

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114974.D
 Acq On : 12 Jun 2019 15:04
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:46:21 AM

Quant Time: Jun 12 15:47:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277081	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1128950	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	550056	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1069762	20.00	ng	0.00
76) Chrysene-d12	13.79	240	648367	20.00	ng	0.00
87) Perylene-d12	15.19	264	749012	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1348025	81.24	ng	0.00
7) Phenol-d6	6.30	99	1640893	81.98	ng	0.00
23) Nitrobenzene-d5	7.22	82	1525701	81.35	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	477975	81.15	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2684138	82.70	ng	0.00
79) Terphenyl-d14	12.74	244	2586844	75.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	316352	40.729	ng	99
3) Pyridine	2.95	79	856732	39.177	ng	99
4) n-Nitrosodimethylamine	2.90	42	311664	40.143	ng	98
6) Aniline	6.32	93	1093156	40.779	ng	94
8) 2-Chlorophenol	6.44	128	774578	41.166	ng	99
9) Benzaldehyde	6.19	77	469977	41.828	ng	99
10) Phenol	6.31	94	906156	40.462	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	711342	40.923	ng	99
12) 1,3-Dichlorobenzene	6.59	146	896370	40.786	ng	98
13) 1,4-Dichlorobenzene	6.67	146	902447	40.844	ng	98
14) 1,2-Dichlorobenzene	6.82	146	825878	39.702	ng	100
15) Benzyl Alcohol	6.80	79	602789	40.193	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	960587	41.290	ng	98
17) 2-Methylphenol	6.92	107	649832	41.406	ng	99
18) Hexachloroethane	7.16	117	327363	41.026	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	498443	40.985	ng	99
20) 3+4-Methylphenols	7.07	107	741850	39.717	ng	96
22) Acetophenone	7.07	105	1045622	40.915	ng	99
24) Nitrobenzene	7.23	77	798197	41.828	ng	92
25) Isophorone	7.48	82	1427026	40.623	ng	99
26) 2-Nitrophenol	7.55	139	435508	40.944	ng	99
27) 2,4-Dimethylphenol	7.60	122	637485	41.545	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	923450	40.974	ng	100
29) 2,4-Dichlorophenol	7.80	162	669154	41.281	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	770551	41.139	ng	100
31) Naphthalene	7.96	128	2192368	41.044	ng	100
32) Benzoic acid	7.75	122	468468	42.196	ng	99
33) 4-Chloroaniline	8.00	127	1016415	41.223	ng	100
34) Hexachlorobutadiene	8.08	225	428311	41.140	ng	99
35) Caprolactam	8.39	113	222501	41.212	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	672889	41.192	ng	99
37) 2-Methylnaphthalene	8.65	142	1466185	41.154	ng	99
38) 1-Methylnaphthalene	8.75	142	1395923	41.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	665699	40.964	ng	100

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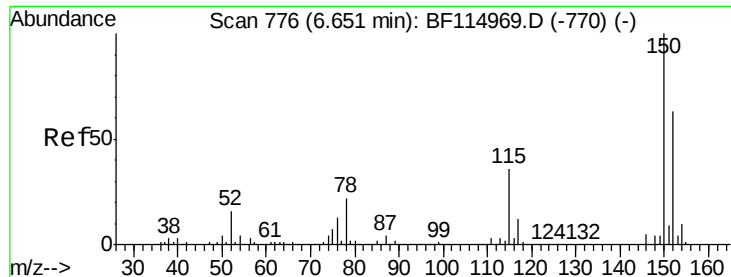
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	325882	40.696	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	506974	41.768	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	512156	41.753	nq	99
46) 1,1'-Biphenyl	9.11	154	1744093	39.568	nq	100
47) 2-Chloronaphthalene	9.13	162	1458011	40.905	nq	100
48) 2-Nitroaniline	9.23	65	435789	41.364	nq	99
49) Acenaphthylene	9.55	152	2163012	39.469	nq	100
50) Dimethylphthalate	9.42	163	1698351	41.056	nq	100
51) 2,6-Dinitrotoluene	9.47	165	393447	41.930	nq	99
52) Acenaphthene	9.72	154	1284481	40.967	nq	99
53) 3-Nitroaniline	9.64	138	472435	41.093	nq	100
54) 2,4-Dinitrophenol	9.75	184	205889	45.236	nq	97
55) Dibenzofuran	9.89	168	1871663	39.608	nq	99
56) 4-Nitrophenol	9.80	139	336454	42.438	nq	99
57) 2,4-Dinitrotoluene	9.87	165	505273	42.306	nq	98
58) Fluorene	10.23	166	1348771	42.282	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.01	232	412558	41.638	nq	99
60) Diethylphthalate	10.11	149	1632670	41.278	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	668725	42.397	nq	98
62) 4-Nitroaniline	10.25	138	477850	41.339	nq	98
63) Azobenzene	10.38	77	1430620	41.344	nq	99
65) 4,6-Dinitro-2-methylphenol	10.28	198	254869	42.508	nq	97
66) n-Nitrosodiphenylamine	10.34	169	1322700	41.364	nq	100
67) 4-Bromophenyl-phenylether	10.71	248	468734	40.809	nq	99
68) Hexachlorobenzene	10.77	284	522176	41.293	nq	99
69) Atrazine	10.87	200	415619	40.312	nq	99
70) Pentachlorophenol	10.97	266	299319	43.585	nq	99
71) Phenanthrene	11.18	178	2165496	39.206	nq	100
72) Anthracene	11.23	178	2186423	39.239	nq	100
73) Carbazole	11.39	167	1999498	41.112	nq	100
74) Di-n-butylphthalate	11.73	149	2415405	39.394	nq	100
75) Fluoranthene	12.36	202	2220029	39.307	nq	100
77) Benzidine	12.48	184	967607	36.896	nq	99
78) Pyrene	12.59	202	2240106	37.926	nq	99
80) Butylbenzylphthalate	13.22	149	1076063	39.005	nq	100
81) Benzo(a)anthracene	13.77	228	1988864	40.992	nq	100
82) 3,3'-Dichlorobenzidine	13.74	252	770766	41.436	nq	# 97
83) Chrysene	13.82	228	1969451	40.820	nq	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1285329	39.420	nq	100
85) Di-n-octyl phthalate	14.42	149	2352246	41.893	nq	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1756150	41.437	nq	99
88) Benzo(b)fluoranthene	14.82	252	2029362	40.757	nq	100
89) Benzo(k)fluoranthene	14.84	252	1709156m	39.108	nq	
90) Benzo(a)pyrene	15.14	252	1728462	40.230	nq	98
91) Dibenzo(a,h)anthracene	16.53	278	1415647	38.260	nq	99
92) Benzo(g,h,i)perylene	16.90	276	1405618	37.249	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion: 152 Resp: 277081

Ion Ratio Lower Upper

152 100

150 154.1 127.4 191.0

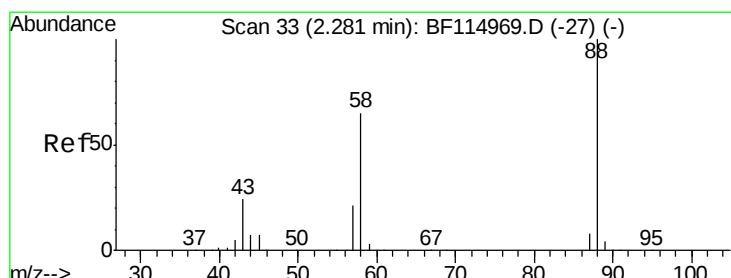
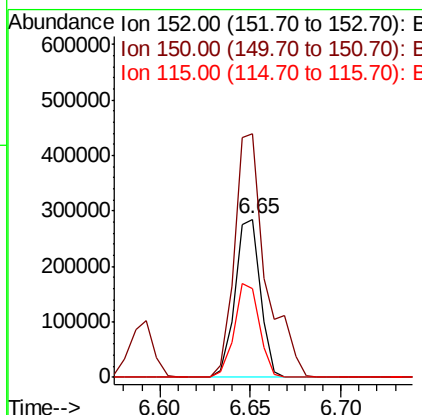
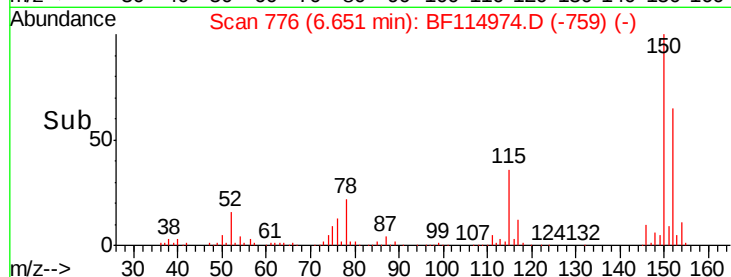
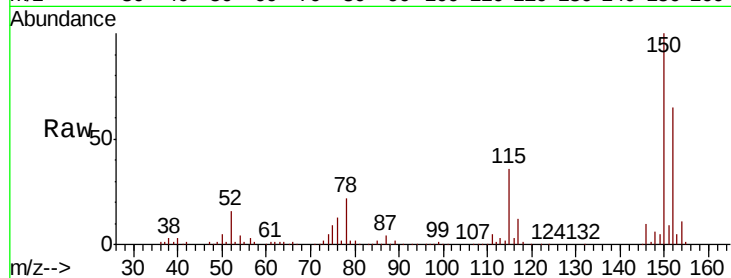
115 56.2 46.0 69.0

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#2

1,4-Dioxane

Concen: 40.729 ng

RT: 2.28 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

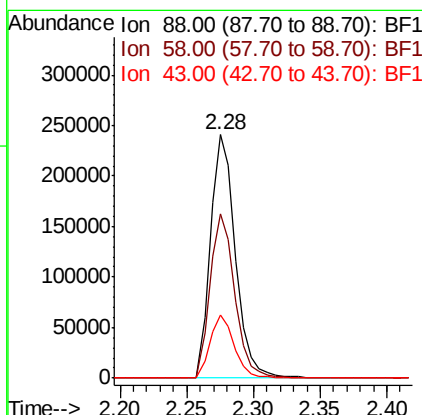
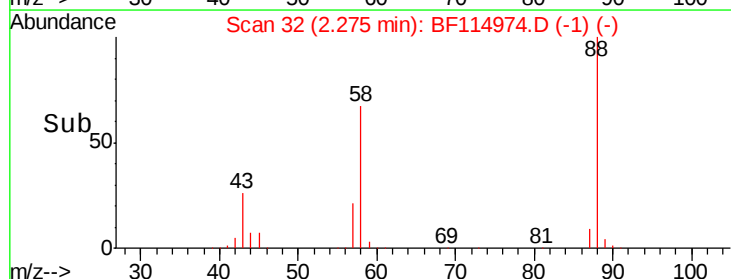
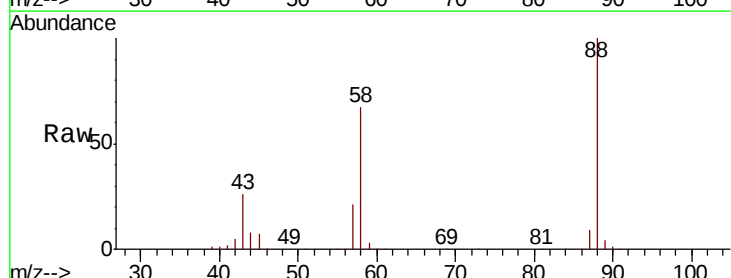
Tgt Ion: 88 Resp: 316352

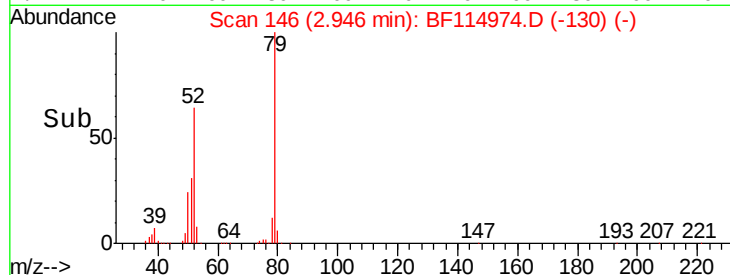
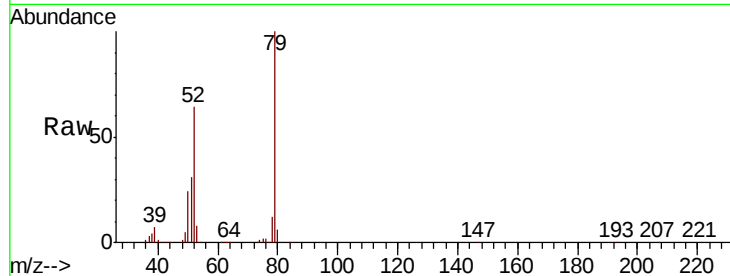
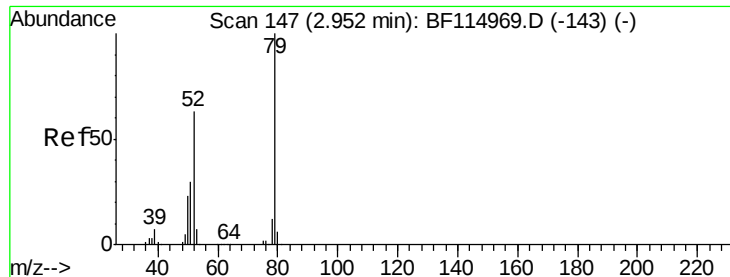
Ion Ratio Lower Upper

88 100

58 66.8 53.4 80.2

43 25.7 19.7 29.5





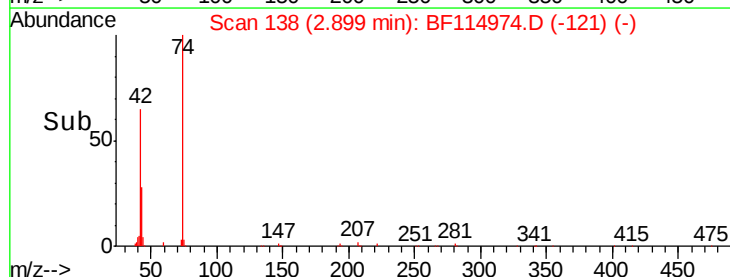
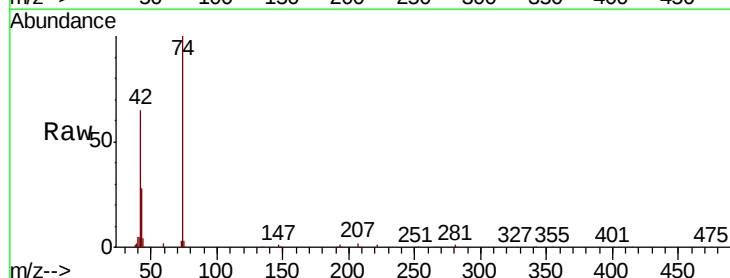
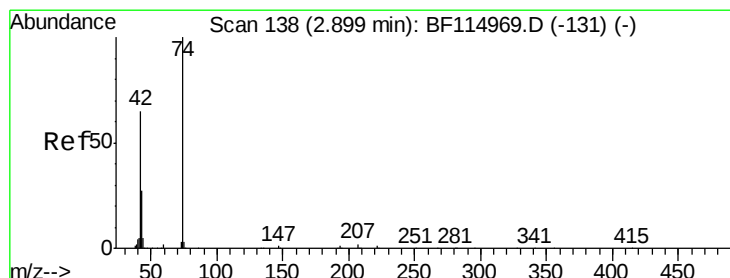
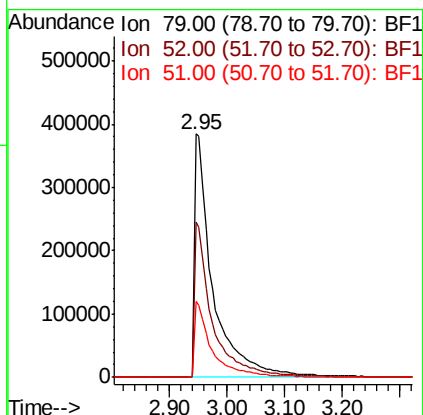
#3
Pvridine
Concen: 39.177 ng
RT: 2.95 min Scan# 146
Delta R.T. -0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	50.3	75.5
51	31.1	24.4	36.6

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

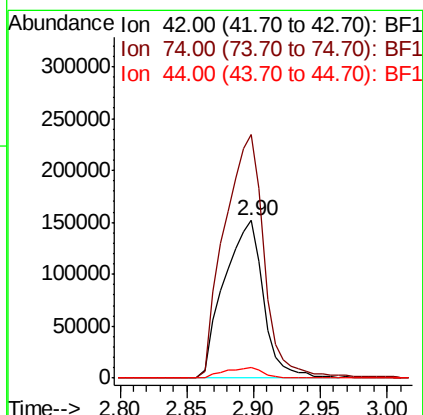
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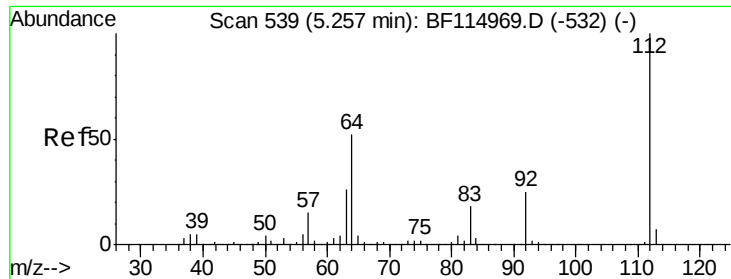
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#4
n-Nitrosodimethylamine
Concen: 40.143 ng
RT: 2.90 min Scan# 138
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.6	122.2	183.2
44	6.4	5.8	8.8





#5

2-Fluorophenol

Concen: 81.237 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

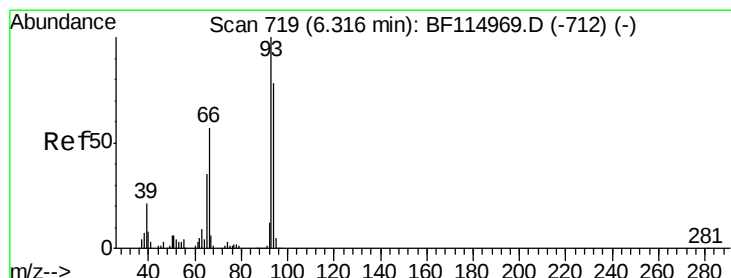
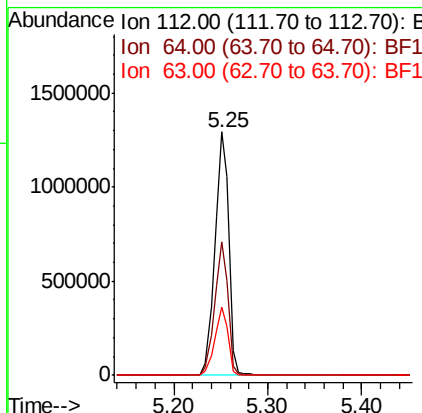
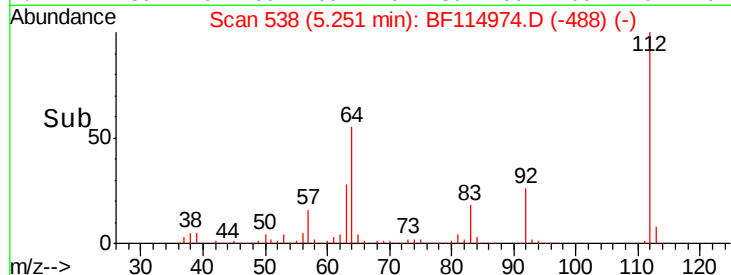
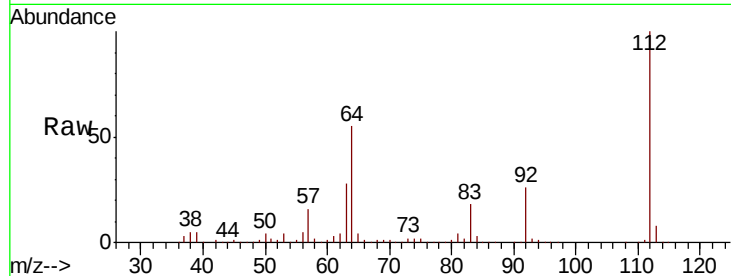
ClientSampleId :

ICVBF061219

Tot Ion:	112	Resp:	1348025
Ion	Ratio	Lower	Upper
112	100		
64	54.6	41.6	62.4
63	28.0	20.9	31.3

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#6

Aniline

Concen: 40.779 ng

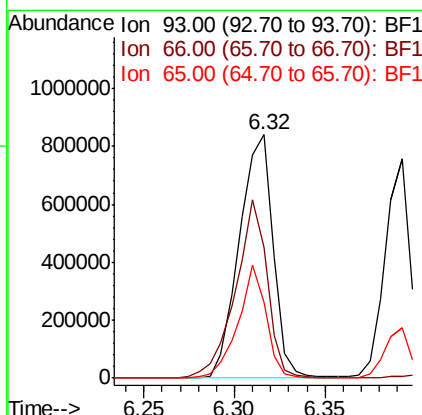
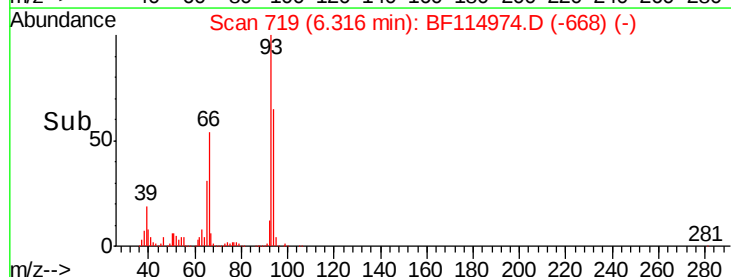
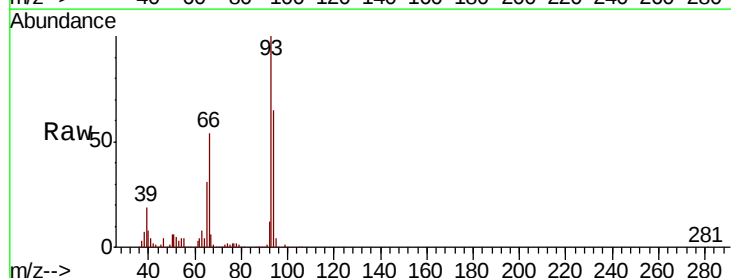
RT: 6.32 min Scan# 719

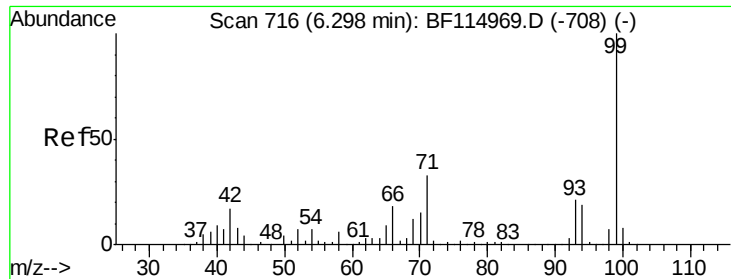
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	93	Resp:	1093156
Ion	Ratio	Lower	Upper
93	100		
66	53.8	46.2	69.2
65	31.0	27.7	41.5





#7

Phenol-d6

Concen: 81.976 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion: 99 Resp: 1640893

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.2

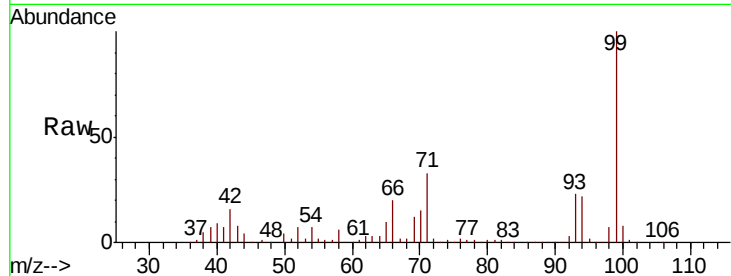
71 32.6 26.4 39.6

Manual Integrations

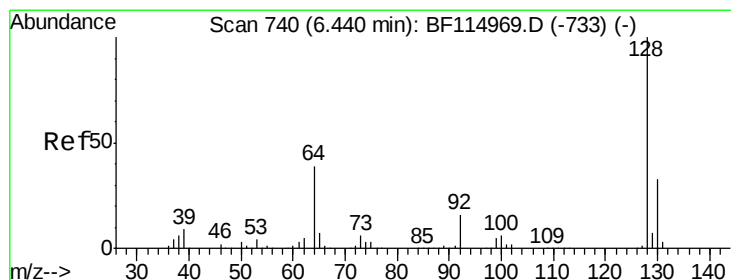
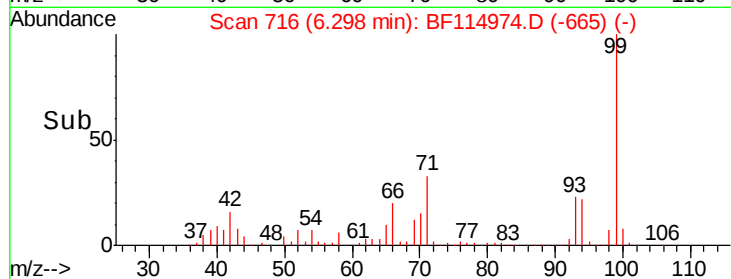
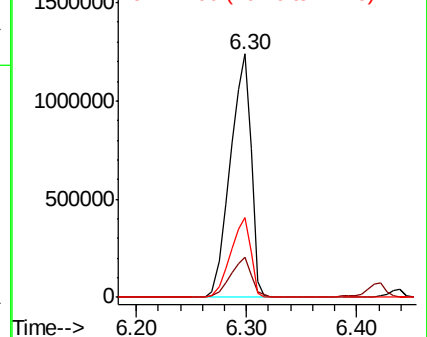
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.166 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

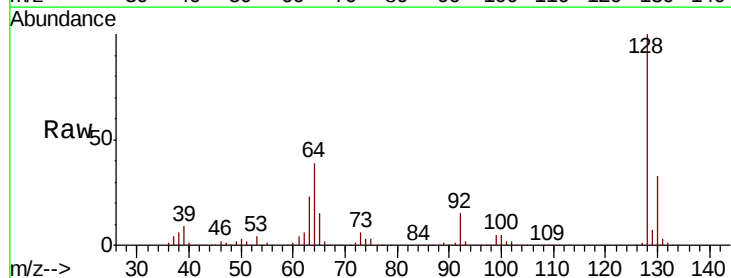
Tgt Ion: 128 Resp: 774578

Ion Ratio Lower Upper

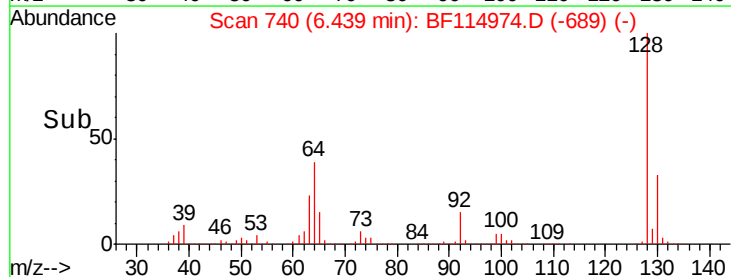
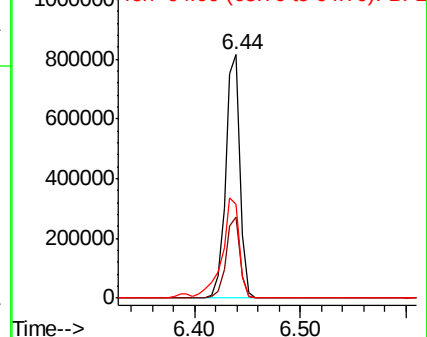
128 100

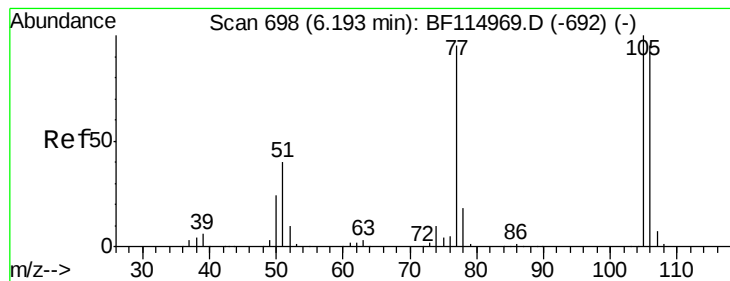
130 33.2 13.4 53.4

64 38.8 20.1 60.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.828 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

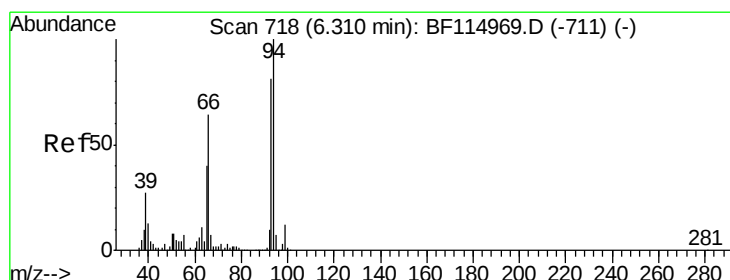
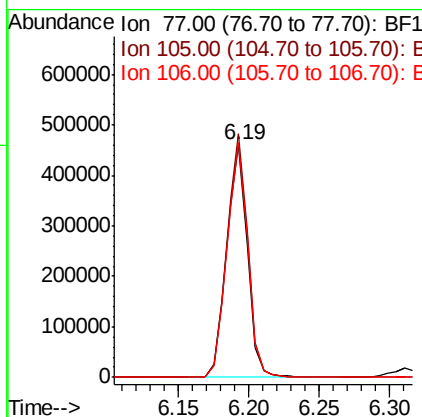
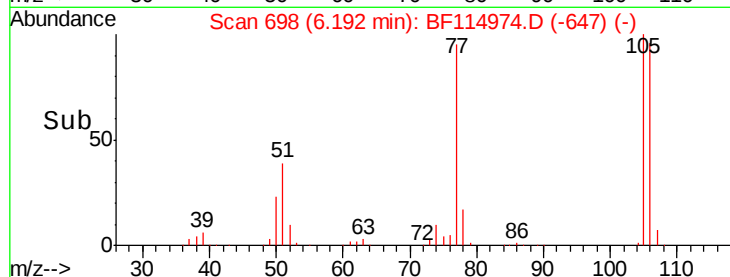
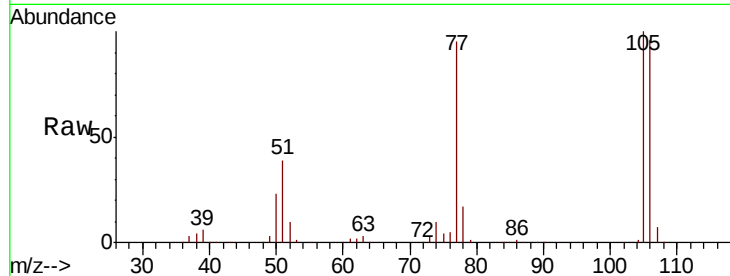
ClientSampleId :

ICVBF061219

Tot Ion:	77	Resp:	469977
Ion	Ratio	Lower	Upper
77	100		
105	104.7	85.1	125.1
106	100.7	80.0	120.0

Manual Integrations
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#10

Phenol

Concen: 40.462 ng

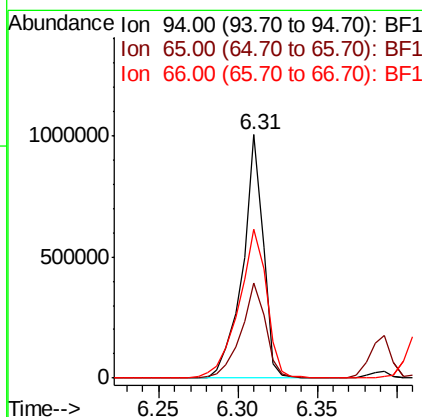
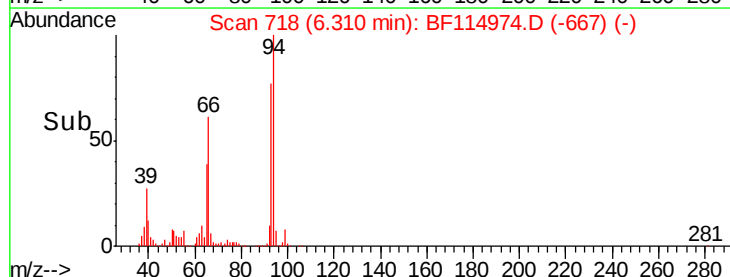
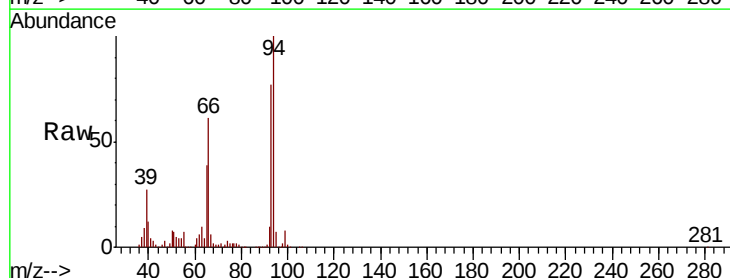
RT: 6.31 min Scan# 718

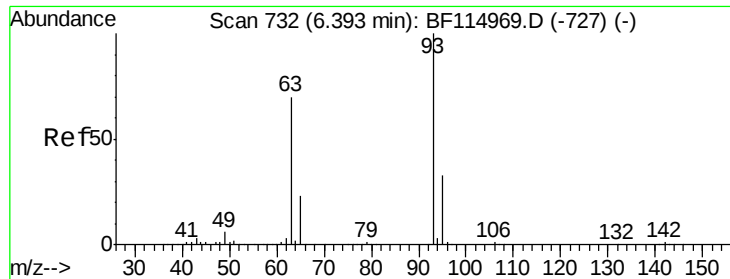
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	94	Resp:	906156
Ion	Ratio	Lower	Upper
94	100		
65	38.9	20.0	60.0
66	61.2	44.1	84.1





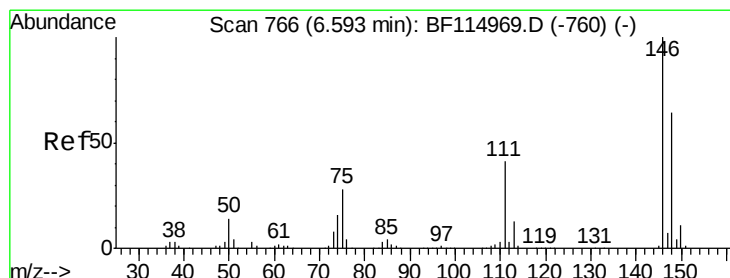
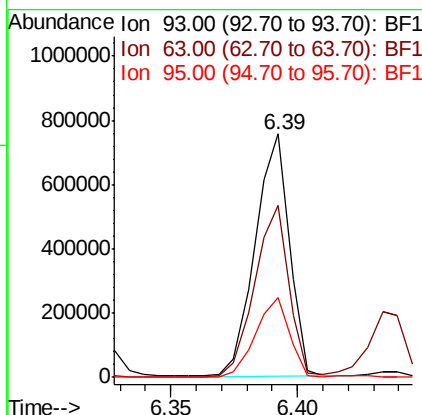
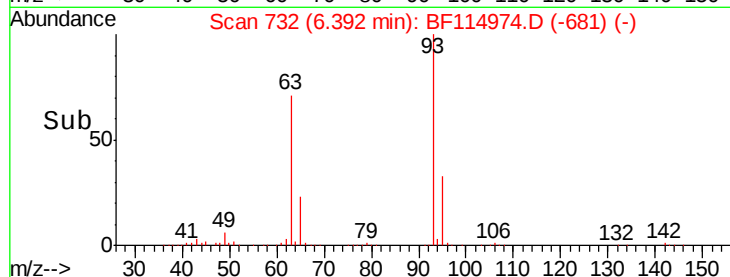
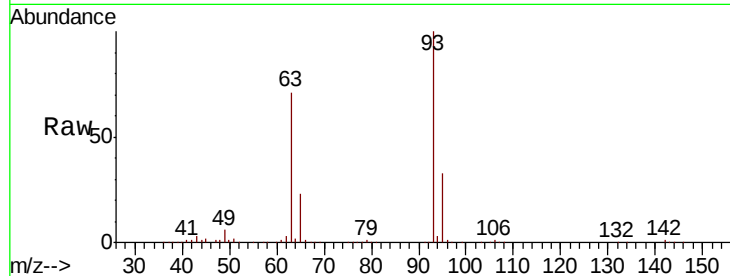
#11
bis(2-Chloroethyl)ether
Concen: 40.923 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion:	93	Resp:	711342
Ion	Ratio	Lower	Upper
93	100		
63	70.7	49.8	89.8
95	33.0	13.3	53.3

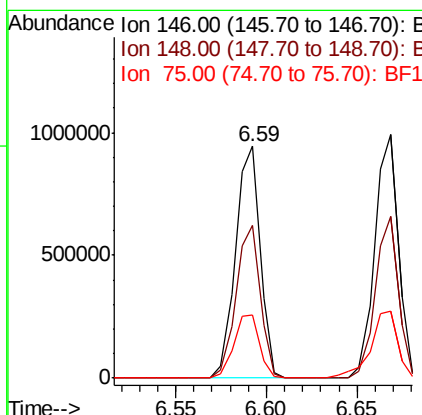
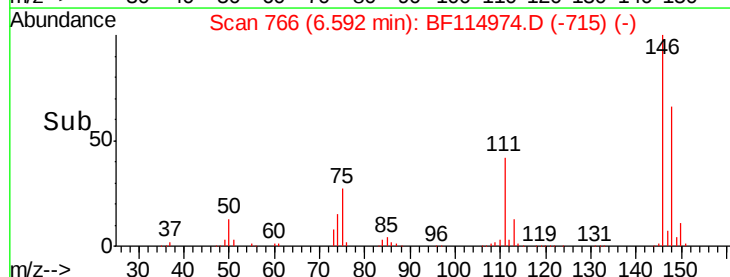
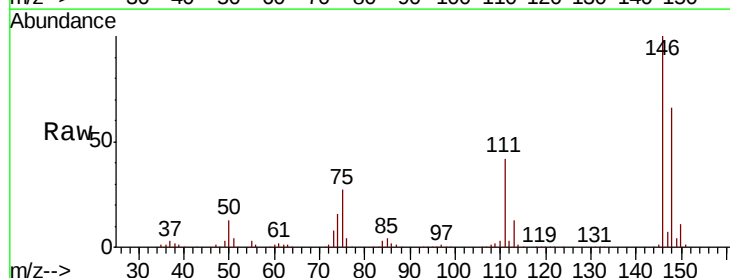
Manual Integrations
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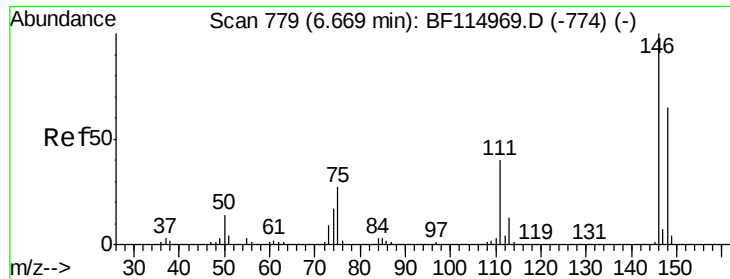
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.786 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:	146	Resp:	896370
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
75	27.1	22.3	33.5





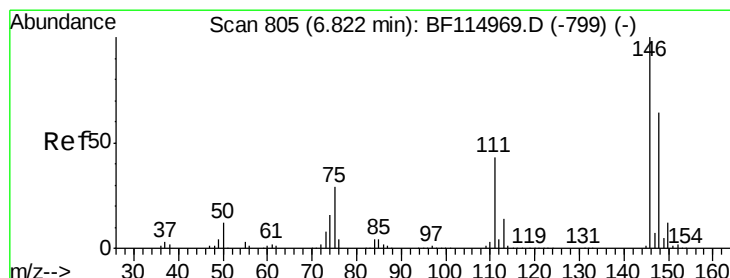
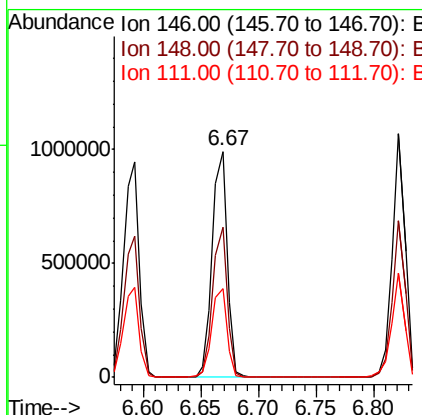
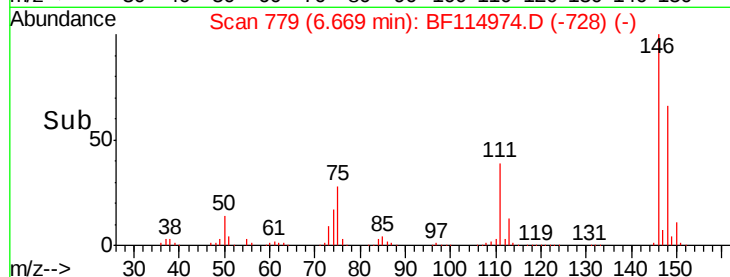
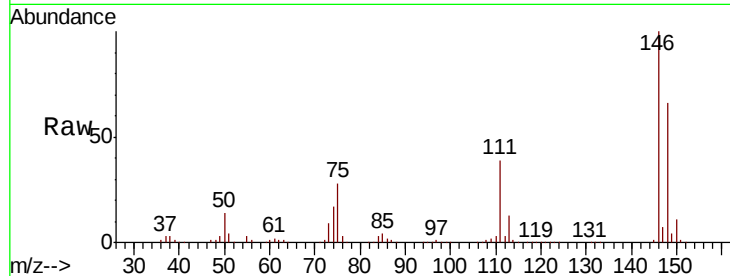
#13
 1,4-Dichlorobenzene
 Concen: 40.844 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.2
111	39.4	32.4	48.6

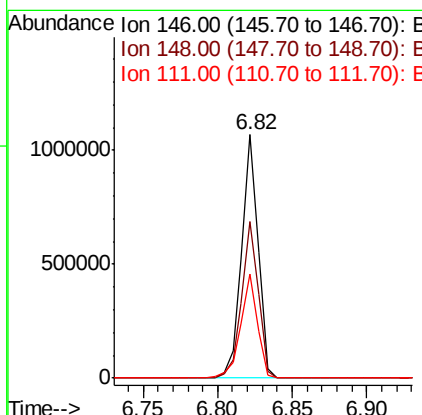
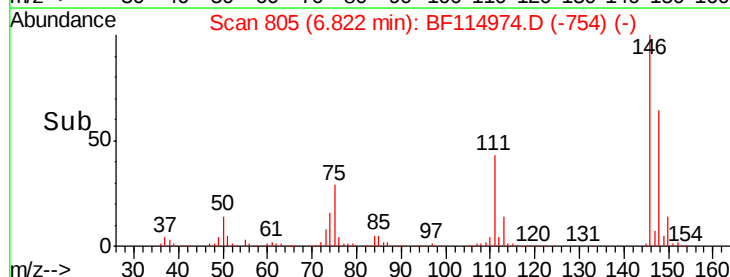
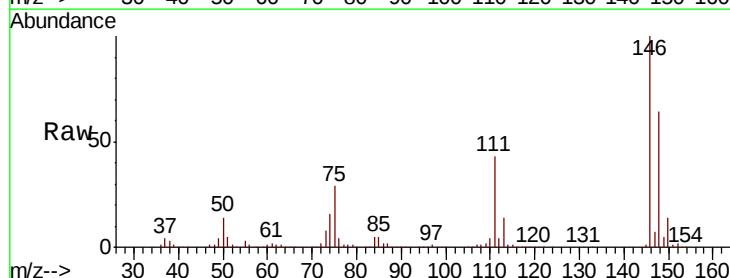
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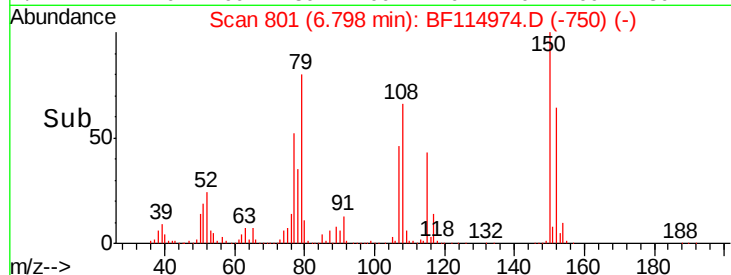
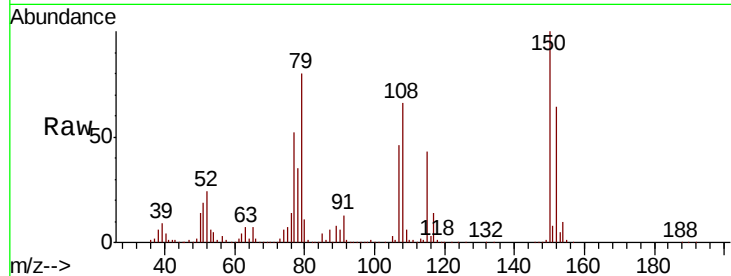
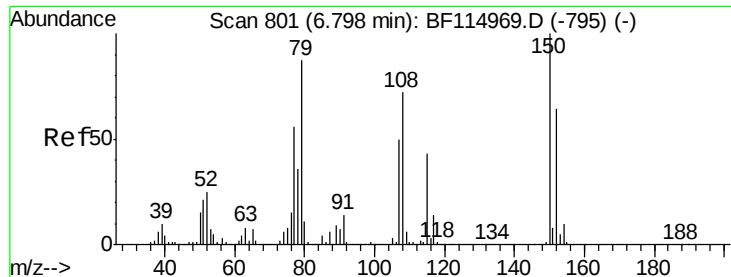
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#14
 1,2-Dichlorobenzene
 Concen: 39.702 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	42.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.193 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tot Ion:	79	Resp:	602789
Ion Ratio	Lower	Upper	
79	100		
108	82.4	66.0	99.0
77	64.4	51.1	76.7

Instrument :

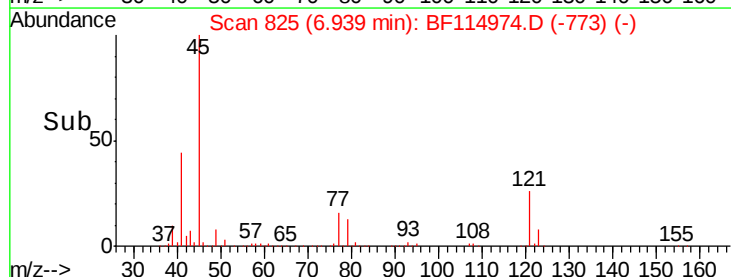
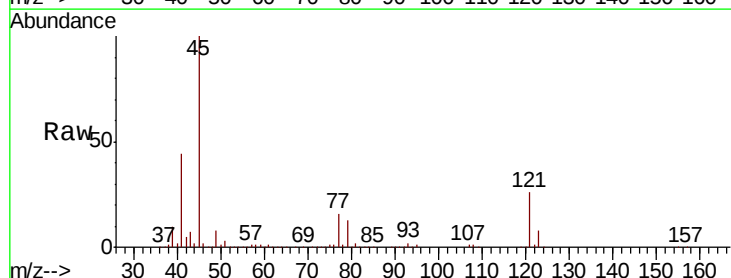
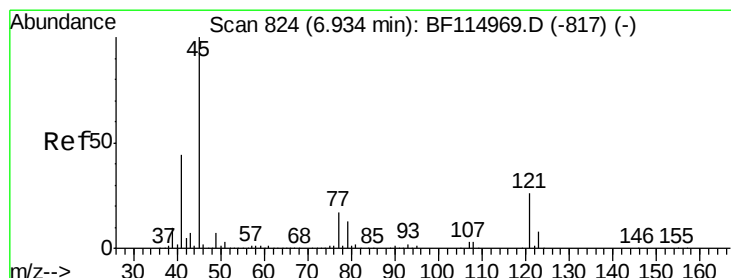
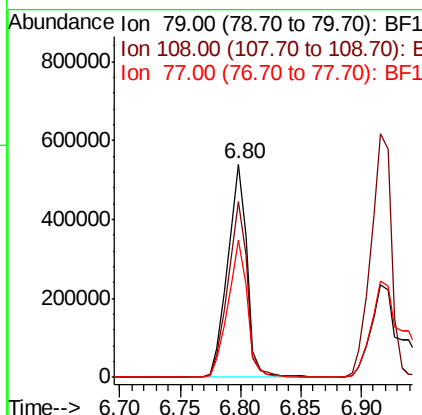
BNA_F

ClientSampleId :

ICVBF061219

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.290 ng

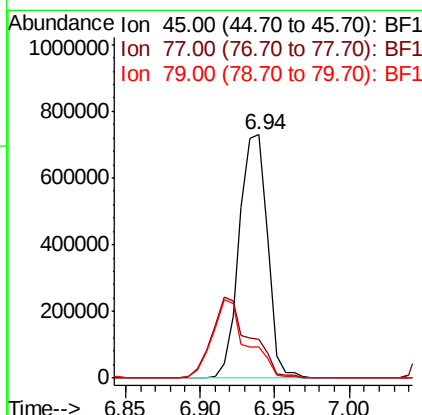
RT: 6.94 min Scan# 825

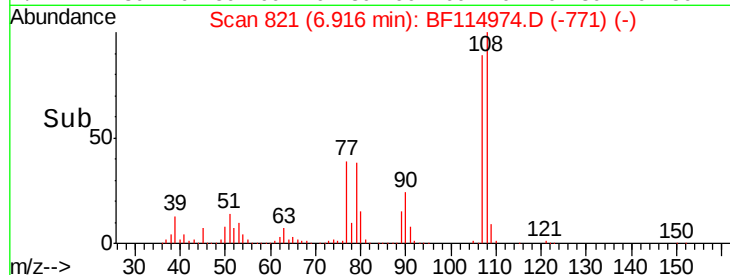
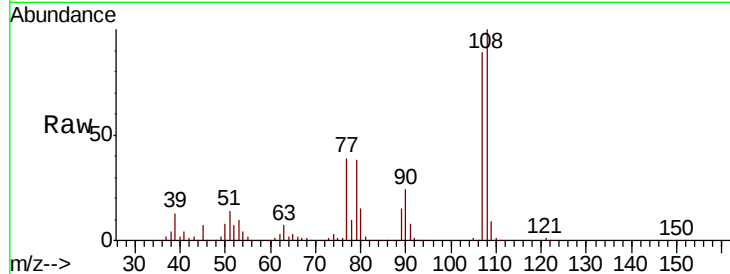
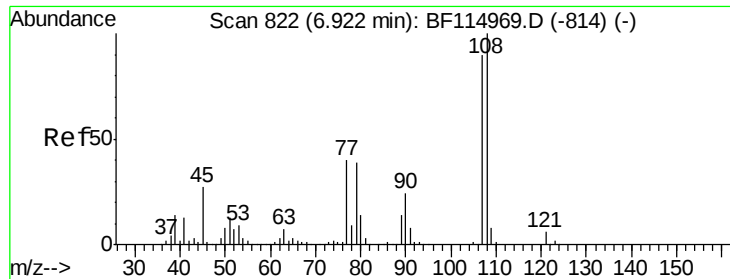
Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	45	Resp:	960587
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	37.0
79	12.8	0.0	33.1





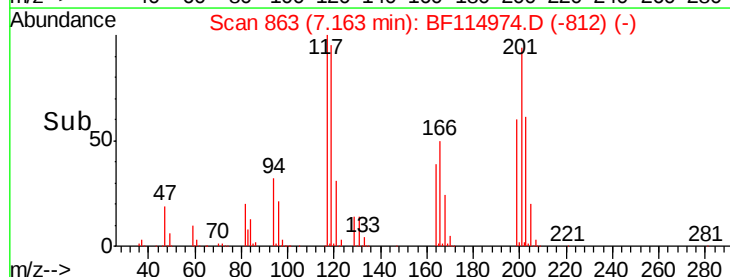
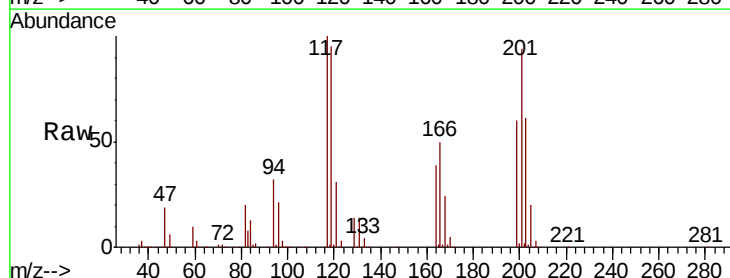
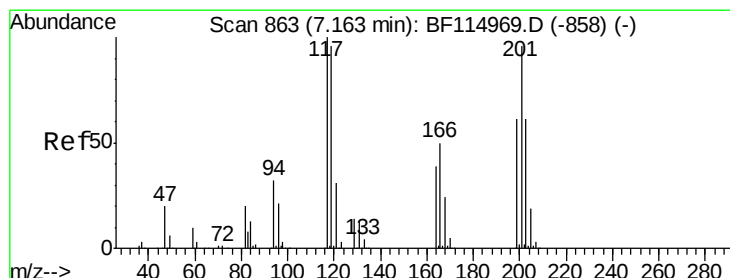
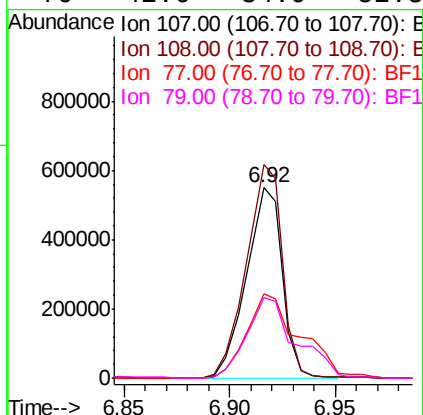
#17
2-Methylphenol
Concen: 41.406 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	89.3	133.9	
77	44.1	35.4	53.2	
79	42.6	34.9	52.3	

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

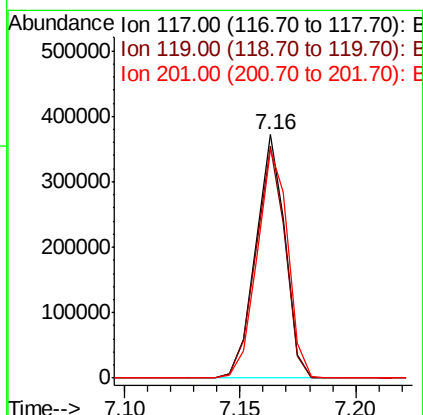
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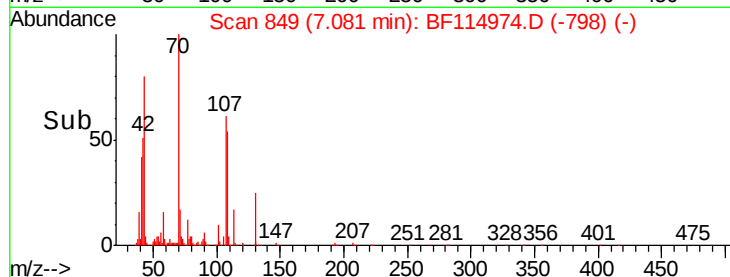
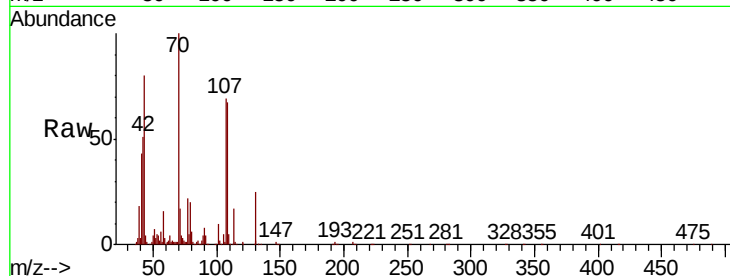
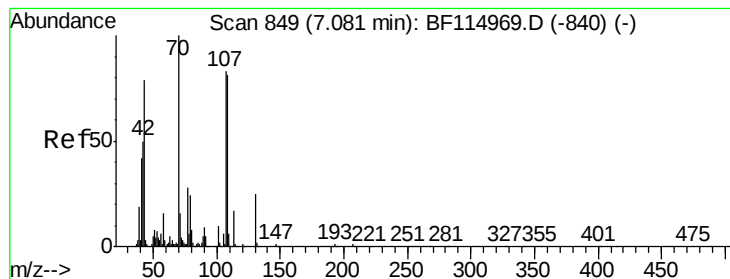
mohammad
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#18
Hexachloroethane
Concen: 41.026 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	77.0	115.4	
201	93.6	76.6	115.0	





#19

n-Nitroso-di-n-propylamine

Concen: 40.985 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		498443		
42	51.2	40.3	60.5		
101	10.2	8.2	12.4		
130	24.6	20.3	30.5		

Instrument :

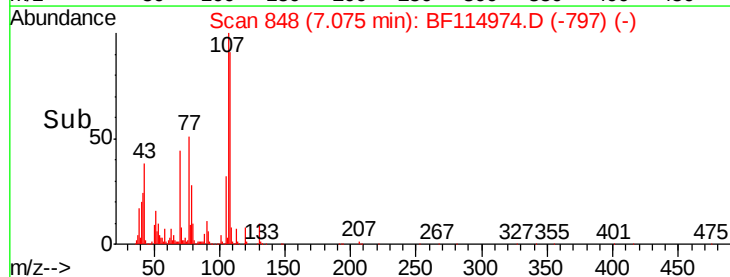
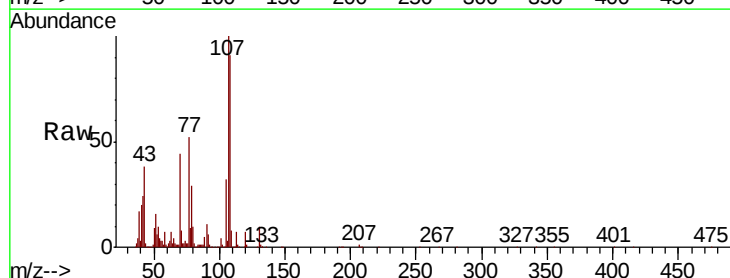
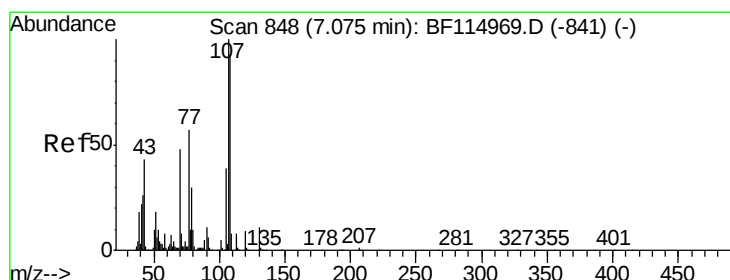
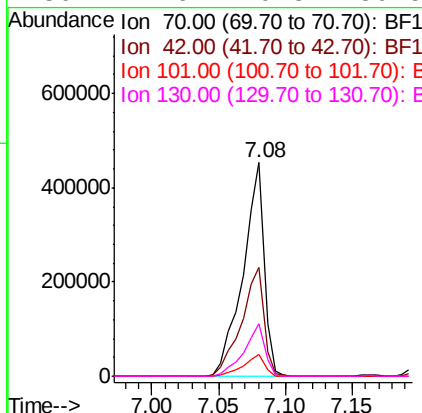
BNA_F

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 39.717 ng

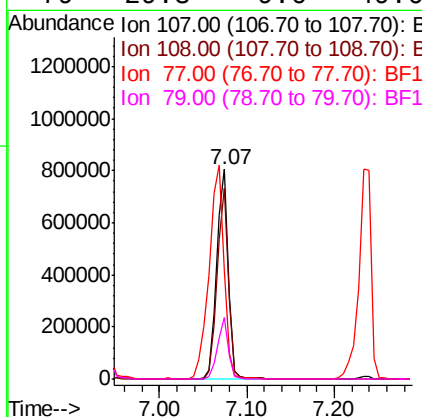
RT: 7.07 min Scan# 848

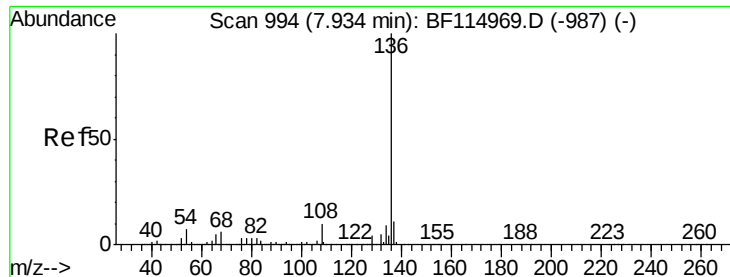
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		741850		
108	90.9	73.1	113.1		
77	51.7	37.3	77.3		
79	29.3	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:136 Resp: 1128950

Ion Ratio Lower Upper

136 100

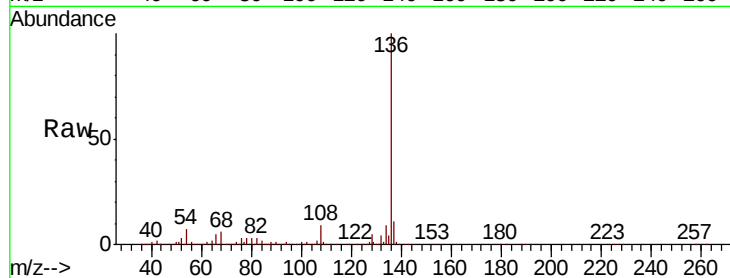
137 11.4 9.0 13.4

54 6.6 5.4 8.0

68 5.6 4.6 7.0

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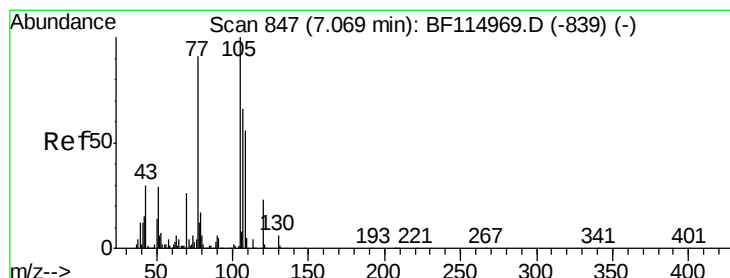
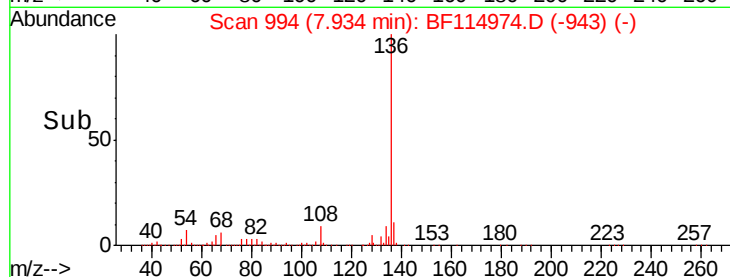
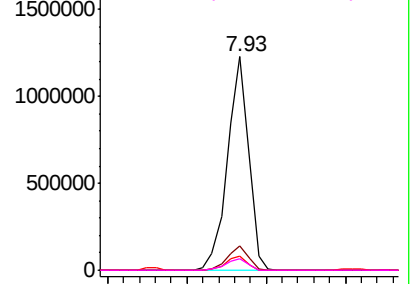


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.915 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:105 Resp: 1045622

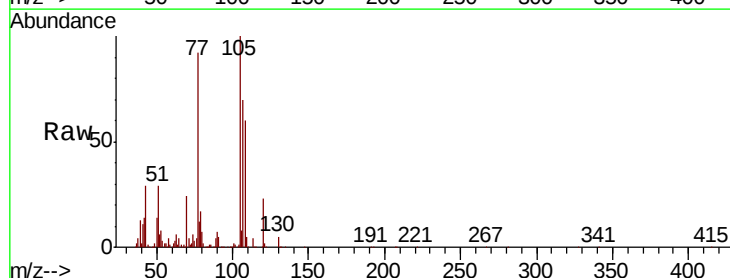
Ion Ratio Lower Upper

105 100

71 3.9 3.4 5.2

51 29.3 23.3 34.9

120 23.1 18.8 28.2

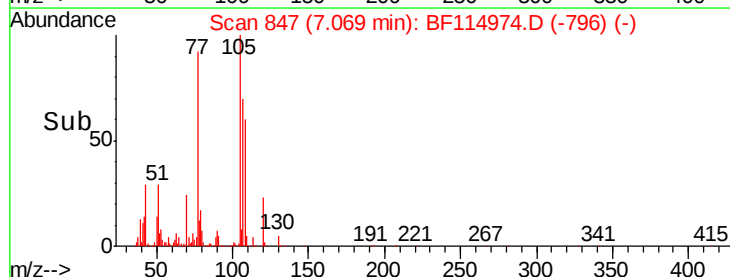
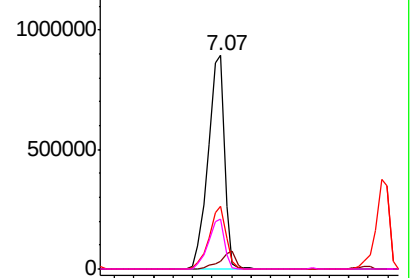


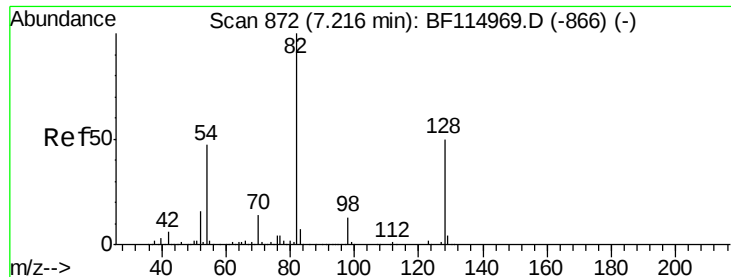
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





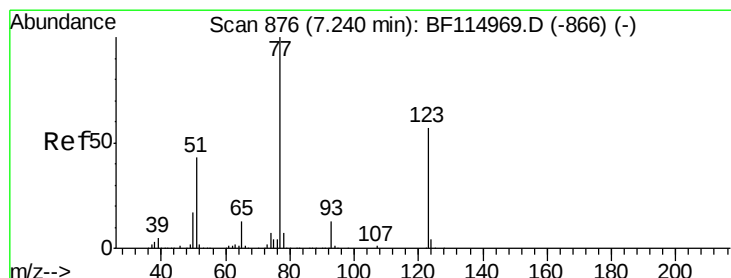
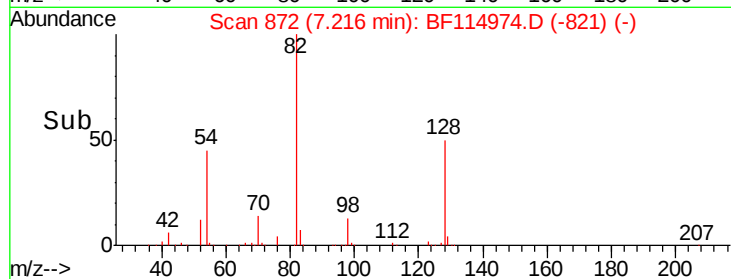
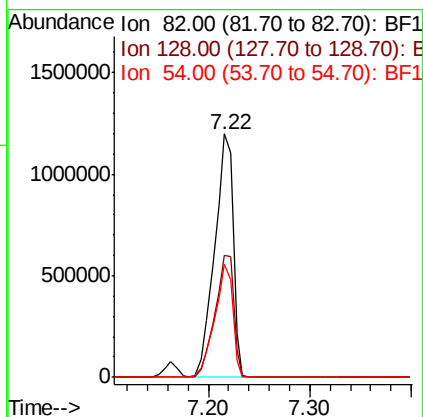
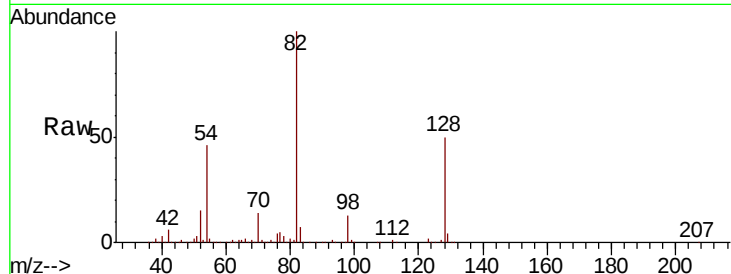
#23
 Nitrobenzene-d5
 Concen: 81.346 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Tot Ion	82	Resp	1525701
Ion Ratio	100	Lower	Upper
82	100		
128	50.2	39.9	59.9
54	46.4	37.3	55.9

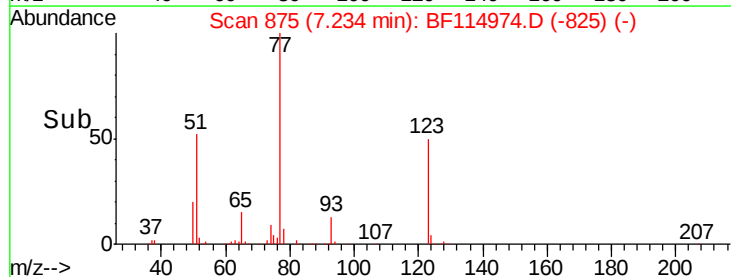
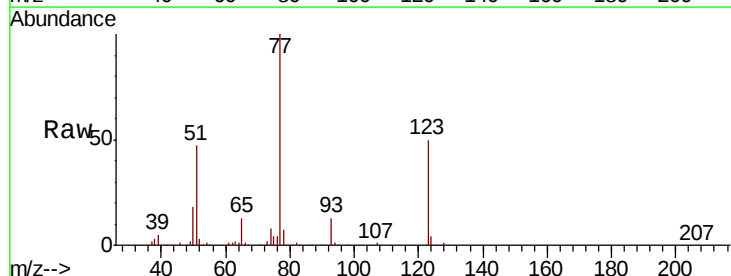
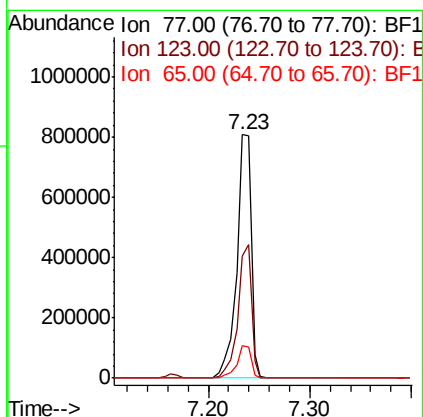
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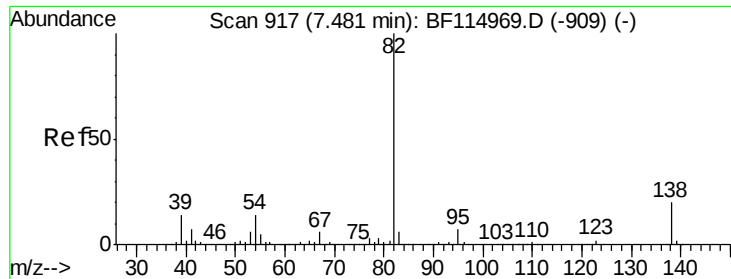
mohammad
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#24
 Nitrobenzene
 Concen: 41.828 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	77	Resp	798197
Ion Ratio	100	Lower	Upper
77	100		
123	50.1	45.5	68.3
65	13.3	10.3	15.5





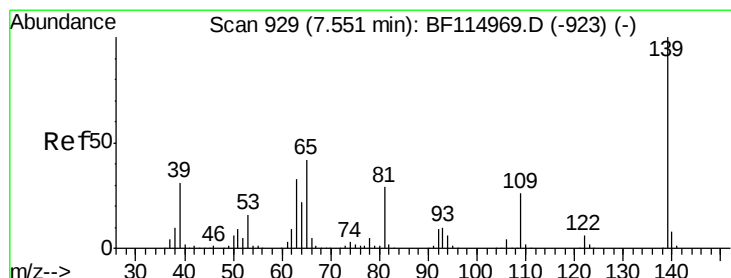
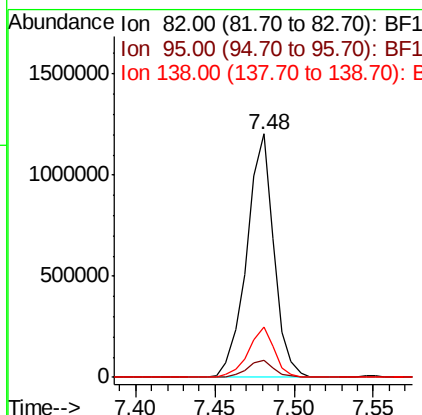
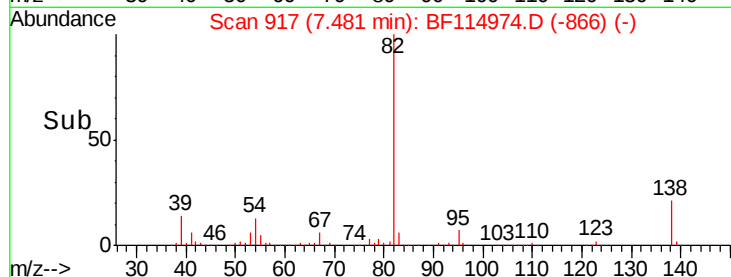
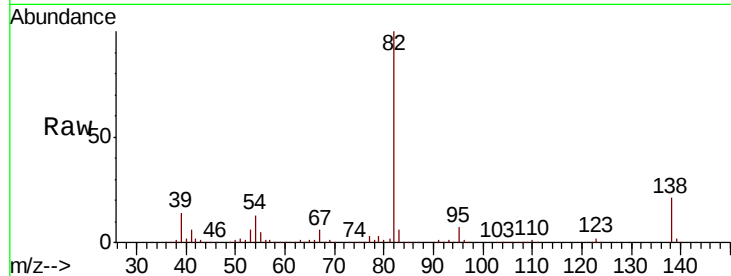
#25
Isophorone
Concen: 40.623 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion: 82 Resp: 1427026
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.6 16.1 24.1

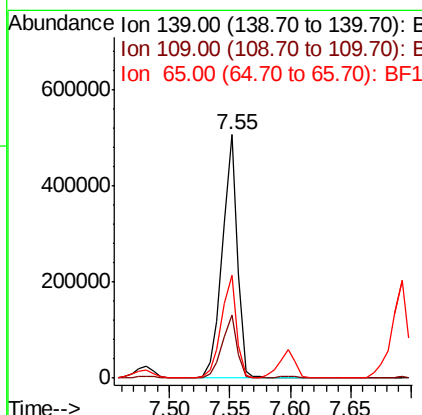
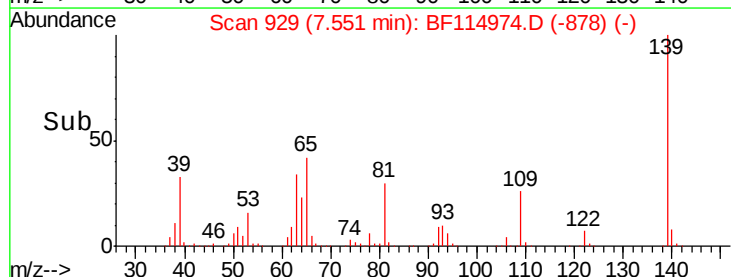
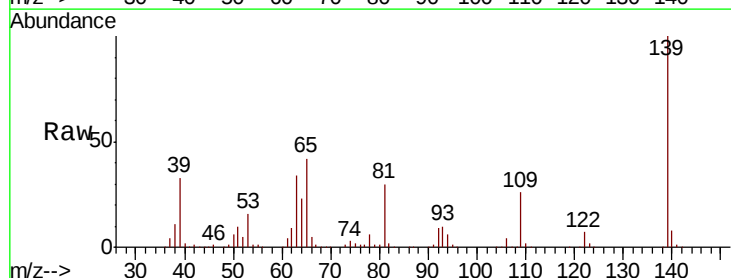
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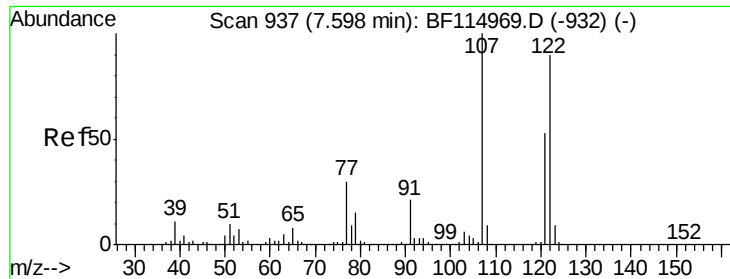
mohammad
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#26
2-Nitrophenol
Concen: 40.944 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion: 139 Resp: 435508
Ion Ratio Lower Upper
139 100
109 26.1 20.8 31.2
65 42.4 33.4 50.2





#27

2,4-Dimethylphenol

Concen: 41.545 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

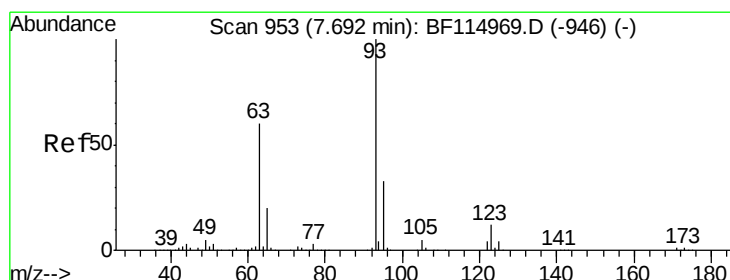
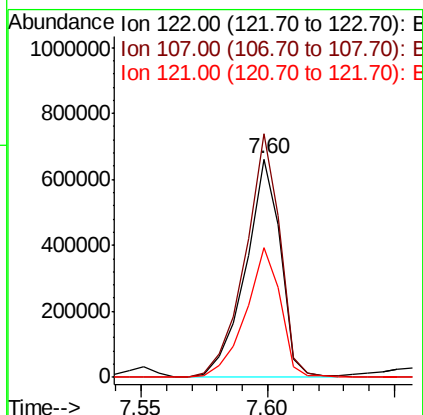
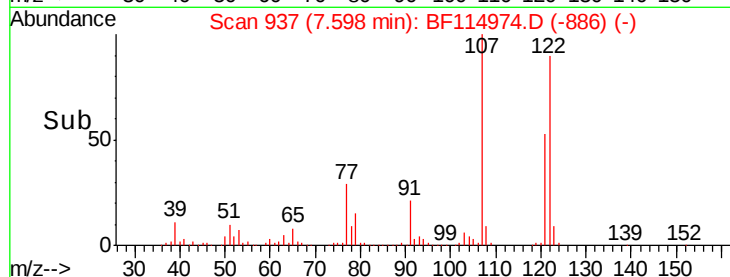
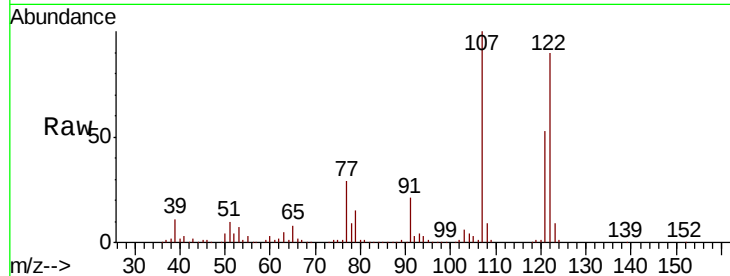
ClientSampleId :

ICVBF061219

Tot Ion:	122	Resp:	637485
Ion Ratio	Lower	Upper	
122	100		
107	111.5	88.8	133.2
121	59.2	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 40.974 ng

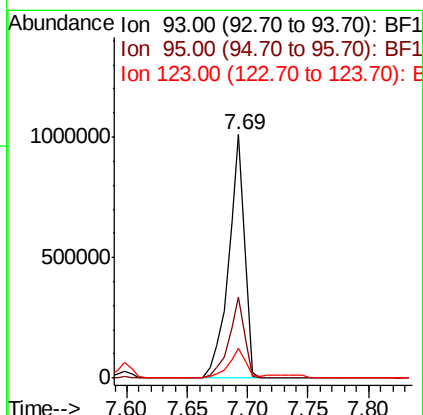
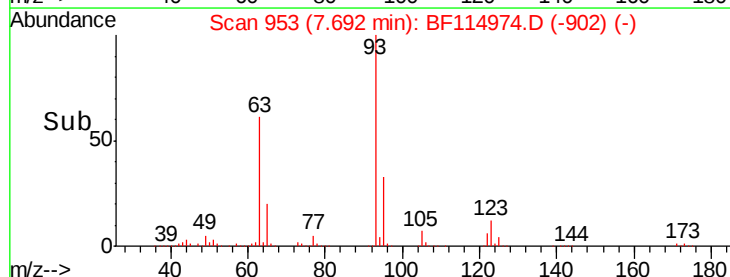
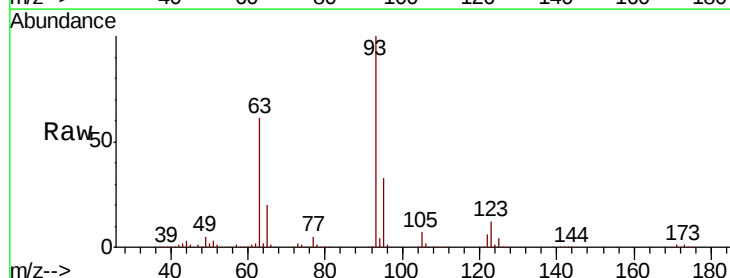
RT: 7.69 min Scan# 953

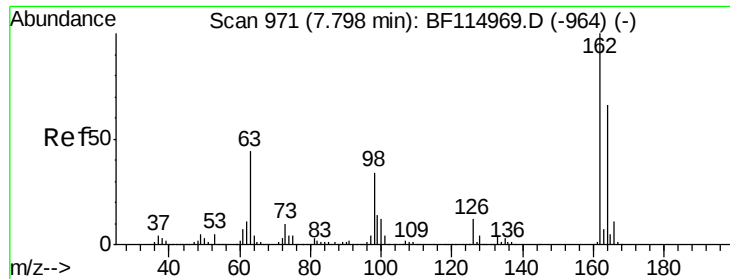
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	93	Resp:	923450
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	40.0
123	12.4	9.9	14.9





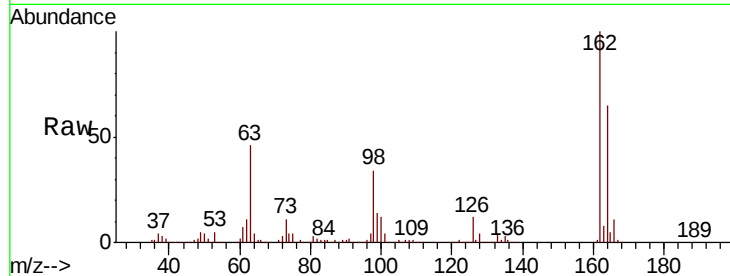
#29
2,4-Dichlorophenol
Concen: 41.281 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

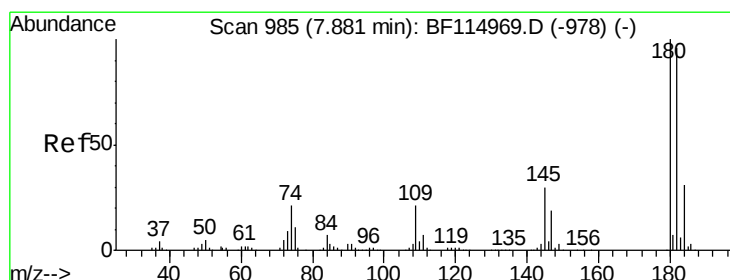
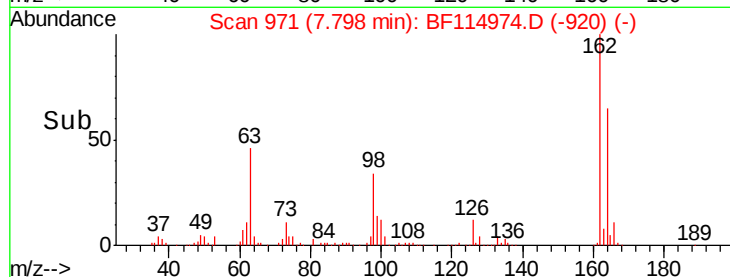
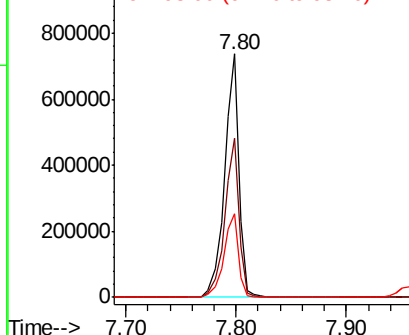
Tot Ion:	162	Resp:	669154
Ion Ratio	Lower	Upper	
162	100		
164	65.3	45.7	85.7
98	34.3	14.0	54.0

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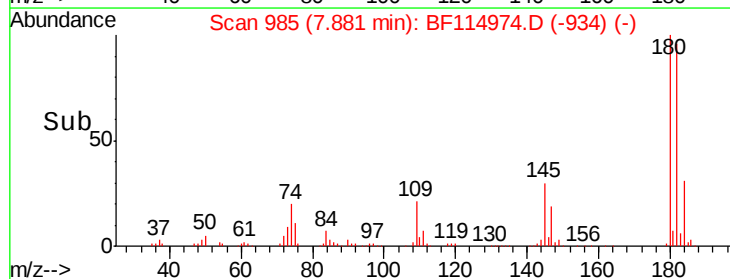
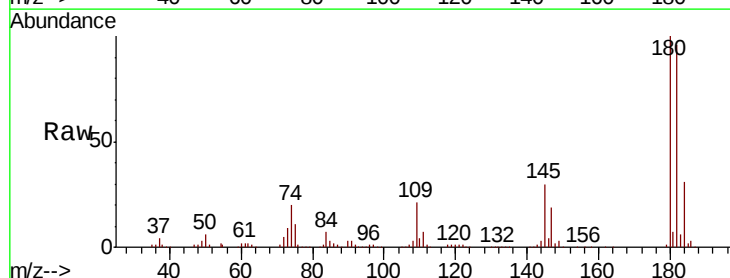
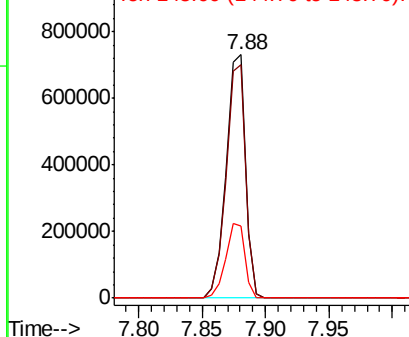
Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

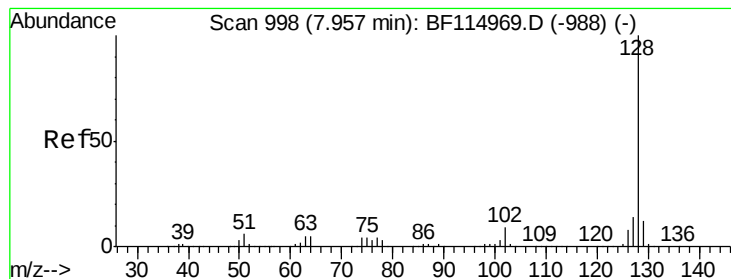


#30
1,2,4-Trichlorobenzene
Concen: 41.139 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:	180	Resp:	770551
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.7	115.1
145	29.8	24.1	36.1

Abundance Ion 180.00 (179.70 to 180.70): E
1000000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.044 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:128 Resp: 2192368

Ion Ratio Lower Upper

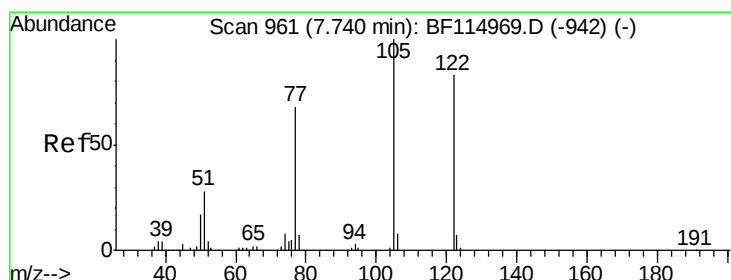
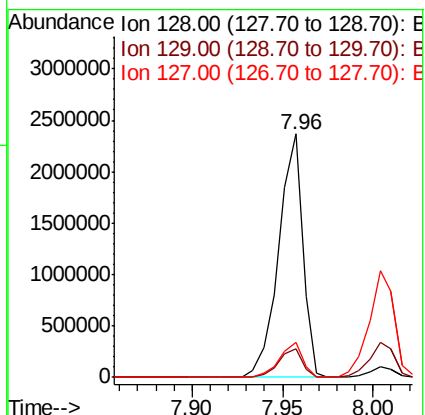
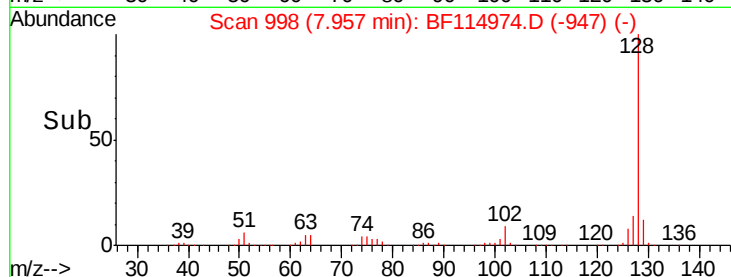
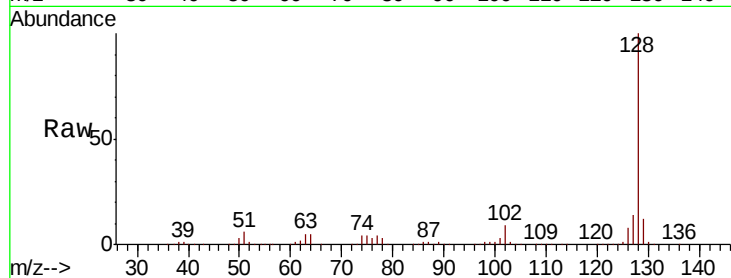
128 100

129 11.9 9.5 14.3

127 14.2 11.5 17.3

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#32

Benzoic acid

Concen: 42.196 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

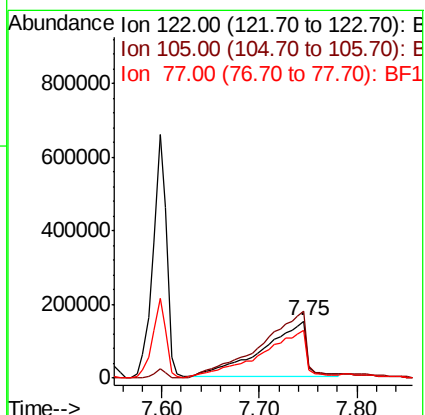
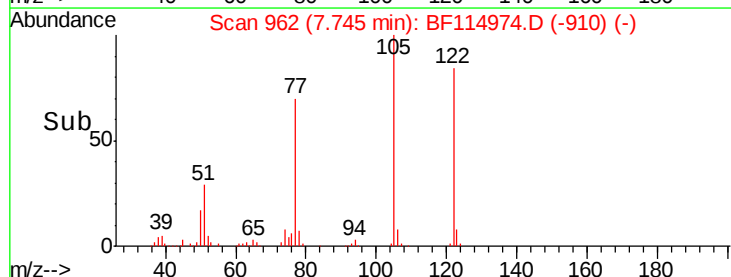
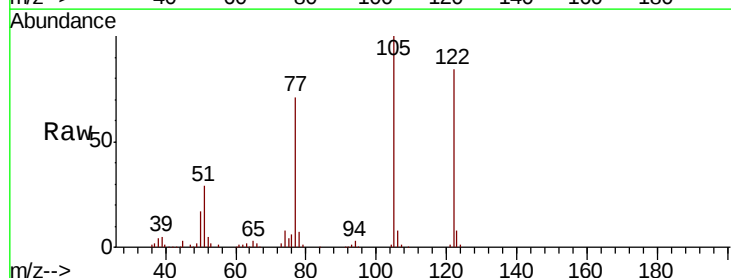
Tgt Ion:122 Resp: 468468

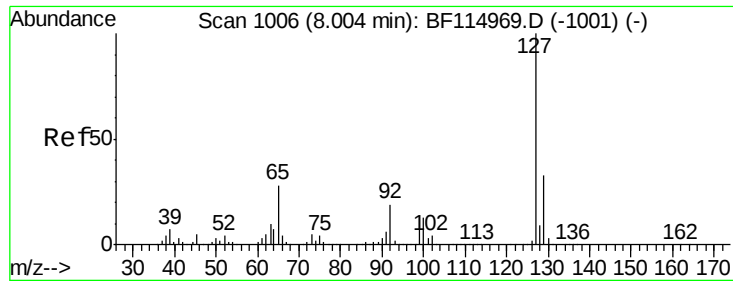
Ion Ratio Lower Upper

122 100

105 118.5 98.6 138.6

77 83.8 60.9 100.9





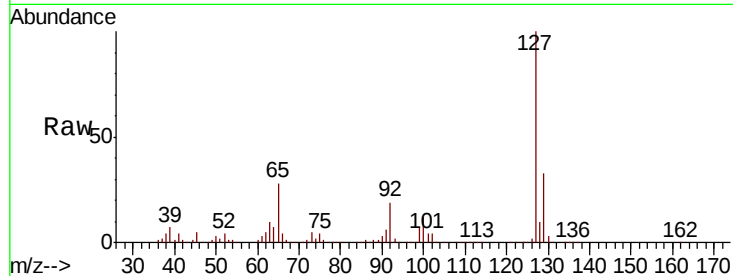
#33
4-Chloroaniline
Concen: 41.223 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.1	39.1		
65	28.1	22.3	33.5		
92	19.0	15.3	22.9		

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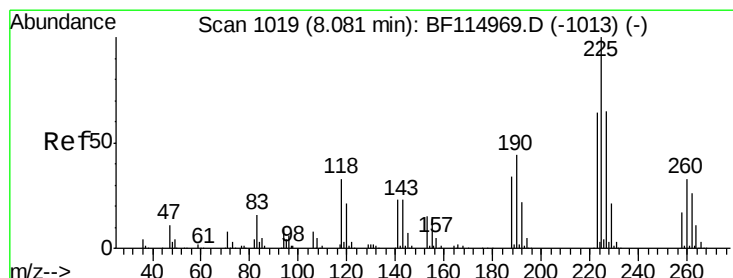
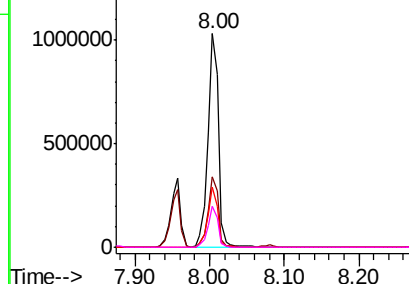
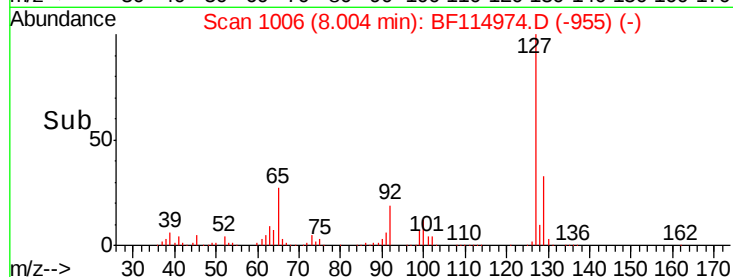
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

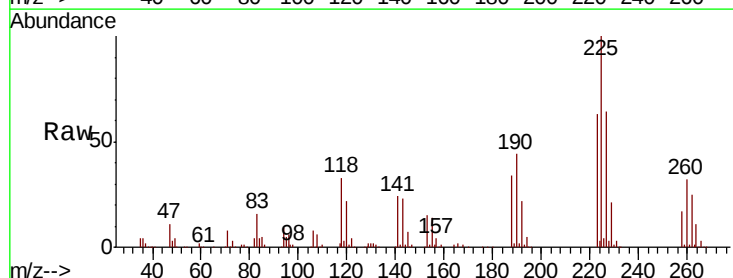
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.140 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.0	76.6		
227	63.6	51.7	77.5		

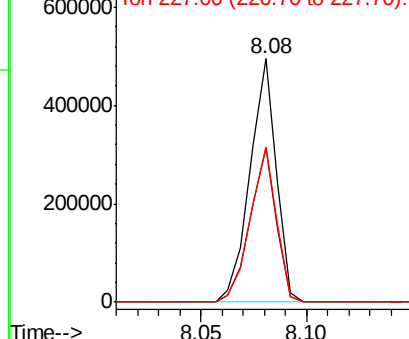
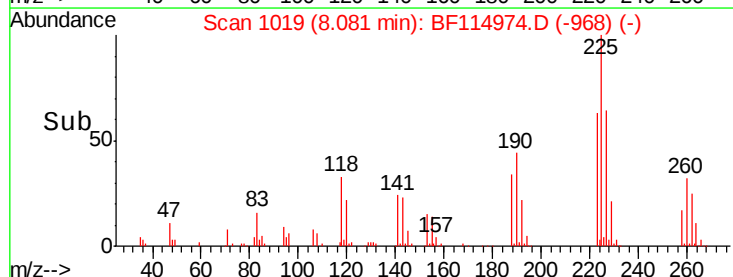


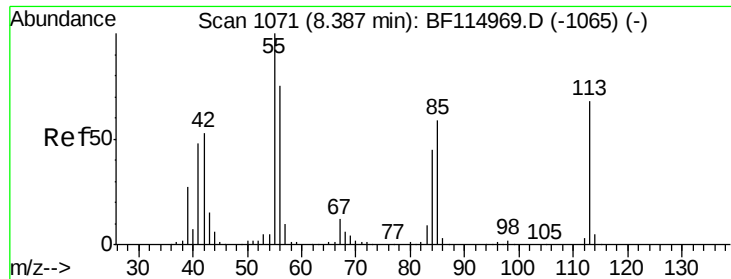
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.212 ng

RT: 8.39 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

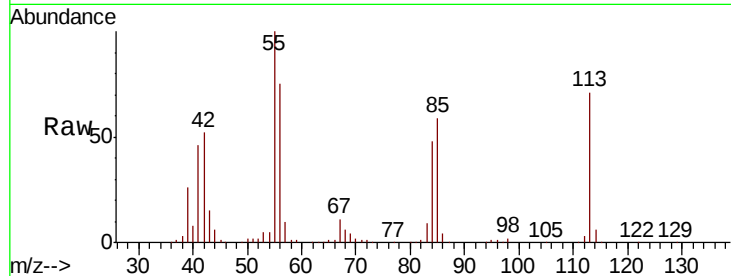
ClientSampleId :

ICVBF061219

Tot Ion:	113	Resp:	222501
Ion Ratio	Lower	Upper	
113	100		
55	140.4	127.3	167.3
56	105.0	90.6	130.6

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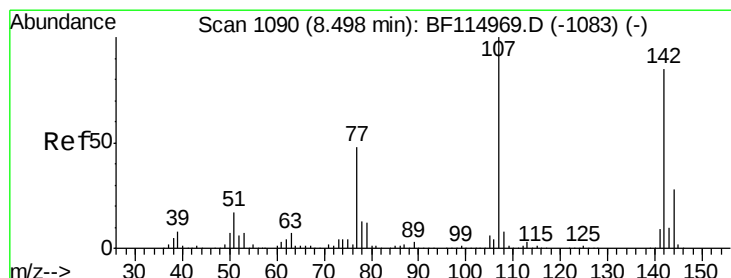
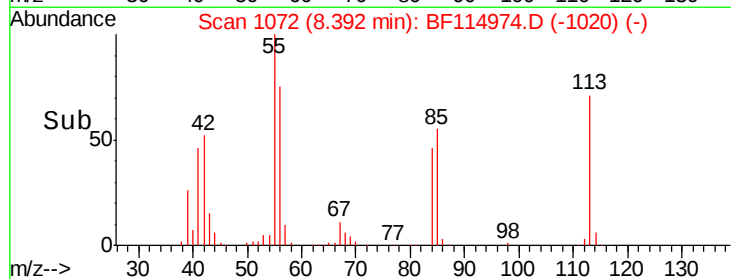
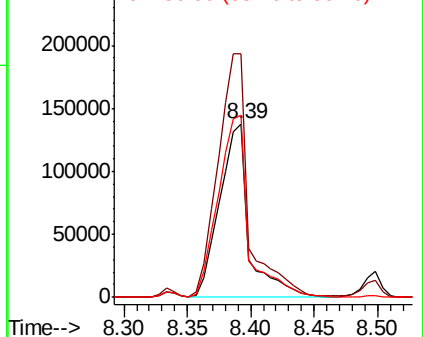


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.192 ng

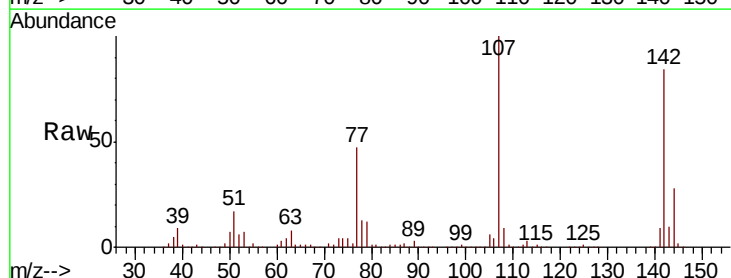
RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	107	Resp:	672889
Ion Ratio	Lower	Upper	
107	100		
144	28.0	22.0	33.0
142	84.4	68.2	102.4

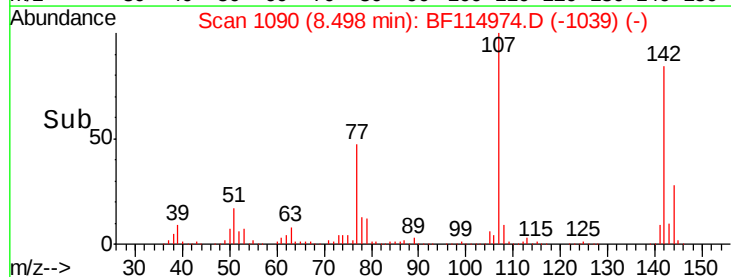
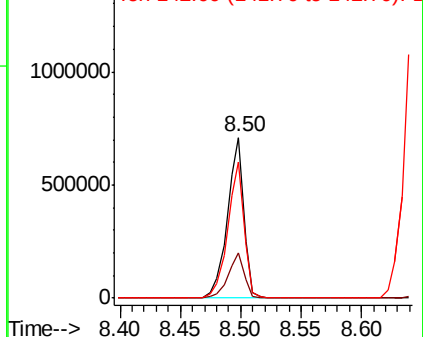


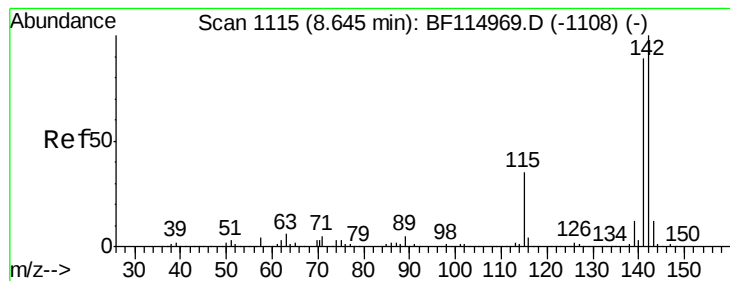
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





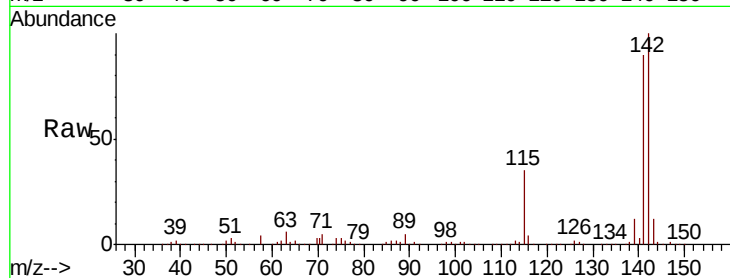
#37
2-Methylnaphthalene
Concen: 41.154 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	35.1	27.9	41.9

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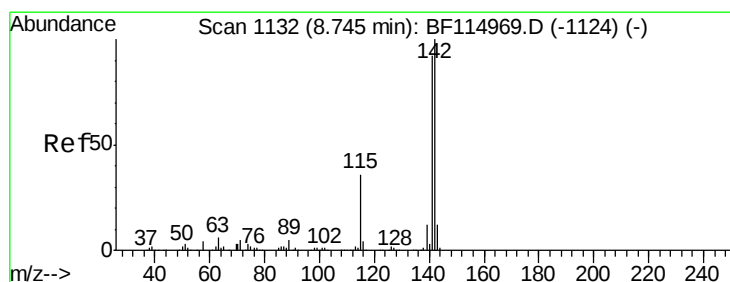
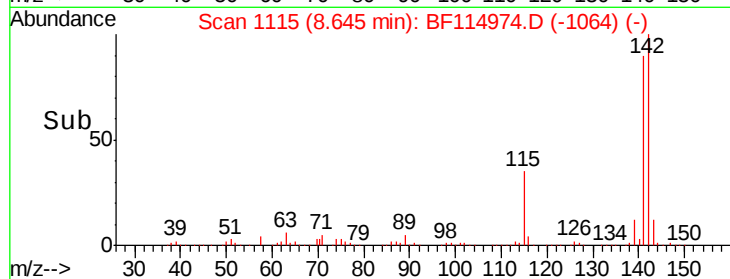
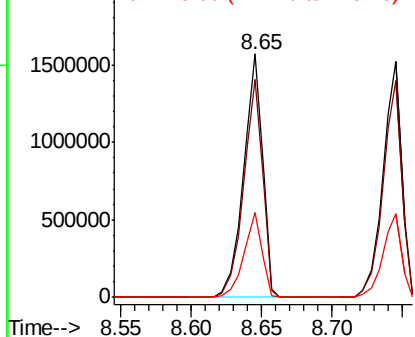


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.456 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

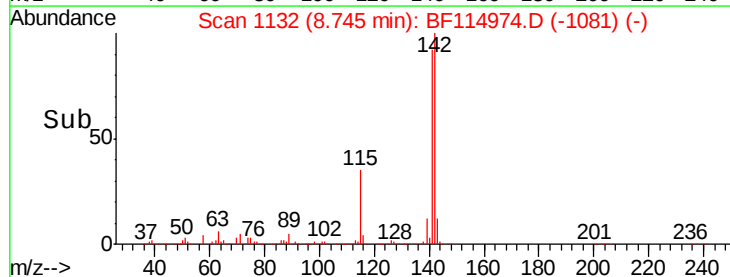
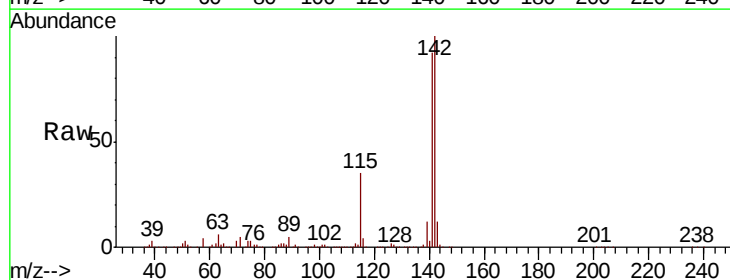
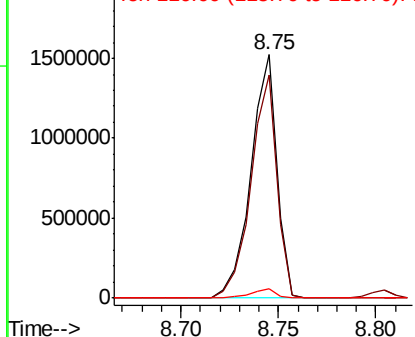
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.7	2.9	4.3

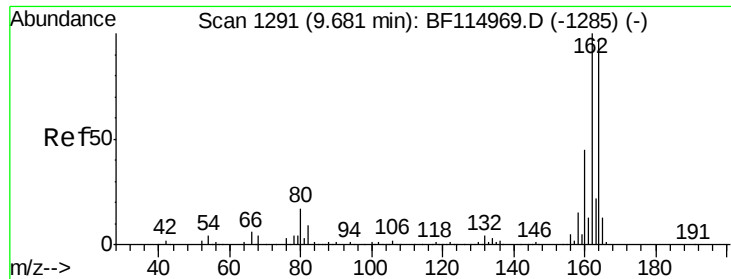
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





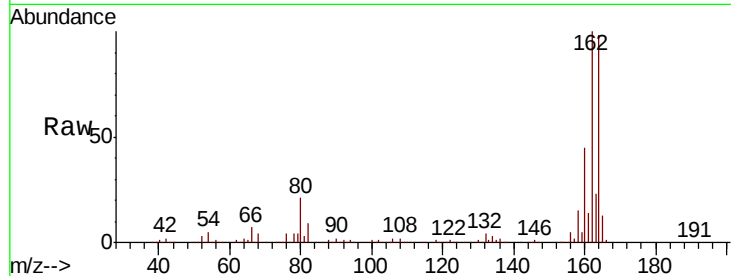
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	124.0
160	45.9	36.9	55.3

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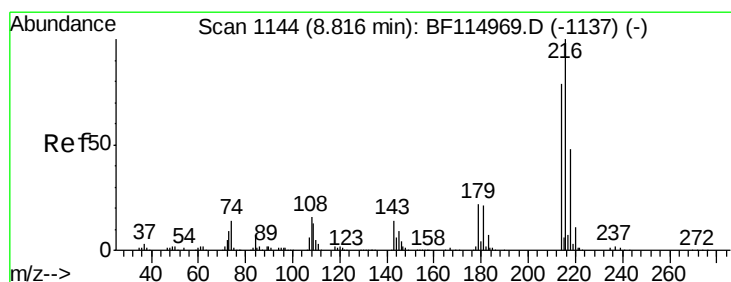
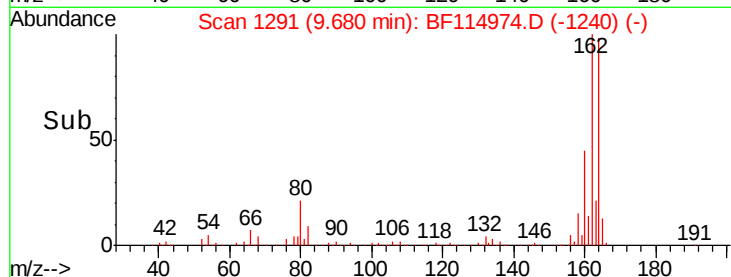
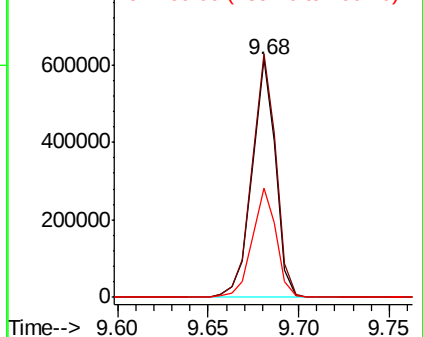


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.964 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	22.9	18.2	27.4
108	18.9	15.0	22.6

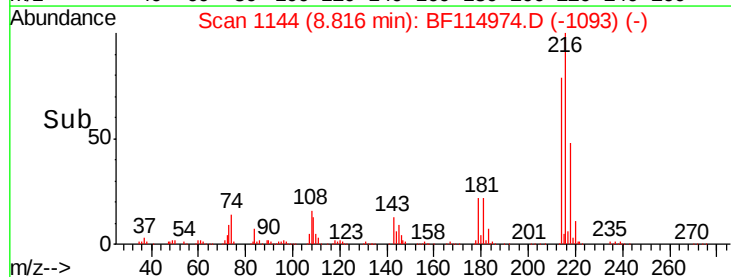
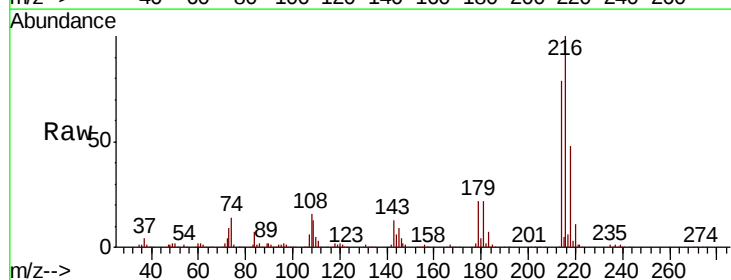
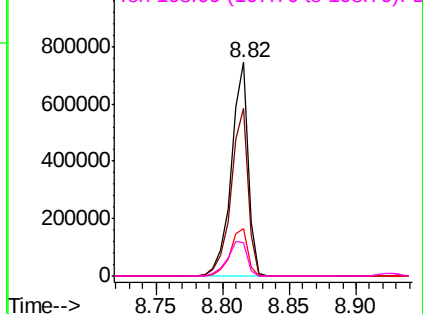
Abundance

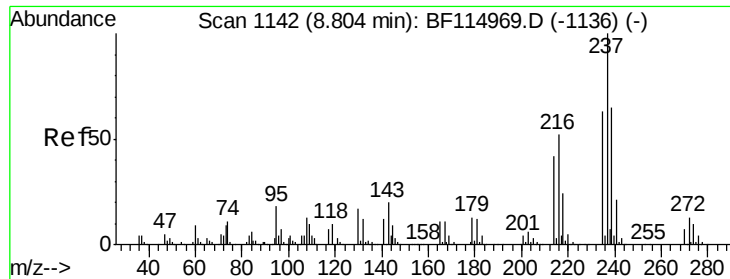
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





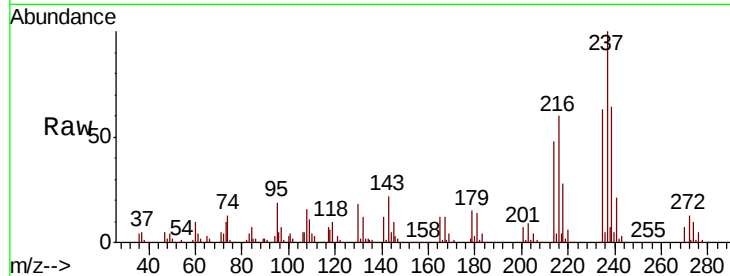
#41
Hexachlorocyclopentadiene
Concen: 40.696 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

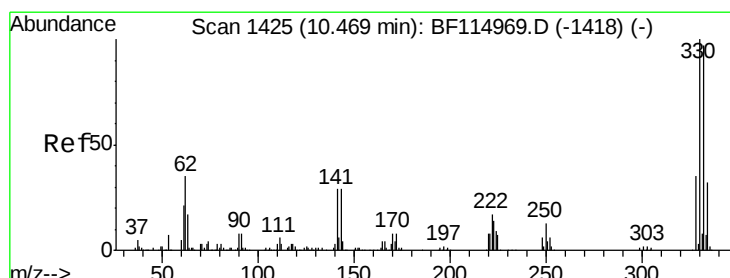
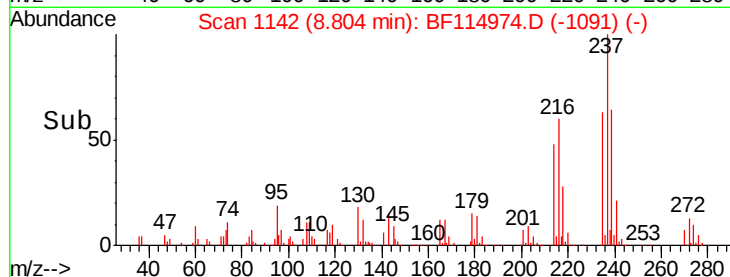
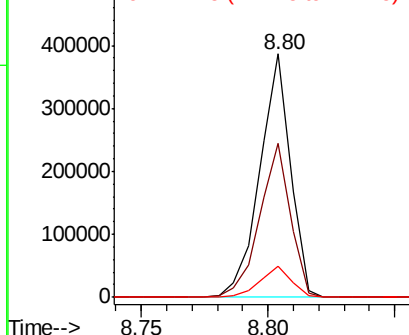
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	42.7	82.7	
272	13.0	0.0	32.7	

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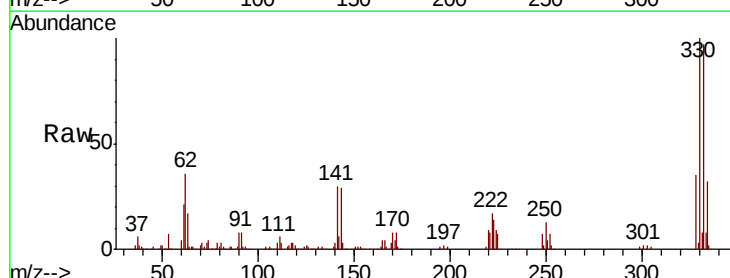


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

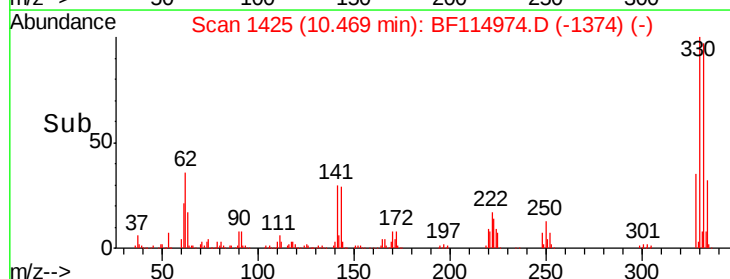
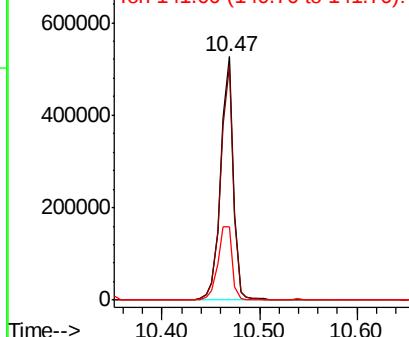


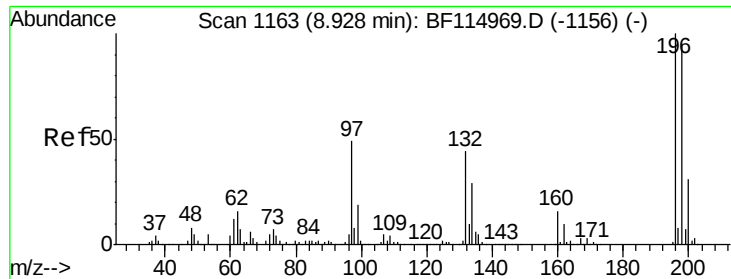
#42
2,4,6-Tribromophenol
Concen: 81.146 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.6	116.4	
141	34.4	27.2	40.8	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





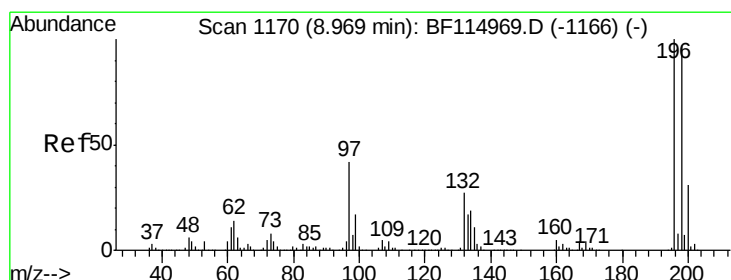
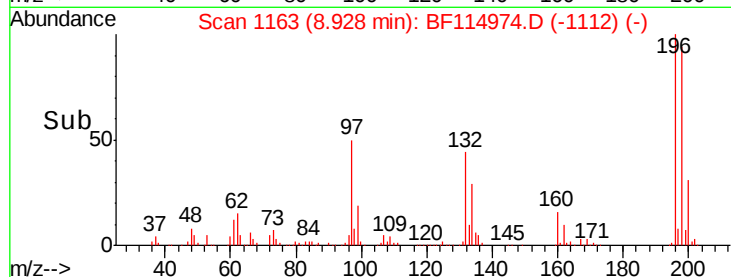
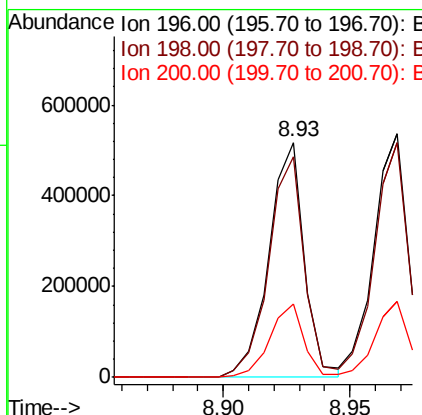
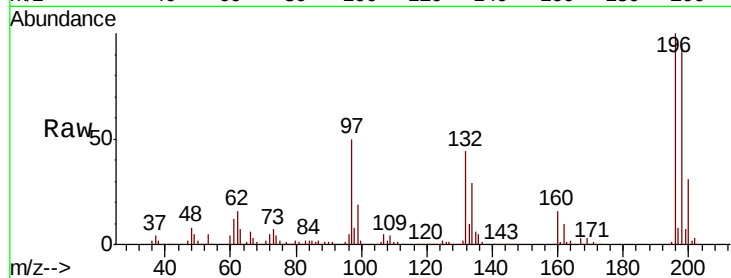
#43
2,4,6-Trichlorophenol
Concen: 41.768 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Resp	Lower	Upper
196	100	506974		
198	94.0		75.8	113.8
200	31.1		24.9	37.3

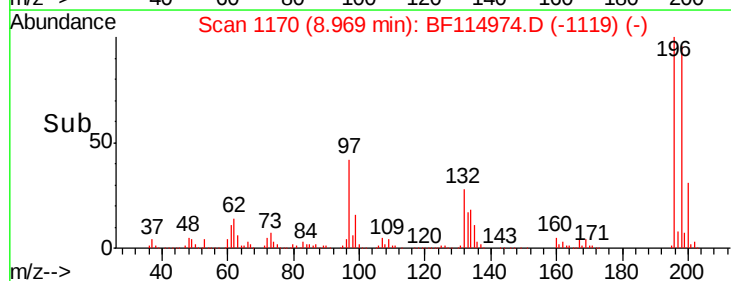
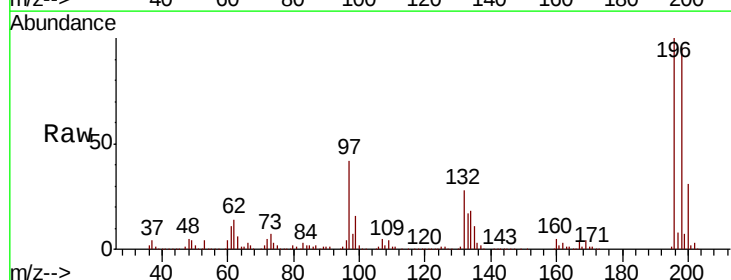
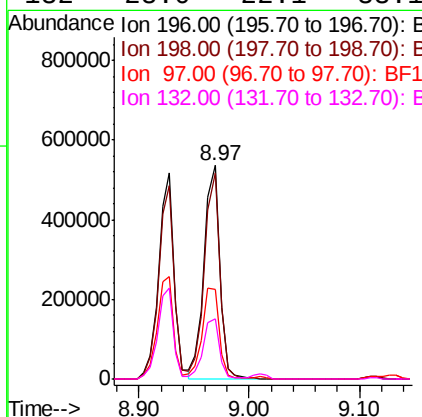
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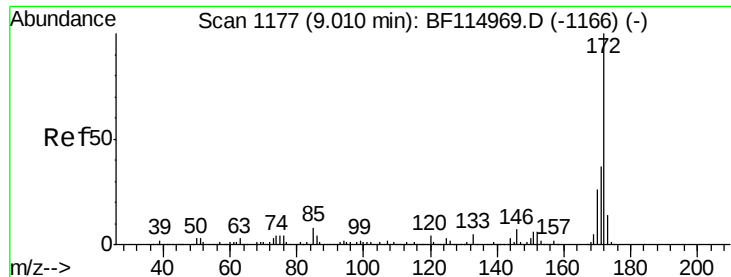
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#44
2,4,5-Trichlorophenol
Concen: 41.753 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	512156		
198	96.3		77.3	115.9
97	42.3		34.2	51.4
132	28.0		22.1	33.1





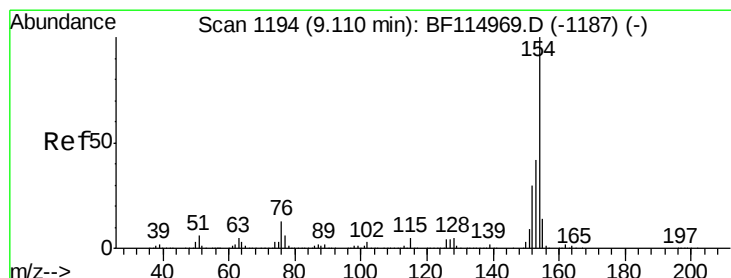
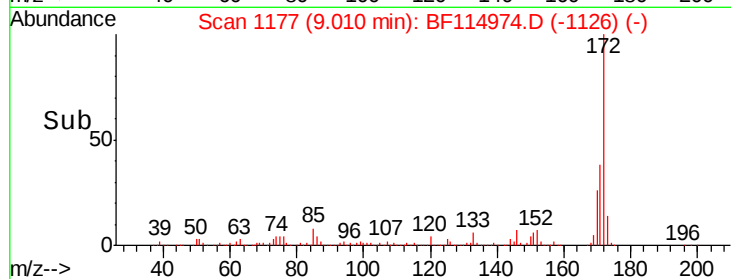
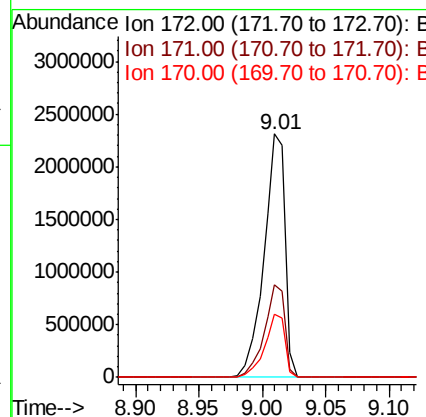
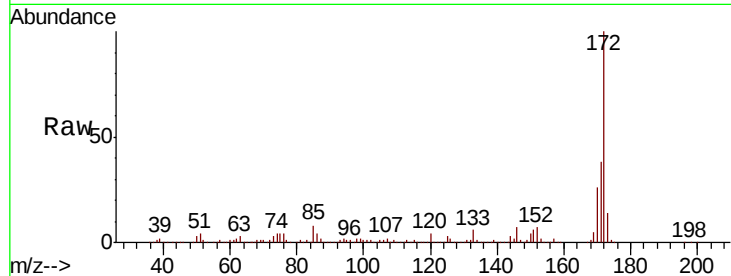
#45
2-Fluorobiphenyl
Concen: 82.704 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.8	20.6	31.0

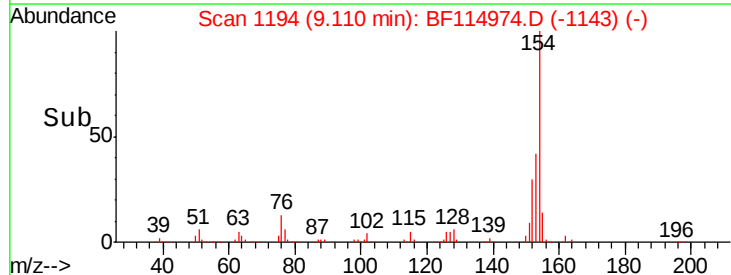
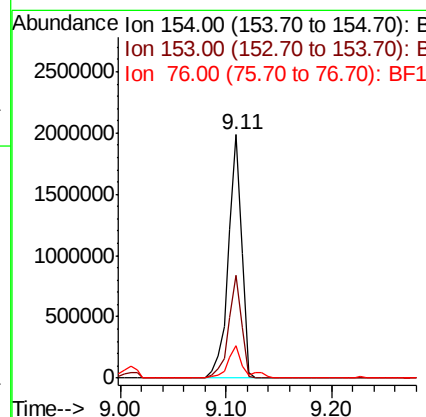
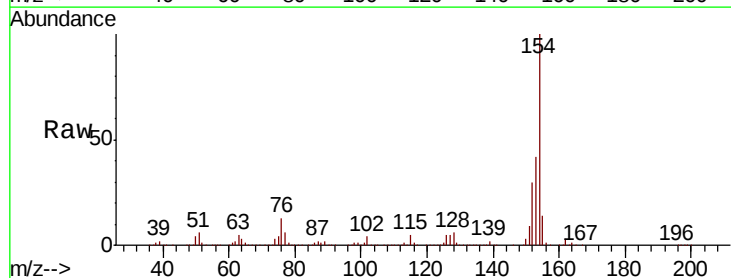
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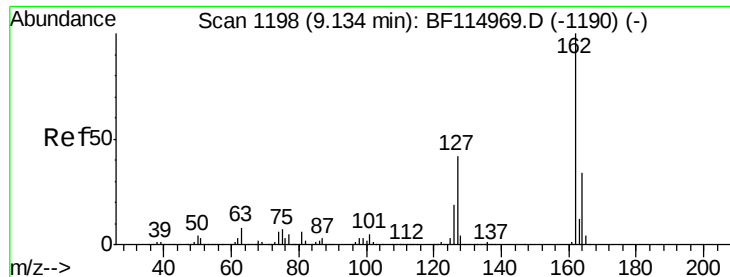
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#46
1,1'-Biphenyl
Concen: 39.568 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.4	62.4
76	13.4	0.0	33.3





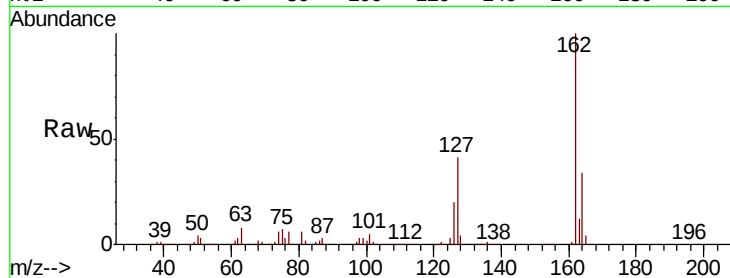
#47
 2-Chloronaphthalene
 Concen: 40.905 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

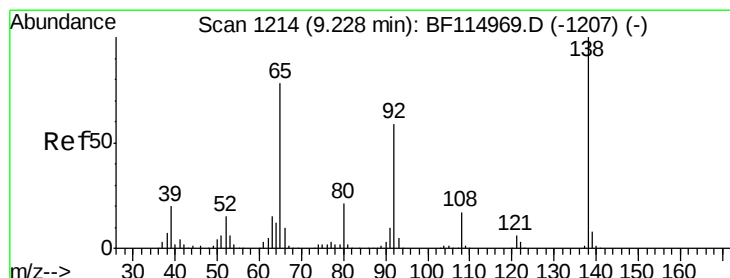
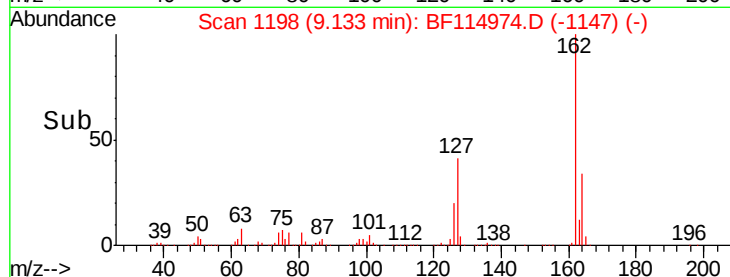
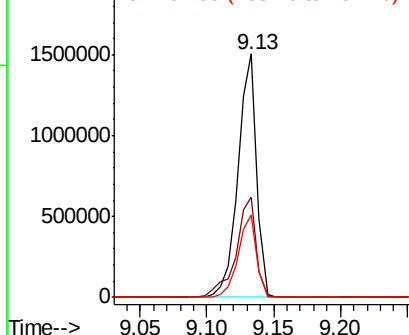
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.4	50.2
164	34.0	27.2	40.8

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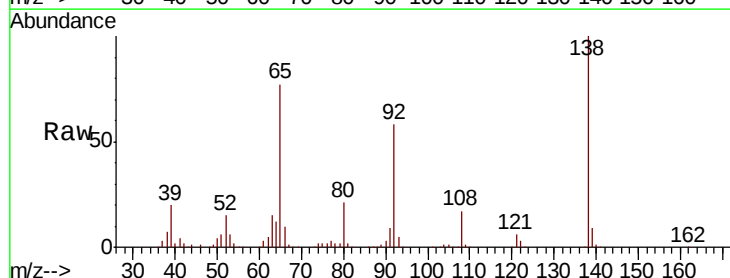


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

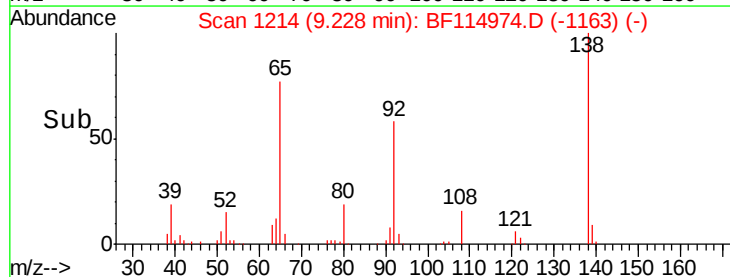
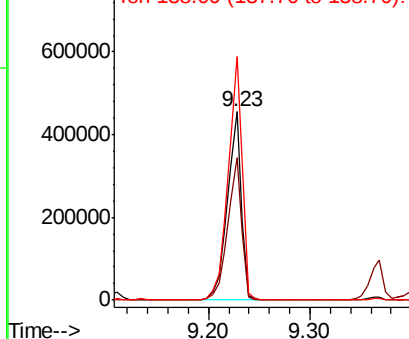


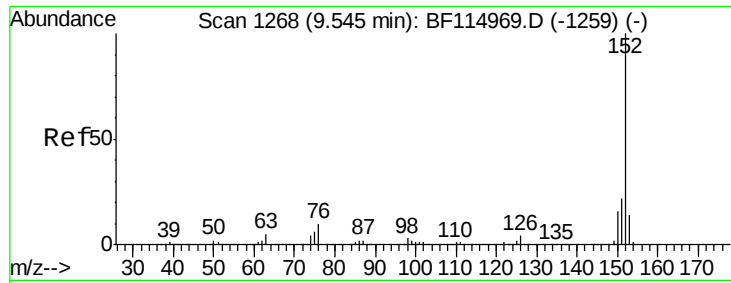
#48
 2-Nitroaniline
 Concen: 41.364 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.5	90.7
138	129.5	102.0	153.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 800000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.469 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:152 Resp: 2163012

Ion Ratio Lower Upper

152 100

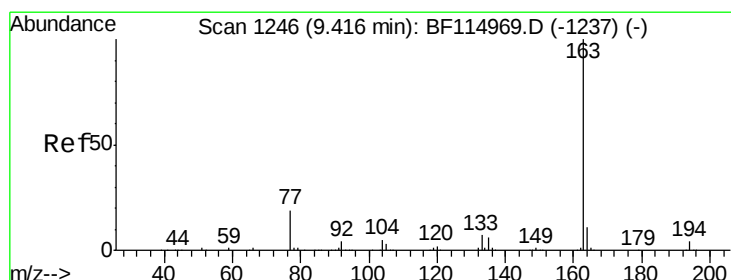
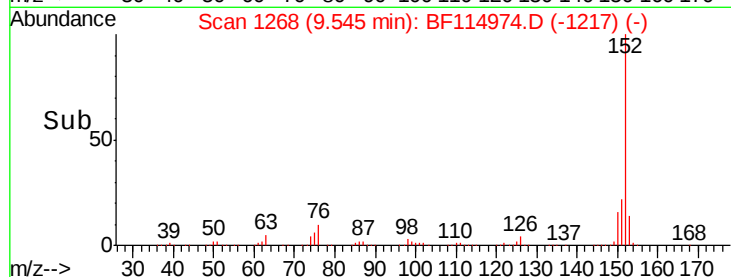
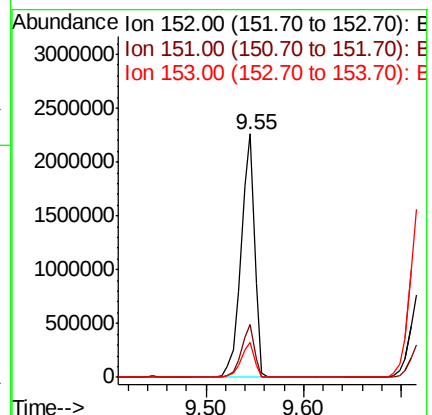
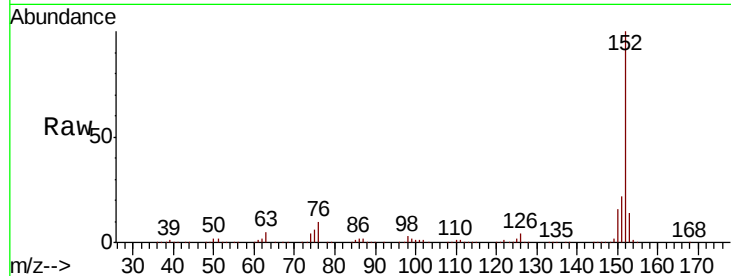
151 21.7 17.5 26.3

153 14.2 11.2 16.8

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#50

Dimethylphthalate

Concen: 41.056 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

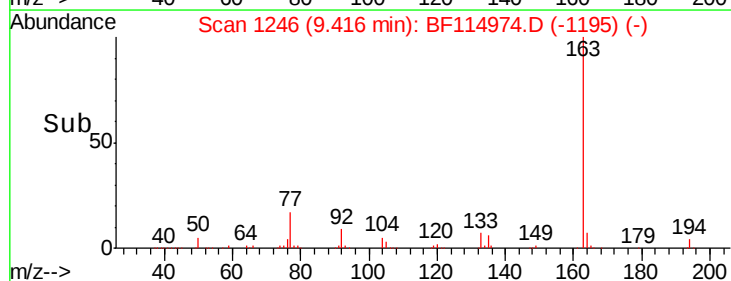
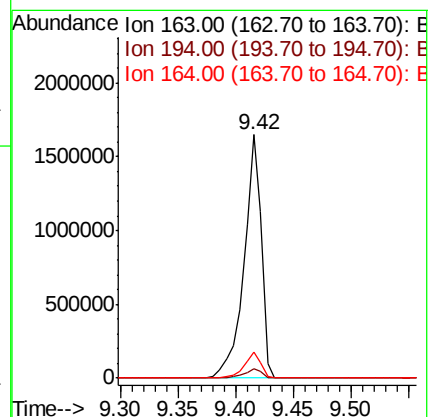
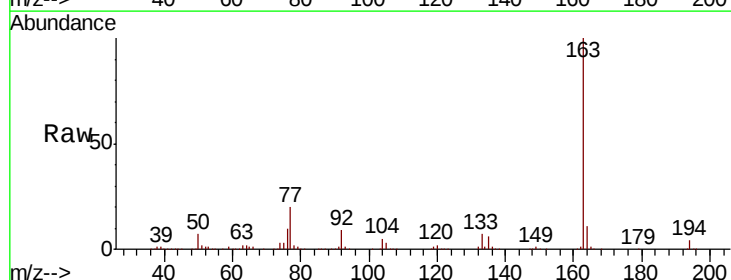
Tgt Ion:163 Resp: 1698351

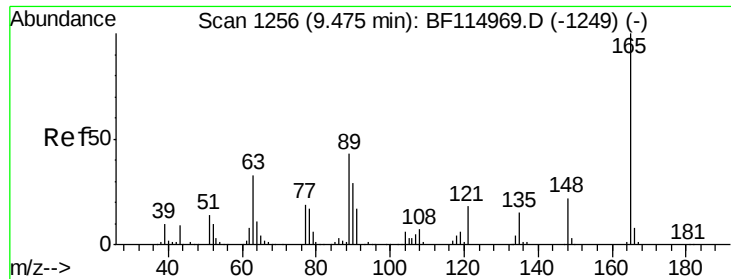
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.6 12.8





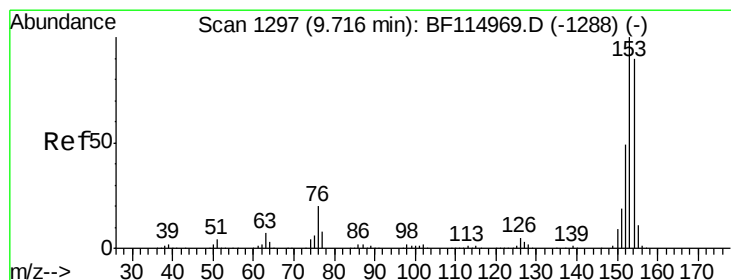
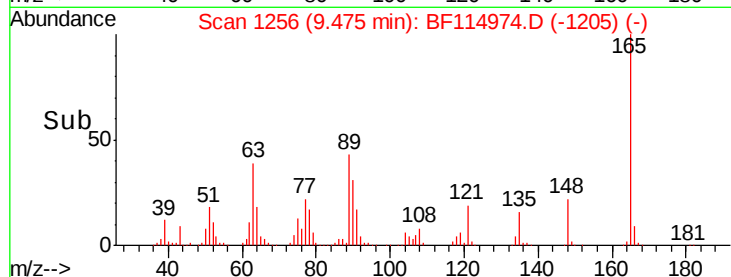
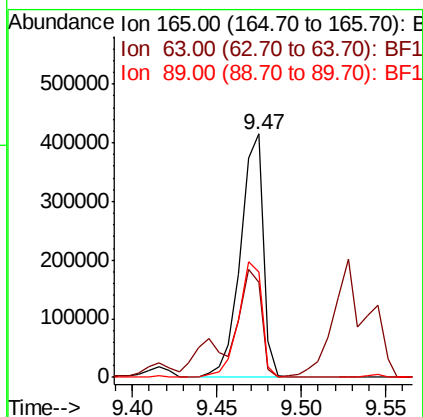
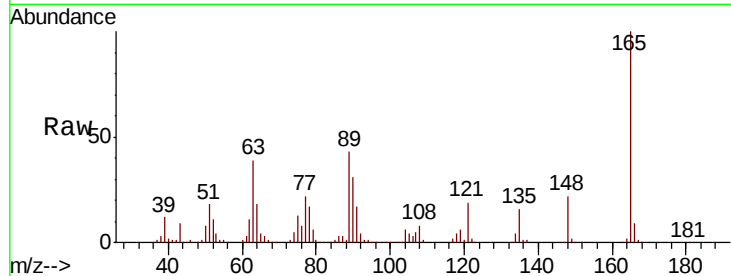
#51
2,6-Dinitrotoluene
Concen: 41.930 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Resp	Lower	Upper
165	100	393447		
63	39.3		30.6	46.0
89	43.5		34.4	51.6

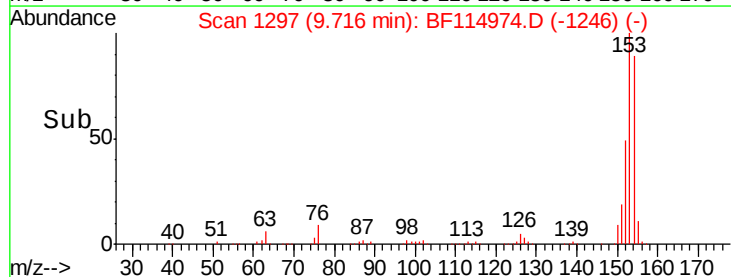
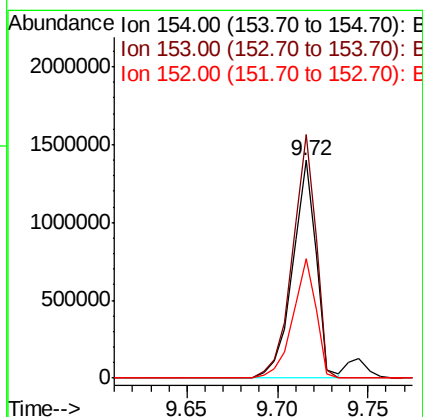
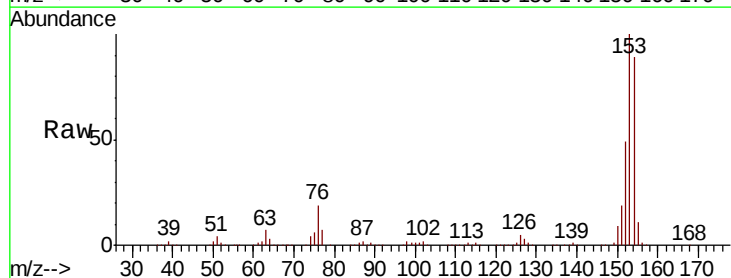
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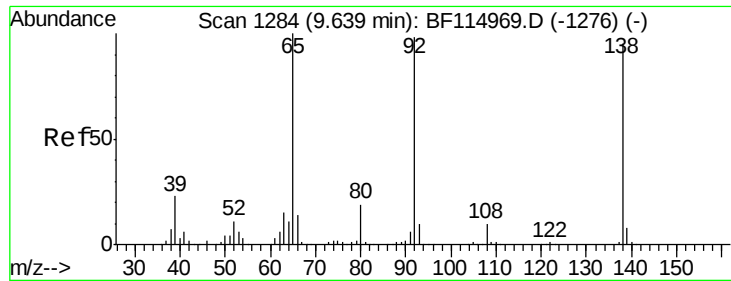
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#52
Acenaphthene
Concen: 40.967 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1284481		
153	111.7		88.5	132.7
152	54.7		43.6	65.4





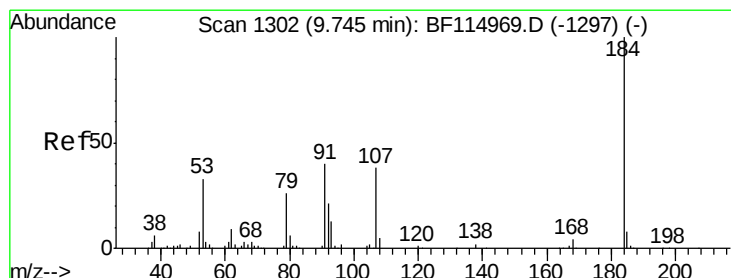
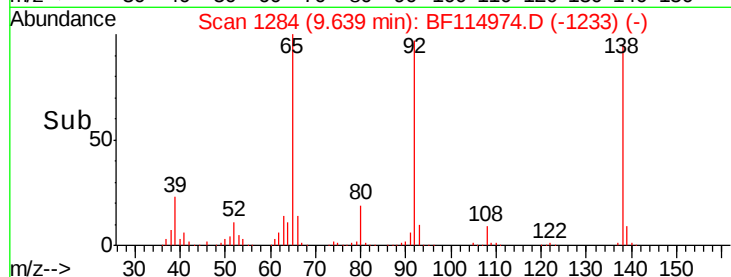
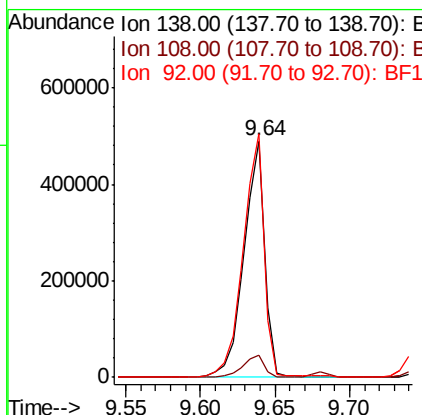
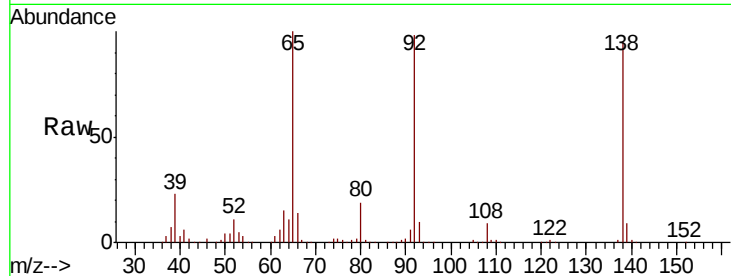
#53
3-Nitroaniline
Concen: 41.093 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	103.1	82.4	123.6

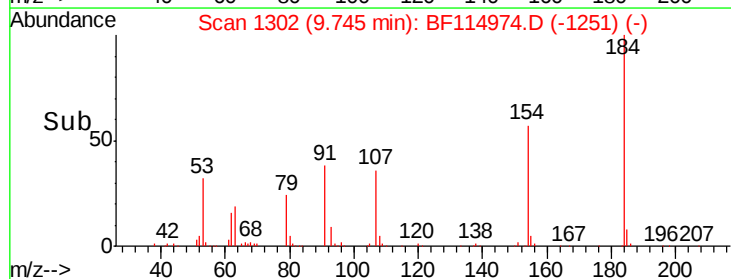
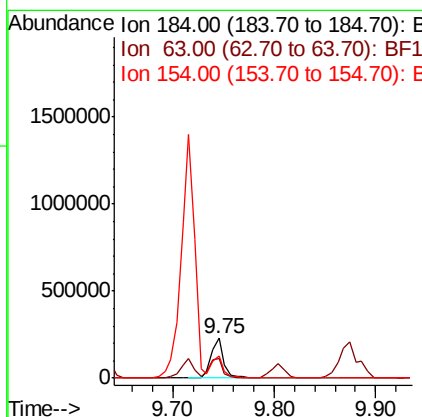
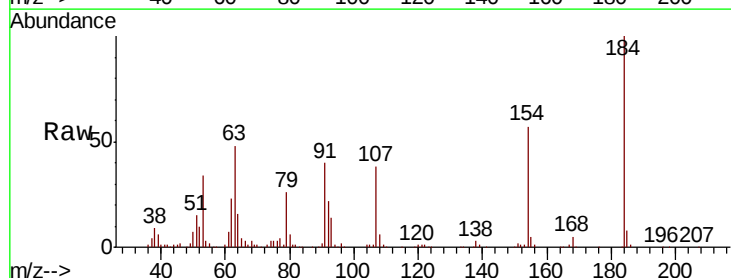
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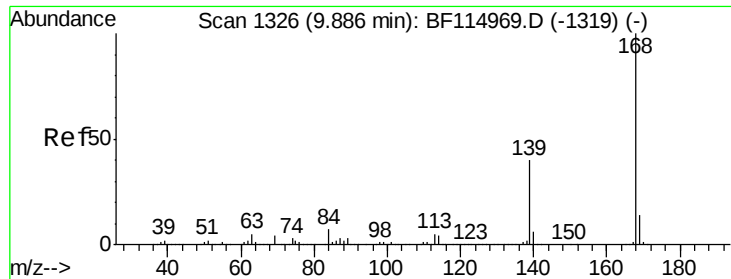
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#54
2,4-Dinitrophenol
Concen: 45.236 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.9	40.5	60.7
154	56.9	44.8	67.2





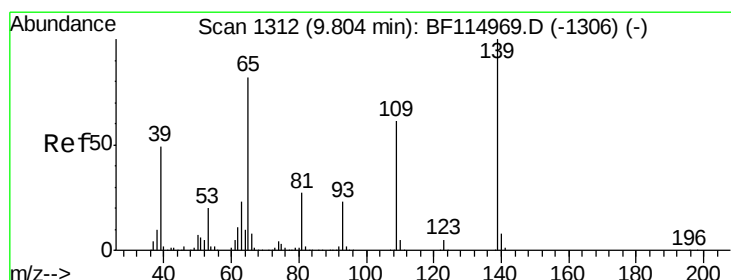
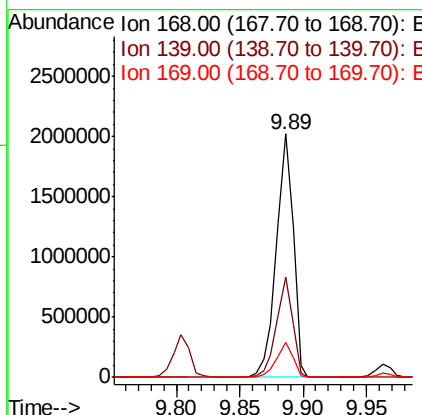
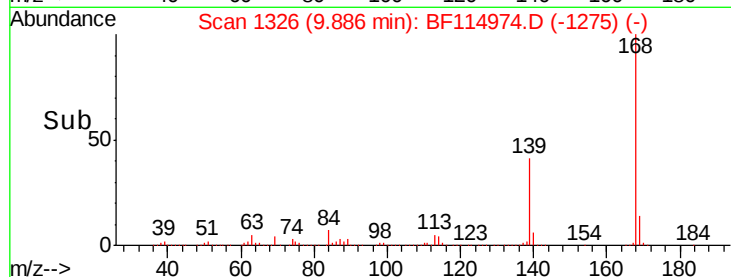
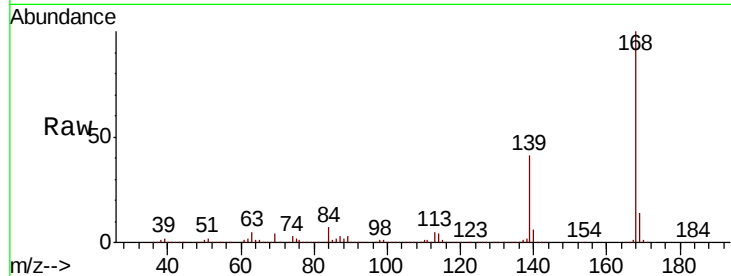
#55
Dibenzofuran
Concen: 39.608 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.5	48.7
169	14.4	11.5	17.3

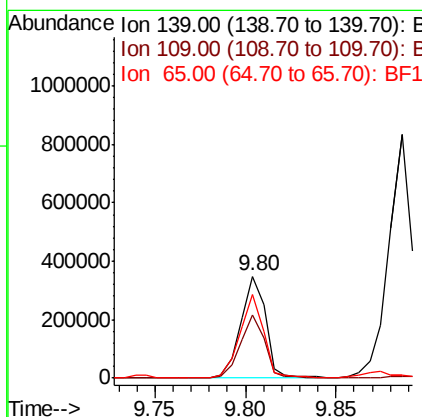
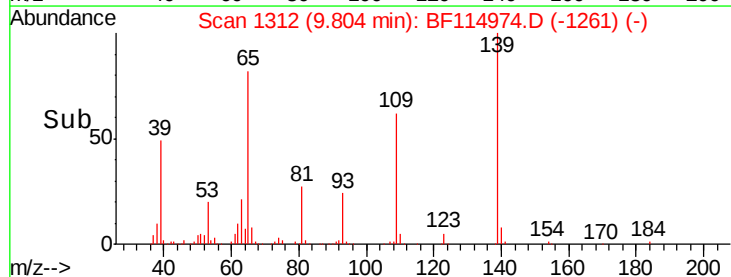
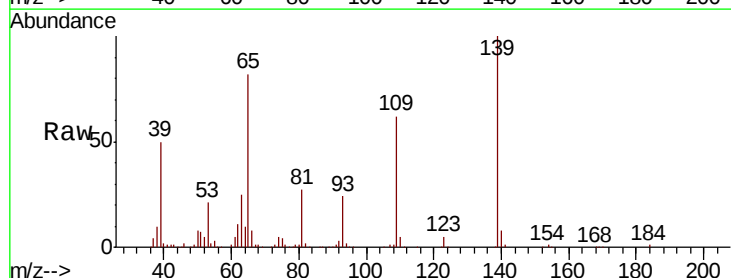
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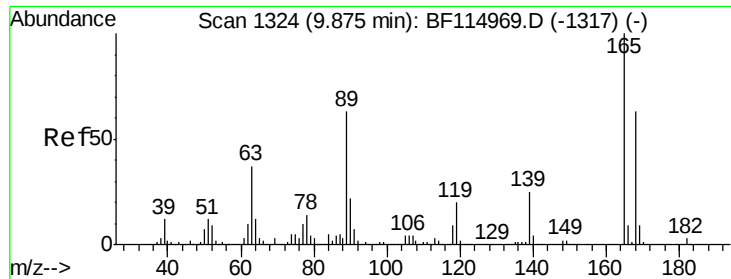
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#56
4-Nitrophenol
Concen: 42.438 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	41.4	81.4
65	82.4	62.7	102.7





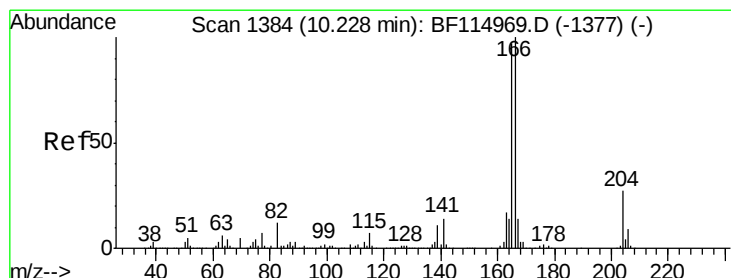
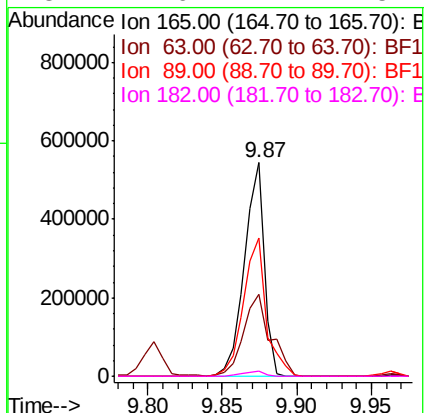
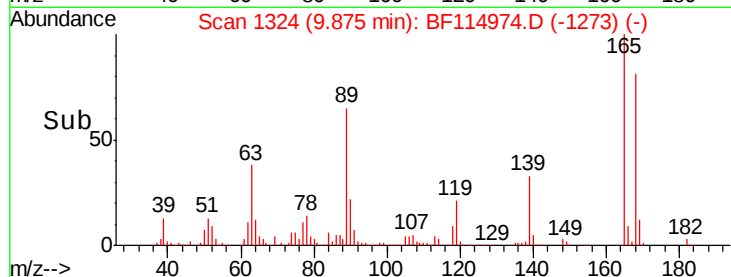
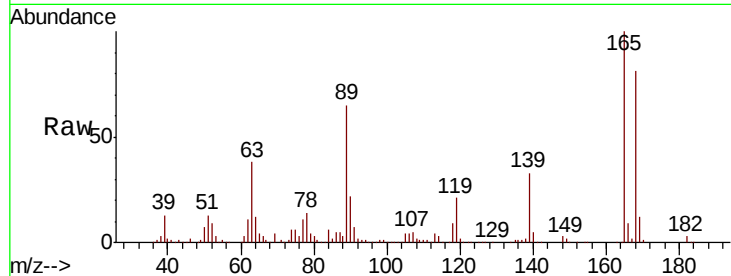
#57
2,4-Dinitrotoluene
Concen: 42.306 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	29.4	44.2
89	64.6	50.6	75.8
182	2.6	2.2	3.2

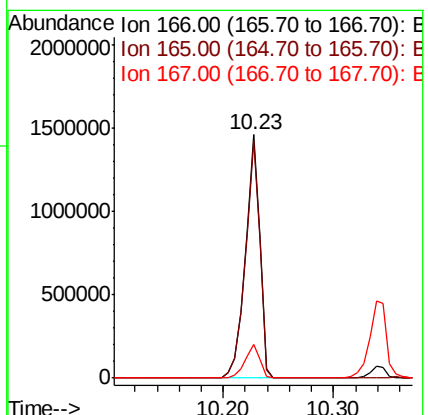
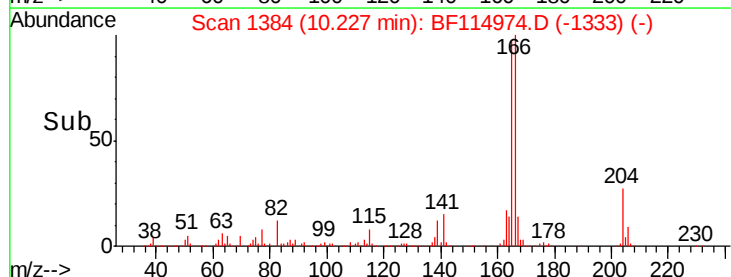
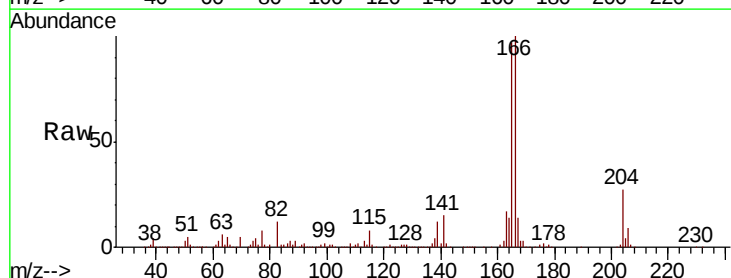
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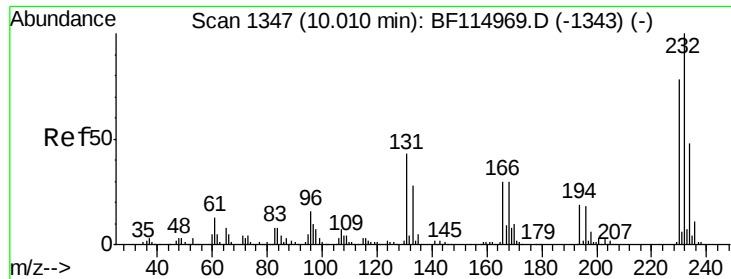
mohammad
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#58
Fluorene
Concen: 42.282 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	13.6	11.0	16.4





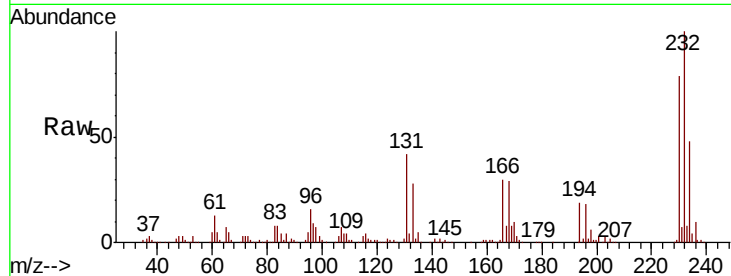
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.638 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

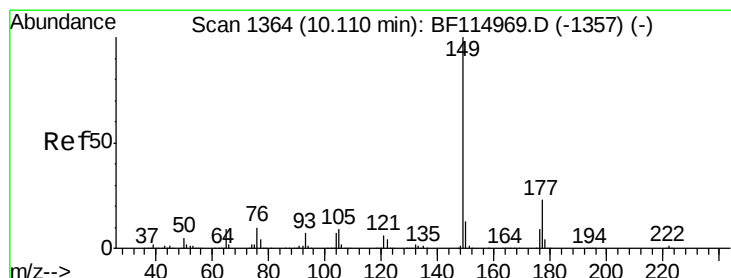
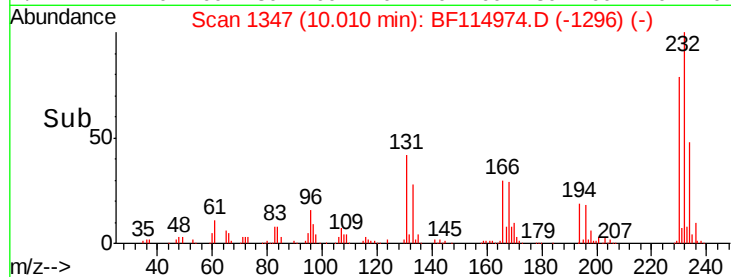
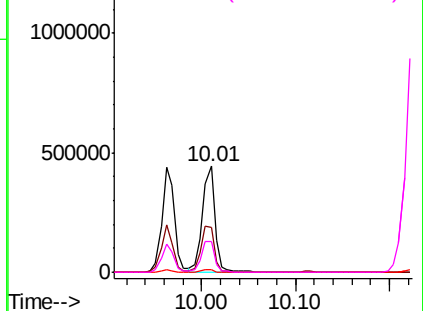
Tot Ion:	232	Resp:	412558
Ion Ratio	Lower	Upper	
232	100		
131	46.6	36.9	55.3
130	2.3	1.8	2.6
166	31.5	24.8	37.2

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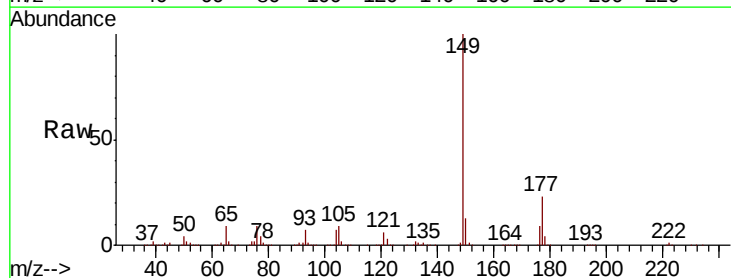


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

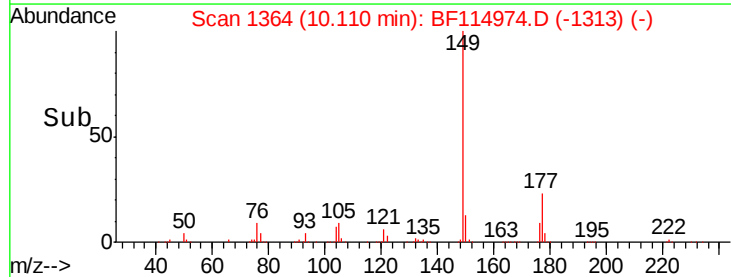
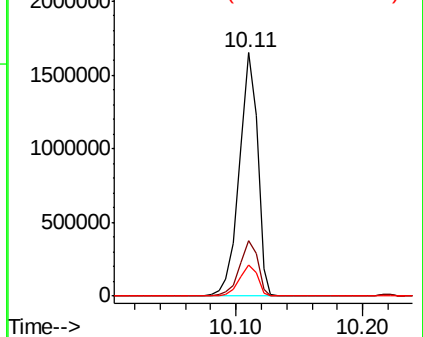


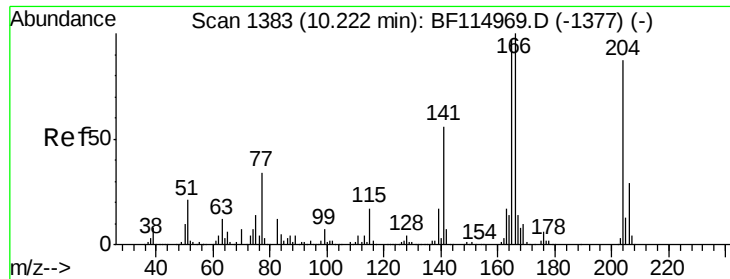
#60
 Diethylphthalate
 Concen: 41.278 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:	149	Resp:	1632670
Ion Ratio	Lower	Upper	
149	100		
177	22.9	18.6	27.8
150	12.9	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





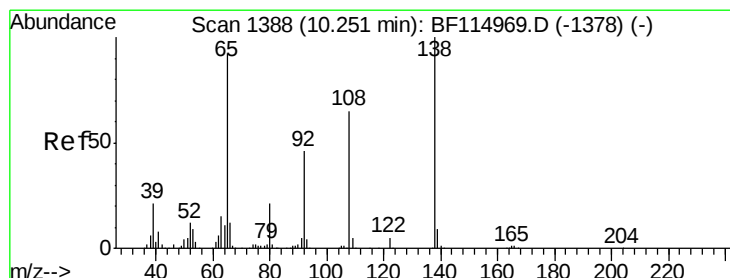
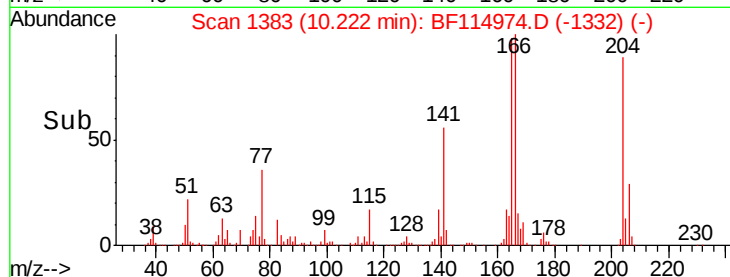
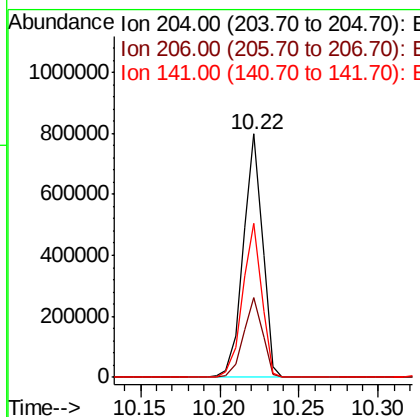
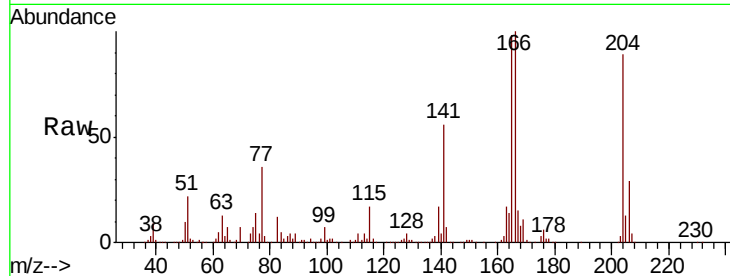
#61
 4-Chlorophenyl-phenylether
 Concen: 42.397 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Tot Ion:	204	Resp:	668725
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	63.3	51.8	77.8

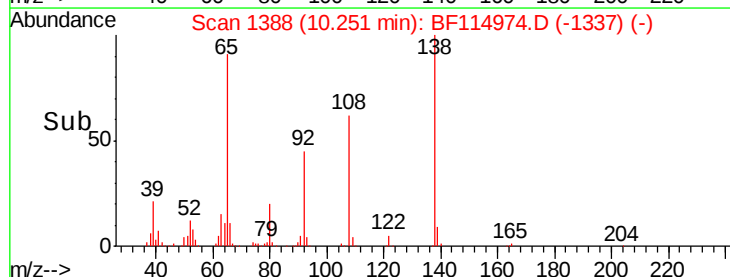
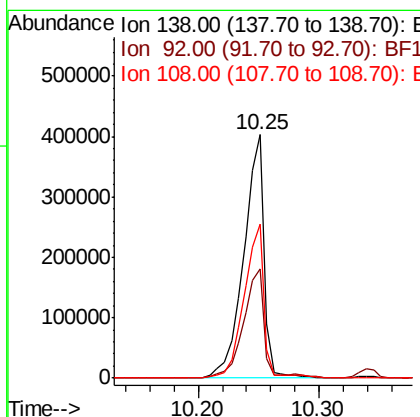
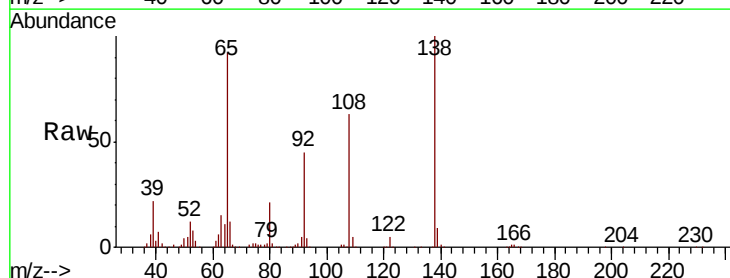
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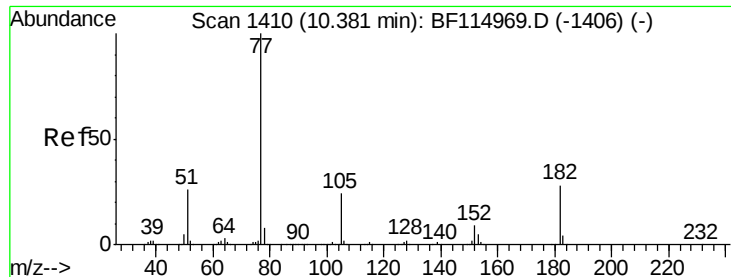
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#62
 4-Nitroaniline
 Concen: 41.339 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:	138	Resp:	477850
Ion Ratio	Lower	Upper	
138	100		
92	44.8	25.7	65.7
108	63.0	44.6	84.6





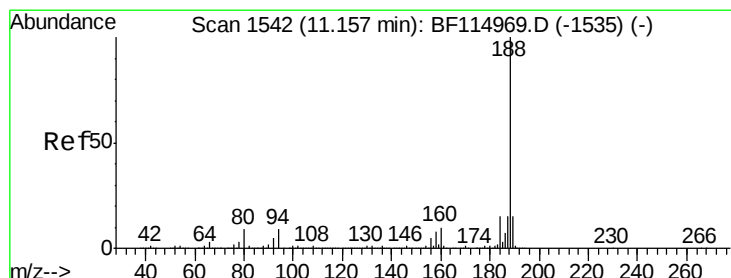
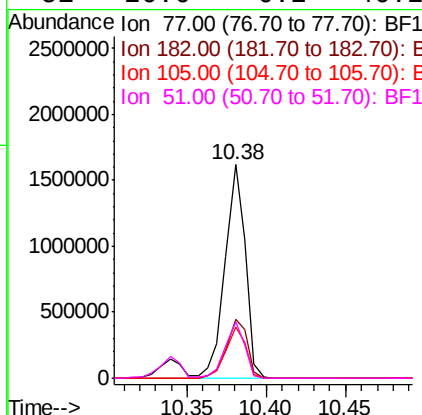
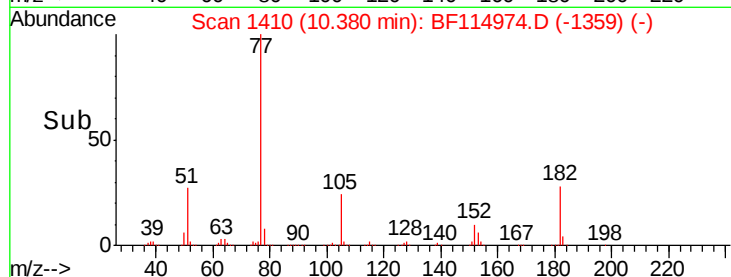
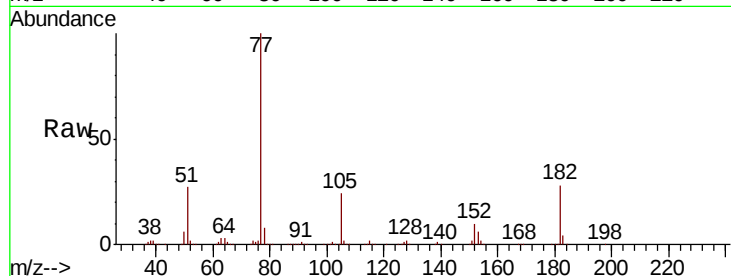
#63
Azobenzene
Concen: 41.344 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.4	47.4
105	24.2	4.2	44.2
51	26.6	6.2	46.2

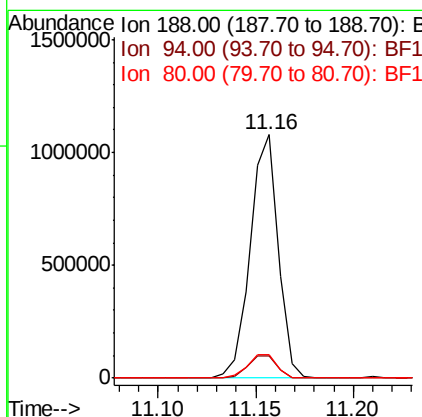
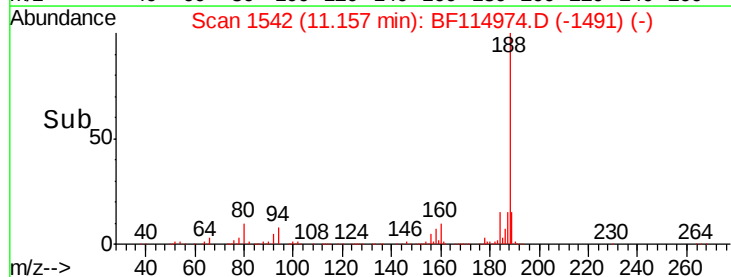
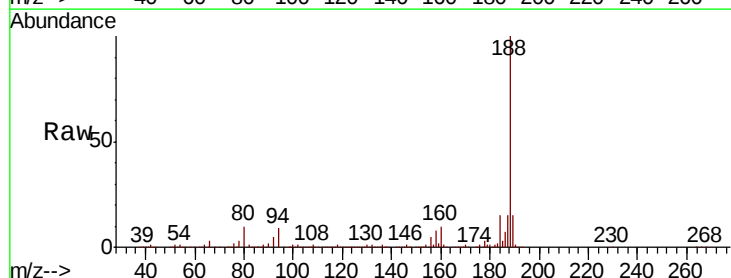
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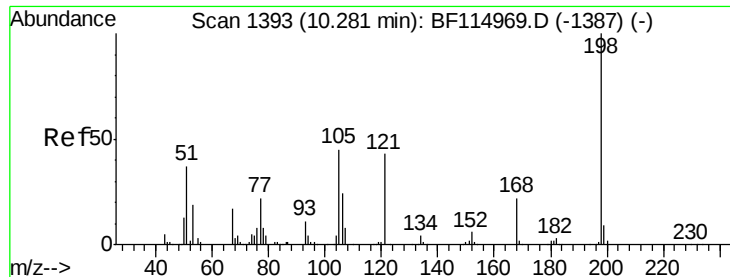
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 42.508 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:198 Resp: 254869

Ion Ratio Lower Upper

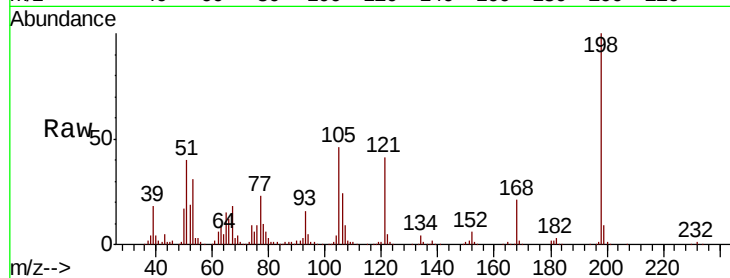
198 100

51 40.2 23.0 63.0

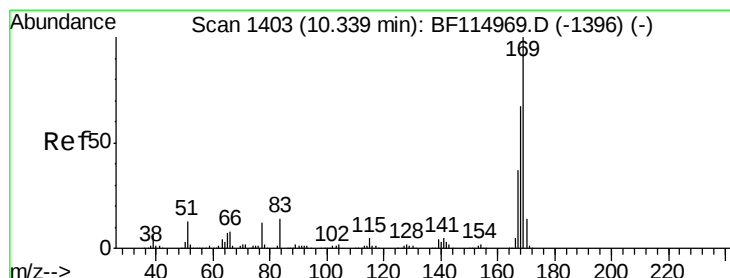
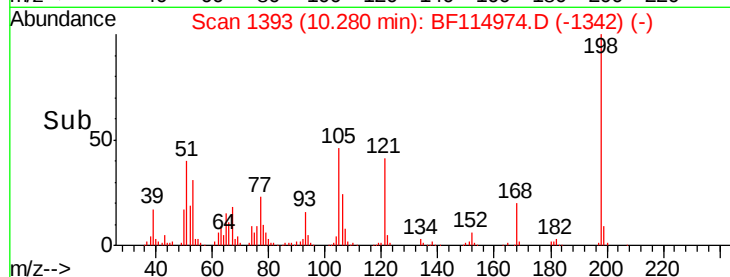
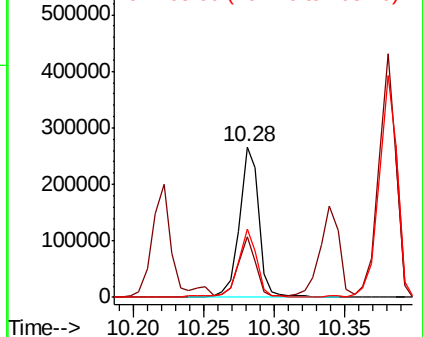
105 45.6 26.5 66.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.364 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

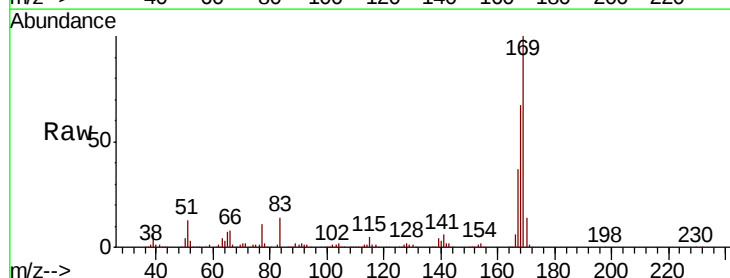
Tgt Ion:169 Resp: 1322700

Ion Ratio Lower Upper

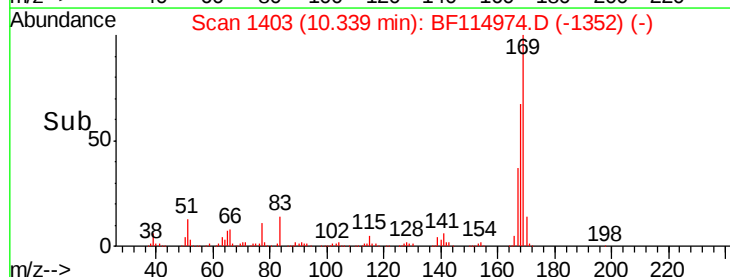
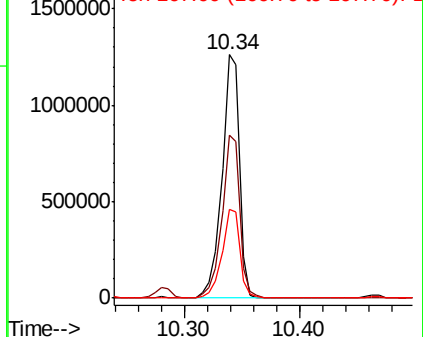
169 100

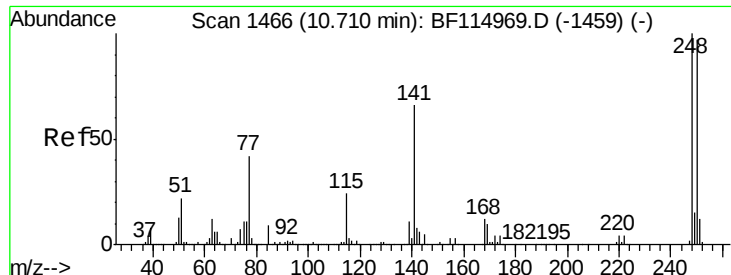
168 66.7 53.6 80.4

167 36.6 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





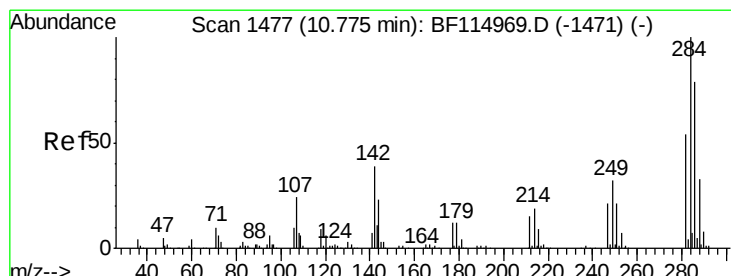
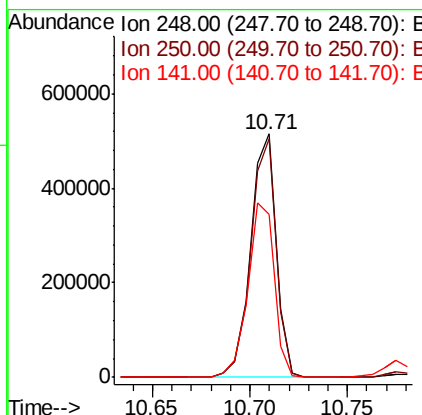
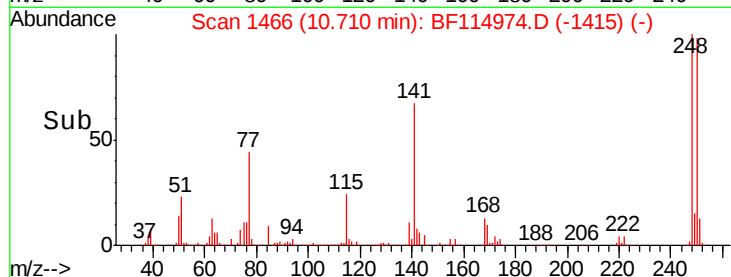
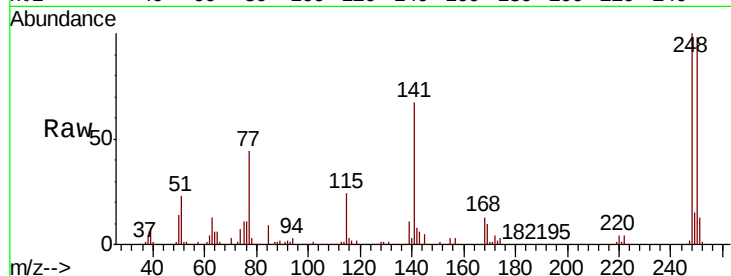
#67
 4-Bromophenyl-phenylether
 Concen: 40.809 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Tot Ion:	248	Resp:	468734
Ion Ratio	Lower	Upper	
248	100		
250	98.1	77.8	116.8
141	66.8	53.1	79.7

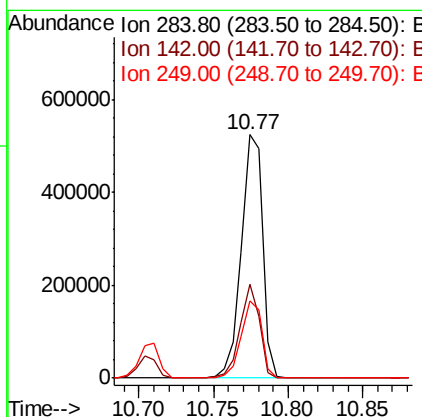
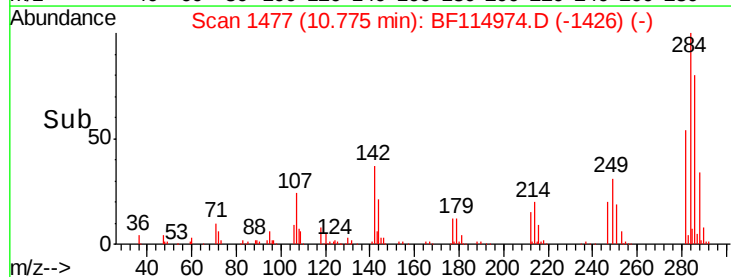
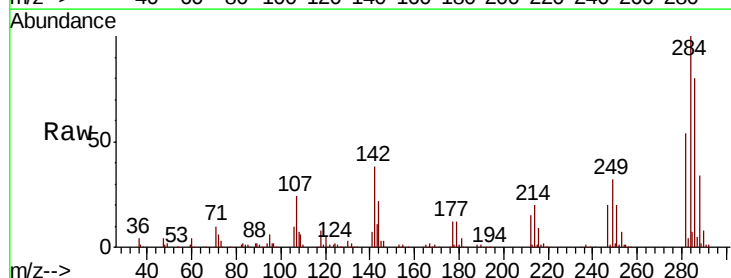
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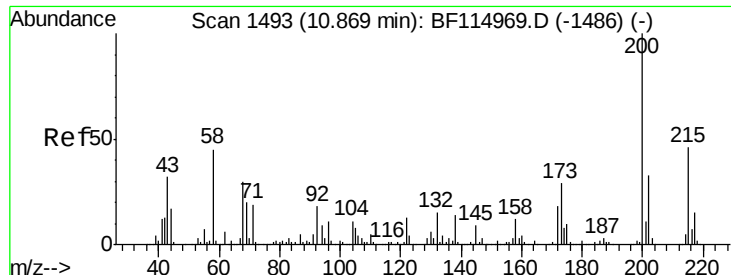
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.293 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion:	284	Resp:	522176
Ion Ratio	Lower	Upper	
284	100		
142	38.5	31.5	47.3
249	32.0	25.6	38.4





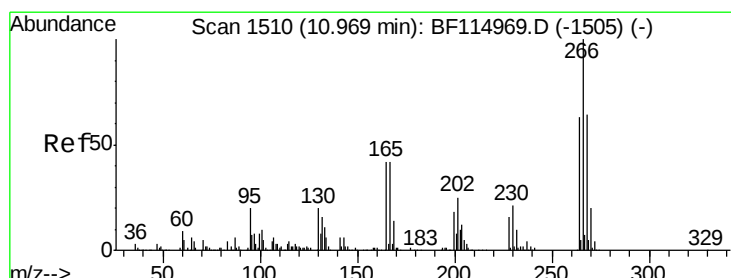
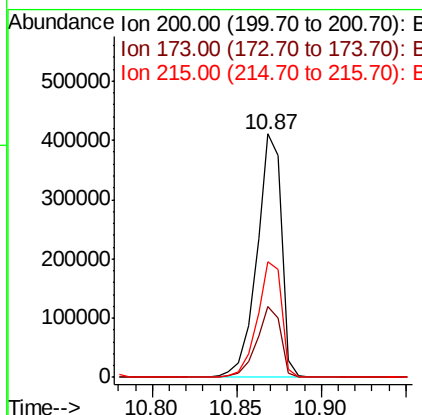
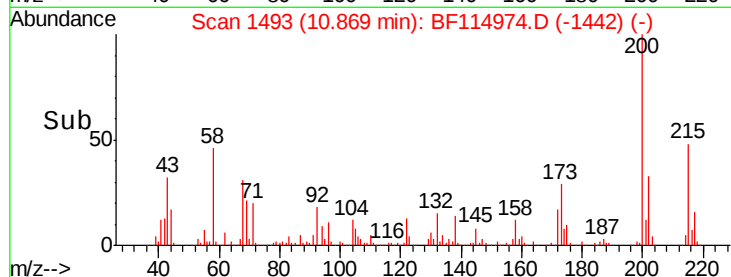
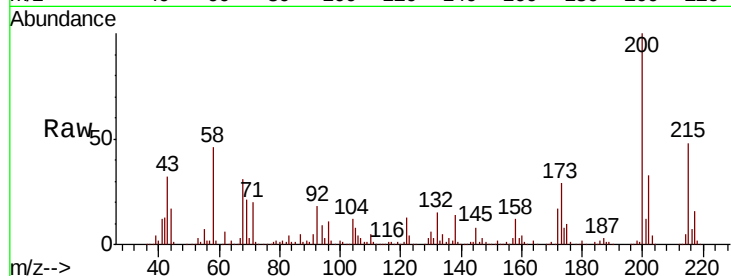
#69
 Atrazine
 Concen: 40.312 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061219

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.0	49.0
215	47.5	26.5	66.5

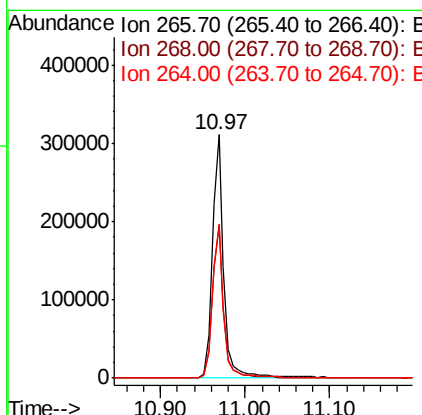
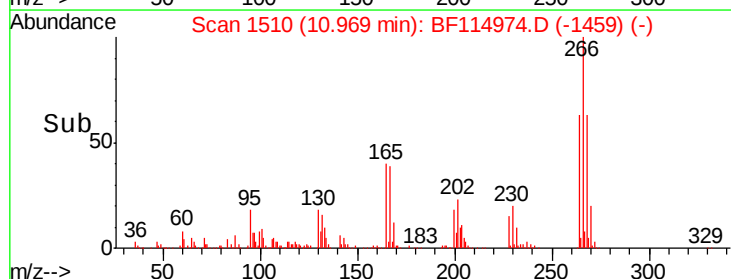
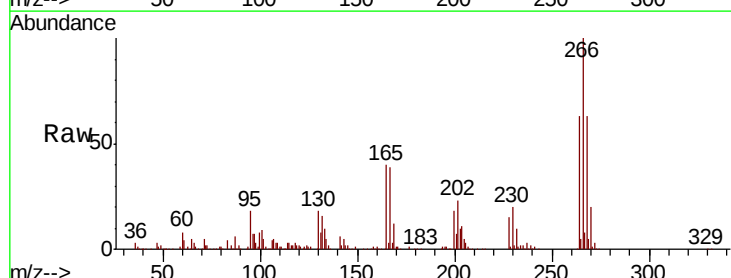
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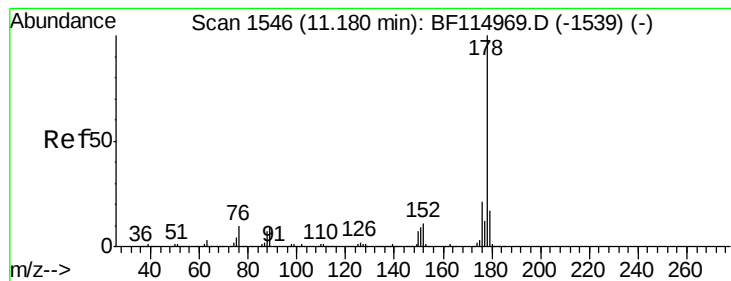
mohammad
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#70
 Pentachlorophenol
 Concen: 43.585 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF114974.D
 Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.4	77.2
264	63.2	50.3	75.5





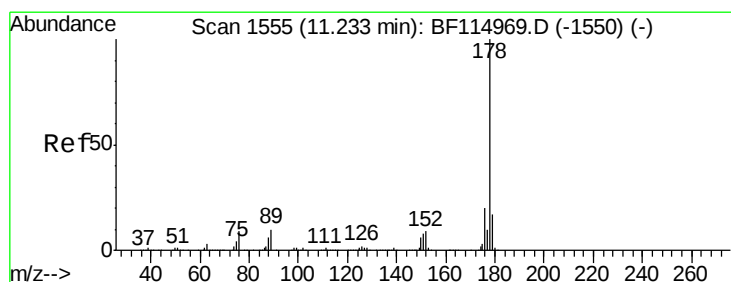
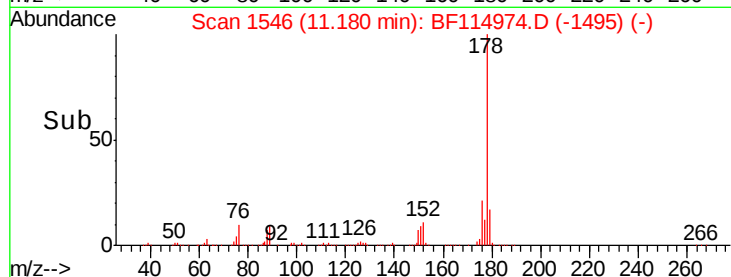
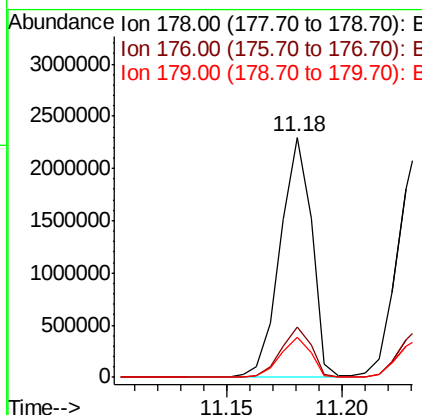
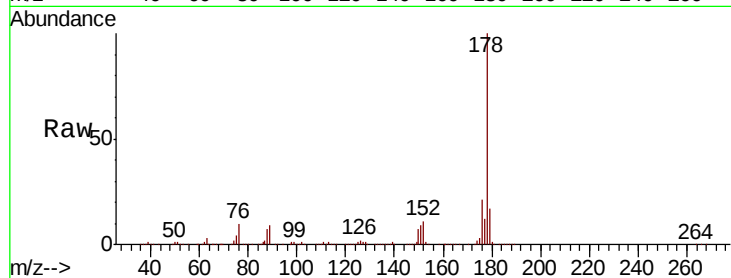
#71
Phenanthrene
Concen: 39.206 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.0	16.9	25.3	
179	16.6	13.4	20.0	

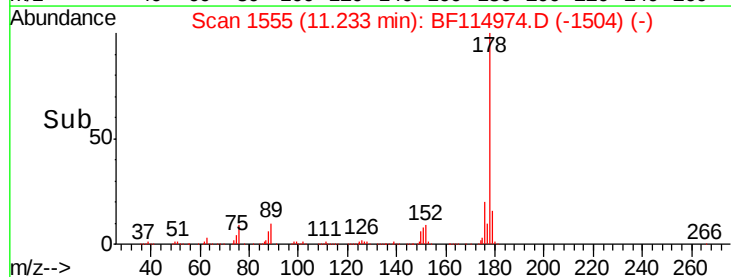
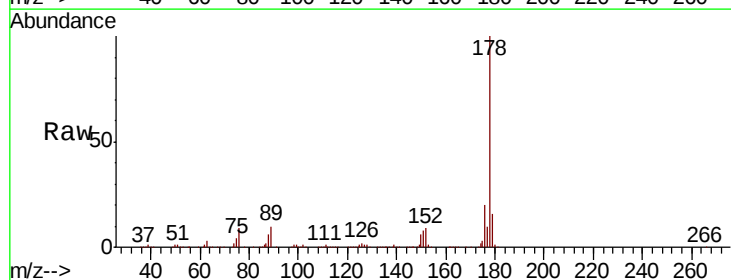
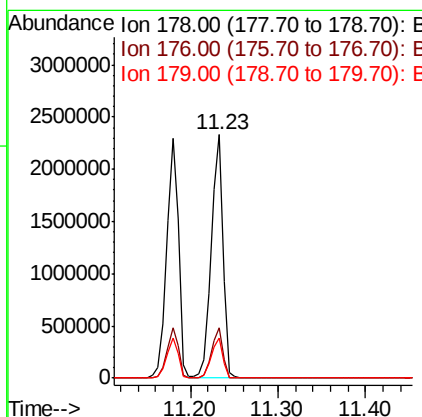
Manual Integrations
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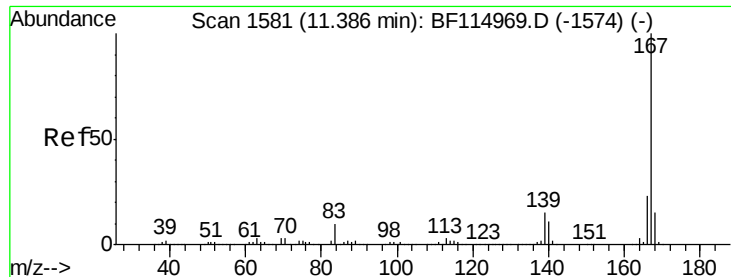
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#72
Anthracene
Concen: 39.239 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.4	16.2	24.4	
179	16.4	13.2	19.8	





#73

Carbazole

Concen: 41.112 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:167 Resp: 1999498

Ion Ratio Lower Upper

167 100

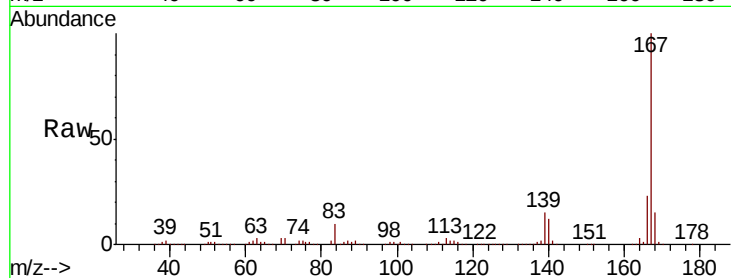
166 23.3 18.5 27.7

139 14.9 12.0 18.0

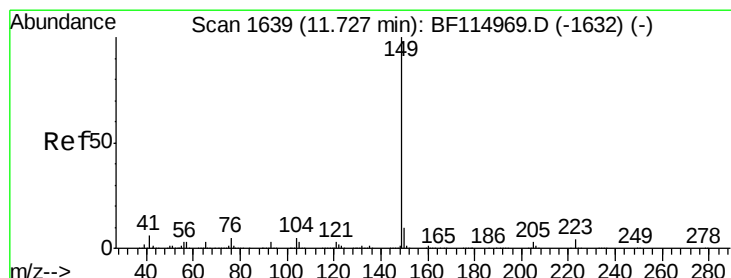
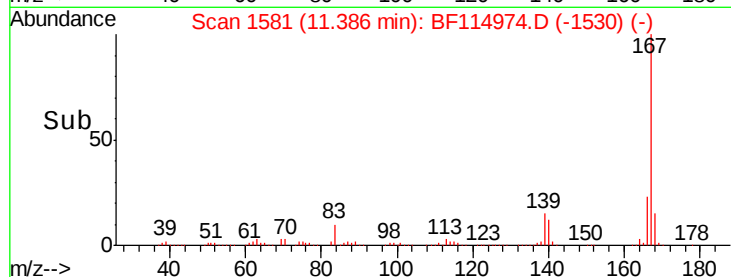
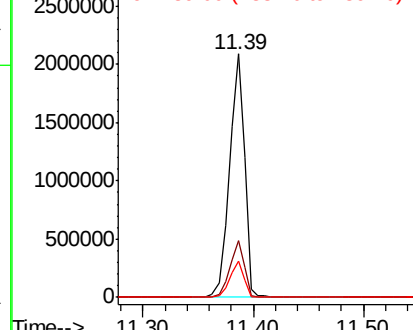
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.394 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

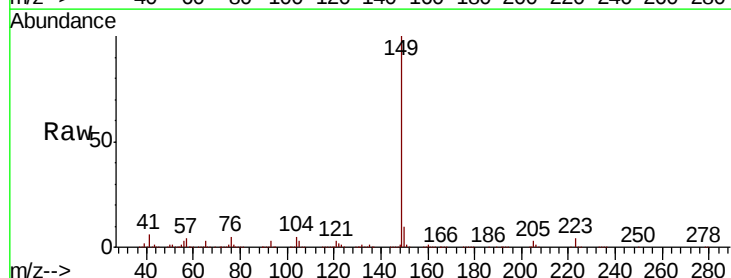
Tgt Ion:149 Resp: 2415405

Ion Ratio Lower Upper

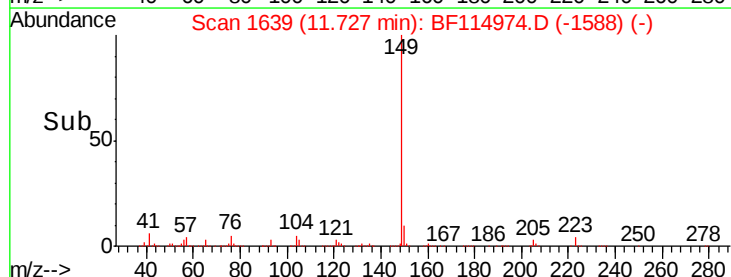
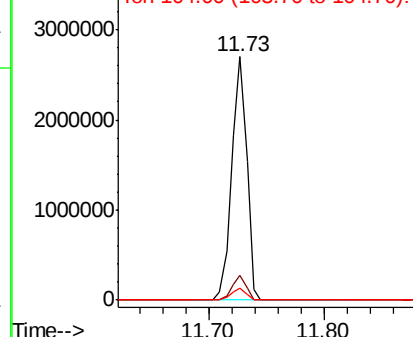
149 100

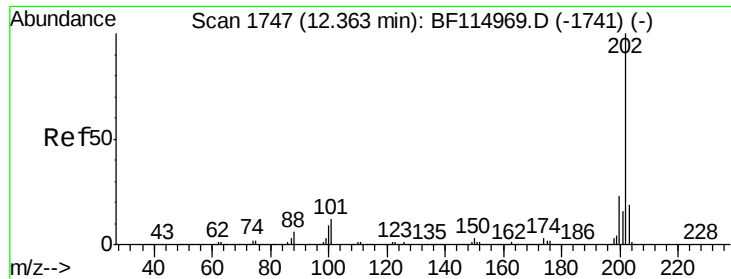
150 10.2 8.1 12.1

104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.307 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

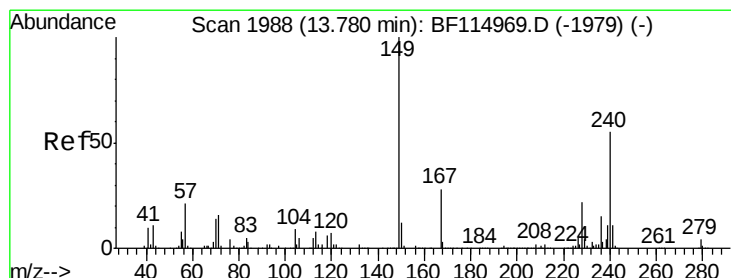
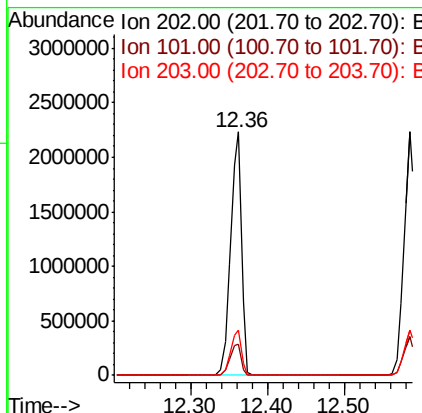
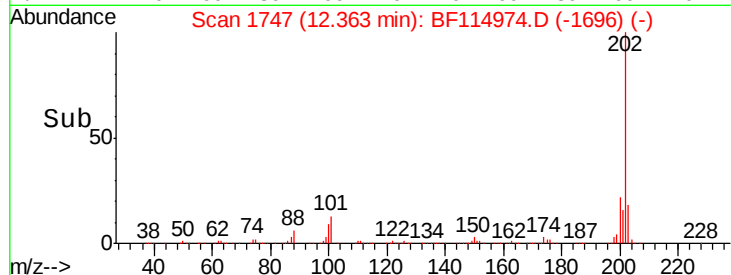
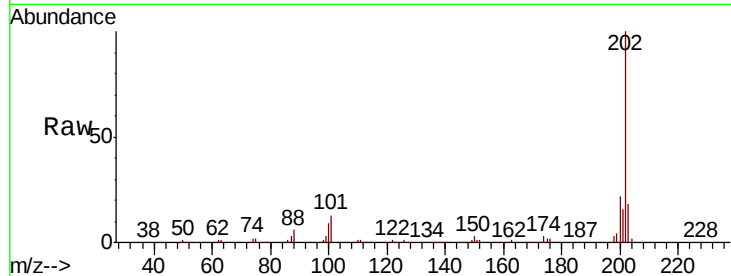
ClientSampleId :

ICVBF061219

Tot Ion:	202	Resp:	2220029
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.4
203	18.4	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

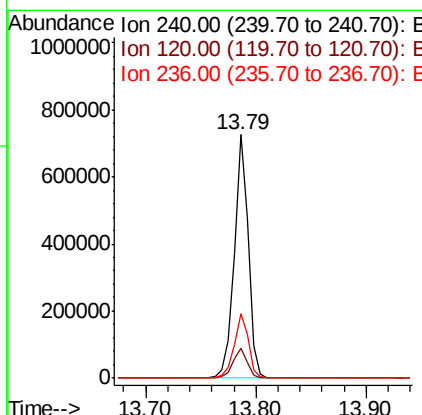
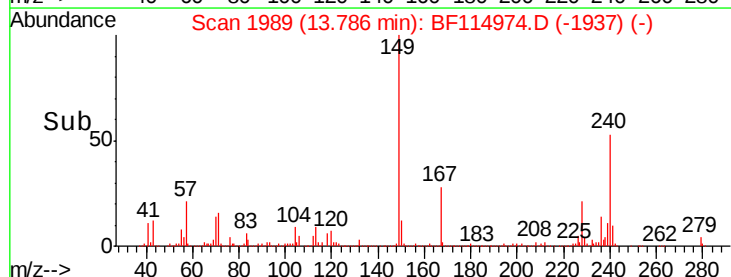
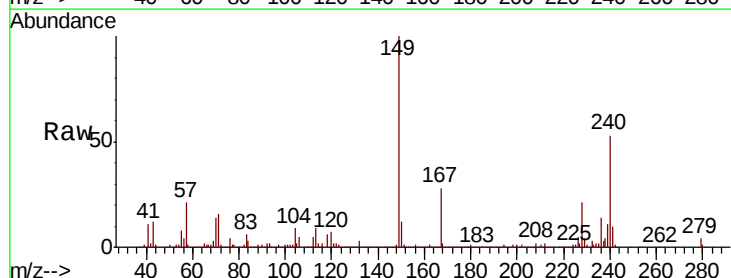
RT: 13.79 min Scan# 1989

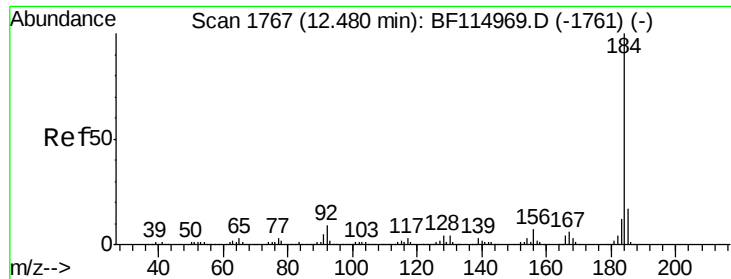
Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	240	Resp:	648367
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	26.6	21.6	32.4





#77

Benzidine

Concen: 36.896 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

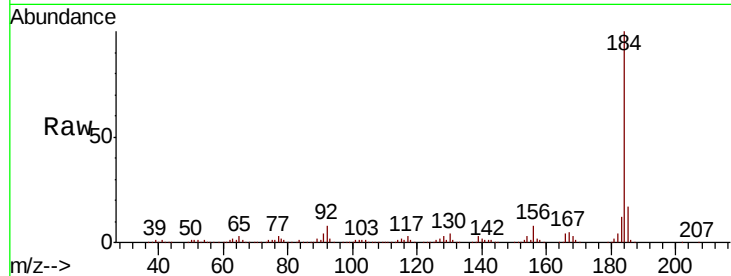
ClientSampleId :

ICVBF061219

Tot Ion:	184	Resp:	967607
Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.4	20.0
183	11.8	9.8	14.6

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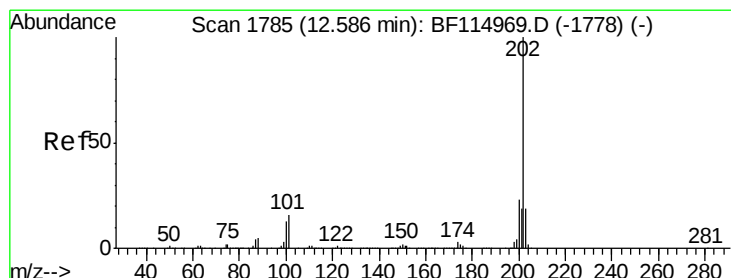
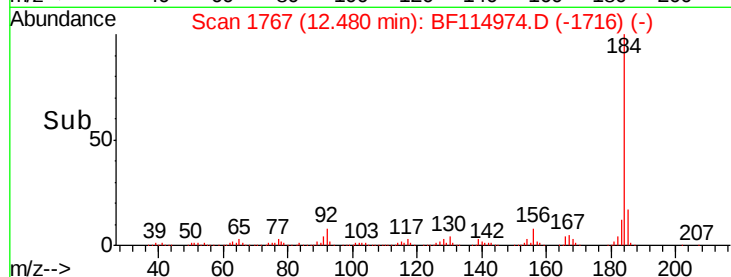
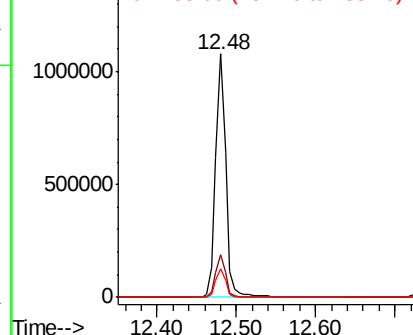


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.926 ng

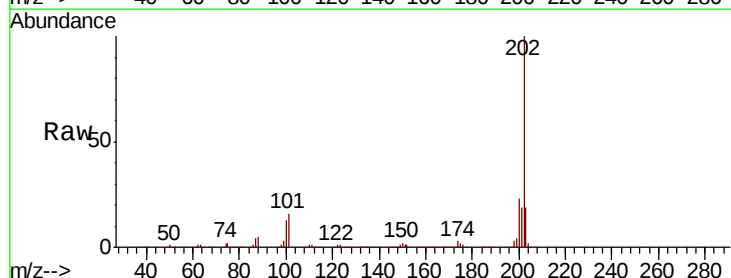
RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	202	Resp:	2240106
Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.4	27.6
203	18.7	14.9	22.3

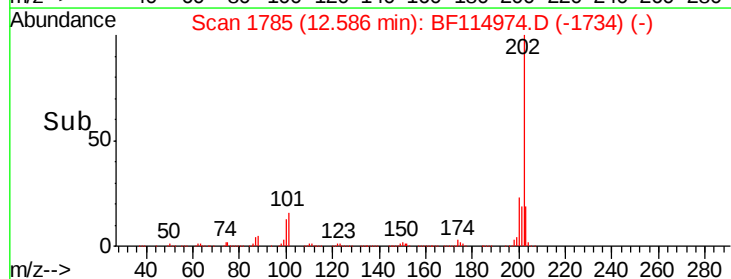
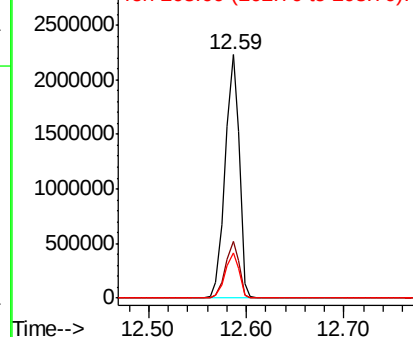


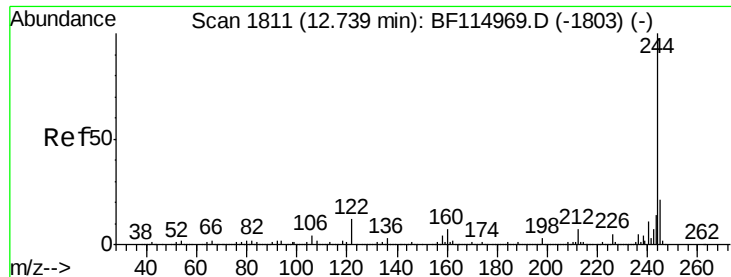
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.043 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:244 Resp: 2586844

Ion Ratio Lower Upper

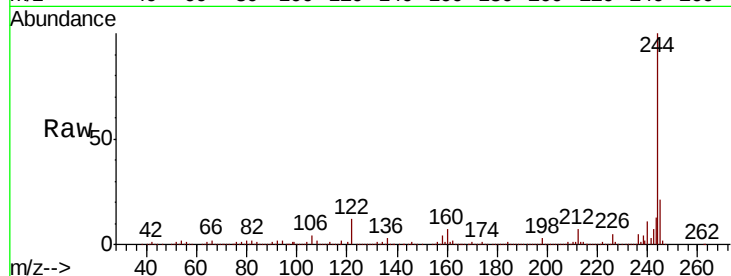
244 100

212 7.2 5.8 8.8

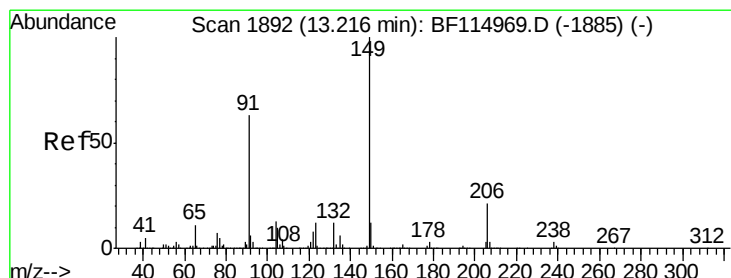
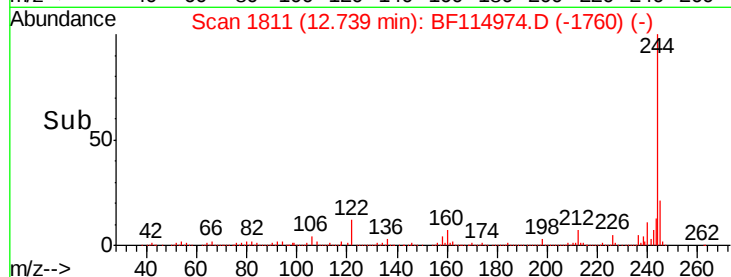
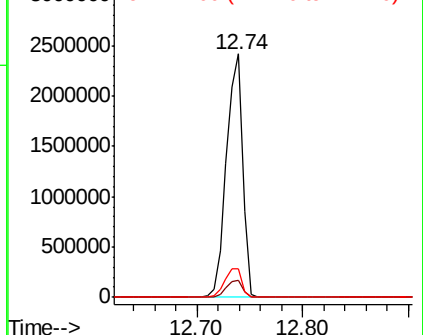
122 11.6 9.4 14.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.005 ng

RT: 13.22 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

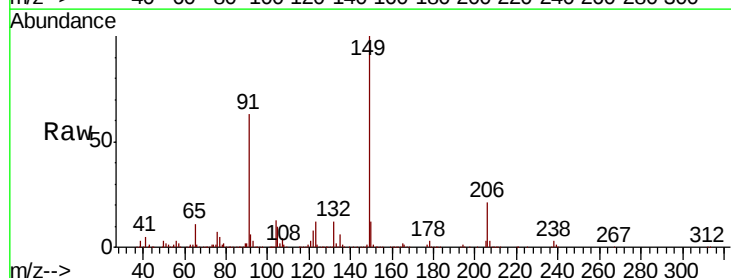
Tgt Ion:149 Resp: 1076063

Ion Ratio Lower Upper

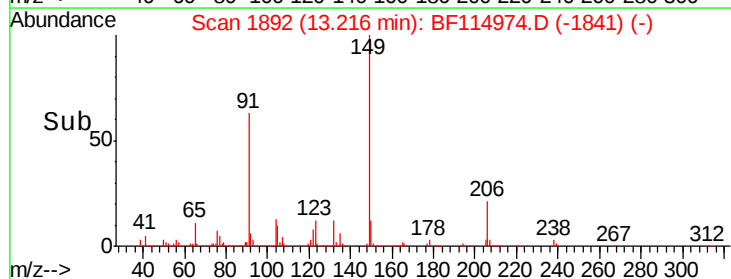
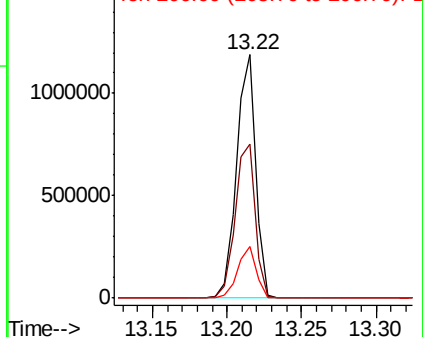
149 100

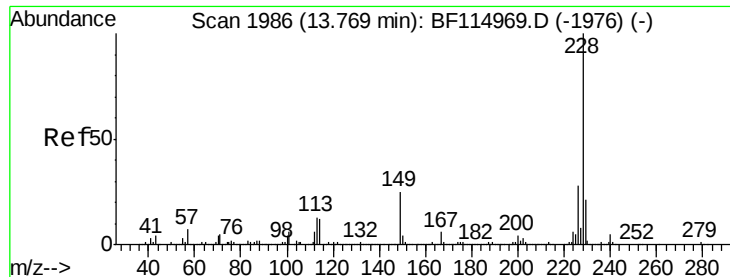
91 63.5 50.6 76.0

206 21.0 16.7 25.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.992 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

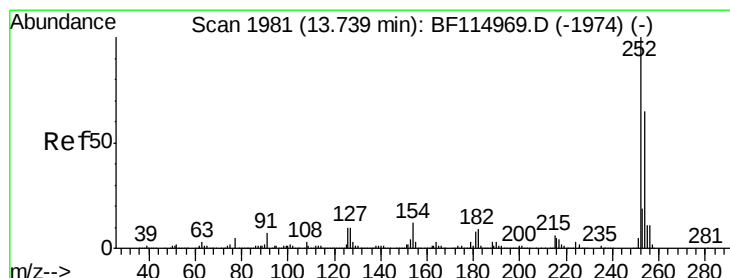
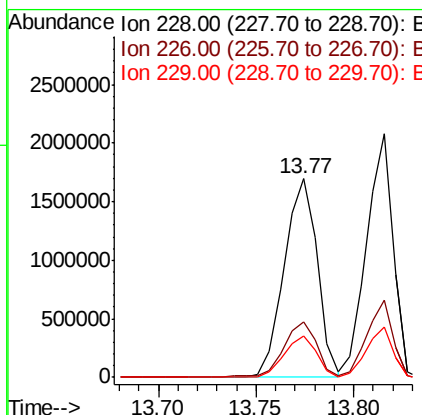
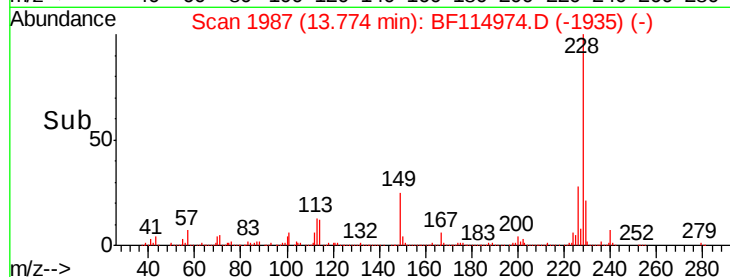
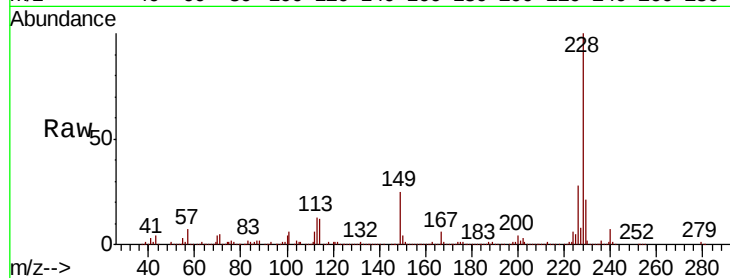
ClientSampleId :

ICVBF061219

Tot Ion:	228	Resp:	1988864
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.7	16.6	25.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.436 ng

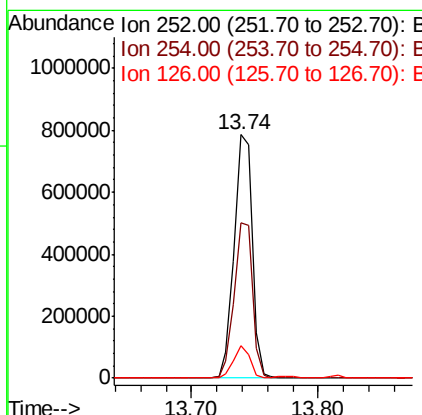
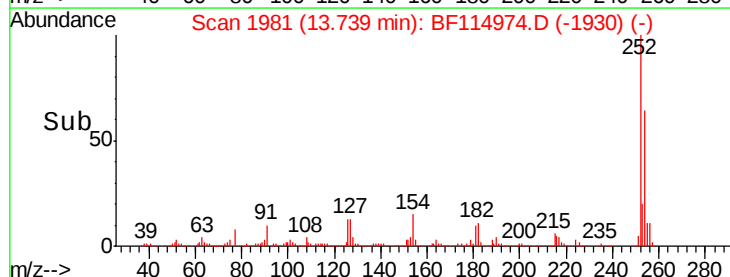
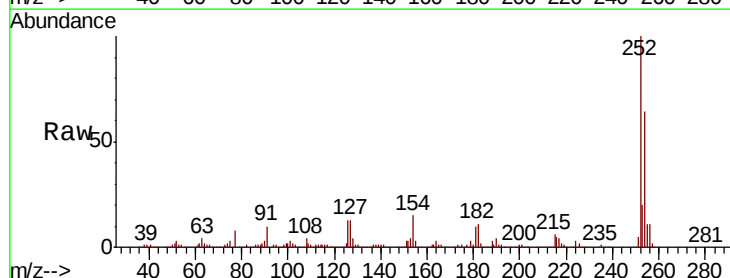
RT: 13.74 min Scan# 1981

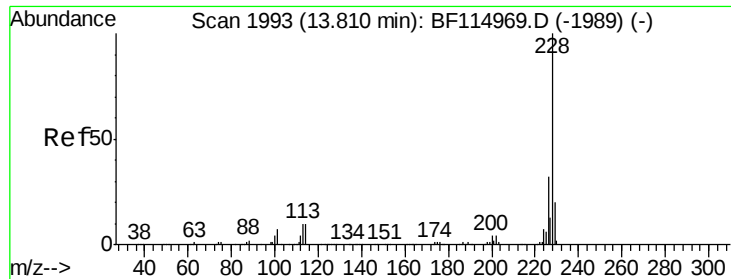
Delta R.T. -0.00 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Tgt Ion:	252	Resp:	770766
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.2	78.4
126	13.3	8.0	12.0#





#83

Chrysene

Concen: 40.820 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:228 Resp: 1969451

Ion Ratio Lower Upper

228 100

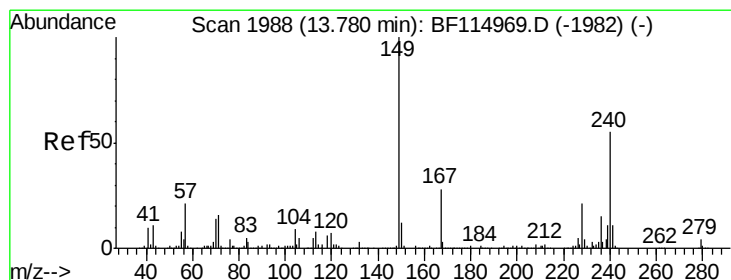
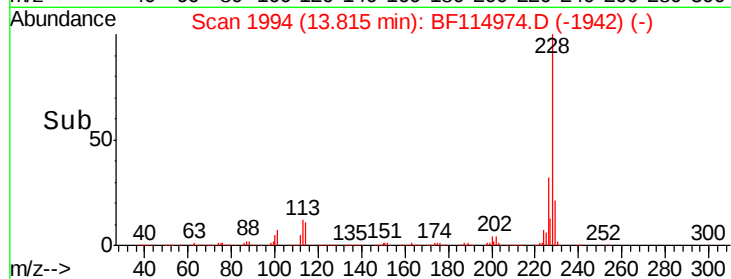
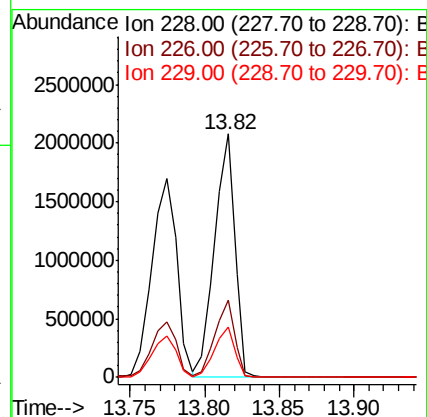
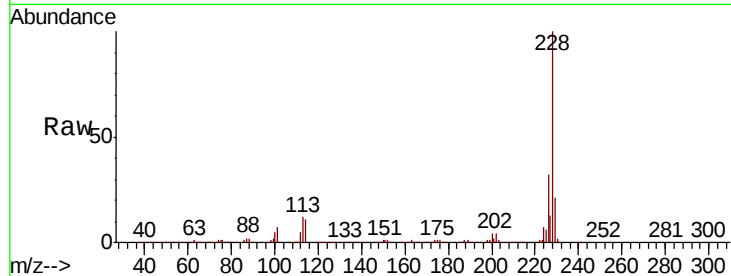
226 31.5 25.4 38.0

229 20.8 16.4 24.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.420 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

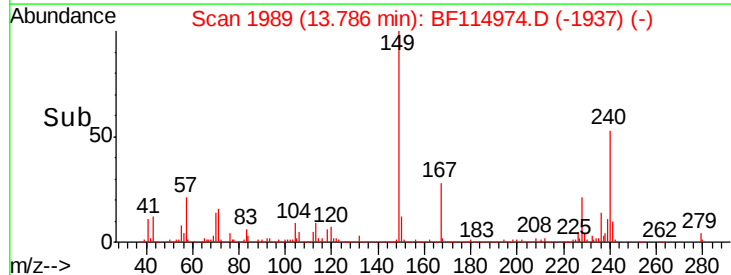
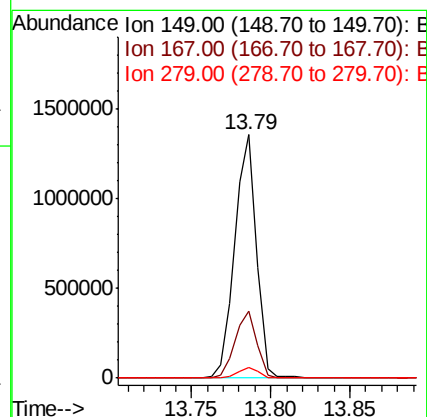
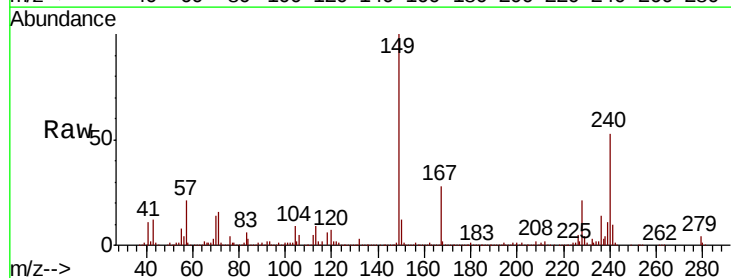
Tgt Ion:149 Resp: 1285329

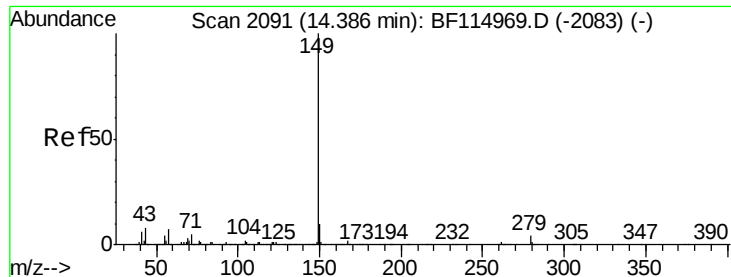
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.893 ng

RT: 14.42 min Scan# 2096

Delta R.T. 0.03 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

Instrument :

BNA_F

ClientSampleId :

ICVBF061219

Tot Ion:149 Resp: 2352246

Ion Ratio Lower Upper

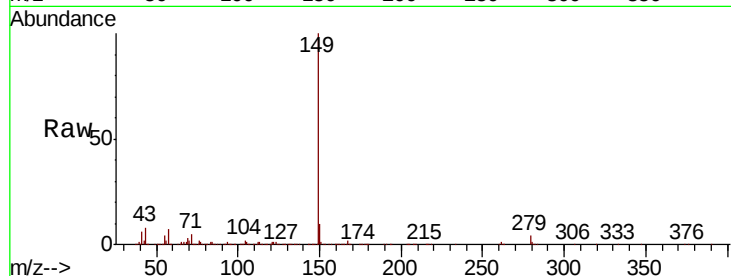
149 100

167 1.6 1.3 1.9

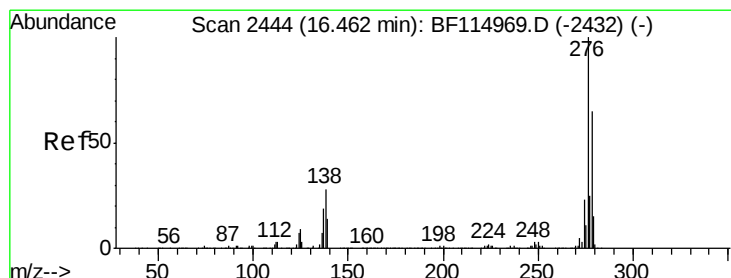
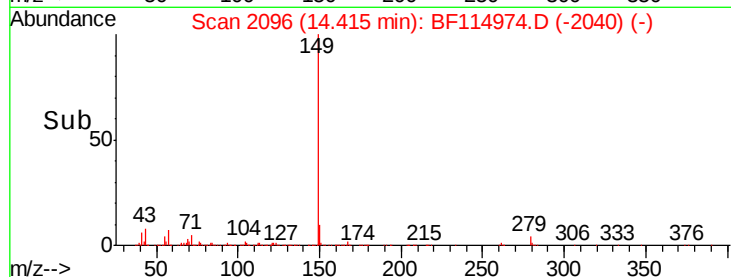
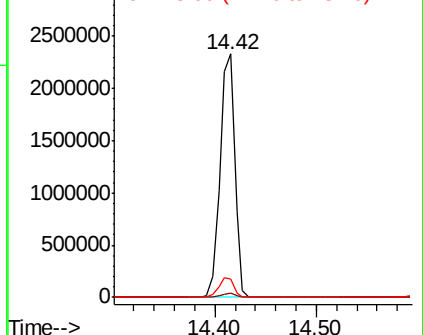
43 8.2 6.5 9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.437 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.05 min

Lab File: BF114974.D

Acq: 12 Jun 2019 15:04

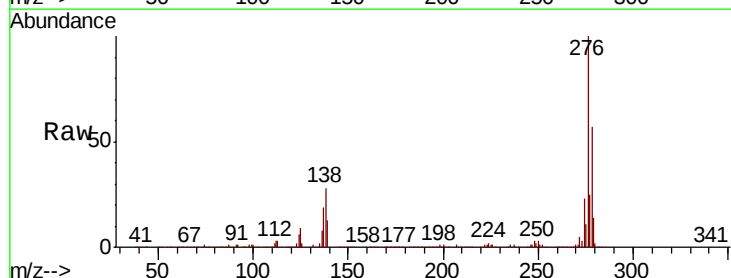
Tgt Ion:276 Resp: 1756150

Ion Ratio Lower Upper

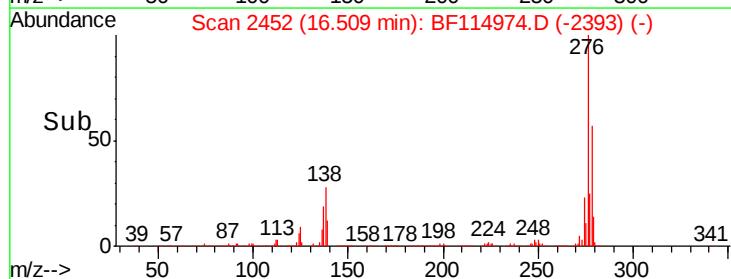
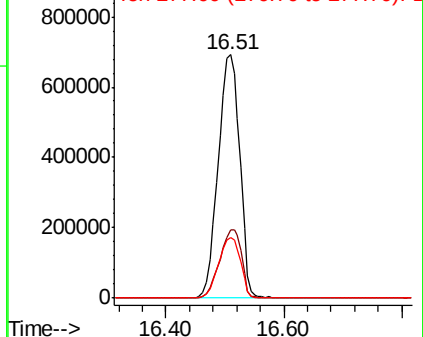
276 100

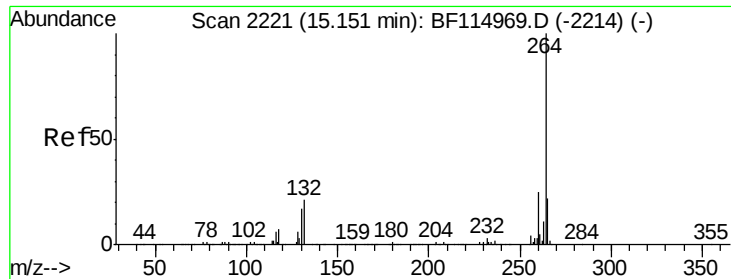
138 28.6 23.0 34.4

277 25.3 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





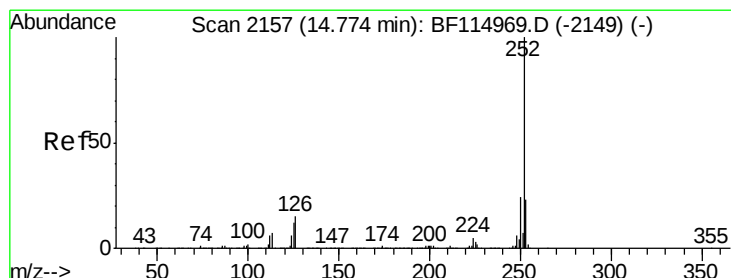
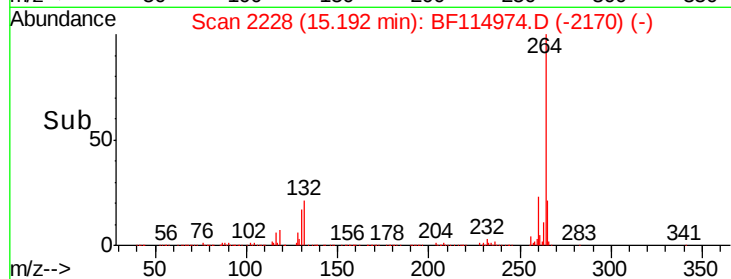
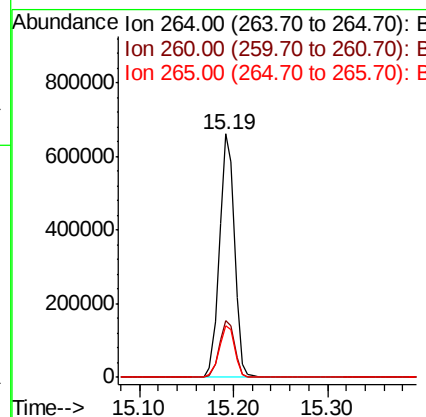
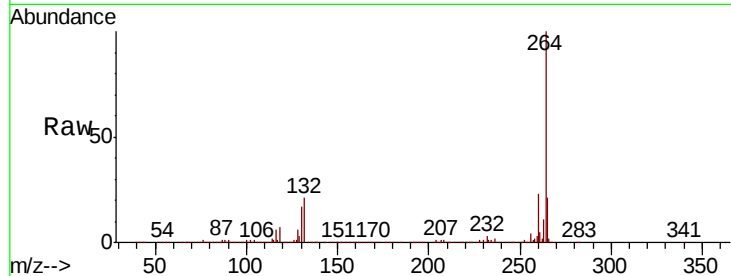
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.04 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.9	29.9
265	21.3	17.6	26.4

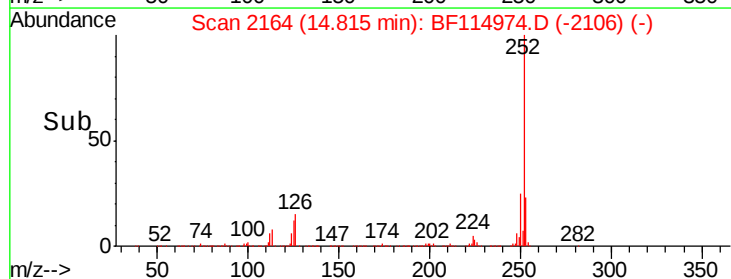
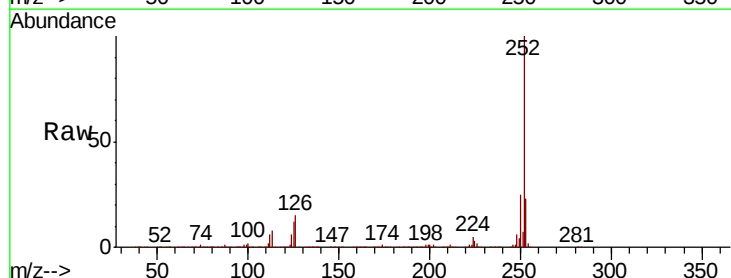
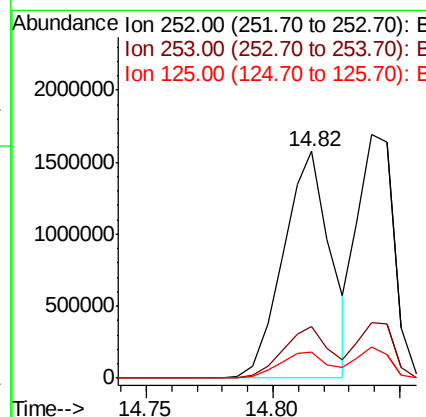
Manual Integrations
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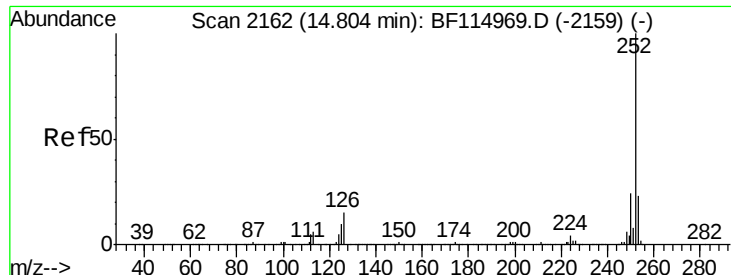
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.757 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.6	9.4	14.0





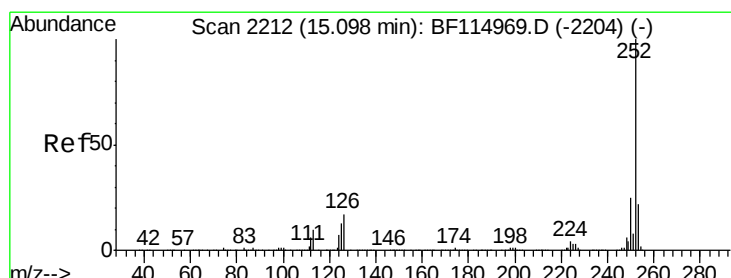
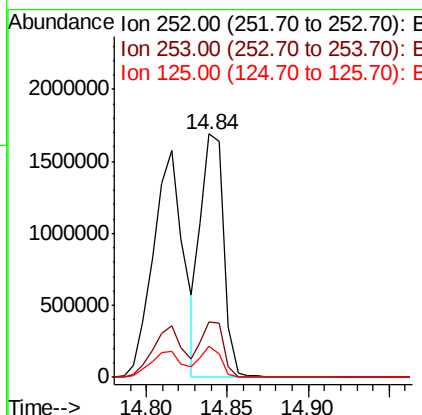
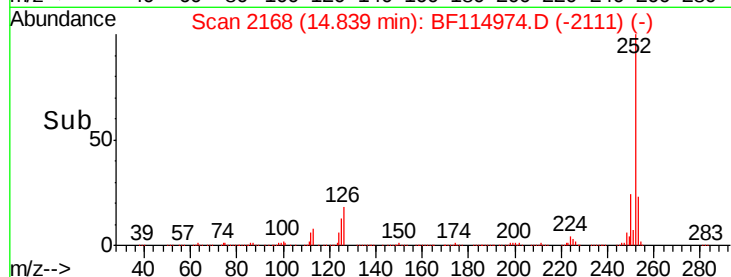
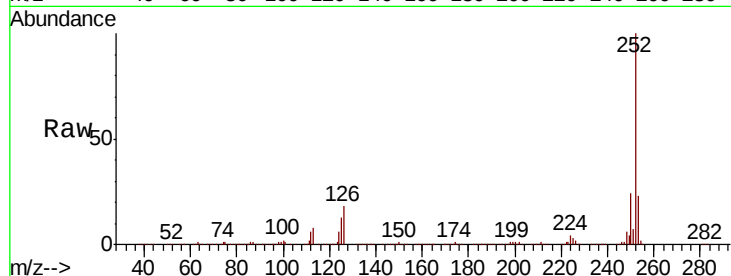
#89
Benzo(k)fluoranthene
Concen: 39.108 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.04 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion:252 Resp: 1709156
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.7 8.2 12.4#

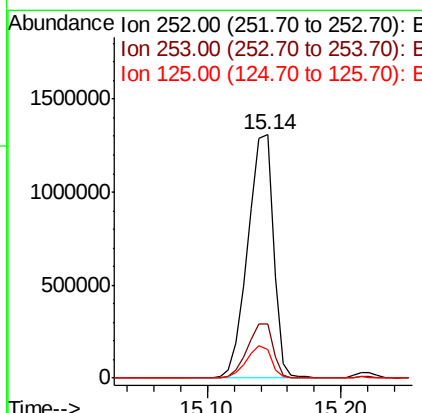
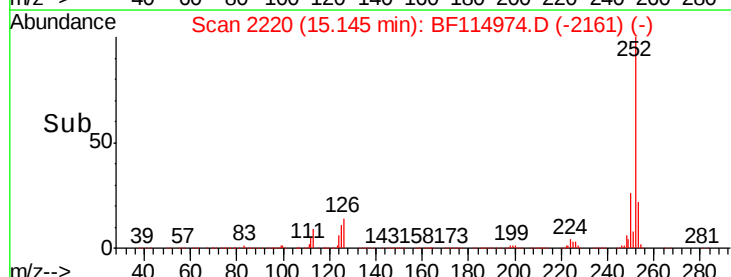
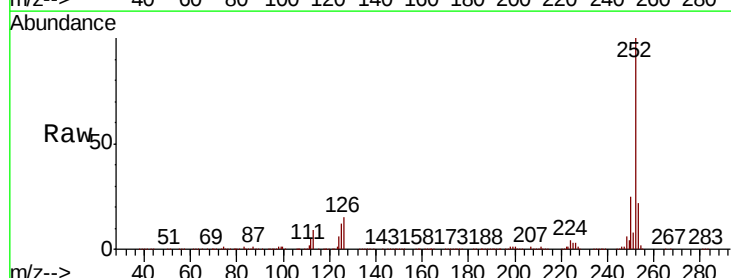
Manual Integrations
APPROVED

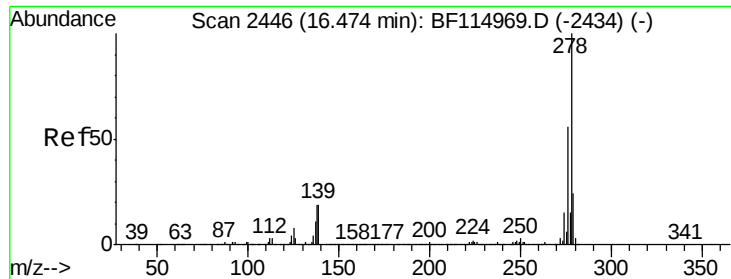
mohammad
6/14/2019 8:46:21 AM



#90
Benzo(a)pyrene
Concen: 40.230 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.05 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion:252 Resp: 1728462
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.8 10.7 16.1





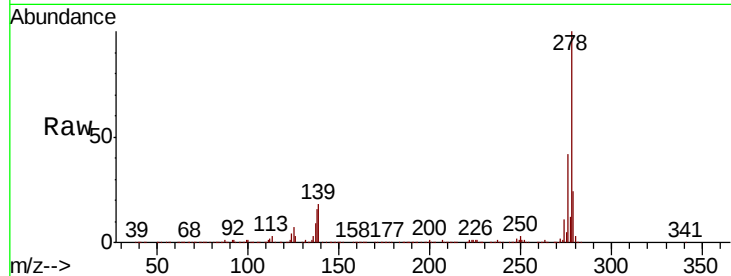
#91
Dibenzo(a,h)anthracene
Concen: 38.260 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.05 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.3	22.9
279	24.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:46:21 AM

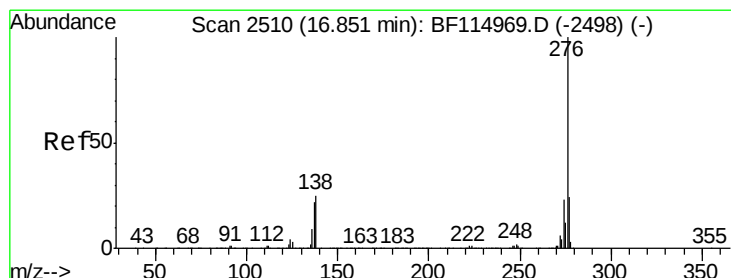
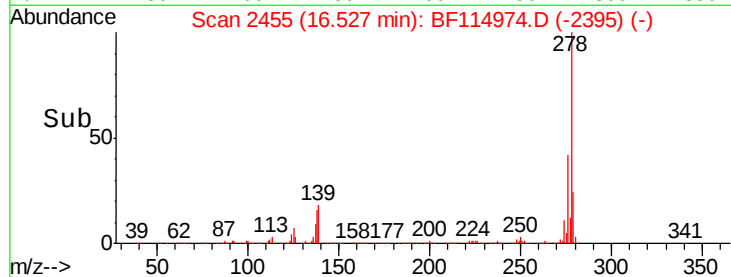
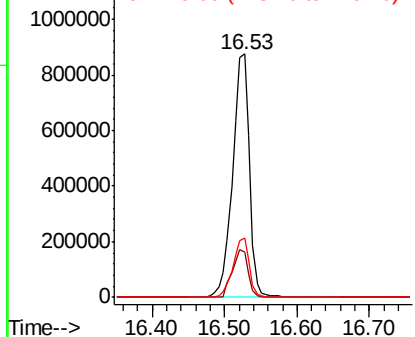


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.249 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.05 min
Lab File: BF114974.D
Acq: 12 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.4	20.2	30.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

