

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114949.D
 Acq On : 11 Jun 2019 17:58
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:04:05 AM

Quant Time: Jun 12 04:40:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	301057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1227868	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	601652	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1164837	20.00	ng	0.00
76) Chrysene-d12	13.80	240	704333	20.00	ng	0.00
87) Perylene-d12	15.17	264	780588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1517874	85.33	ng	0.00
7) Phenol-d6	6.32	99	1829172	85.25	ng	0.00
23) Nitrobenzene-d5	7.23	82	1709930	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	546652	83.52	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2950064	77.82	ng	0.00
79) Terphenyl-d14	12.75	244	2923253	82.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	358466	42.466	ng	99
3) Pyridine	2.98	79	1020936	43.449	ng	100
4) n-Nitrosodimethylamine	2.93	42	365828	43.345	ng	98
6) Aniline	6.33	93	1197503	41.202	ng	# 69
8) 2-Chlorophenol	6.45	128	879806	43.336	ng	97
9) Benzaldehyde	6.20	77	541157	39.406	ng	99
10) Phenol	6.33	94	994491	41.566	ng	99
11) bis(2-Chloroethyl)ether	6.40	93	820597	43.034	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1008866	42.817	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1015390	42.974	ng	99
14) 1,2-Dichlorobenzene	6.83	146	922898	43.034	ng	99
15) Benzyl Alcohol	6.82	79	660653	42.671	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1095241	41.764	ng	99
17) 2-Methylphenol	6.93	107	732588	43.096	ng	99
18) Hexachloroethane	7.17	117	372964	42.832	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	559994	41.737	ng	99
20) 3+4-Methylphenols	7.09	107	826679m	43.433	ng	
22) Acetophenone	7.08	105	1176449	42.803	ng	# 98
24) Nitrobenzene	7.25	77	894773	43.041	ng	96
25) Isophorone	7.49	82	1609852	41.138	ng	98
26) 2-Nitrophenol	7.56	139	509479	44.112	ng	96
27) 2,4-Dimethylphenol	7.62	122	713299	42.205	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1049140	41.909	ng	100
29) 2,4-Dichlorophenol	7.81	162	766947	43.333	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	867525	42.710	ng	98
31) Naphthalene	7.97	128	2435482	43.047	ng	100
32) Benzoic acid	7.76	122	533554	42.264	ng	98
33) 4-Chloroaniline	8.02	127	1158549	43.393	ng	98
34) Hexachlorobutadiene	8.09	225	480700	42.194	ng	99
35) Caprolactam	8.41	113	254773	42.733	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	767514	42.695	ng	99
37) 2-Methylnaphthalene	8.66	142	1633801	42.495	ng	99
38) 1-Methylnaphthalene	8.76	142	1539430	42.336	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	750048	43.360	ng	99

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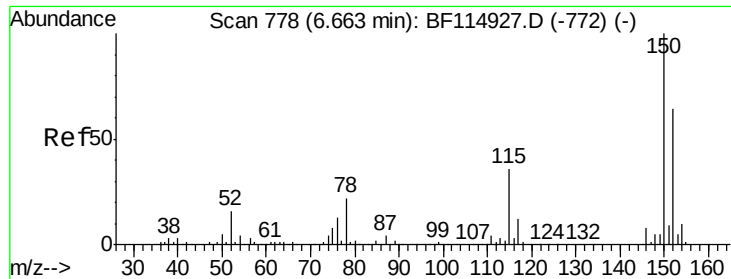
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	392989	39.967	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	565486	43.051	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	583697	43.097	ng	99
46) 1,1'-Biphenyl	9.12	154	1932382	42.931	ng	99
47) 2-Chloronaphthalene	9.15	162	1639767	43.155	ng	99
48) 2-Nitroaniline	9.24	65	501971	43.400	ng	94
49) Acenaphthylene	9.56	152	2398752	42.840	ng	100
50) Dimethylphthalate	9.43	163	1924659	42.562	ng	100
51) 2,6-Dinitrotoluene	9.49	165	442500	42.604	ng	93
52) Acenaphthene	9.73	154	1429055	42.127	ng	99
53) 3-Nitroaniline	9.65	138	539592	43.264	ng	99
54) 2,4-Dinitrophenol	9.76	184	214806	41.787	ng	98
55) Dibenzofuran	9.90	168	2079381	42.941	ng	100
56) 4-Nitrophenol	9.82	139	374591	42.142	ng	95
57) 2,4-Dinitrotoluene	9.89	165	571161	43.506	ng	100
58) Fluorene	10.24	166	1522926	40.799	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	464723	42.444	ng	99
60) Diethylphthalate	10.12	149	1857209	42.257	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	755745	40.442	ng	96
62) 4-Nitroaniline	10.26	138	560527	43.854	ng	99
63) Azobenzene	10.39	77	1612596	42.155	ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	286407	43.844	ng	98
66) n-Nitrosodiphenylamine	10.36	169	1487954	42.996	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	532867	42.233	ng	95
68) Hexachlorobenzene	10.79	284	589257	42.292	ng	96
69) Atrazine	10.89	200	473941	40.644	ng	97
70) Pentachlorophenol	10.98	266	333618	42.700	ng	99
71) Phenanthrene	11.19	178	2435418	43.094	ng	99
72) Anthracene	11.25	178	2446944	42.658	ng	100
73) Carbazole	11.40	167	2279690	43.652	ng	99
74) Di-n-butylphthalate	11.74	149	2771336	42.938	ng	100
75) Fluoranthene	12.37	202	2500416	42.775	ng	99
77) Benzidine	12.49	184	1205915	39.123	ng	99
78) Pyrene	12.60	202	2551556	41.596	ng	99
80) Butylbenzylphthalate	13.22	149	1261312	41.737	ng	97
81) Benzo(a)anthracene	13.78	228	2093506	40.199	ng	100
82) 3,3'-Dichlorobenzidine	13.75	252	911318	42.869	ng	96
83) Chrysene	13.82	228	2176881	41.625	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1449487	40.955	ng	100
85) Di-n-octyl phthalate	14.40	149	2680442	41.459	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	1931415	39.284	ng	99
88) Benzo(b)fluoranthene	14.79	252	2172763	42.755	ng	99
89) Benzo(k)fluoranthene	14.82	252	1833289	41.568	ng	98
90) Benzo(a)pyrene	15.12	252	1842988	41.753	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1554207	41.685	ng	100
92) Benzo(g,h,i)perylene	16.89	276	1558738	41.941	ng	98

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



#1

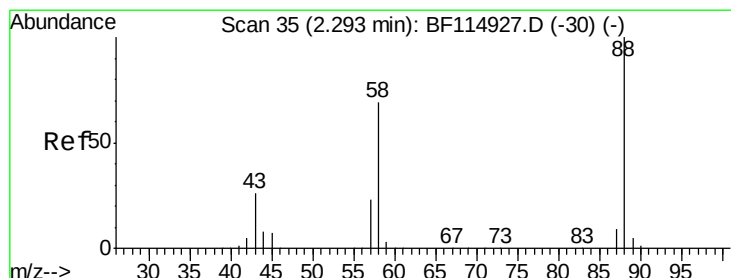
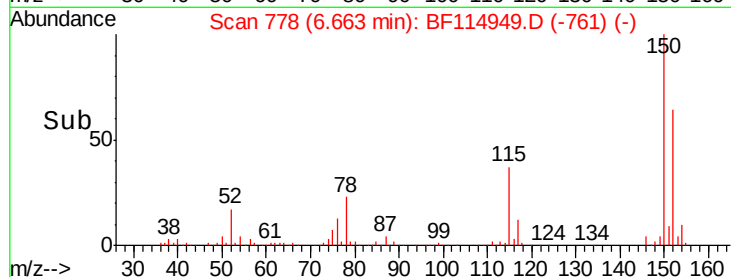
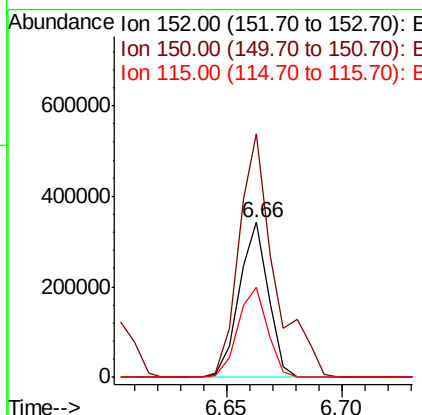
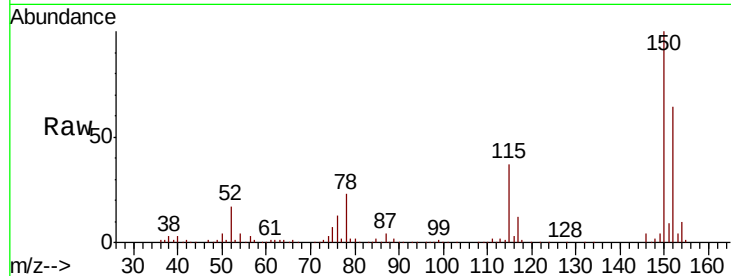
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	57.8	45.0	67.4

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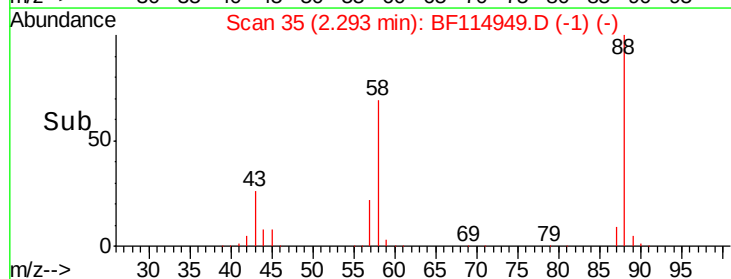
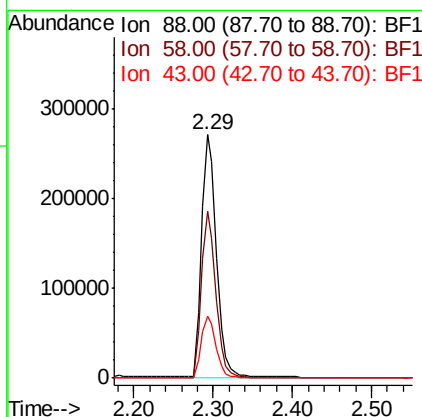
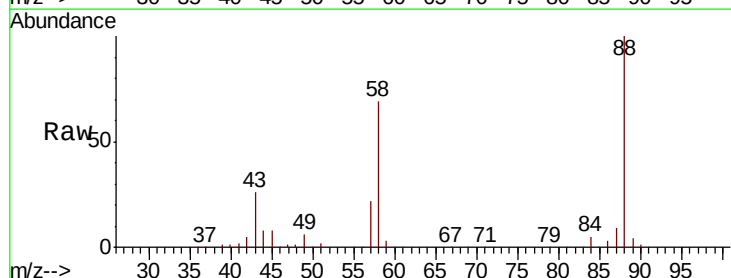
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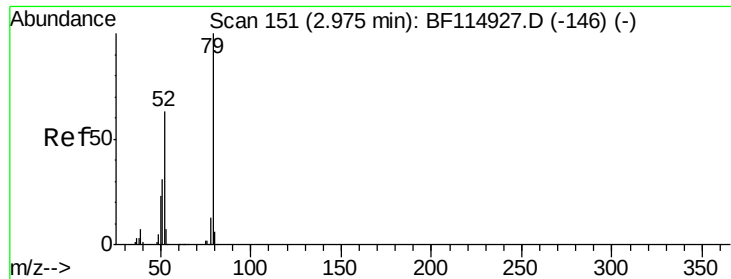


#2

1,4-Dioxane
Concen: 42.466 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.2	81.2
43	25.0	20.6	30.8





#3

Pvridine

Concen: 43.449 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1020936

Ion Ratio Lower Upper

79 100

52 62.9 50.2 75.2

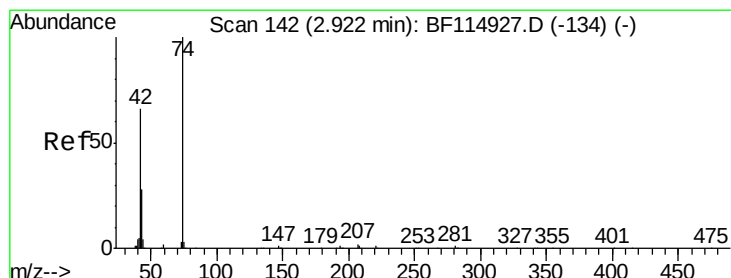
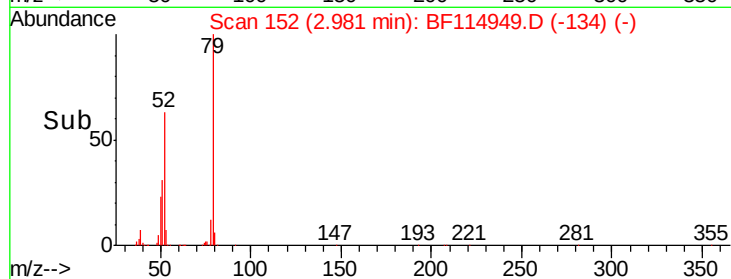
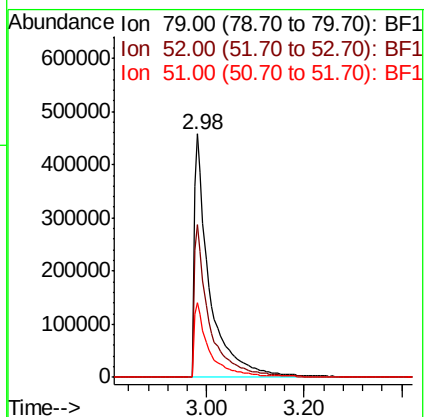
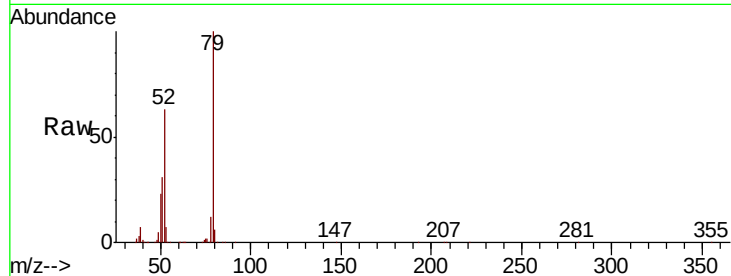
51 30.8 24.6 37.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.345 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

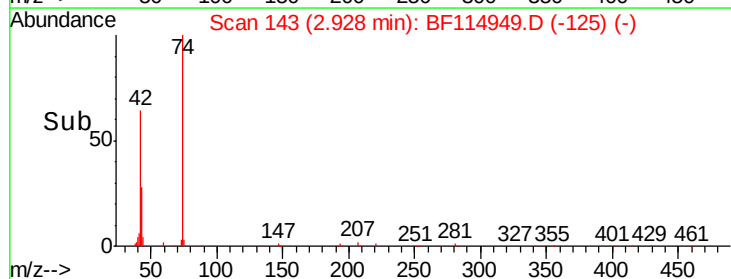
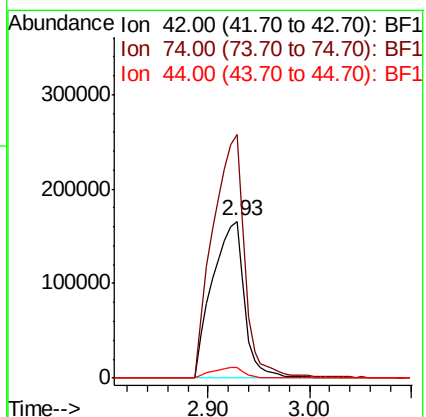
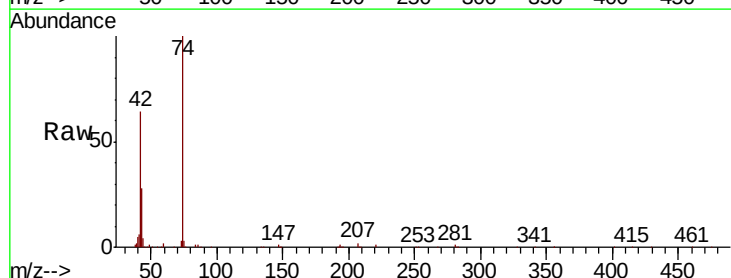
Tgt Ion: 42 Resp: 365828

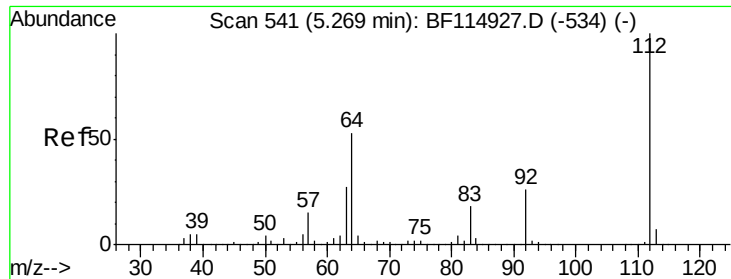
Ion Ratio Lower Upper

42 100

74 155.5 121.9 182.9

44 6.5 5.1 7.7





#5

2-Fluorophenol

Concen: 85.328 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

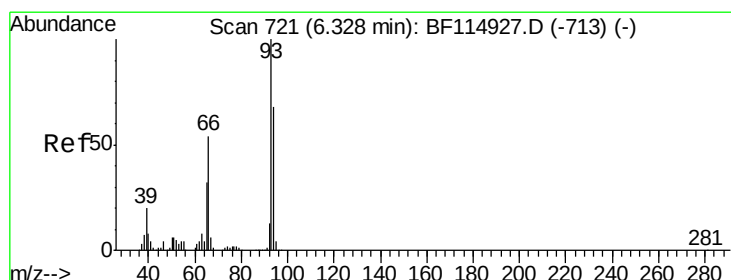
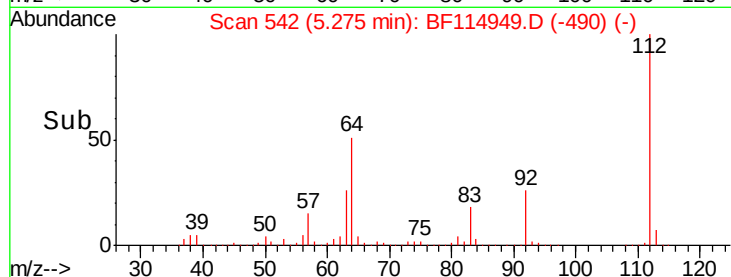
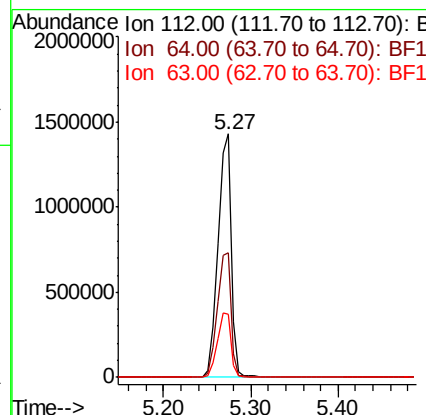
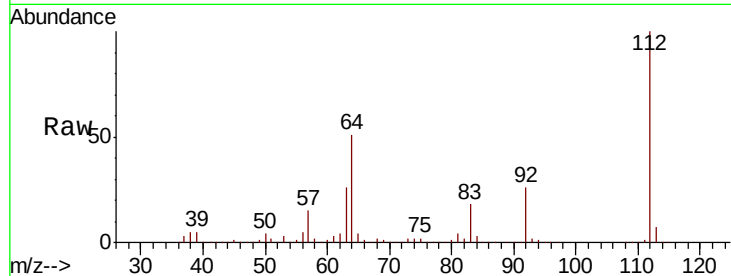
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1517874
Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.1	63.1
63	26.2	21.8	32.8

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#6

Aniline

Concen: 41.202 ng

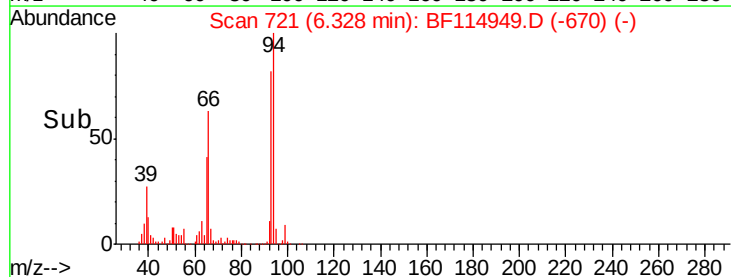
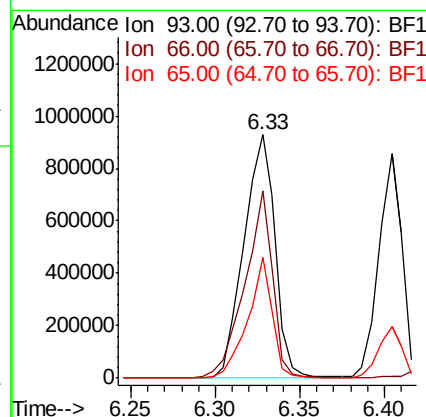
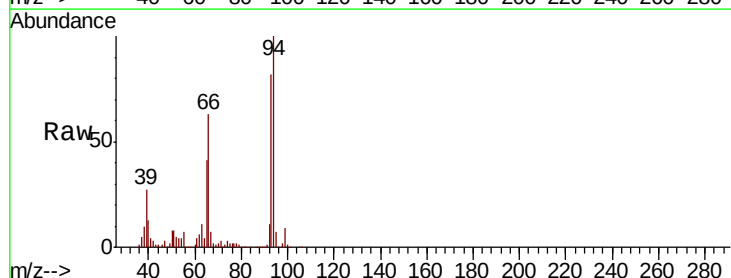
RT: 6.33 min Scan# 721

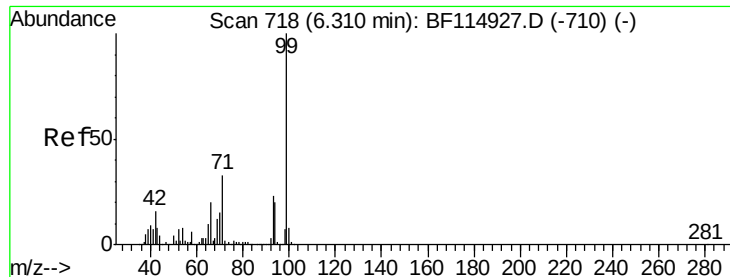
Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Tgt Ion:	93	Resp:	1197503
Ion	Ratio	Lower	Upper
93	100		
66	76.9	43.6	65.4#
65	49.4	25.7	38.5#





#7

Phenol-d6

Concen: 85.250 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1829172

Ion Ratio Lower Upper

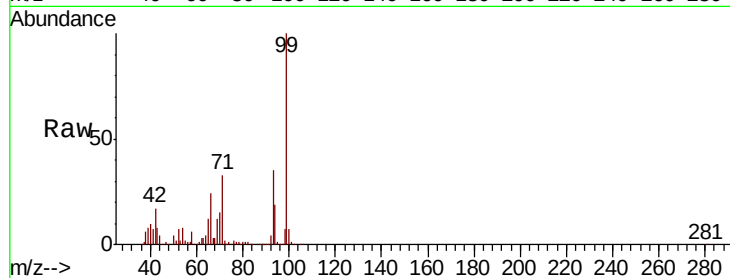
99 100

42 16.7 13.1 19.7

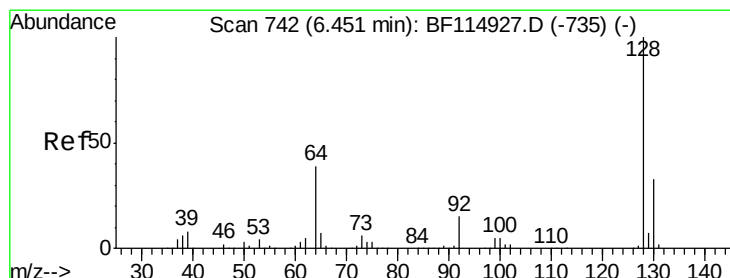
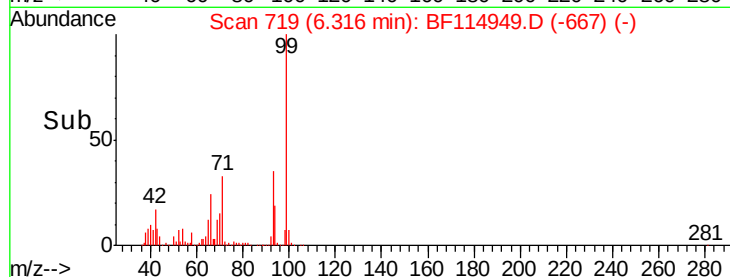
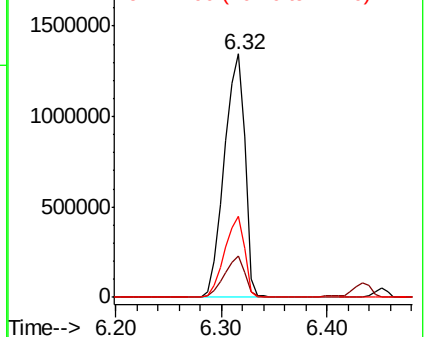
71 33.3 26.8 40.2

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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: 43.336 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

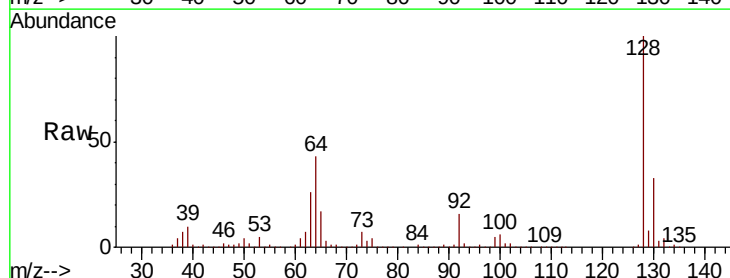
Tgt Ion: 128 Resp: 879806

Ion Ratio Lower Upper

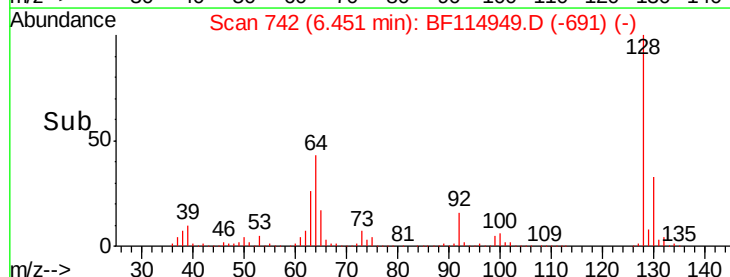
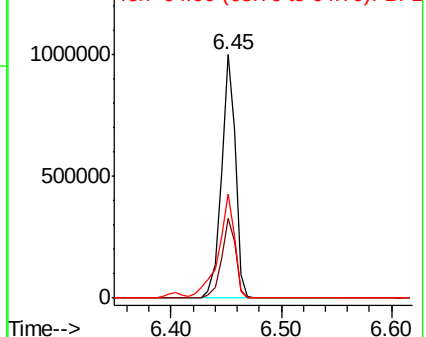
128 100

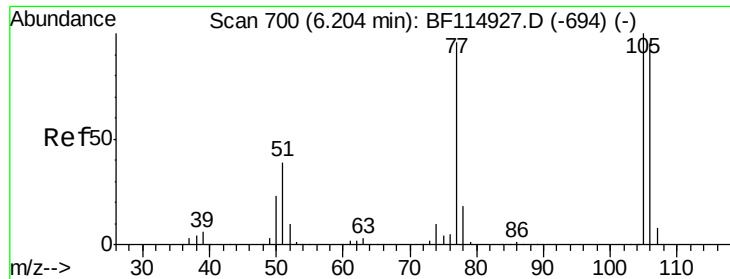
130 32.9 13.3 53.3

64 42.8 19.5 59.5



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: 39.406 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

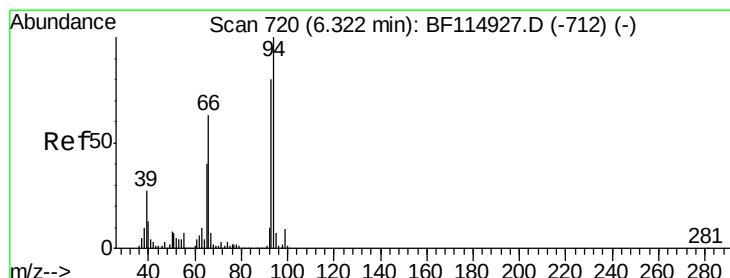
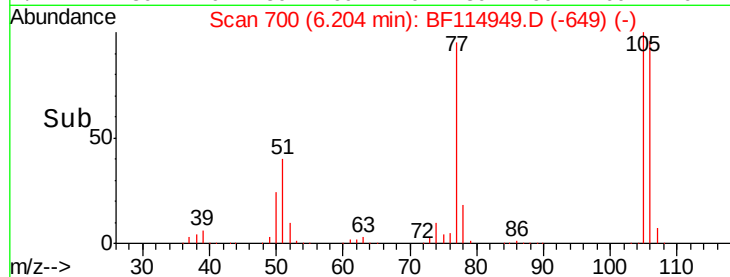
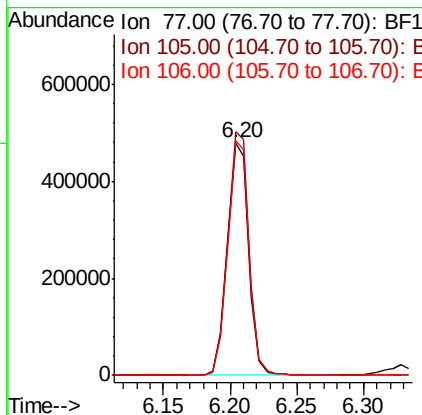
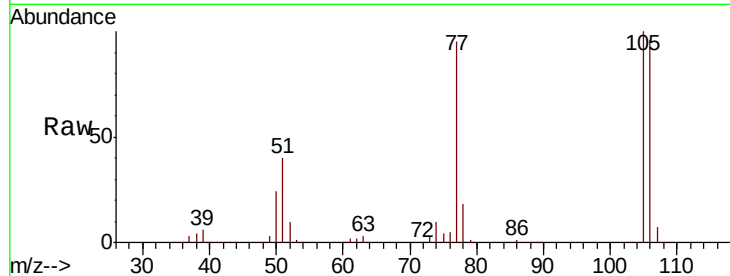
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	541157
Ion	Ratio	Lower	Upper
77	100		
105	104.9	84.5	124.5
106	100.8	79.2	119.2

Manual Integrations
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#10

Phenol

Concen: 41.566 ng

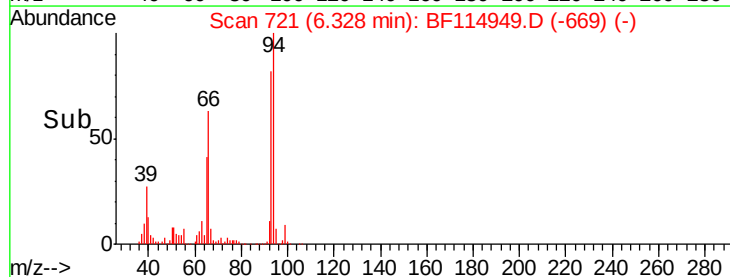
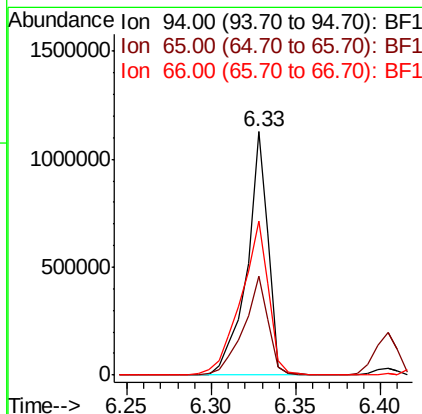
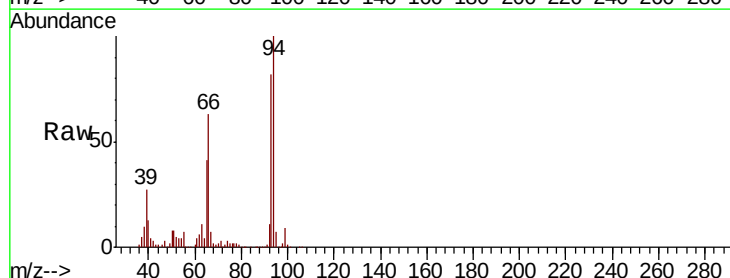
RT: 6.33 min Scan# 721

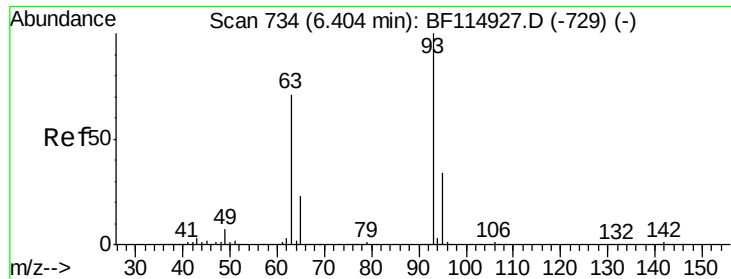
Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Tgt Ion:	94	Resp:	994491
Ion	Ratio	Lower	Upper
94	100		
65	40.7	19.6	59.6
66	63.3	42.6	82.6





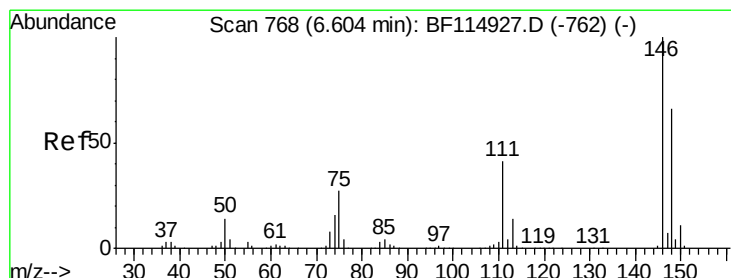
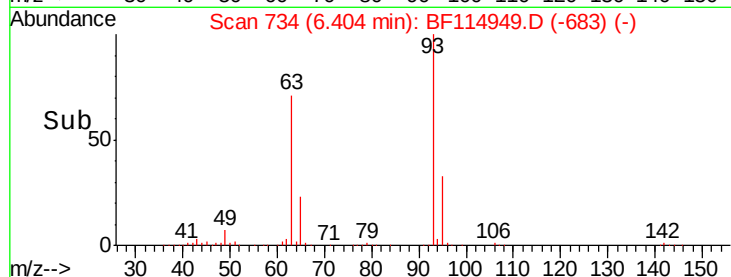
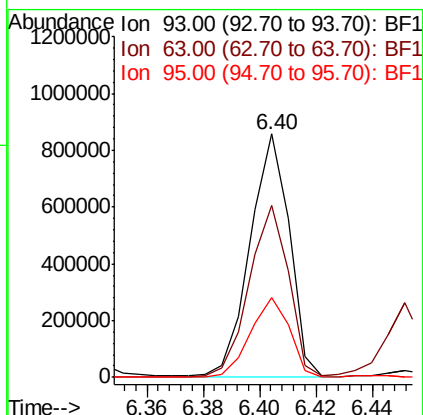
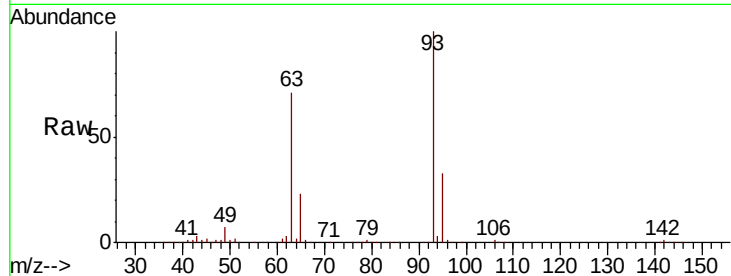
#11
bis(2-Chloroethyl)ether
Concen: 43.034 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	820597
Ion Ratio	Lower	Upper	
93	100		
63	70.6	50.5	90.5
95	32.6	13.6	53.6

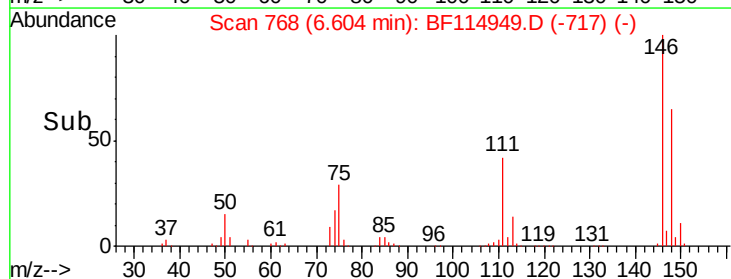
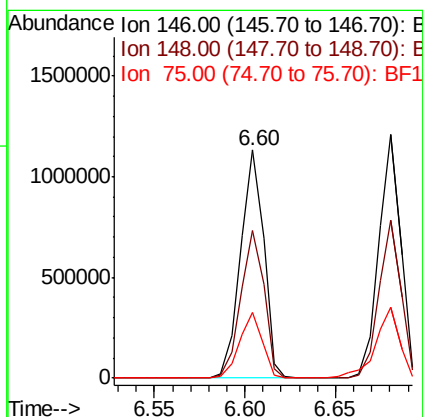
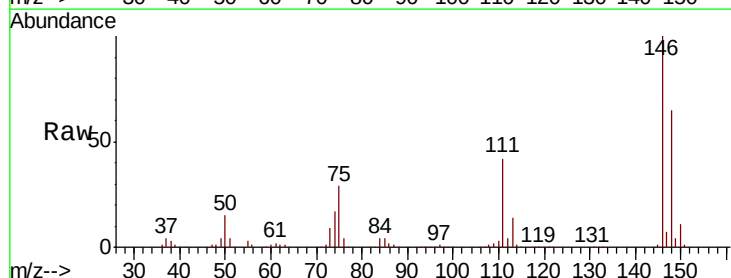
Manual Integrations
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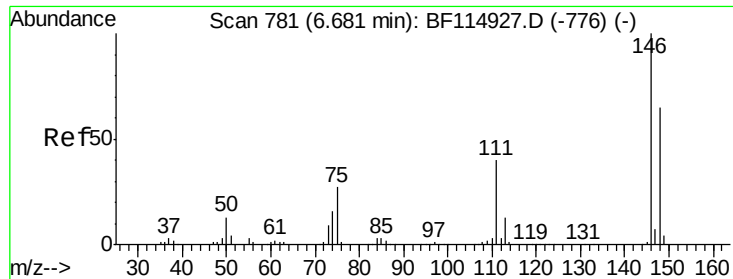
mohammad
6/12/2019 9:04:05 AM



#12
1,3-Dichlorobenzene
Concen: 42.817 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	146	Resp	1008866
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.6	78.8
75	28.8	21.9	32.9





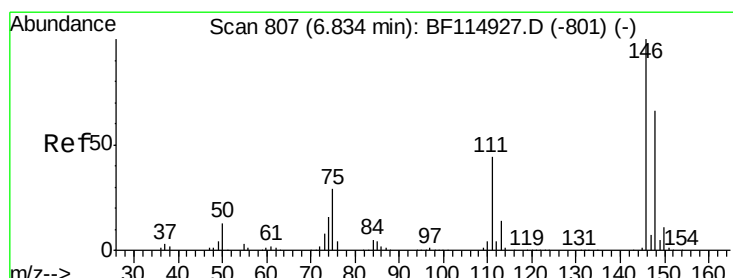
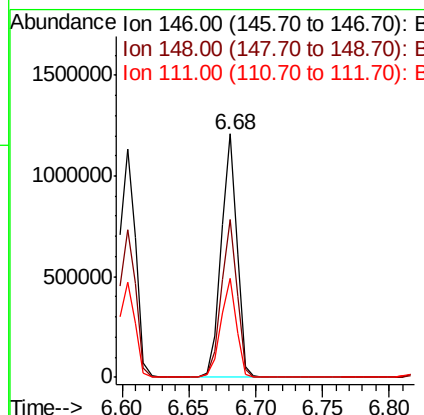
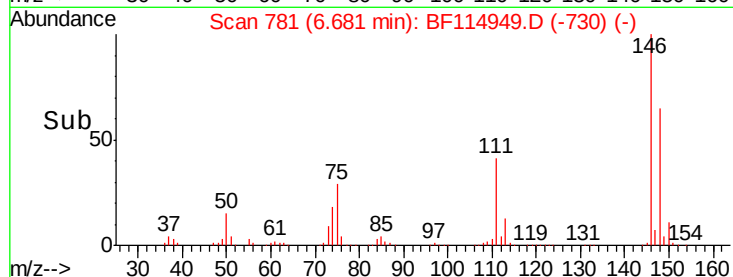
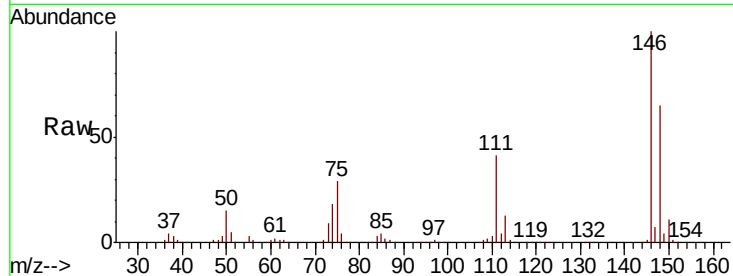
#13
1,4-Dichlorobenzene
Concen: 42.974 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:146 Resp: 1015390
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
111 40.8 31.8 47.8

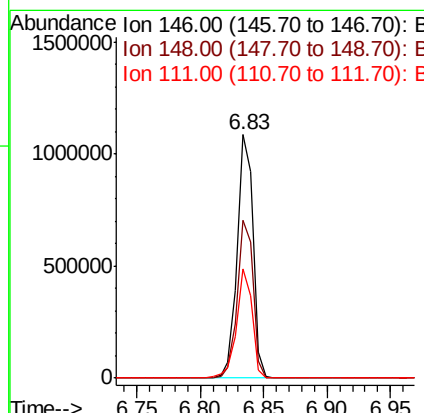
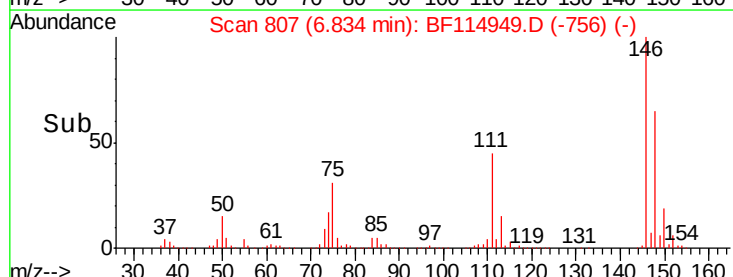
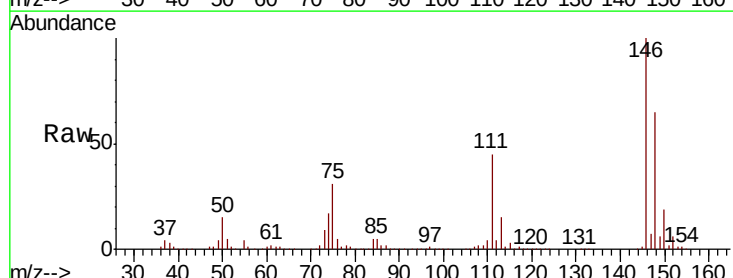
Manual Integrations
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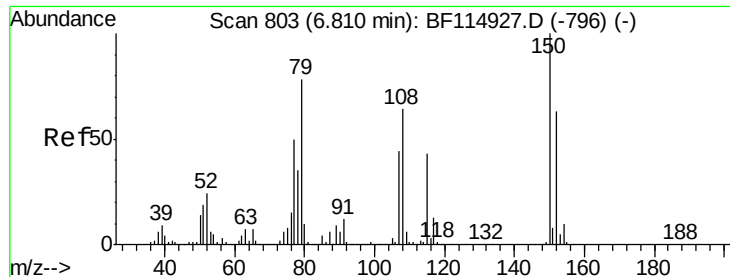
mohammad
6/12/2019 9:04:05 AM



#14
1,2-Dichlorobenzene
Concen: 43.034 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:146 Resp: 922898
Ion Ratio Lower Upper
146 100
148 64.9 52.7 79.1
111 44.9 35.4 53.2





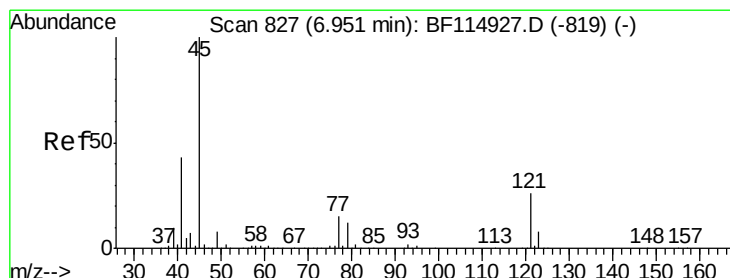
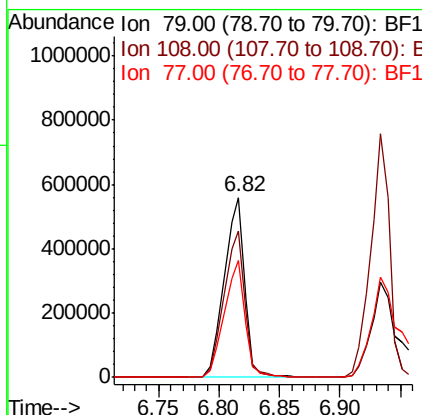
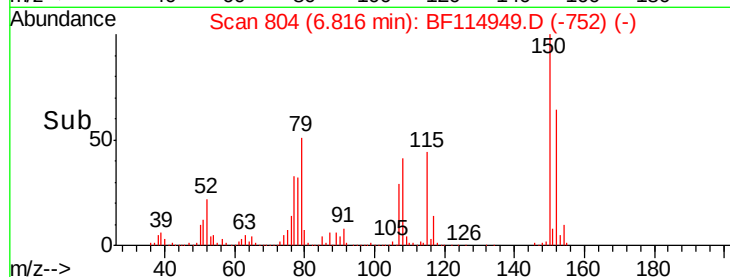
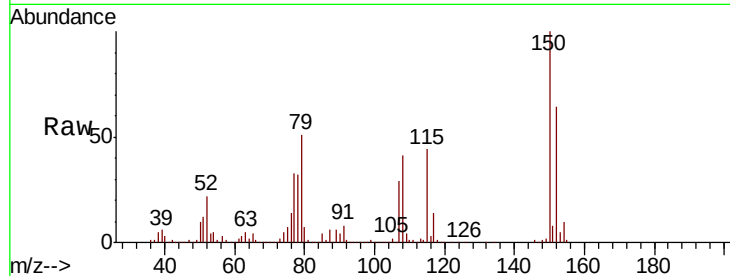
#15
Benzyl Alcohol
Concen: 42.671 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.5	98.3
77	65.0	51.3	76.9

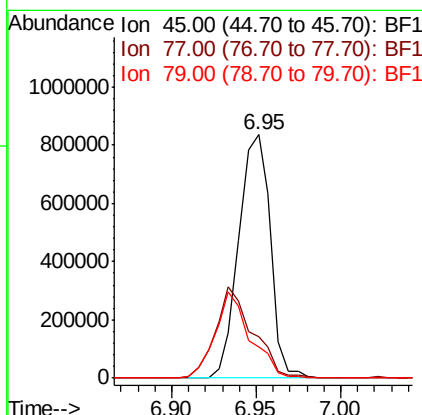
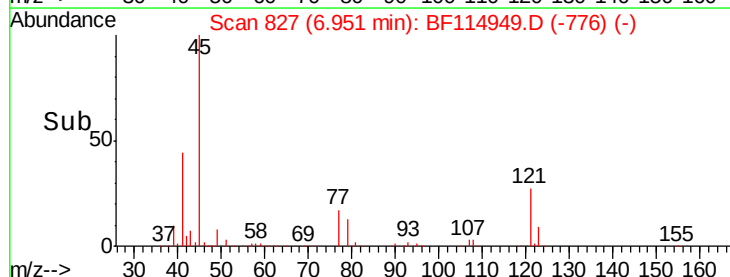
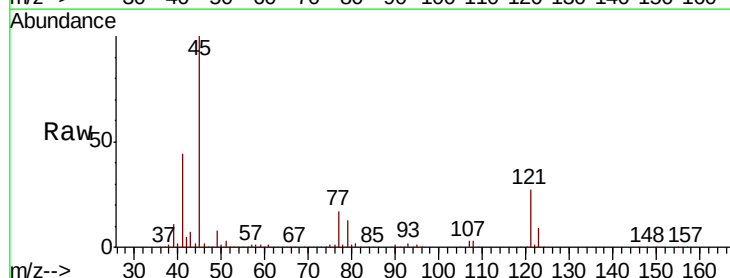
Manual Integrations
APPROVED

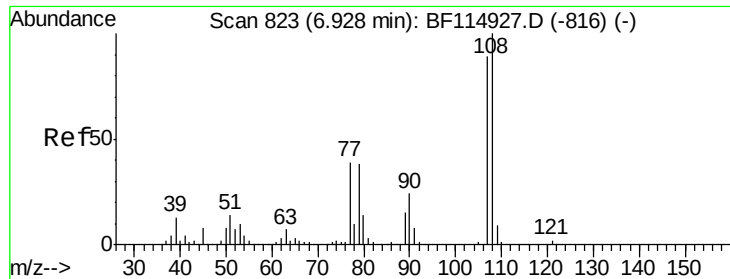
mohammad
6/12/2019 9:04:05 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.764 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.2
79	13.0	0.0	32.7





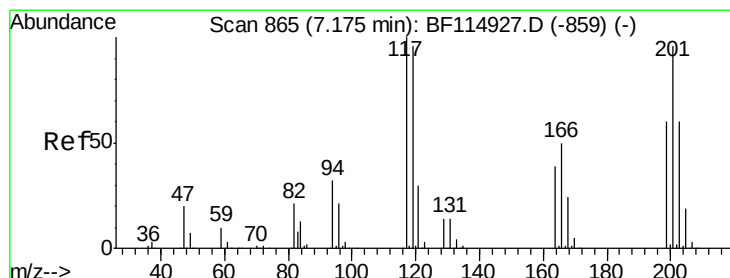
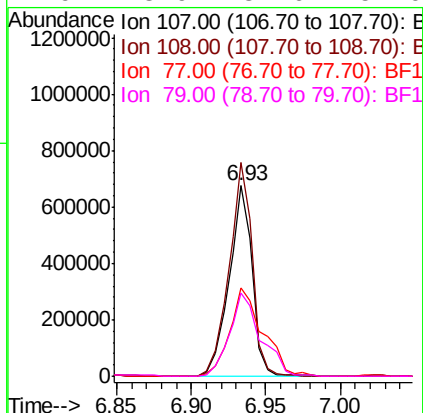
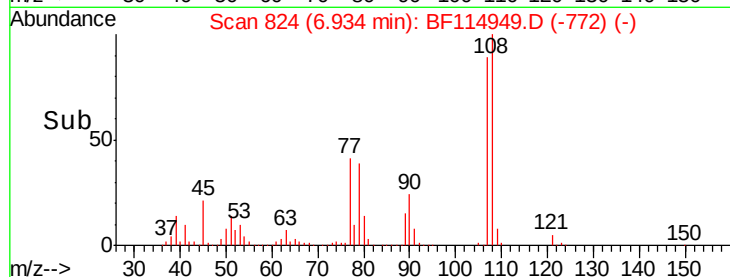
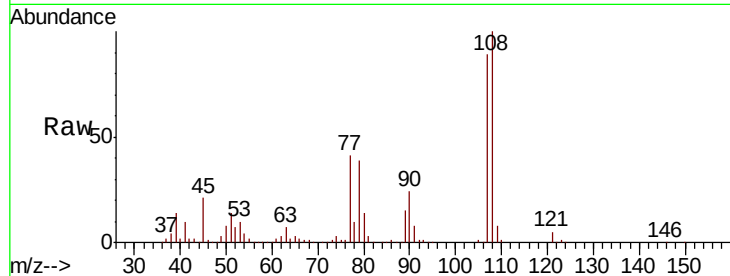
#17
2-Methylphenol
Concen: 43.096 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	46.2	35.4	53.0
79	43.9	34.6	52.0

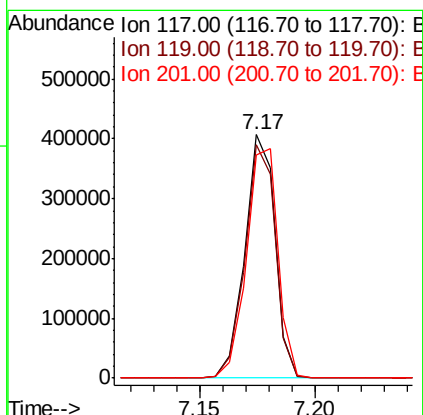
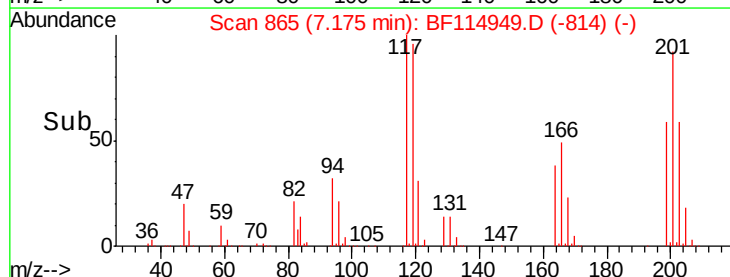
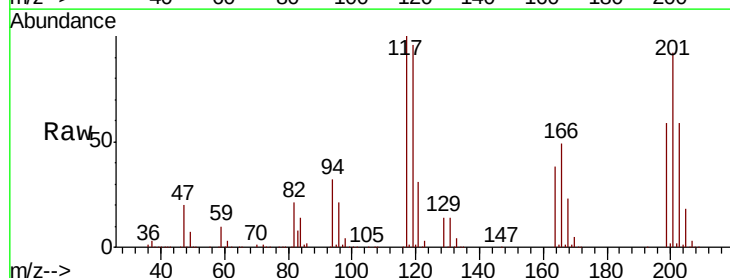
Manual Integrations
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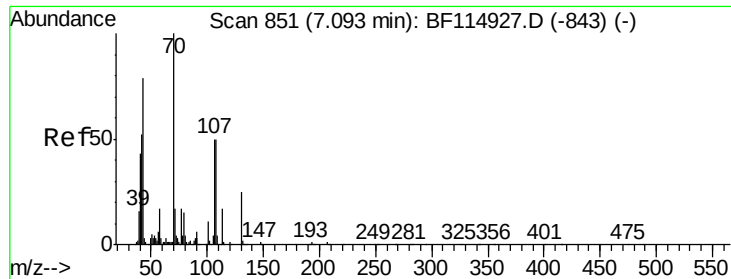
mohammad
6/12/2019 9:04:05 AM



#18
Hexachloroethane
Concen: 42.832 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	114.8
201	91.5	77.0	115.6





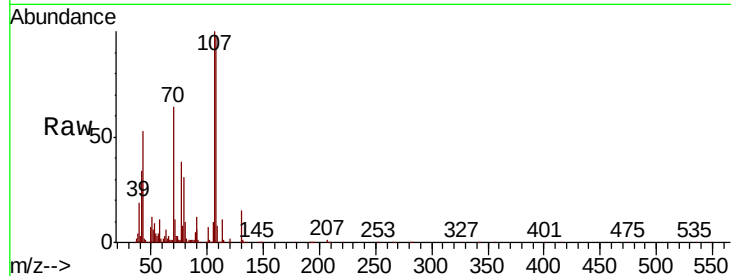
#19
n-Nitroso-di-n-propylamine
Concen: 41.737 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.0	41.7	62.5		
101	10.5	8.4	12.6		
130	24.3	19.9	29.9		

Manual Integrations
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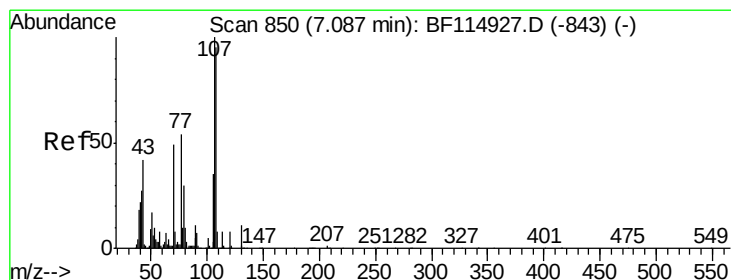
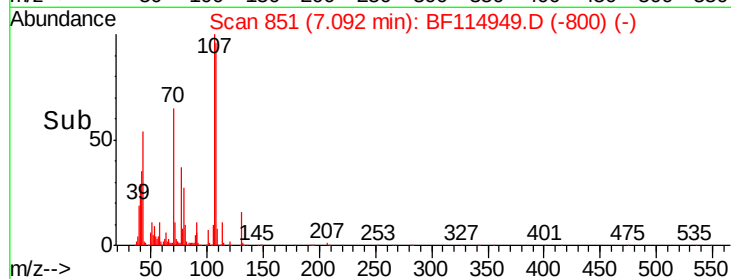
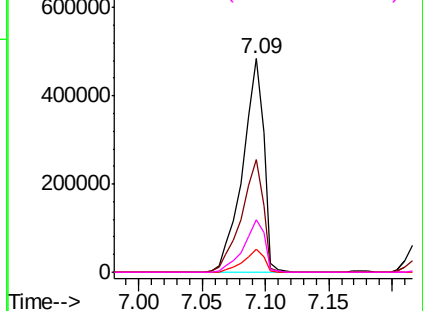
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 43.433 ng m
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	74.7	114.7		
77	81.2	33.7	73.7#		
79	26.9	10.2	50.2		

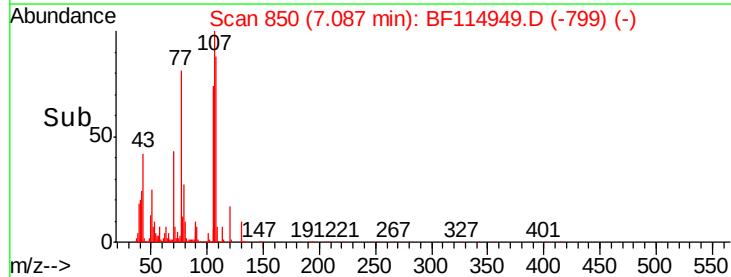
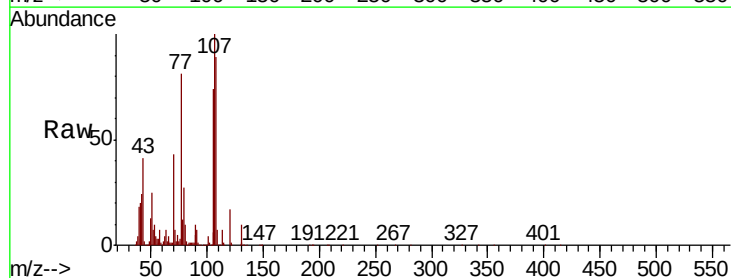
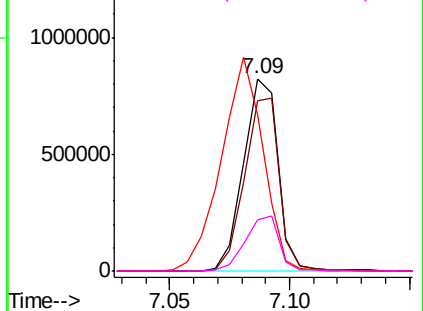
Abundance

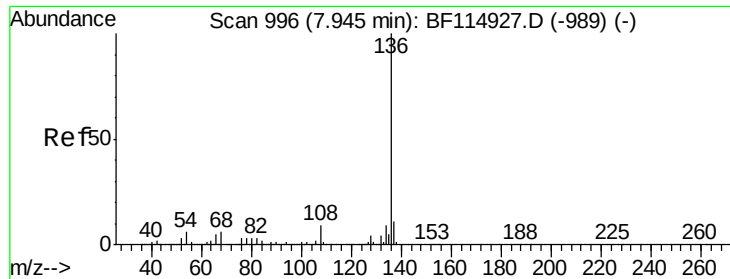
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





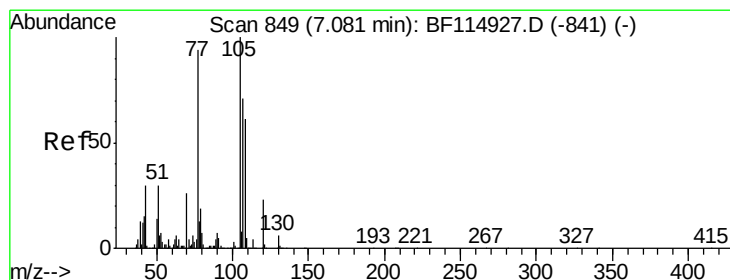
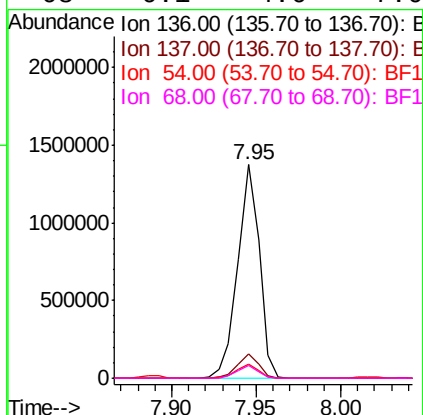
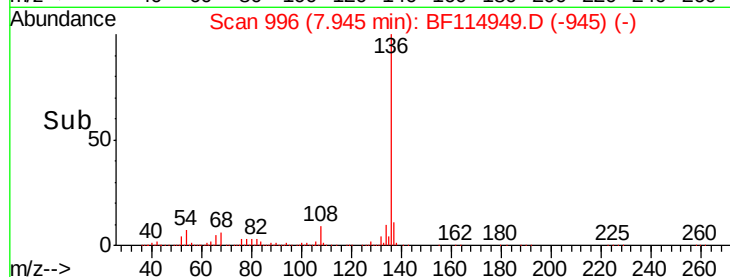
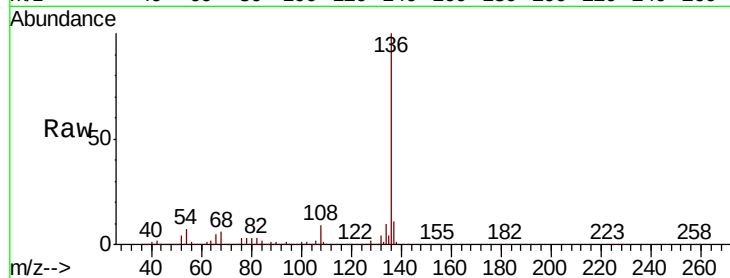
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	6.7	5.2	7.8
68	6.1	4.6	7.0

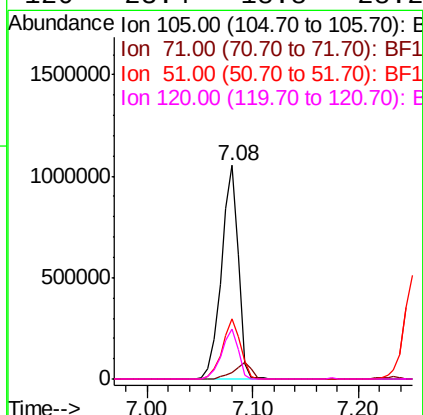
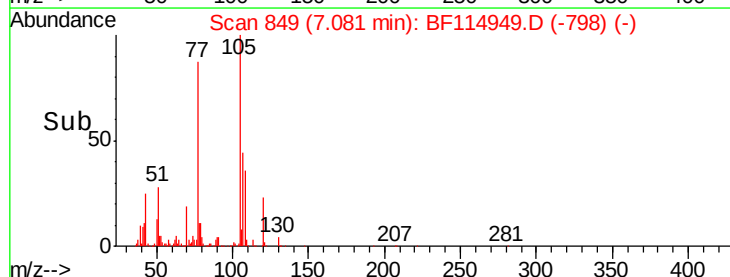
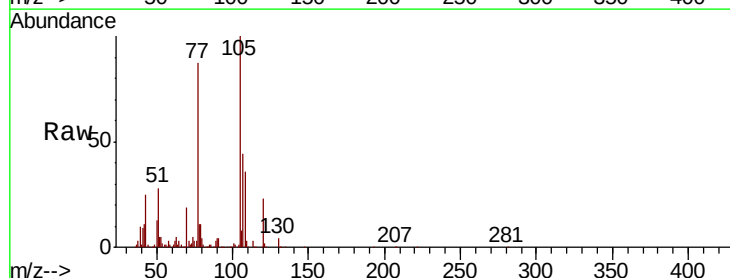
Manual Integrations
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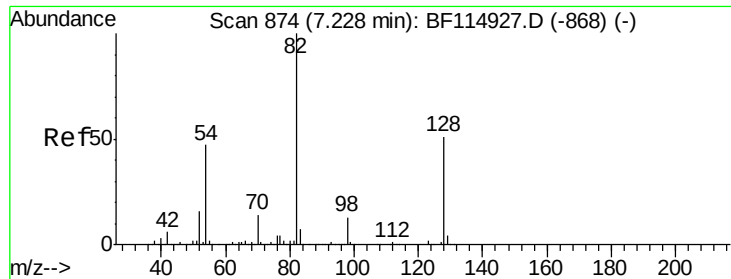
mohammad
6/12/2019 9:04:05 AM



#22
Acetophenone
Concen: 42.803 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.4	5.2#
51	28.2	24.0	36.0
120	23.4	18.8	28.2





#23

Nitrobenzene-d5

Concen: 85.564 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1709930

Ion Ratio Lower Upper

82 100

128 52.1 40.9 61.3

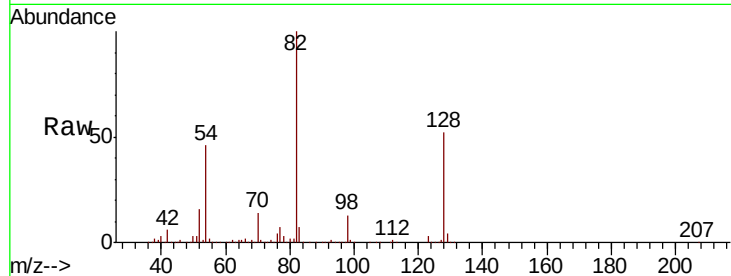
54 46.3 37.4 56.0

Manual Integrations

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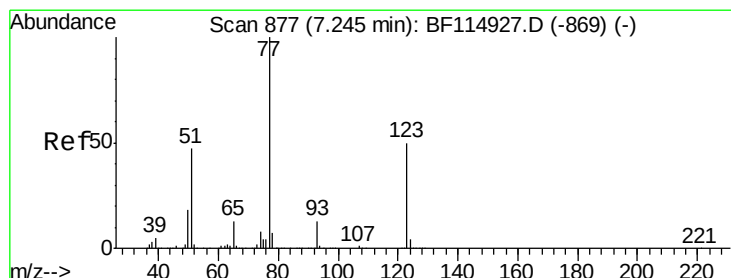
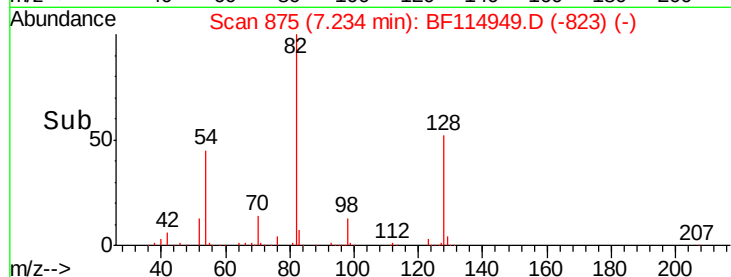
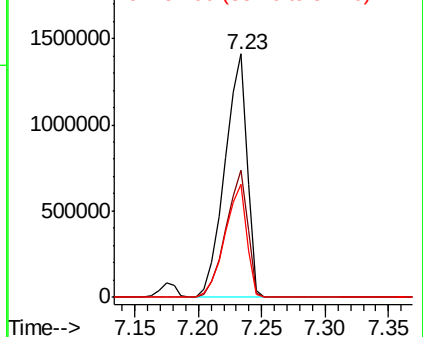
6/12/2019 9:04:05 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.041 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

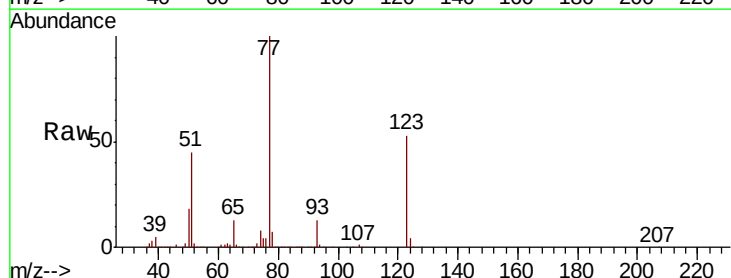
Tgt Ion: 77 Resp: 894773

Ion Ratio Lower Upper

77 100

123 53.4 39.8 59.6

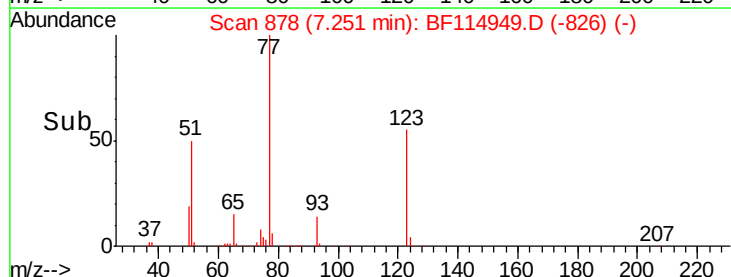
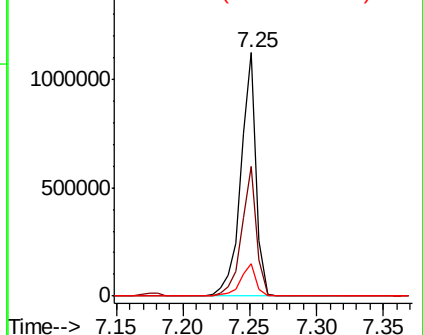
65 13.2 10.7 16.1

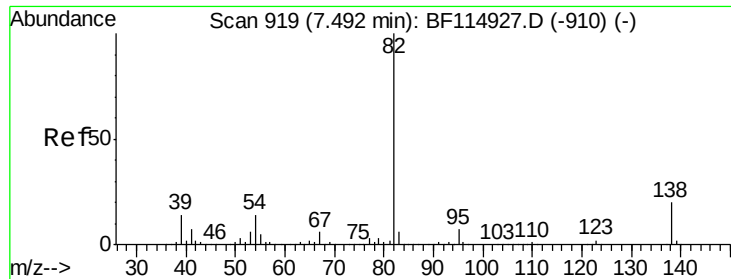


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.138 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1609852

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

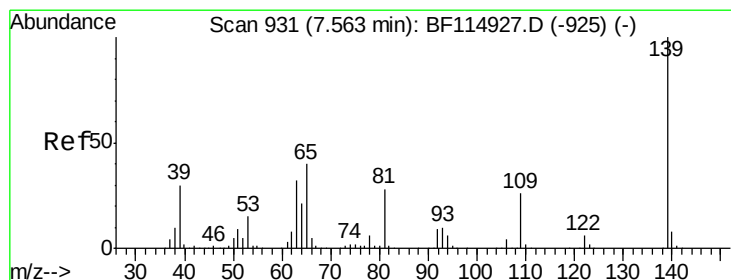
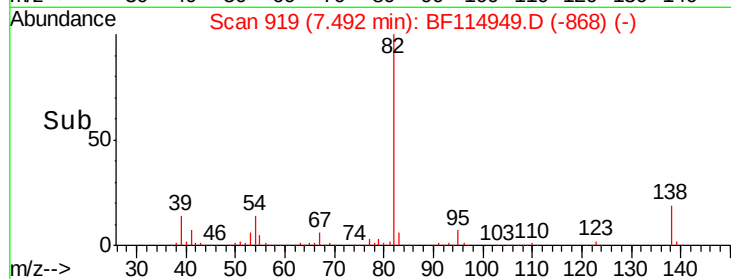
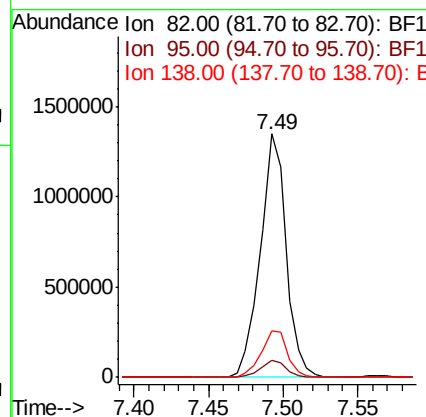
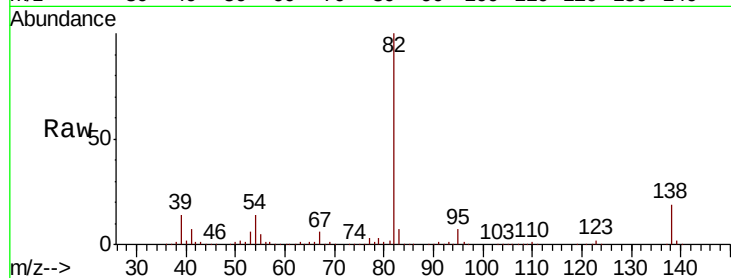
138 19.4 16.4 24.6

Manual Integrations

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mohammad

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#26

2-Nitrophenol

Concen: 44.112 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

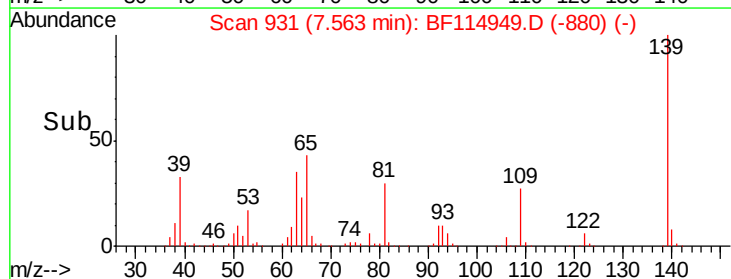
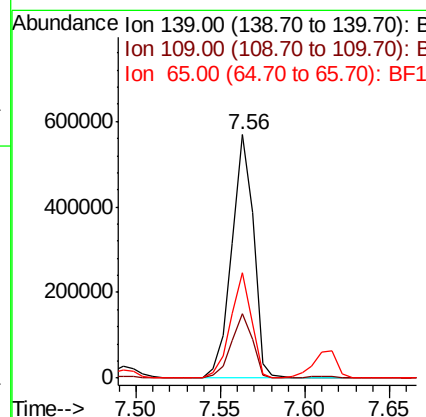
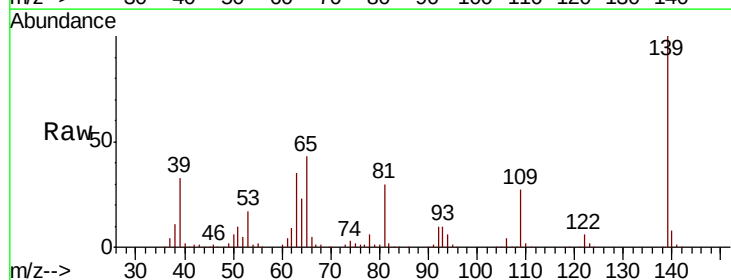
Tgt Ion: 139 Resp: 509479

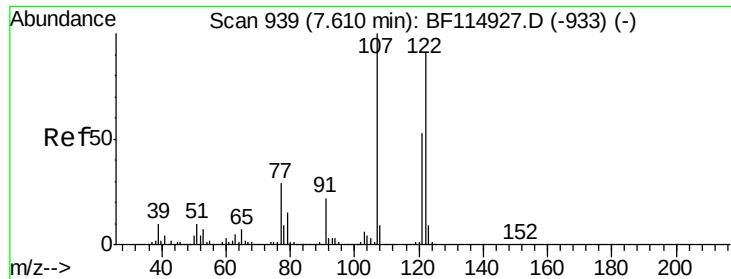
Ion Ratio Lower Upper

139 100

109 26.6 20.6 30.8

65 43.4 32.2 48.2





#27

2,4-Dimethylphenol

Concen: 42.205 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

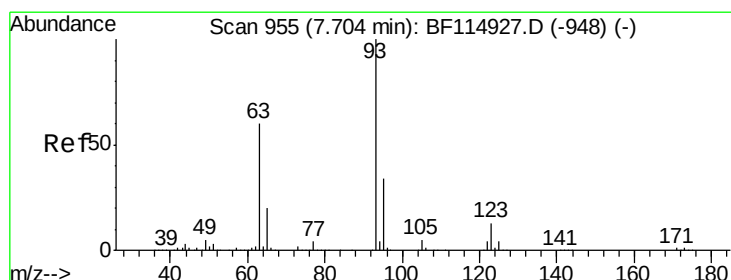
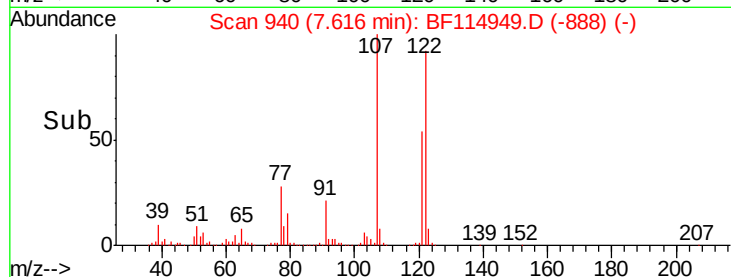
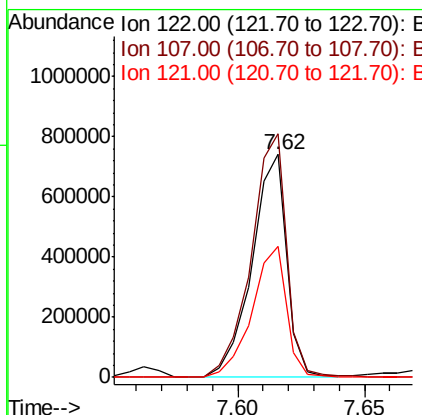
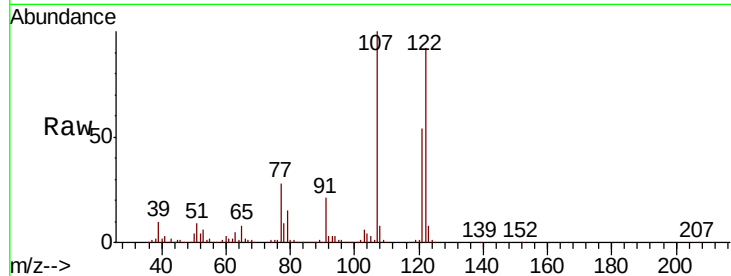
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	713299
Ion Ratio	Lower	Upper	
122	100		
107	109.2	88.0	132.0
121	58.8	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 41.909 ng

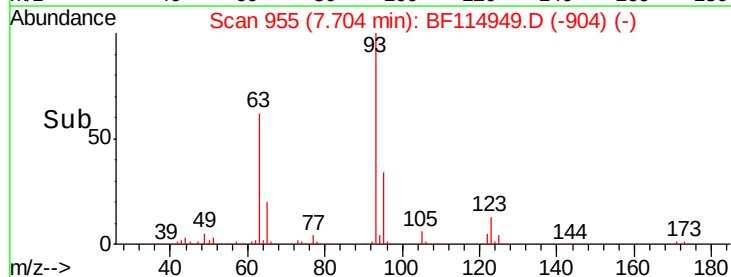
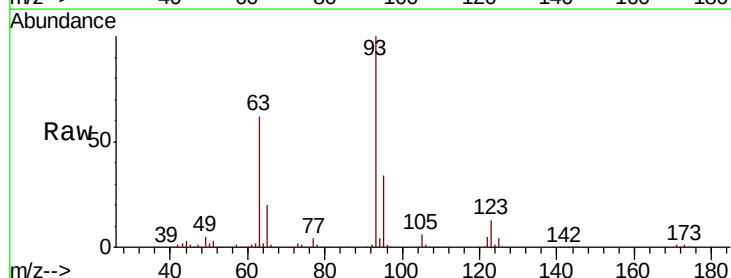
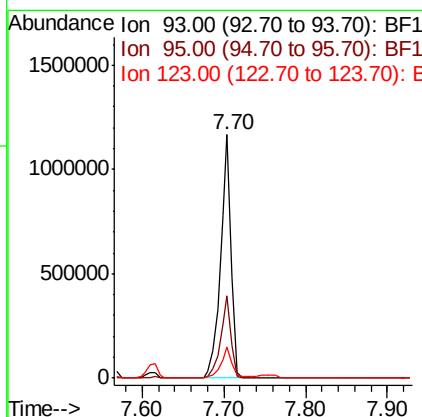
RT: 7.70 min Scan# 955

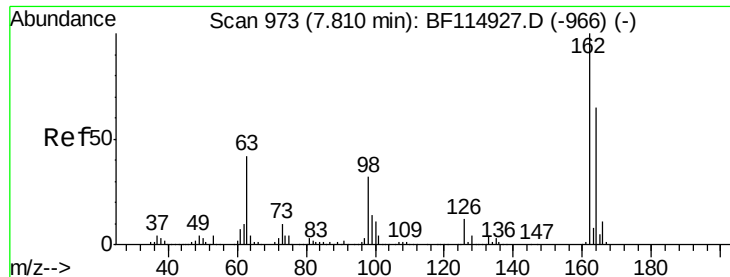
Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Tgt Ion:	93	Resp:	1049140
Ion Ratio	Lower	Upper	
93	100		
95	33.6	27.0	40.4
123	12.6	10.3	15.5





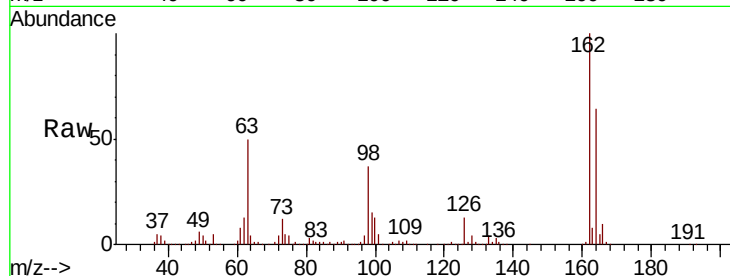
#29
2,4-Dichlorophenol
Concen: 43.333 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	766947		
164	64.3		45.4	85.4
98	36.5		12.5	52.5

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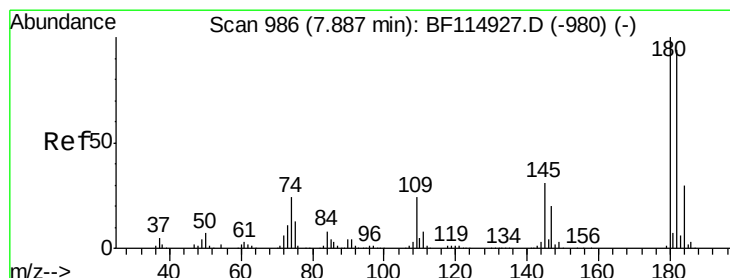
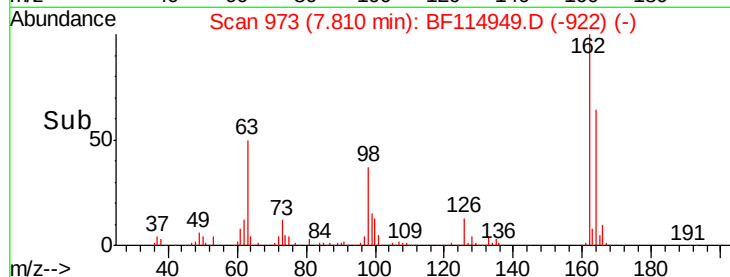
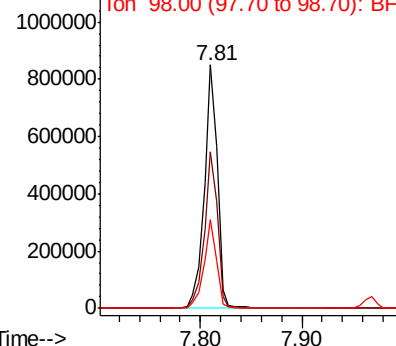


Abundance

Ion 162.00 (161.70 to 162.70): E

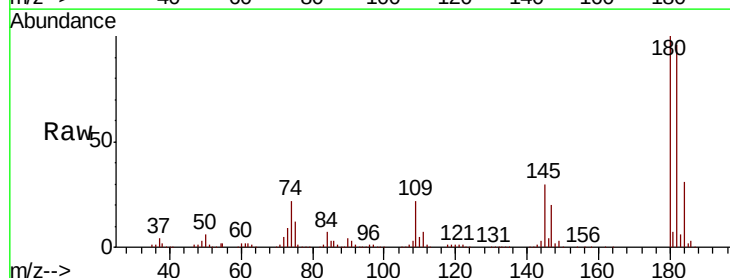
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.710 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	867525		
182	95.5		75.0	112.6
145	30.5		25.1	37.7

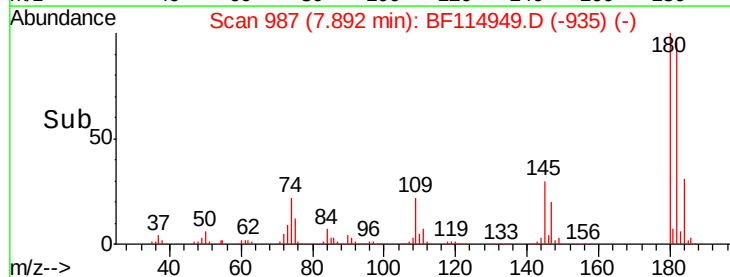
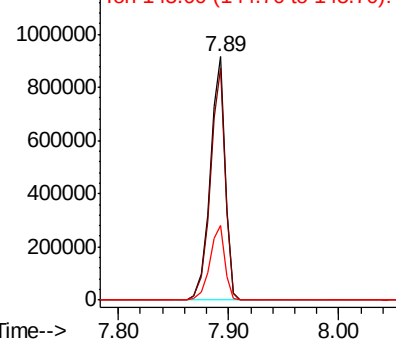


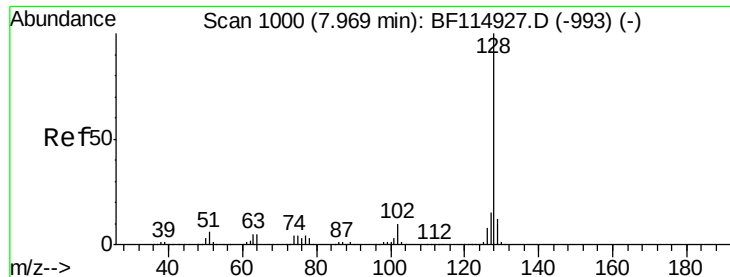
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





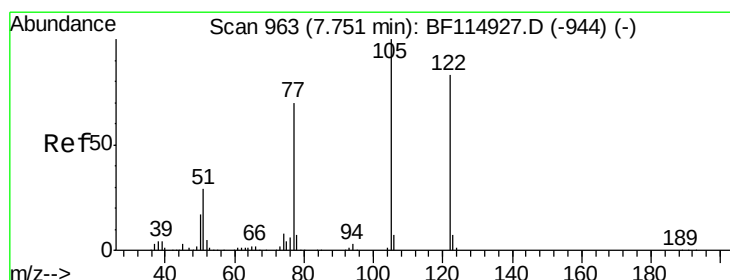
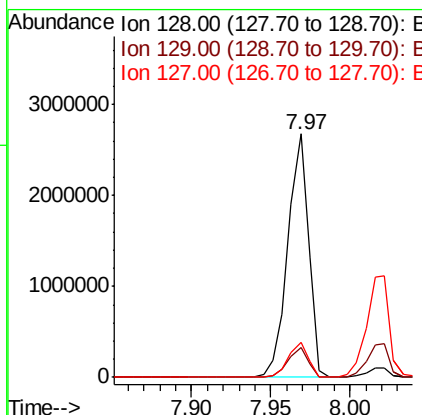
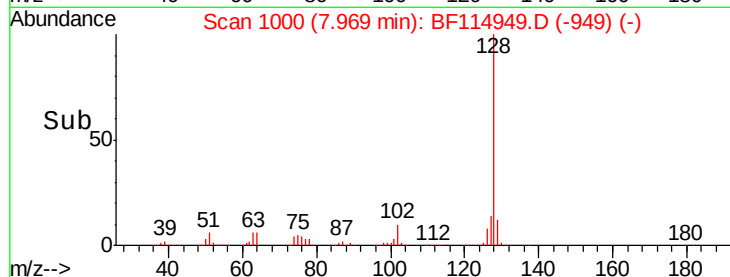
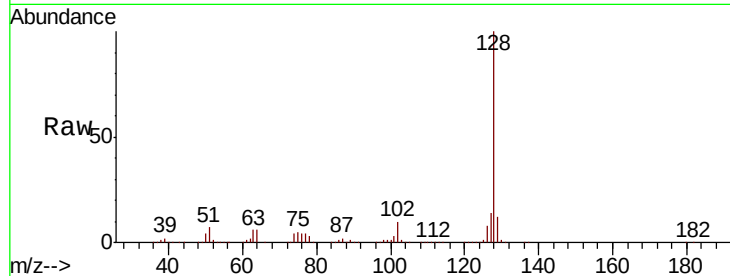
#31
Naphthalene
Concen: 43.047 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2435482
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.8
127 14.4 11.8 17.6

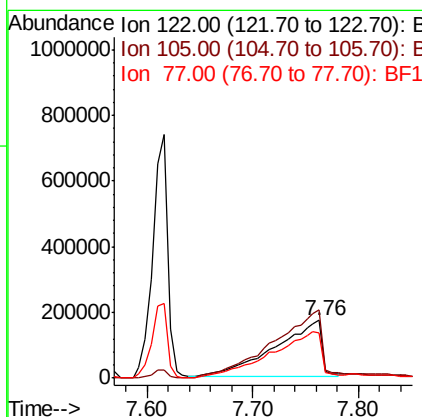
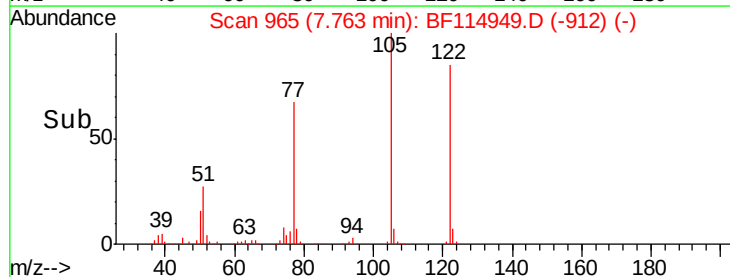
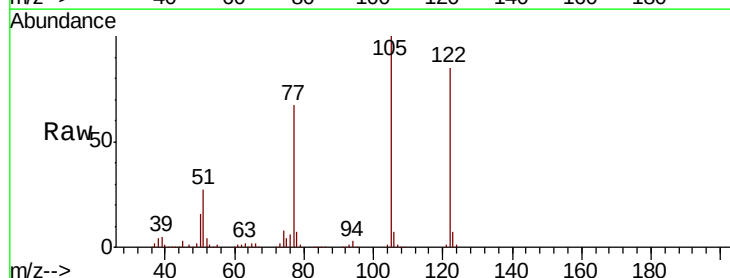
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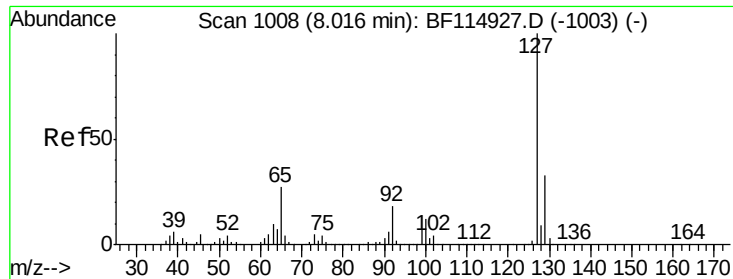
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#32
Benzoic acid
Concen: 42.264 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:122 Resp: 533554
Ion Ratio Lower Upper
122 100
105 117.5 97.7 137.7
77 78.9 63.0 103.0





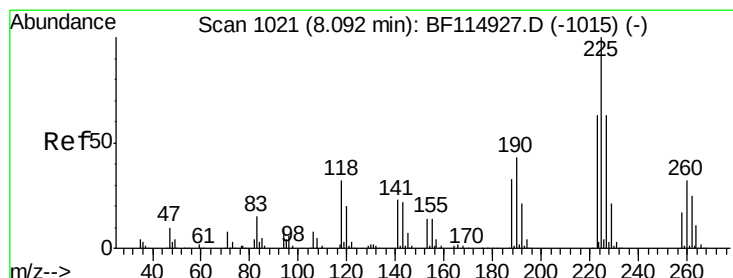
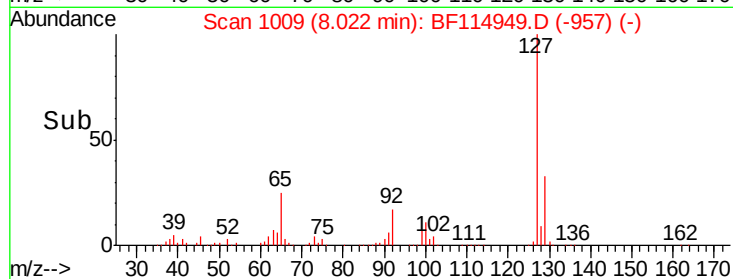
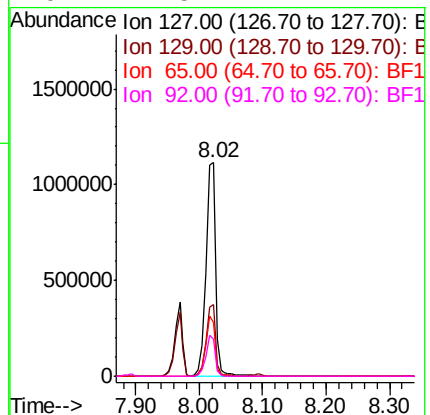
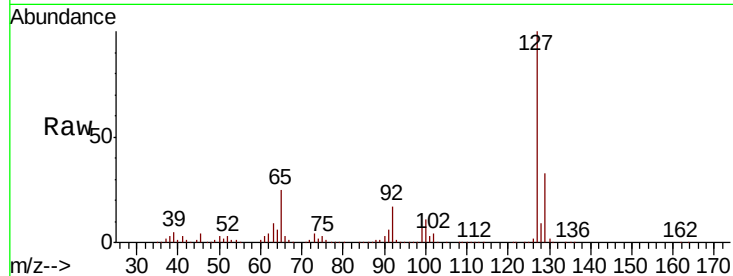
#33
4-Chloroaniline
Concen: 43.393 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.4	26.6	40.0	
65	25.1	21.5	32.3	
92	17.5	14.7	22.1	

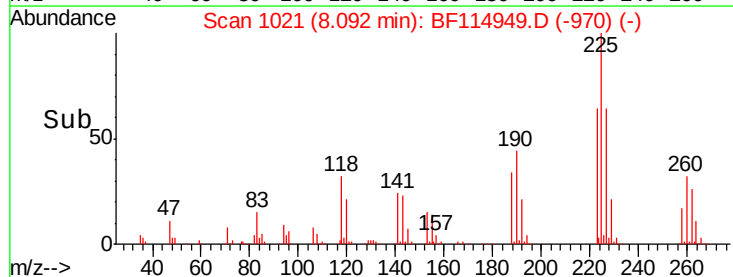
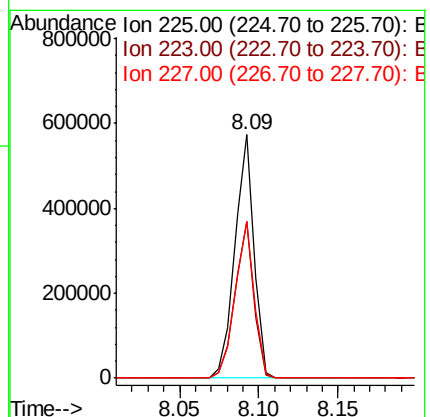
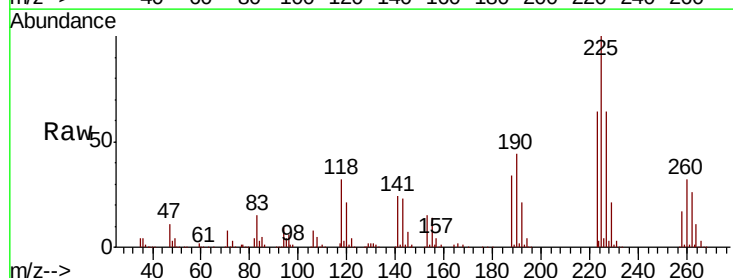
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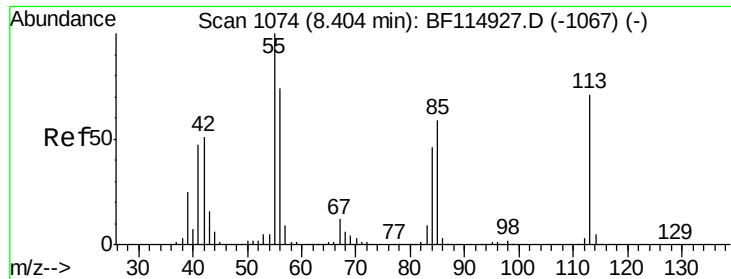
mohammad
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#34
Hexachlorobutadiene
Concen: 42.194 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.2	50.6	75.8	
227	64.5	50.6	75.8	





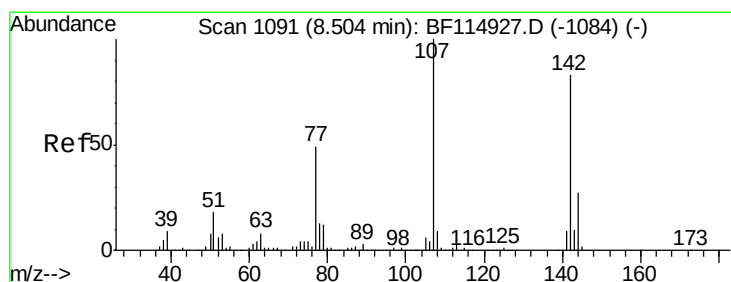
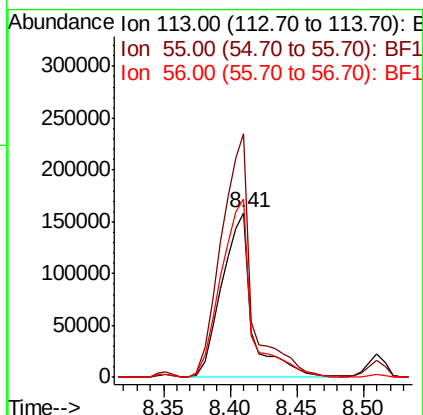
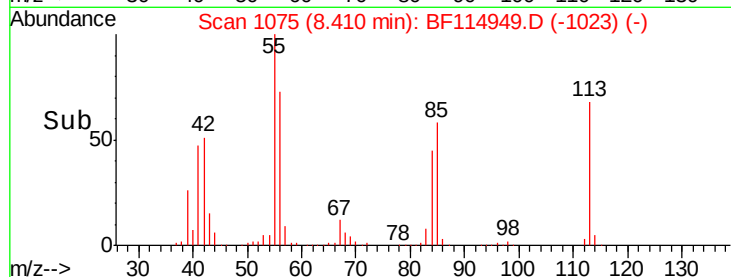
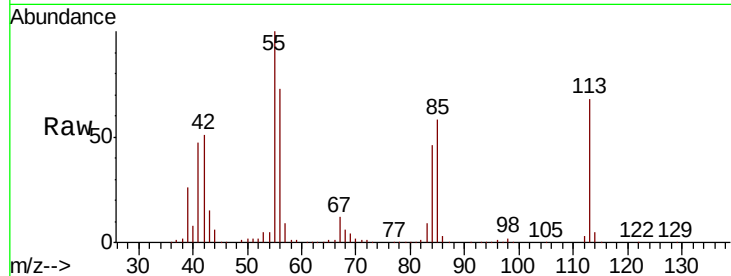
#35
Caprolactam
Concen: 42.733 ng
RT: 8.41 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	147.7	120.9	160.9		
56	108.5	84.3	124.3		

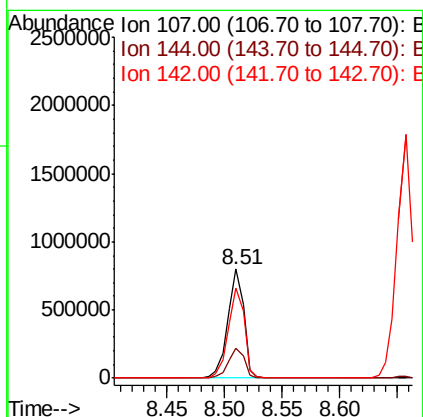
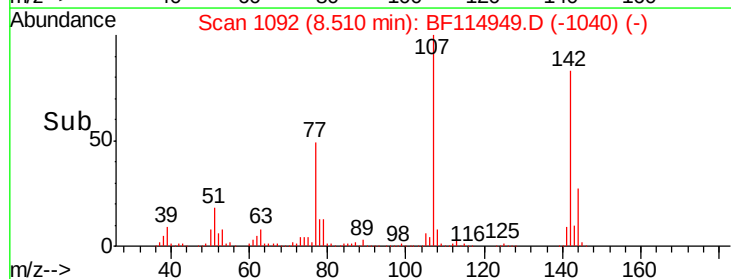
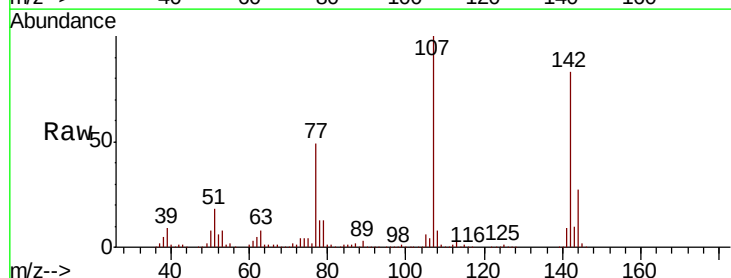
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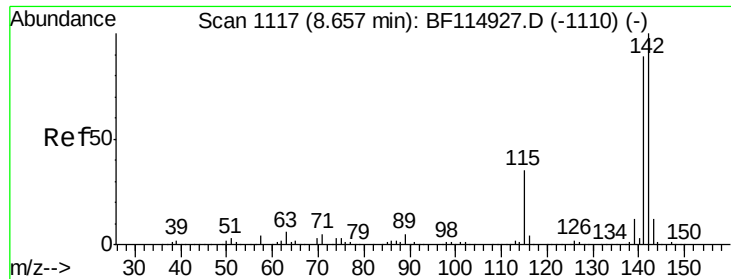
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#36
4-Chloro-3-methylphenol
Concen: 42.695 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.3	21.6	32.4		
142	83.1	66.1	99.1		





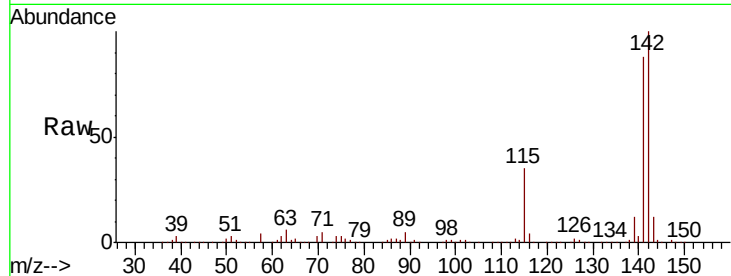
#37
2-Methylnaphthalene
Concen: 42.495 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.1	106.7
115	35.2	27.8	41.6

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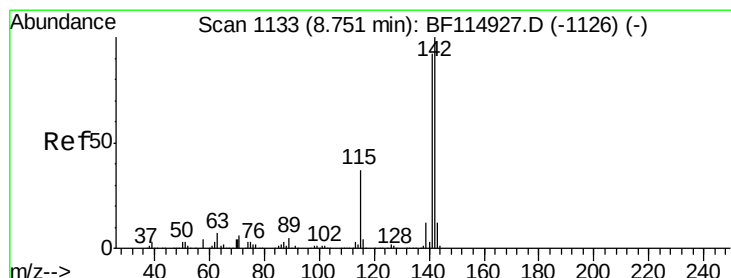
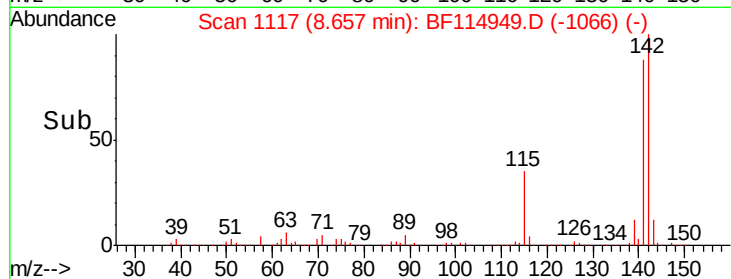
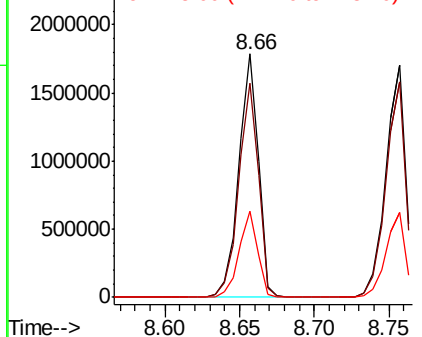


Abundance

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: 42.336 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

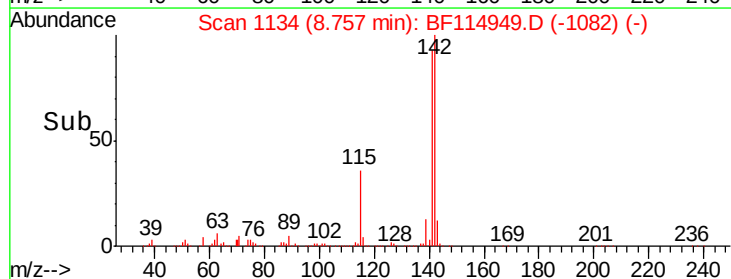
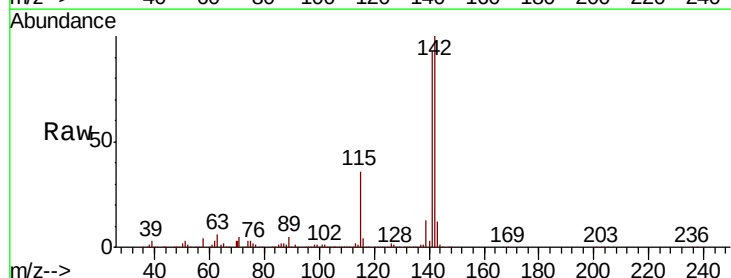
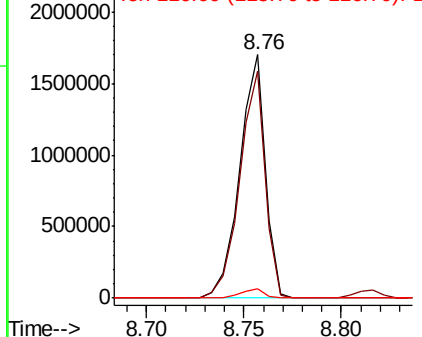
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.7	110.5
116	3.9	3.1	4.7

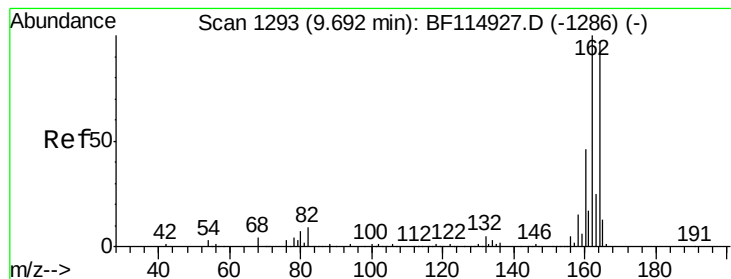
Abundance

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: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

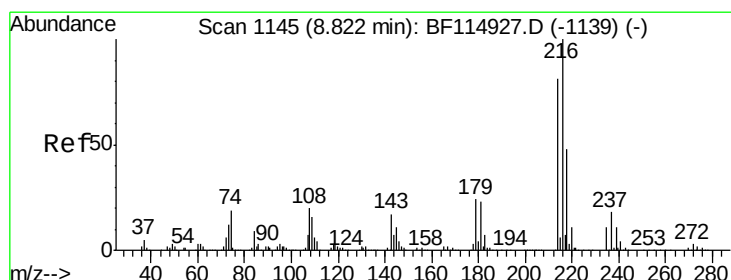
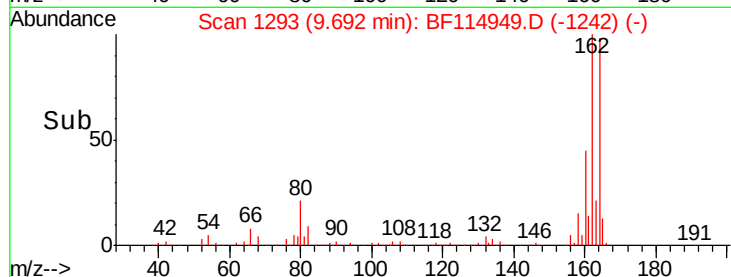
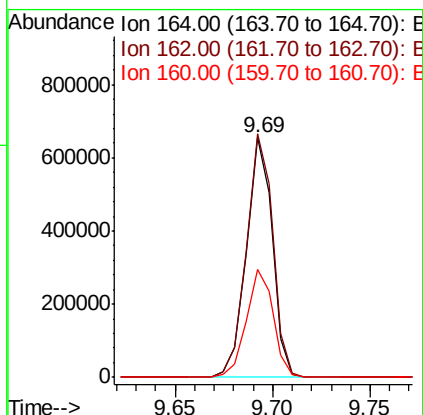
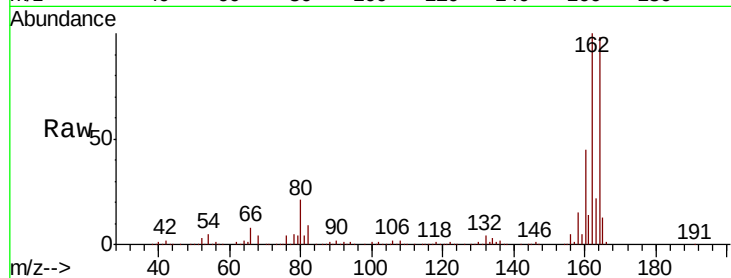
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	45.3	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.360 ng

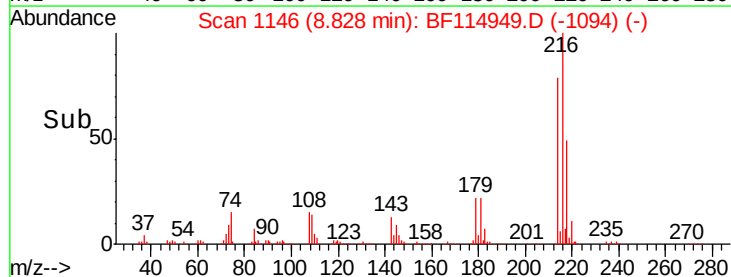
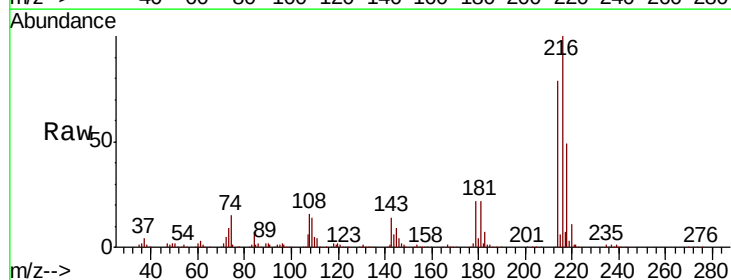
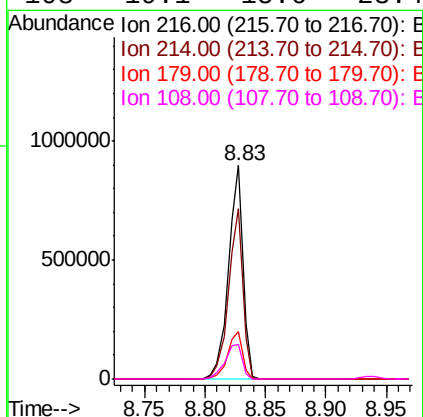
RT: 8.83 min Scan# 1146

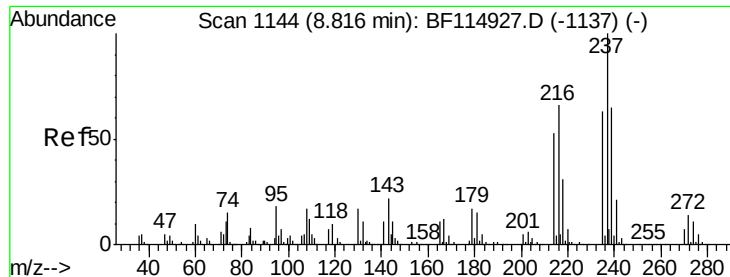
Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	22.7	18.5	27.7
108	19.1	15.6	23.4





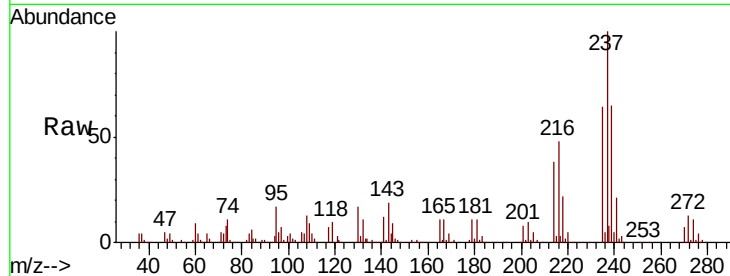
#41
Hexachlorocyclopentadiene
Concen: 39.967 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

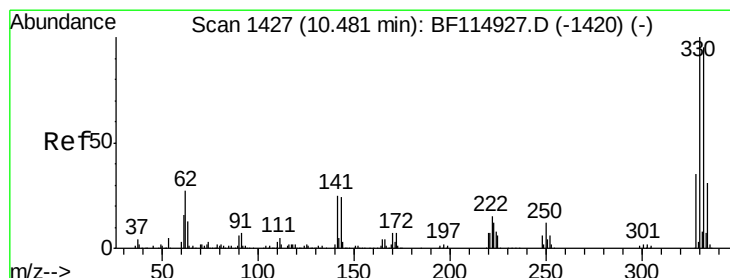
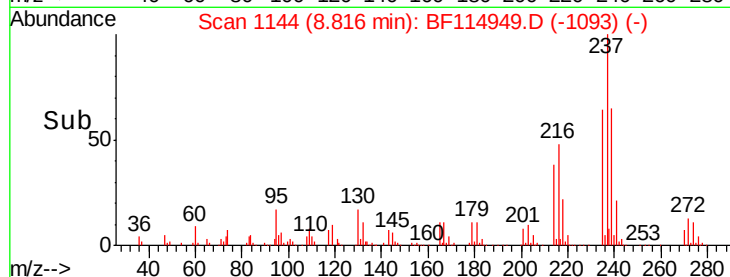
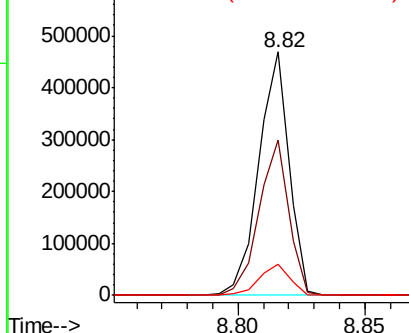
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	43.3	83.3
272	13.0	0.0	33.5

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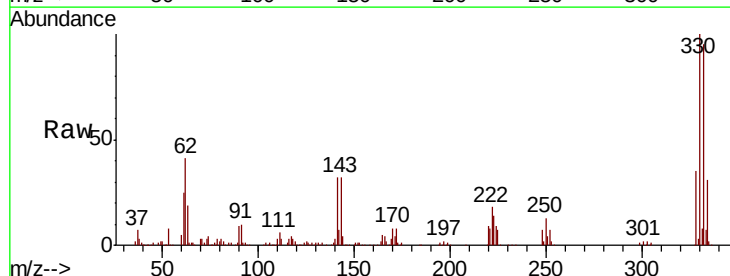


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

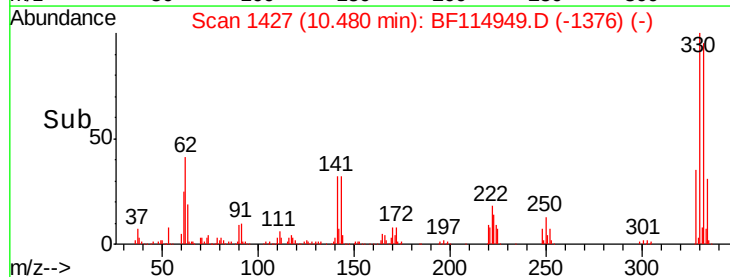
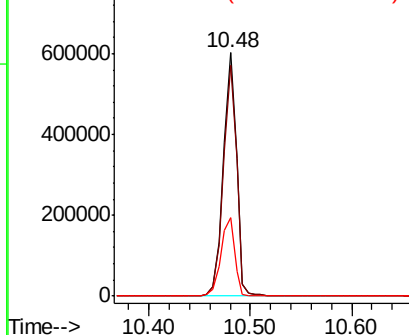


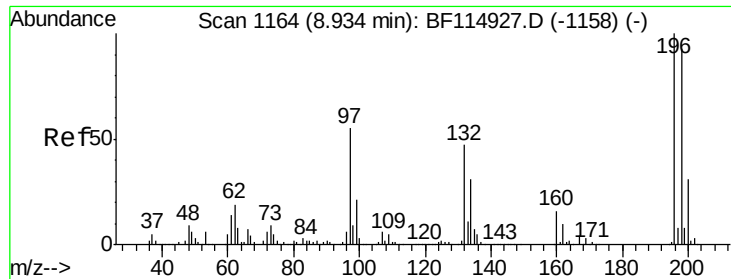
#42
2,4,6-Tribromophenol
Concen: 83.524 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	76.4	114.6
141	33.6	26.8	40.2



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





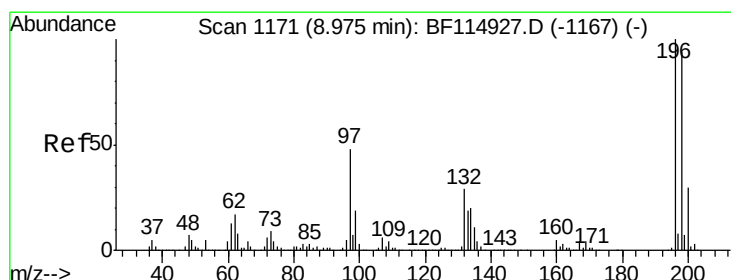
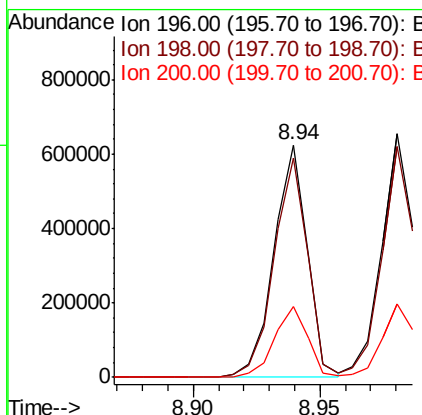
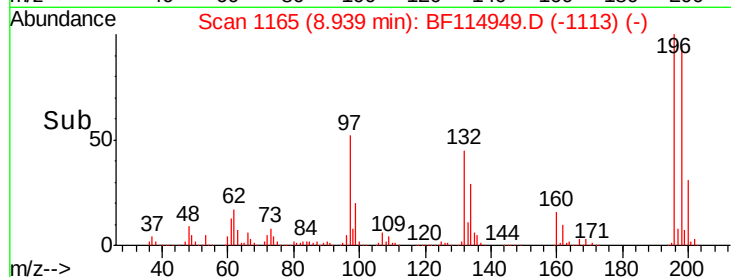
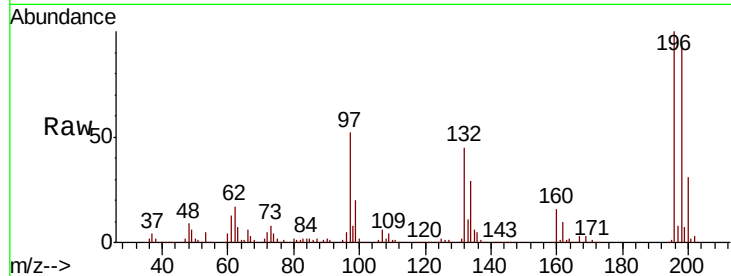
#43
 2,4,6-Trichlorophenol
 Concen: 43.051 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	565486		
198	94.3	74.8	112.2	
200	30.7	24.5	36.7	

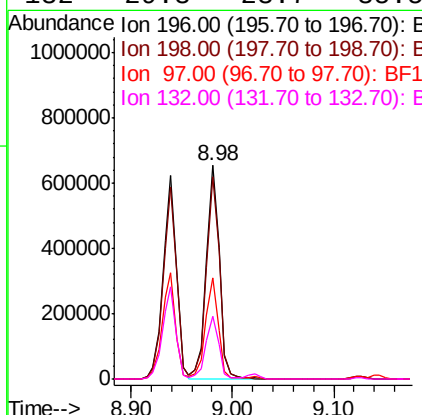
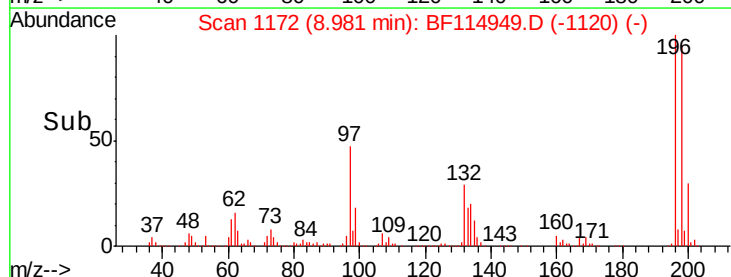
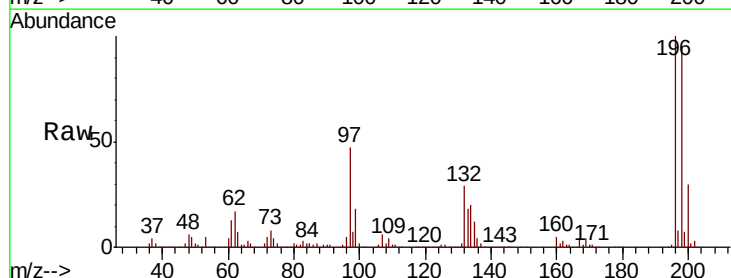
Manual Integrations
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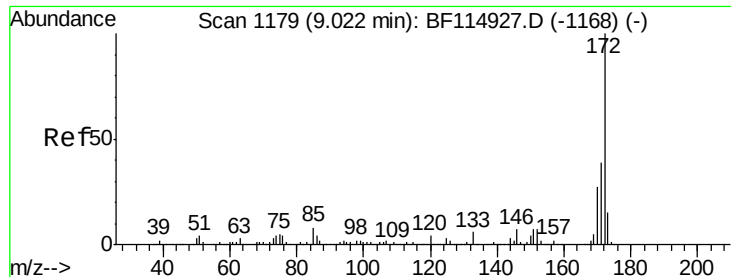
mohammad
 6/12/2019 9:04:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.097 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	583697		
198	94.6	75.6	113.4	
97	47.2	38.6	57.8	
132	29.3	23.7	35.5	





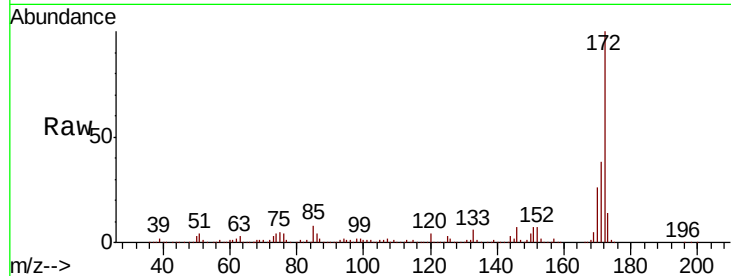
#45
2-Fluorobiphenyl
Concen: 77.818 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.2	21.4	32.0

Manual Integrations
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6/12/2019 9:04:05 AM

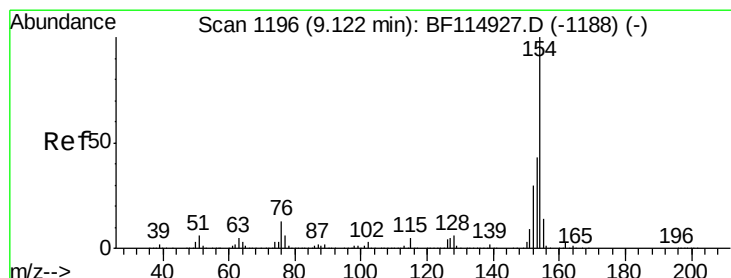
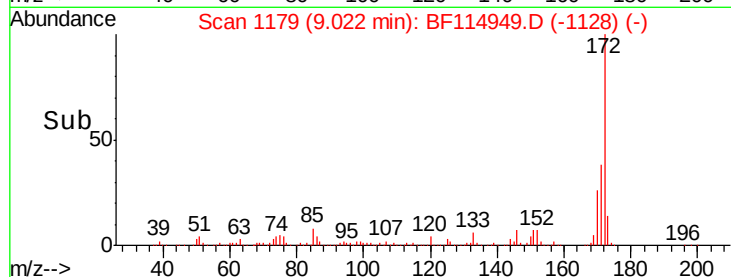
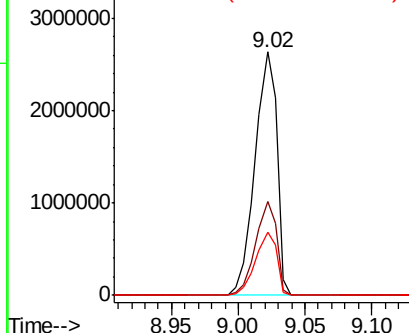


Abundance

Ion 172.00 (171.70 to 172.70): E

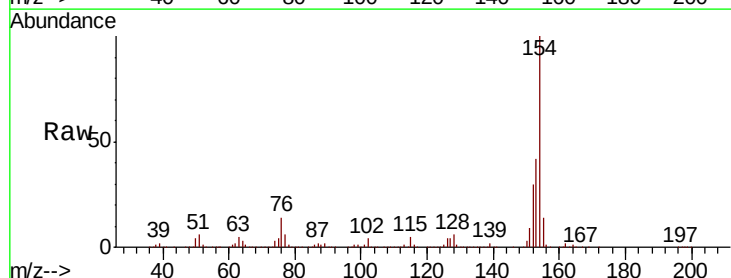
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.931 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.8	62.8
76	13.6	0.0	33.0

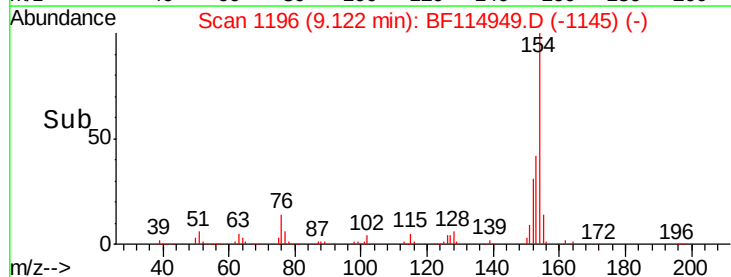
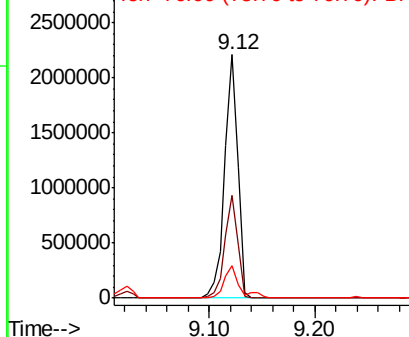


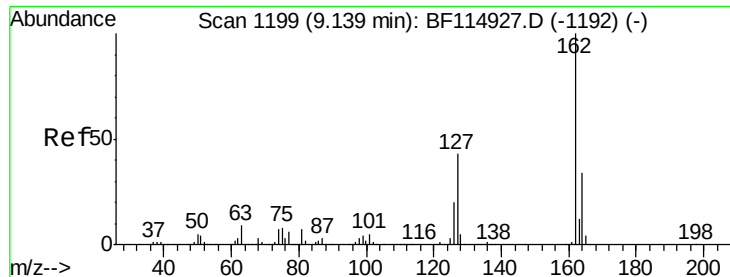
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





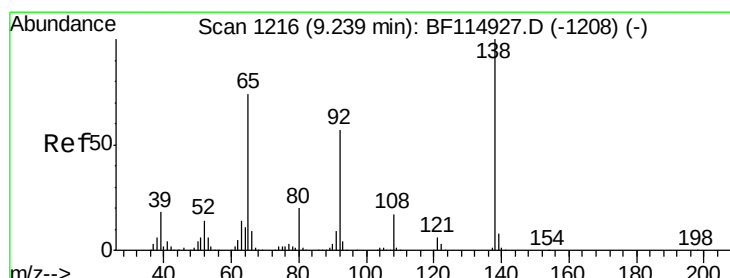
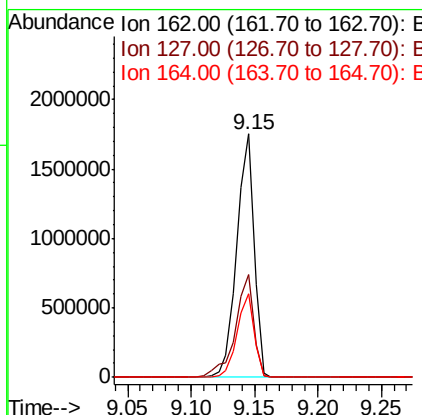
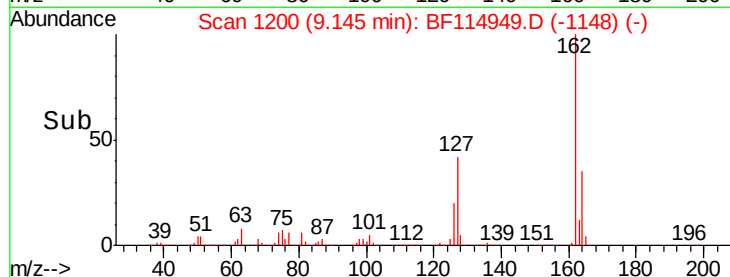
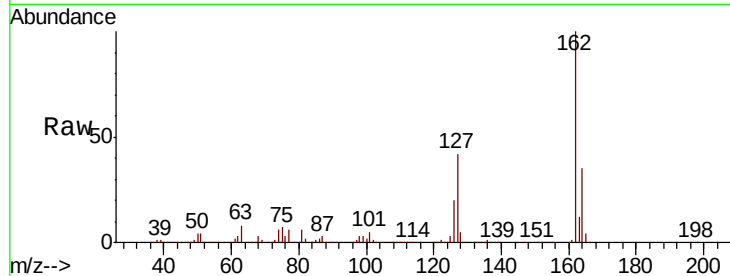
#47
 2-Chloronaphthalene
 Concen: 43.155 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.6	51.8
164	34.5	27.5	41.3

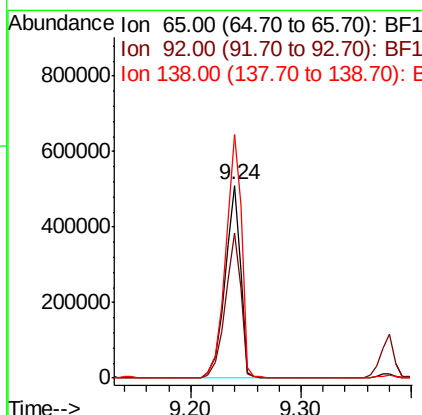
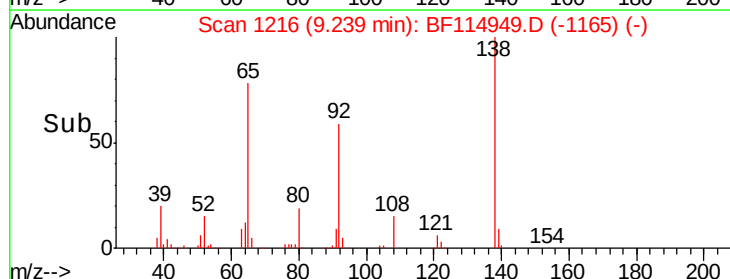
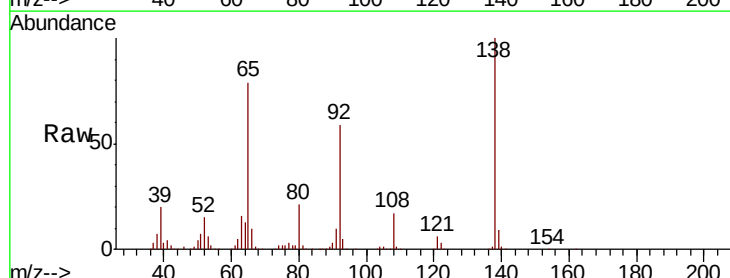
Manual Integrations
 APPROVED

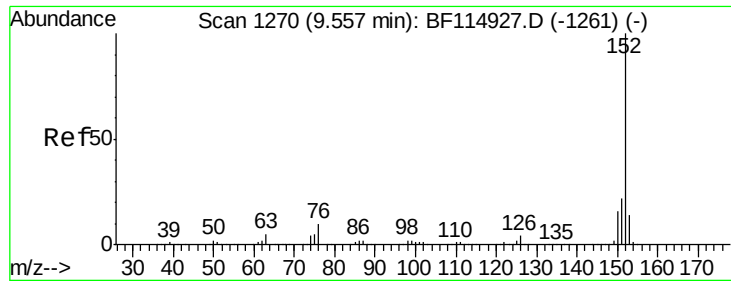
mohammad
 6/12/2019 9:04:05 AM



#48
 2-Nitroaniline
 Concen: 43.400 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	61.9	92.9
138	126.2	108.6	162.8





#49

Acenaphthylene

Concen: 42.840 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2398752

Ion Ratio Lower Upper

152 100

151 22.2 17.6 26.4

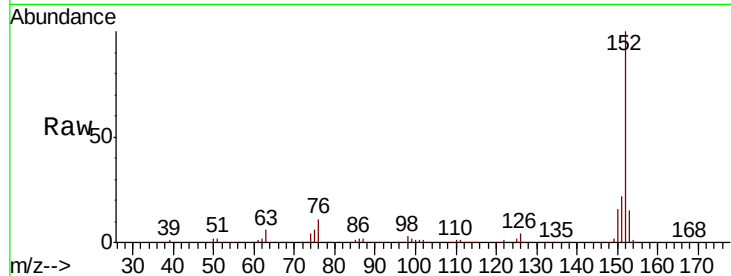
153 14.5 11.4 17.0

Manual Integrations

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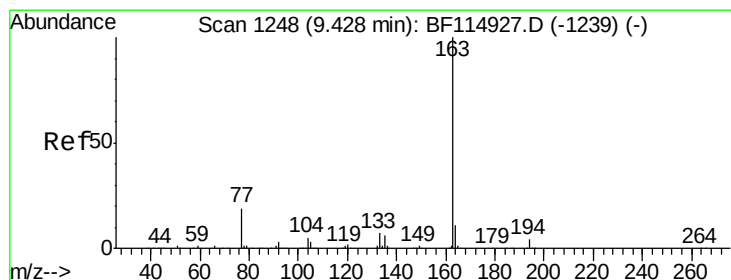
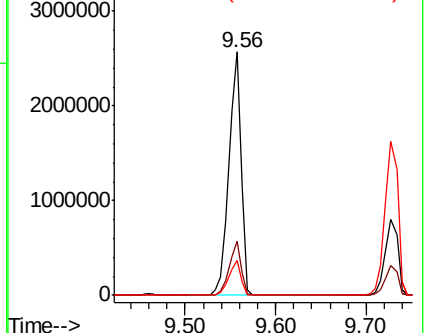
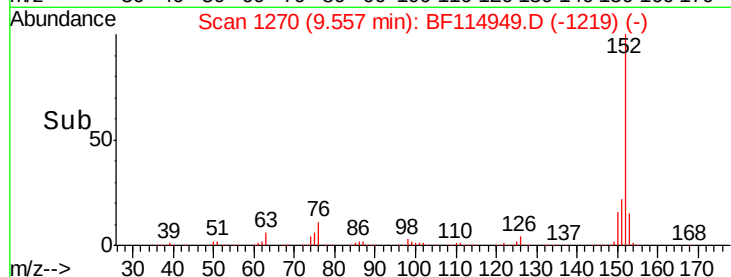
6/12/2019 9:04:05 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.562 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

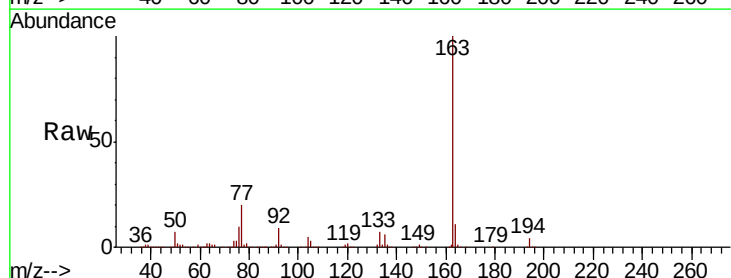
Tgt Ion:163 Resp: 1924659

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

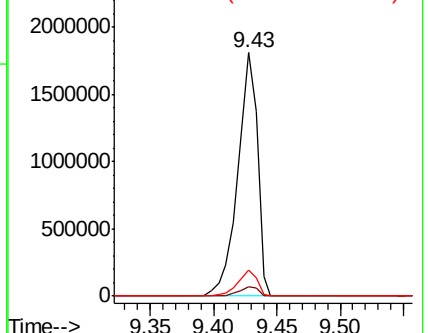
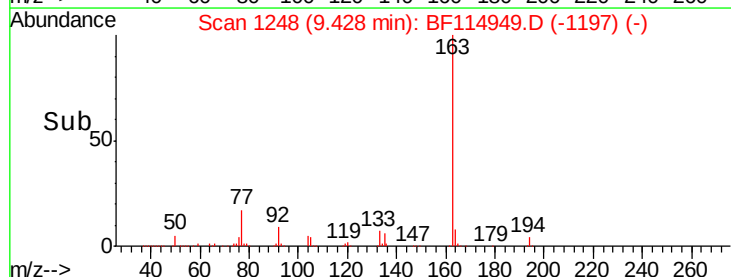
164 10.8 8.7 13.1

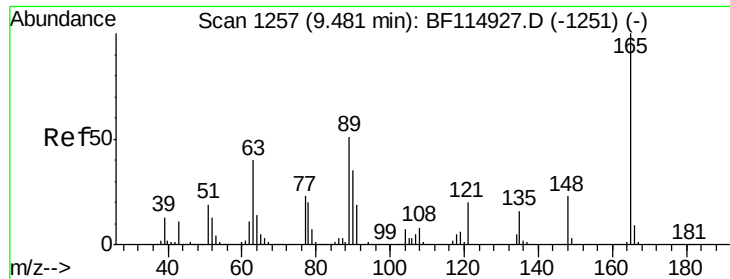


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





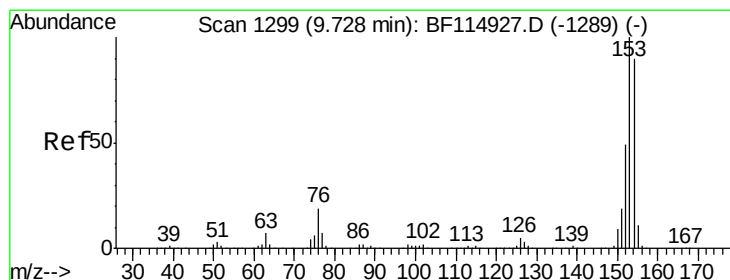
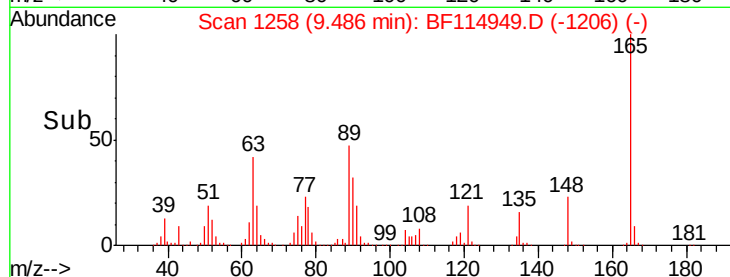
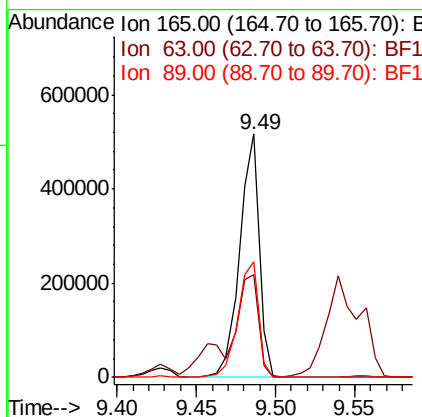
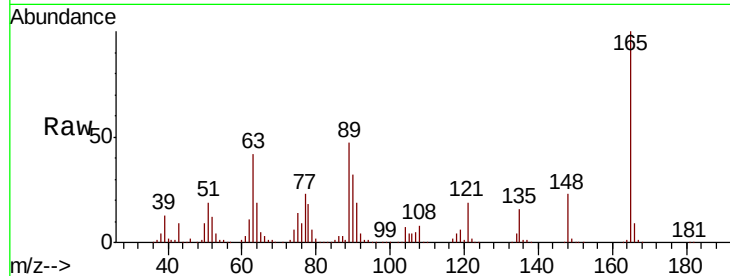
#51
 2,6-Dinitrotoluene
 Concen: 42.604 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	38.3	57.5
89	47.4	40.8	61.2

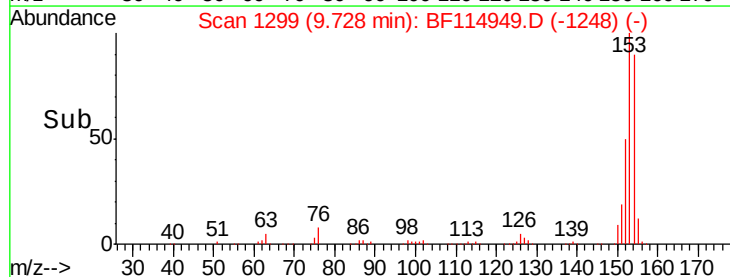
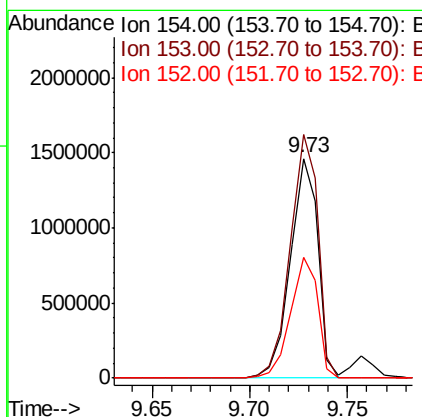
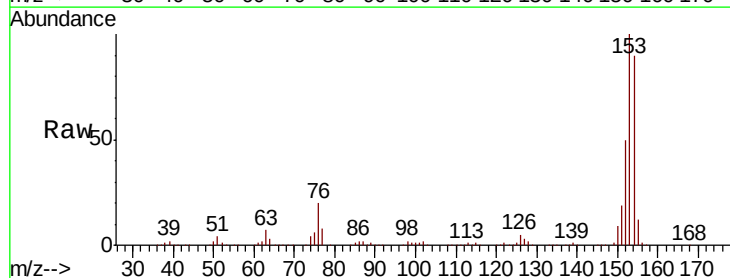
Manual Integrations
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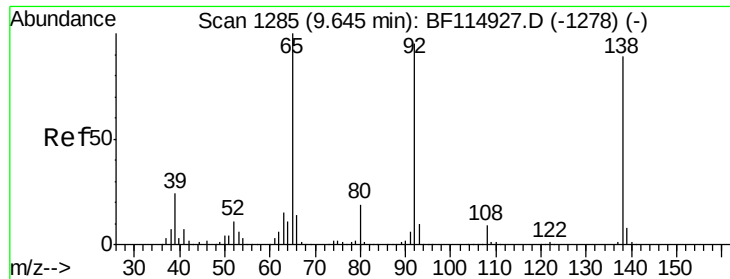
mohammad
 6/12/2019 9:04:05 AM



#52
 Acenaphthene
 Concen: 42.127 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.1	133.7
152	54.9	43.8	65.6





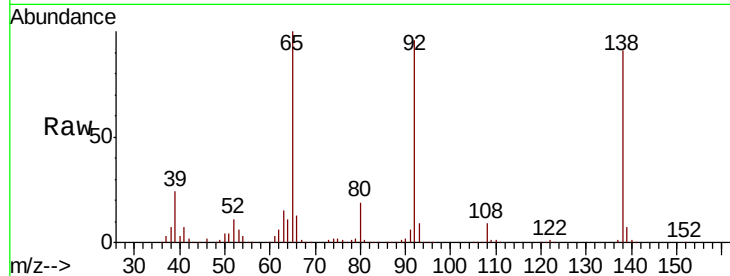
#53
3-Nitroaniline
Concen: 43.264 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	105.4	85.0	127.6

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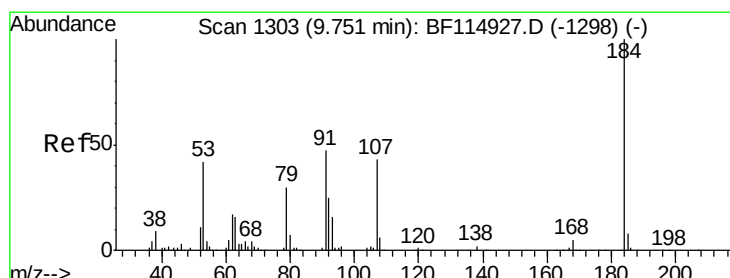
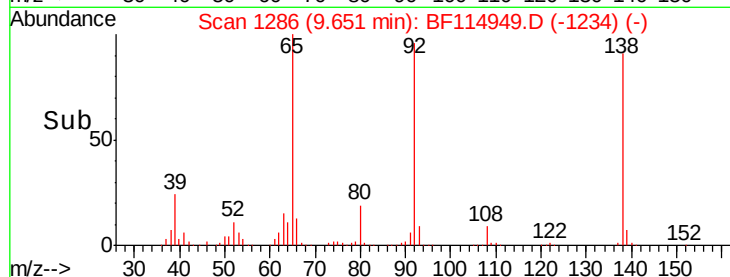
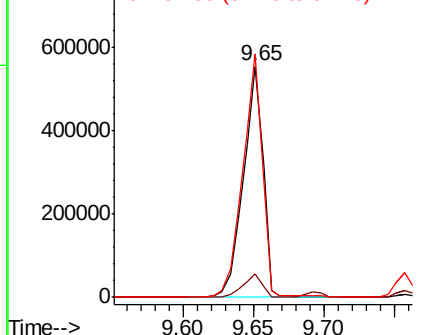


Abundance

Ion 138.00 (137.70 to 138.70): E

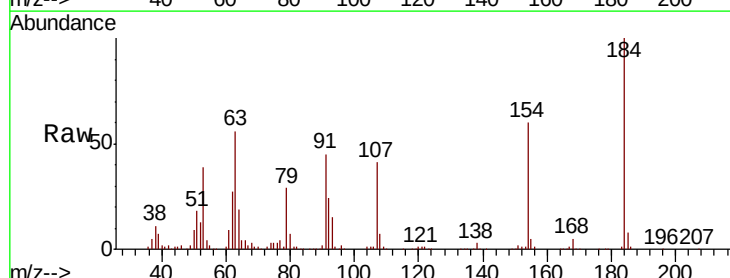
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 41.787 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	47.4	71.0
154	60.2	48.6	73.0

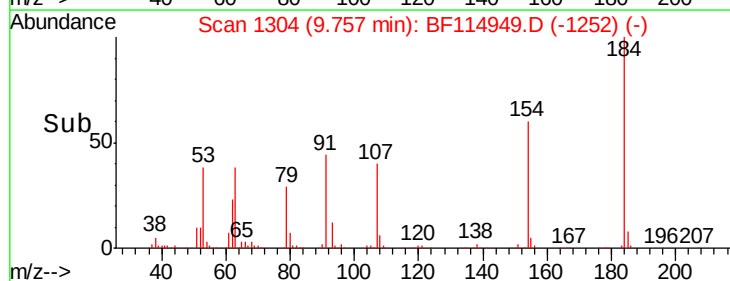
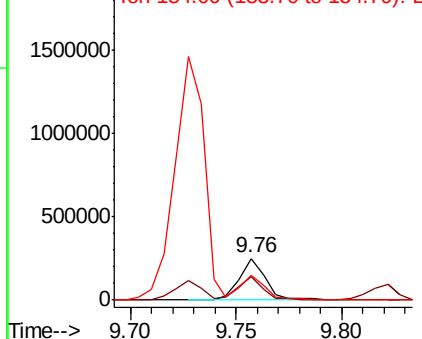


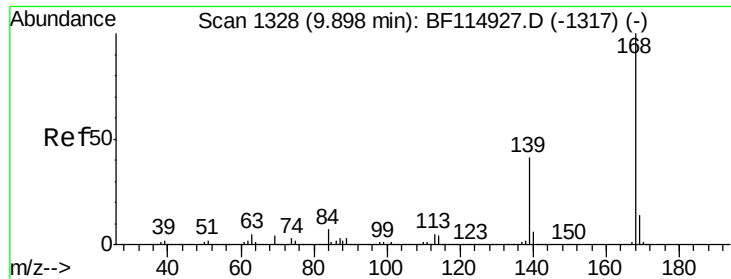
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





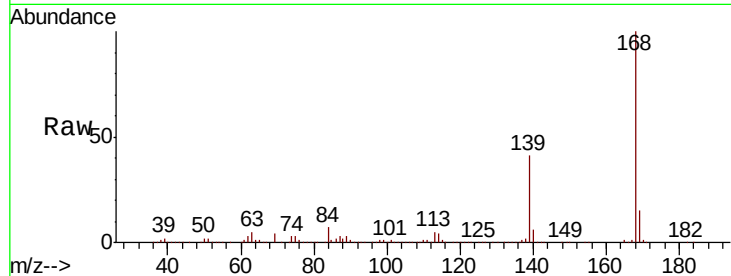
#55
Dibenzofuran
Concen: 42.941 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.0	49.4
169	14.5	11.6	17.4

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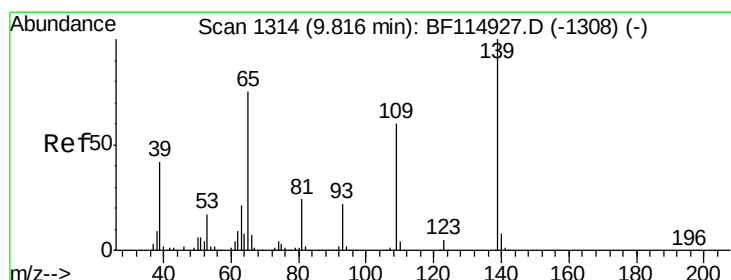
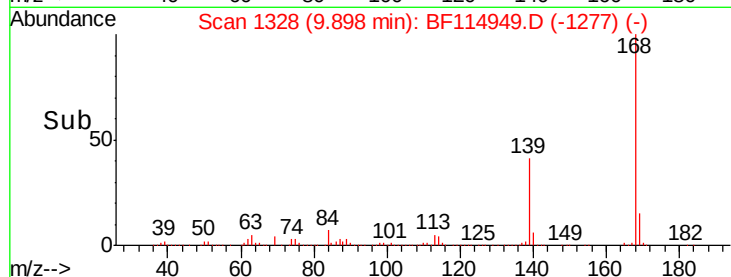
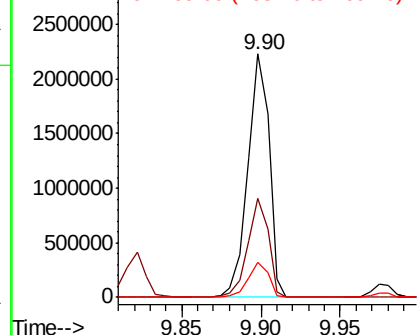


Abundance

Ion 168.00 (167.70 to 168.70): E

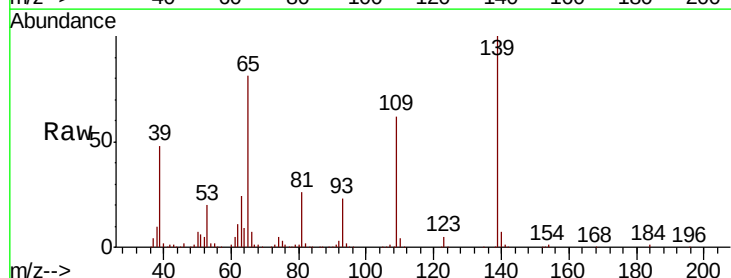
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.142 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	40.0	80.0
65	80.6	55.0	95.0

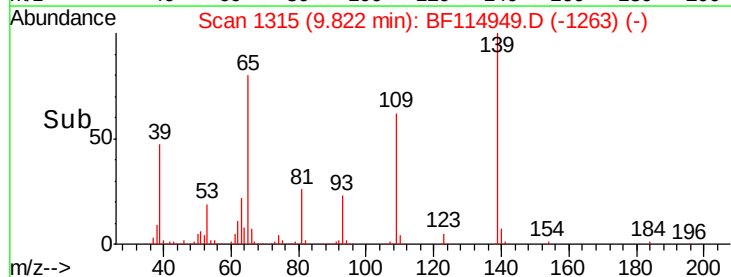
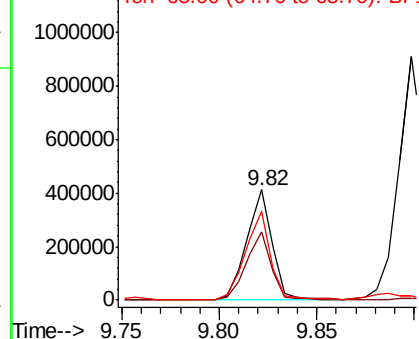


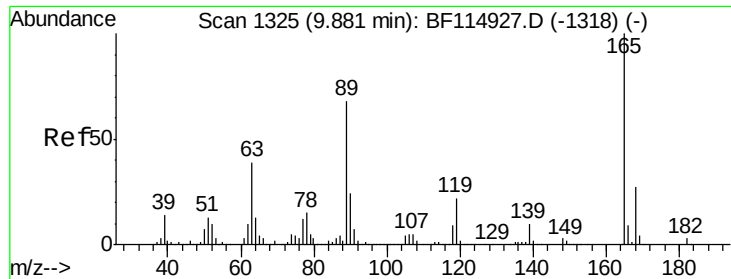
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





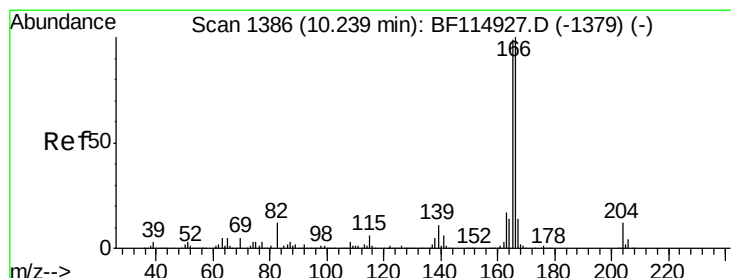
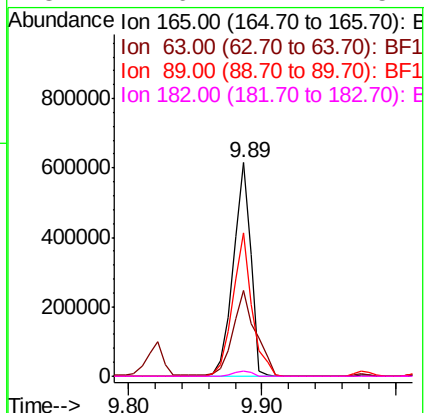
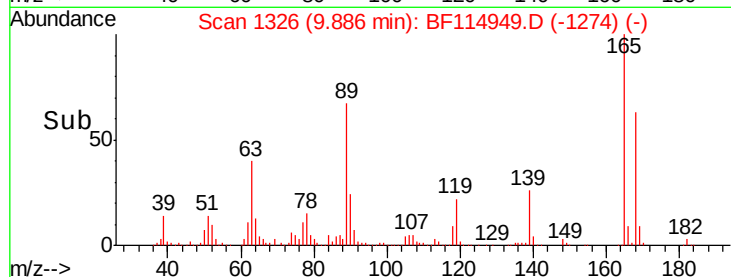
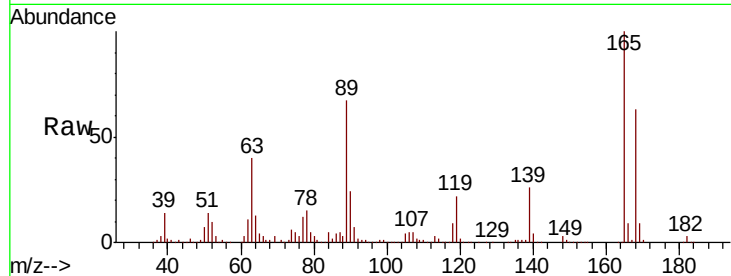
#57
 2,4-Dinitrotoluene
 Concen: 43.506 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		571161		
63	40.2		31.8	47.6	
89	67.4		54.2	81.2	
182	2.6		2.1	3.1	

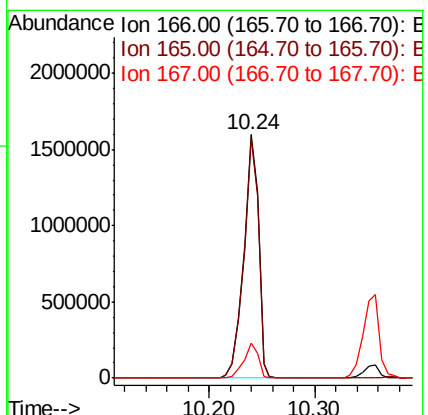
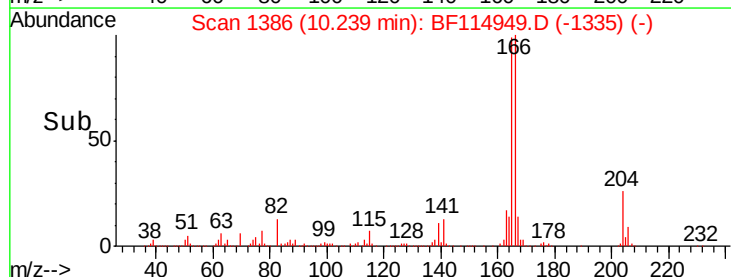
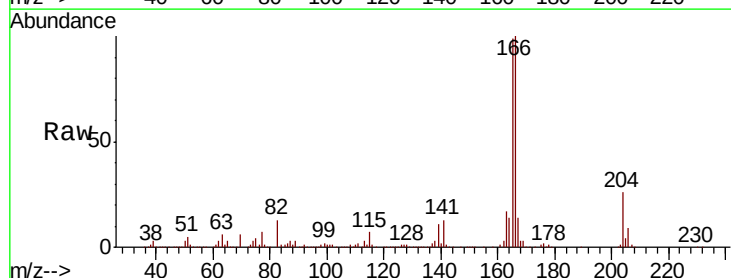
Manual Integrations
 APPROVED

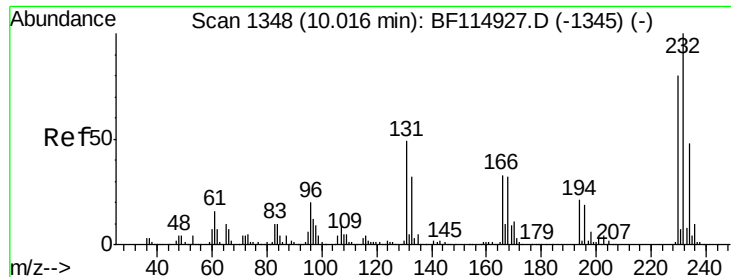
mohammad
 6/12/2019 9:04:05 AM



#58
 Fluorene
 Concen: 40.799 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1522926		
165	98.7		79.2	118.8	
167	14.2		11.0	16.6	





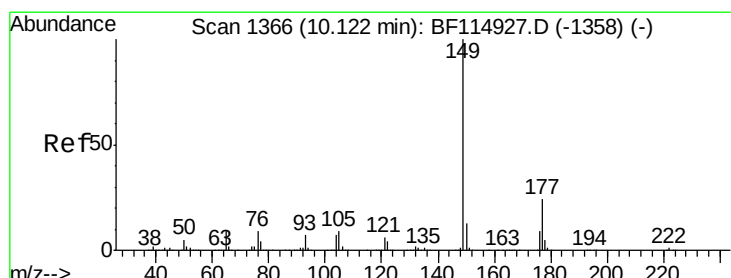
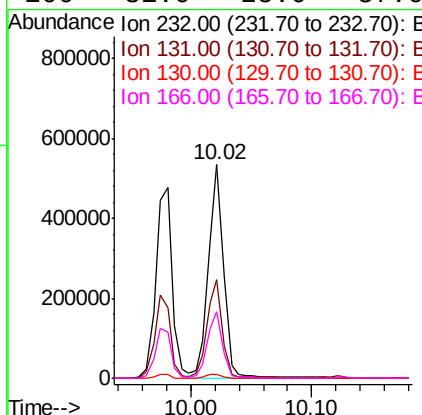
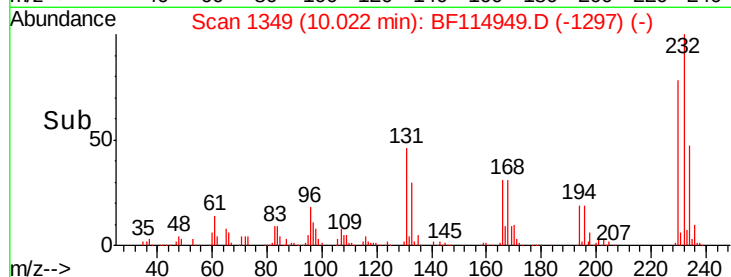
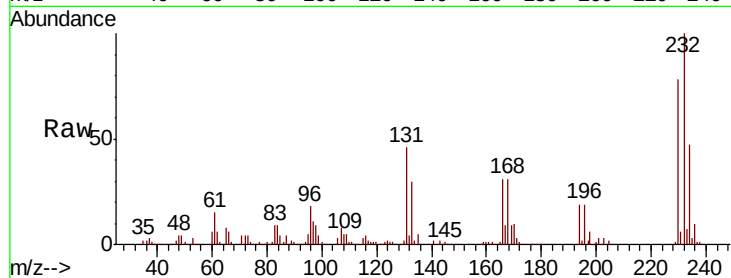
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.444 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		464723		
131	45.9	37.0	55.4		
130	2.2	1.8	2.6		
166	31.0	25.0	37.6		

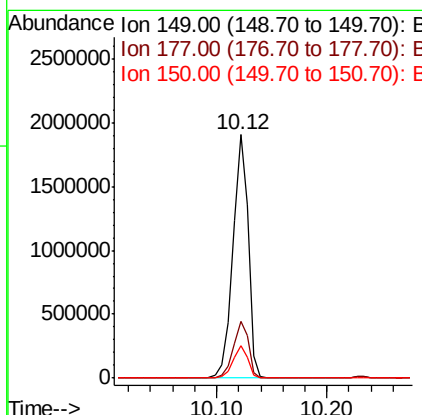
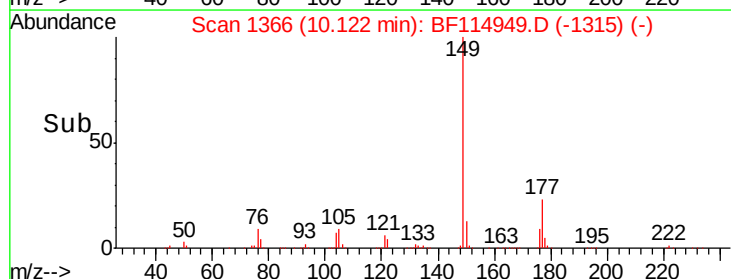
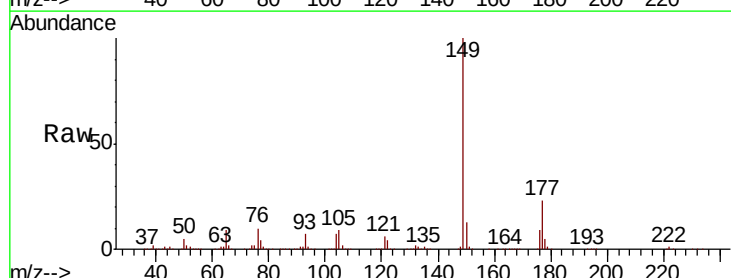
Manual Integrations
APPROVED

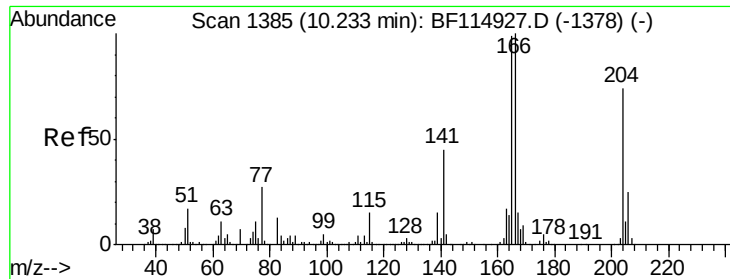
mohammad
6/12/2019 9:04:05 AM



#60
Diethylphthalate
Concen: 42.257 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1857209		
177	23.1	19.1	28.7		
150	13.5	10.6	16.0		





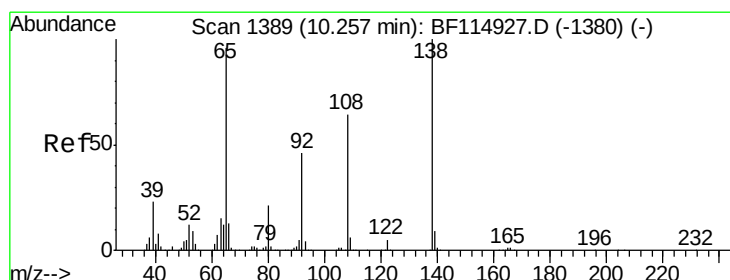
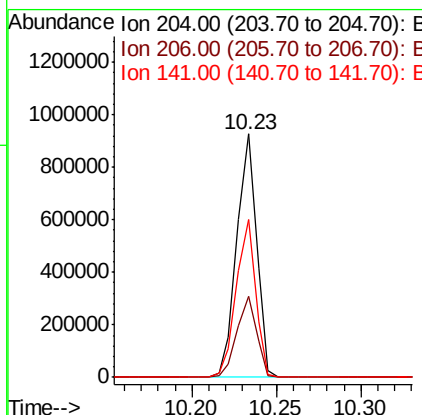
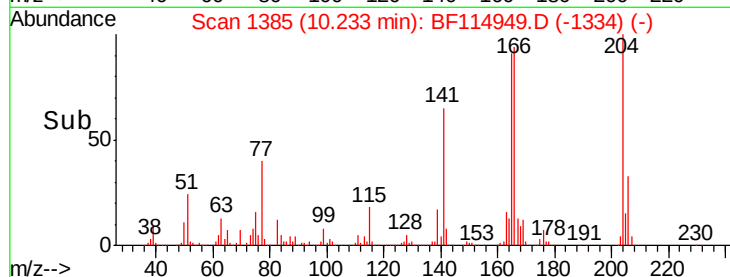
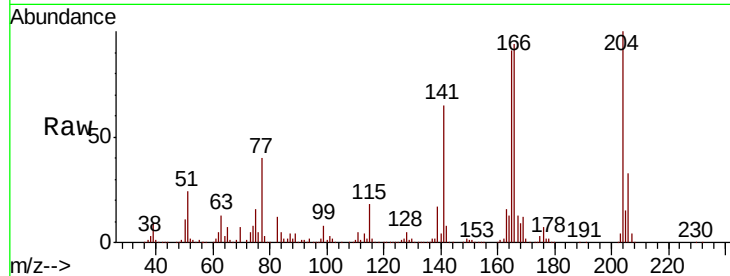
#61
4-Chlorophenyl-phenylether
Concen: 40.442 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	64.8	48.5	72.7

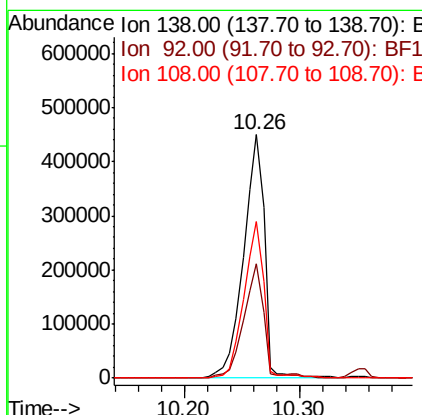
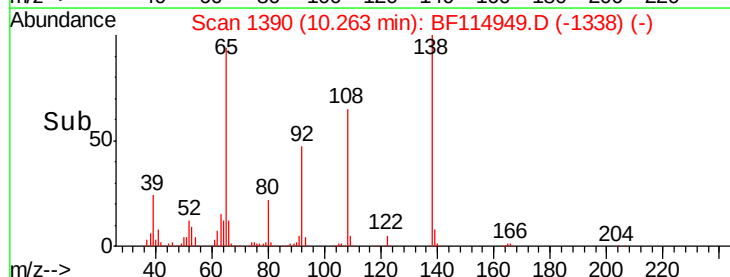
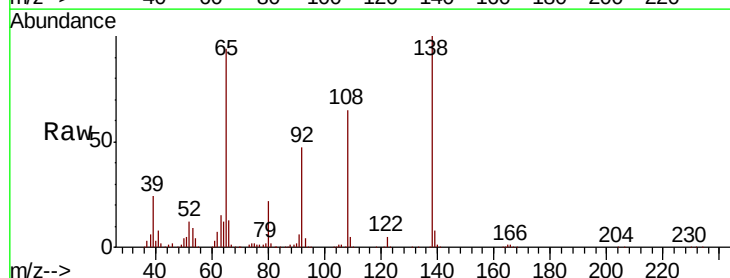
Manual Integrations
APPROVED

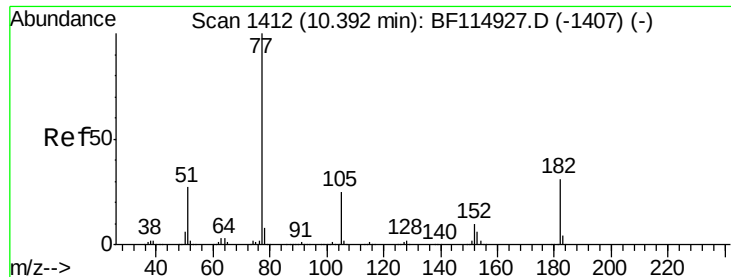
mohammad
6/12/2019 9:04:05 AM



#62
4-Nitroaniline
Concen: 43.854 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	64.6	44.0	84.0





#63

Azobenzene

Concen: 42.155 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1612596

Ion Ratio Lower Upper

77 100

182 27.7 10.8 50.8

105 24.2 5.3 45.3

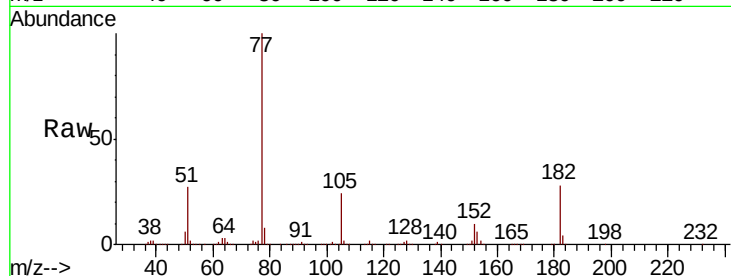
51 26.8 6.8 46.8

Manual Integrations

APPROVED

mohammad

6/12/2019 9:04:05 AM

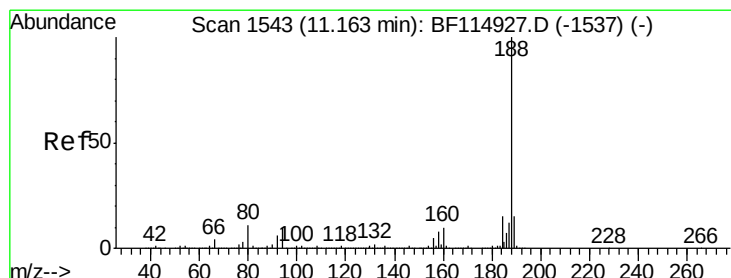
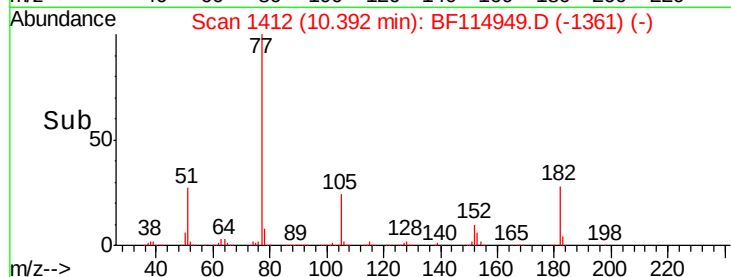
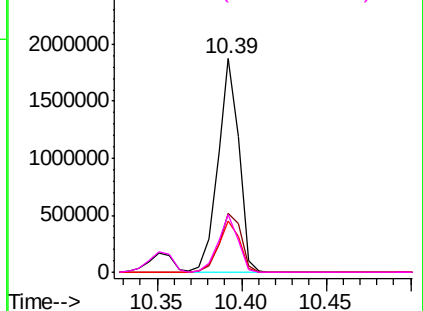


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

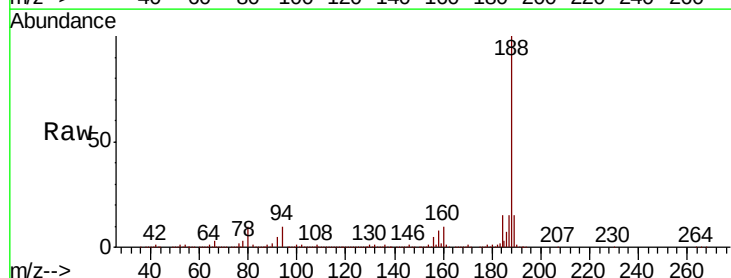
Tgt Ion: 188 Resp: 1164837

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

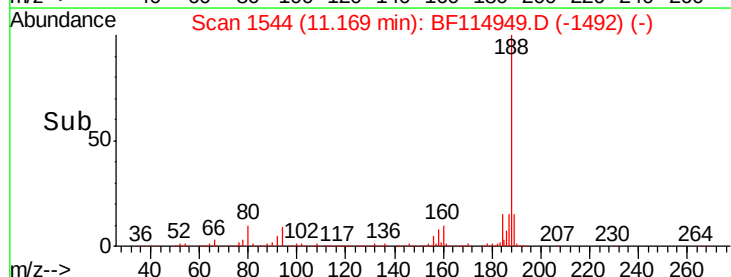
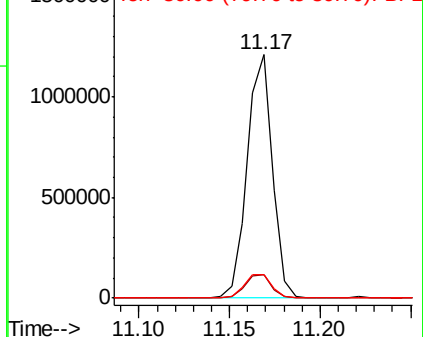
80 9.8 8.6 12.8

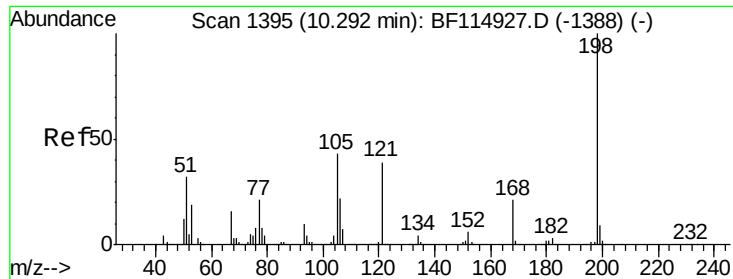


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





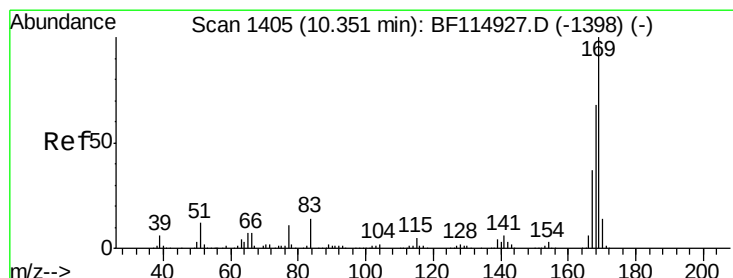
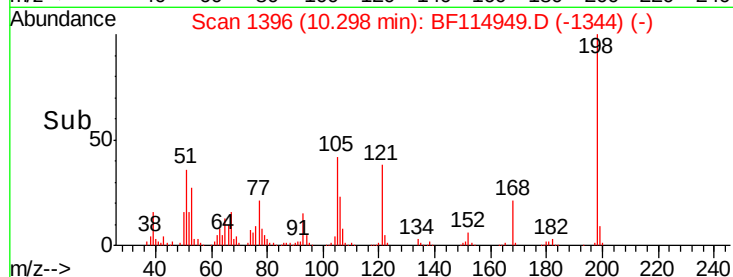
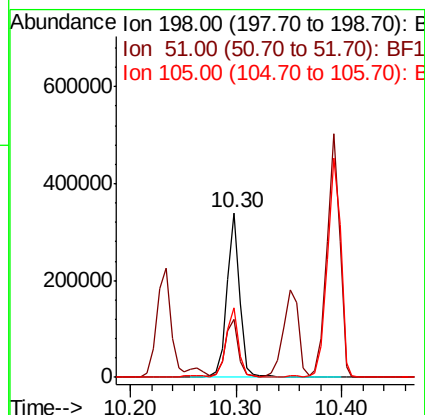
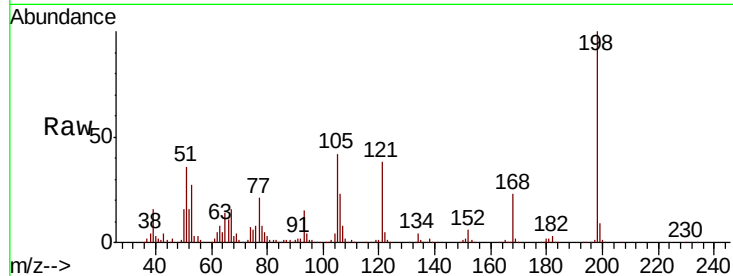
#65
4,6-Dinitro-2-methylphenol
Concen: 43.844 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.5	16.8	56.8
105	42.4	23.5	63.5

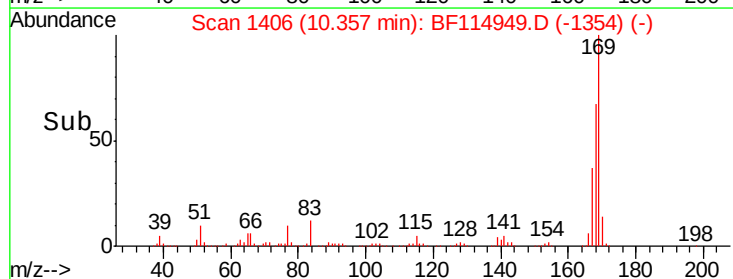
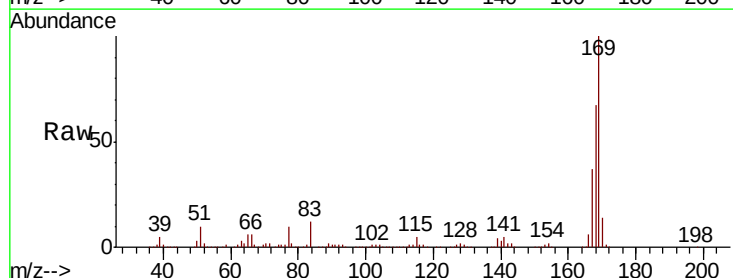
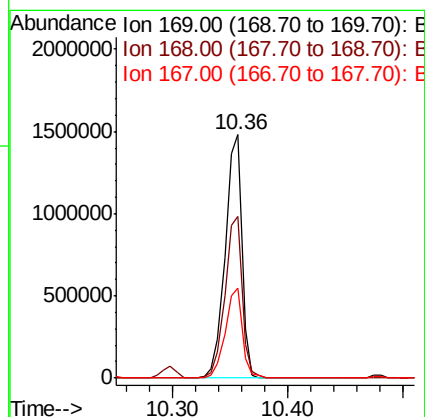
Manual Integrations
APPROVED

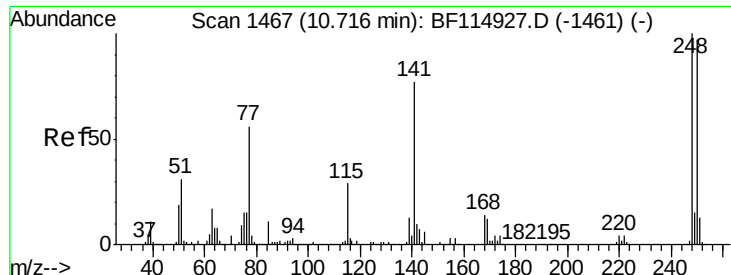
mohammad
6/12/2019 9:04:05 AM



#66
n-Nitrosodiphenylamine
Concen: 42.996 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.2
167	37.0	29.4	44.2





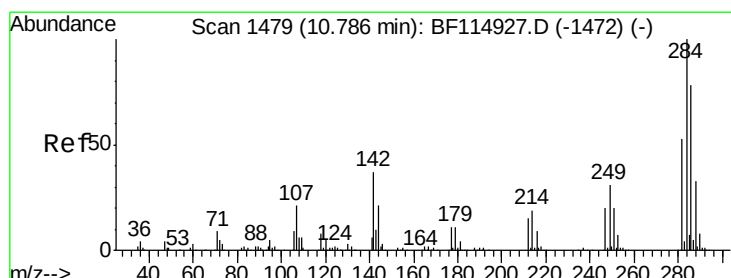
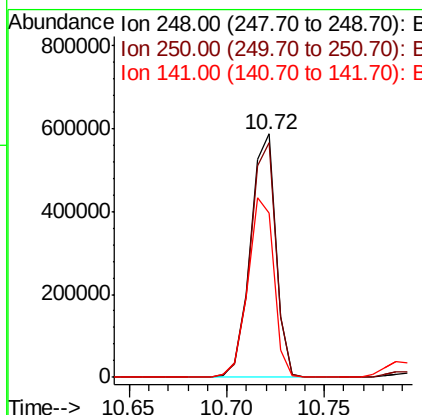
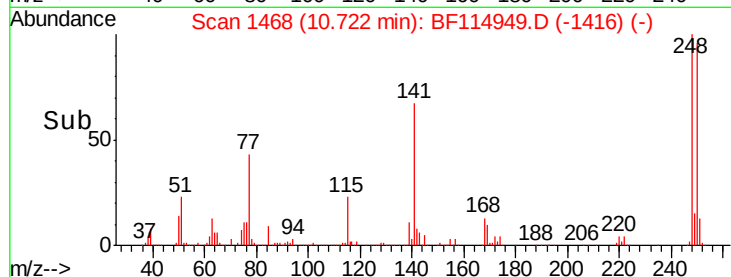
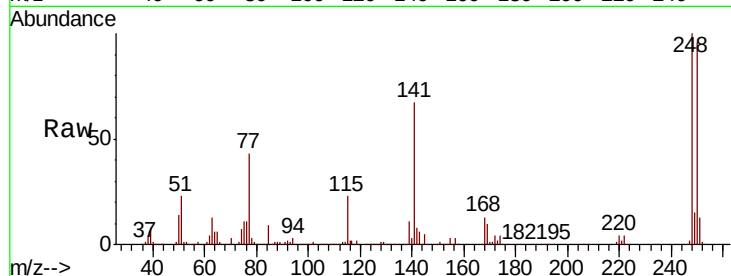
#67
4-Bromophenyl-phenylether
Concen: 42.233 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.0
141	67.3	61.8	92.6

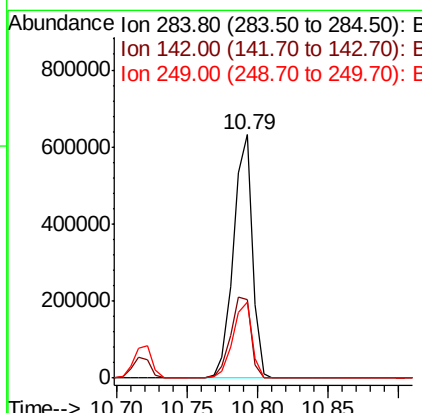
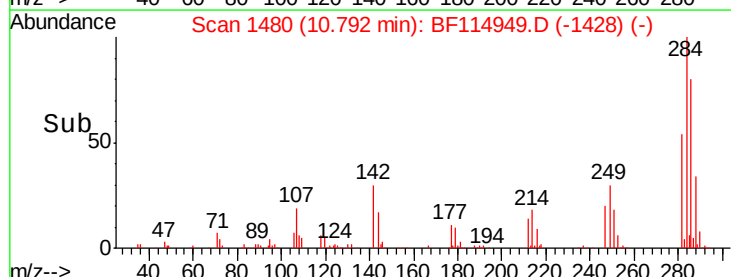
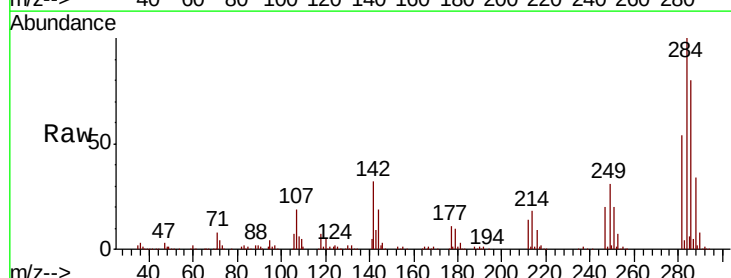
Manual Integrations
APPROVED

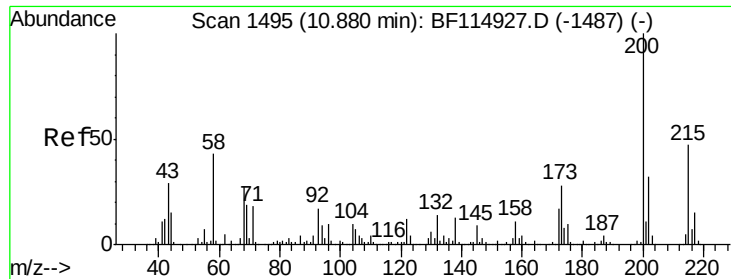
mohammad
6/12/2019 9:04:05 AM



#68
Hexachlorobenzene
Concen: 42.292 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	29.3	43.9
249	31.1	25.1	37.7





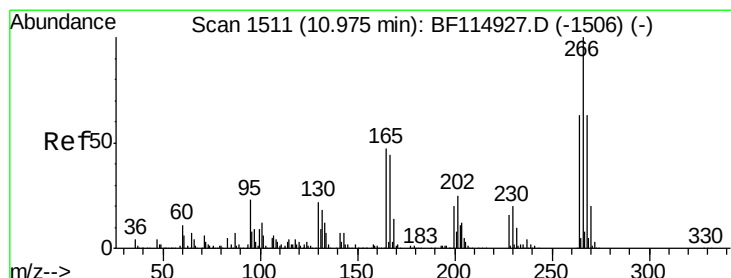
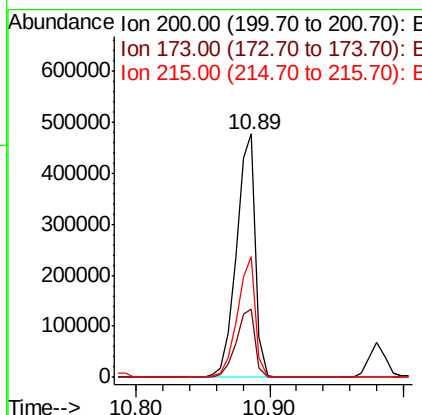
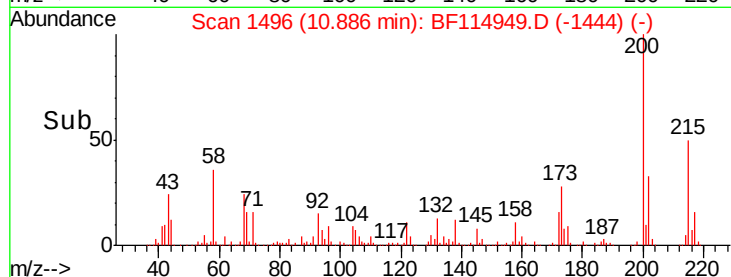
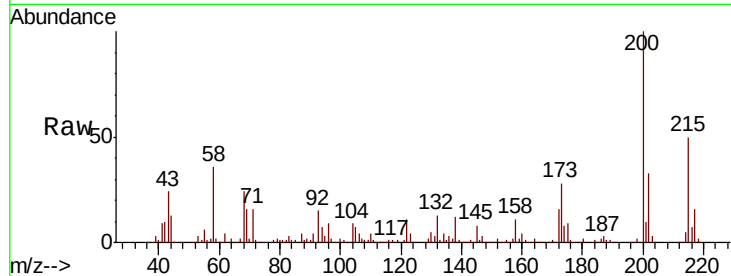
#69
Atrazine
Concen: 40.644 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.3	48.3
215	49.7	26.6	66.6

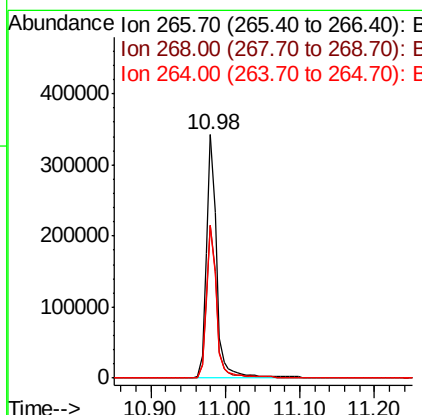
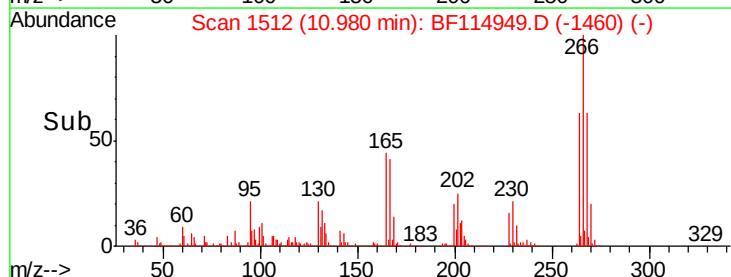
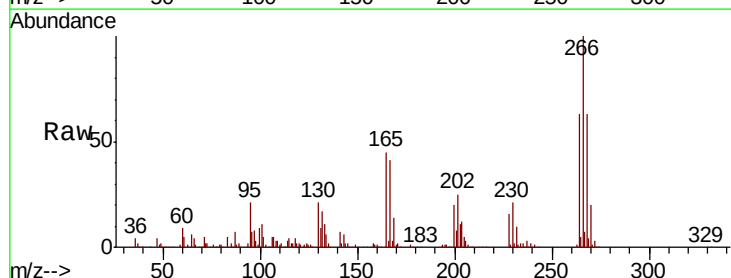
Manual Integrations
APPROVED

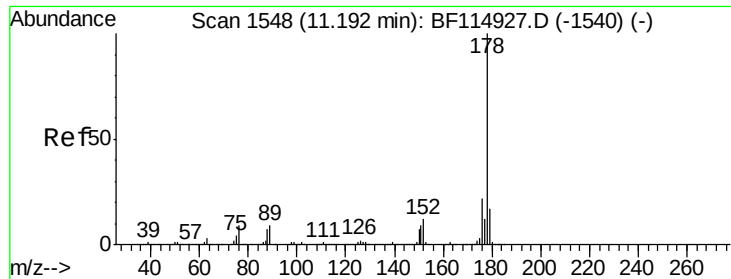
mohammad
6/12/2019 9:04:05 AM



#70
Pentachlorophenol
Concen: 42.700 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	50.8	76.2
264	62.8	50.4	75.6





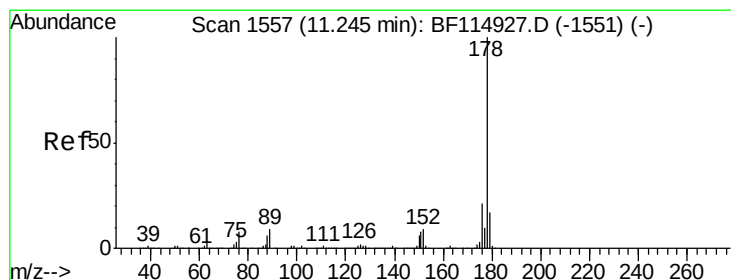
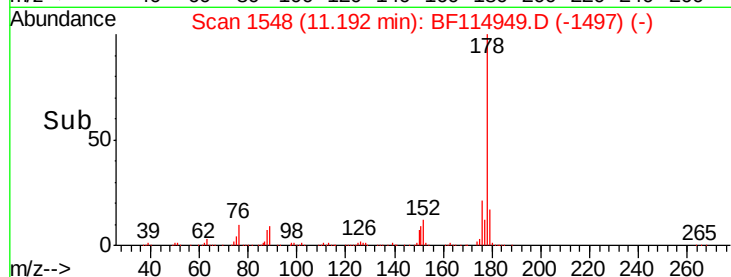
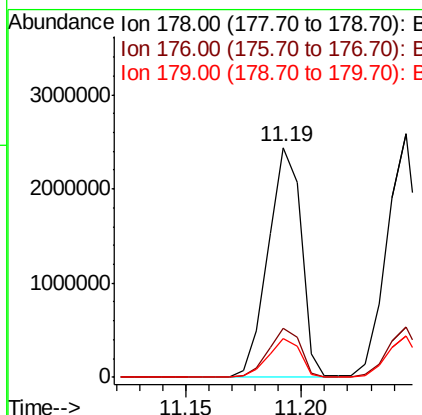
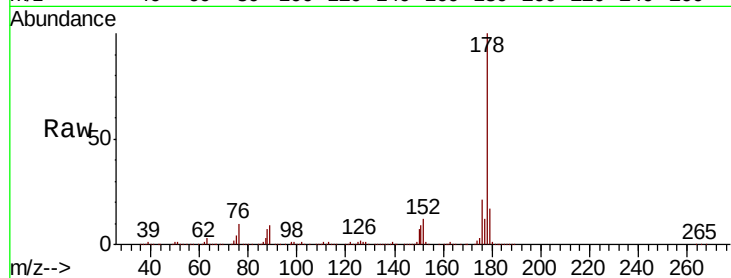
#71
Phenanthrene
Concen: 43.094 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.4	26.2
179	16.7	13.6	20.4

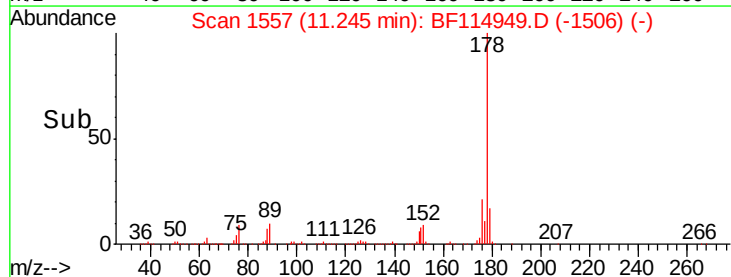
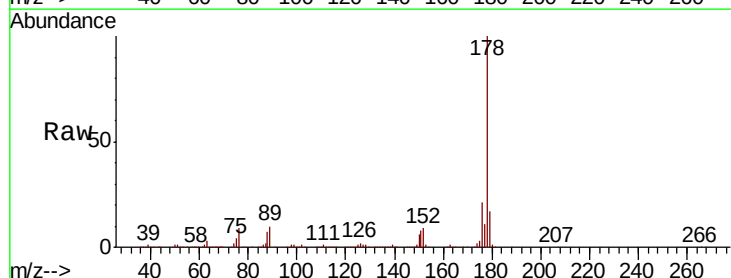
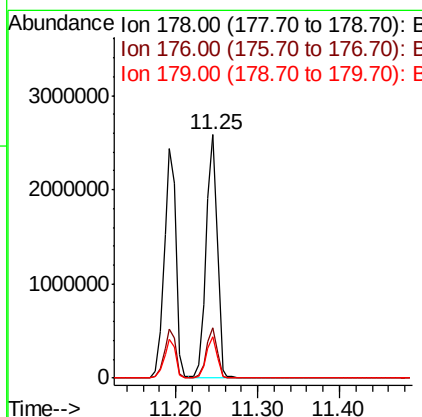
Manual Integrations
APPROVED

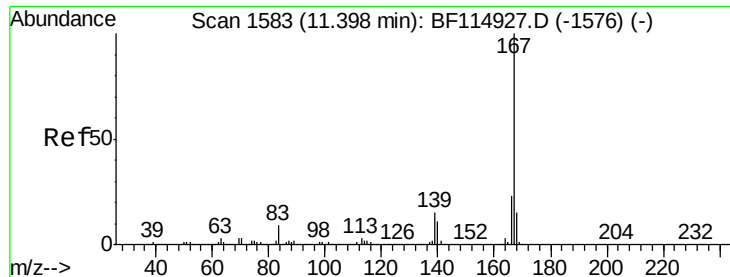
mohammad
6/12/2019 9:04:05 AM



#72
Anthracene
Concen: 42.658 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.8	13.4	20.2





#73
 Carbazole
 Concen: 43.652 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

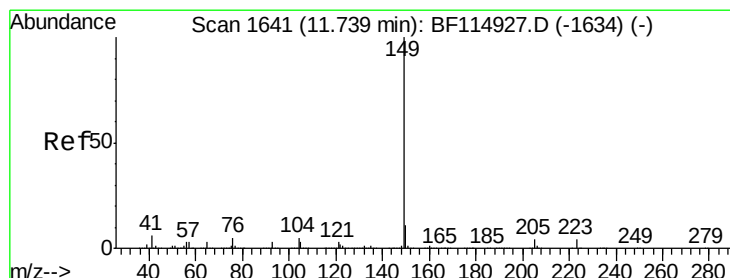
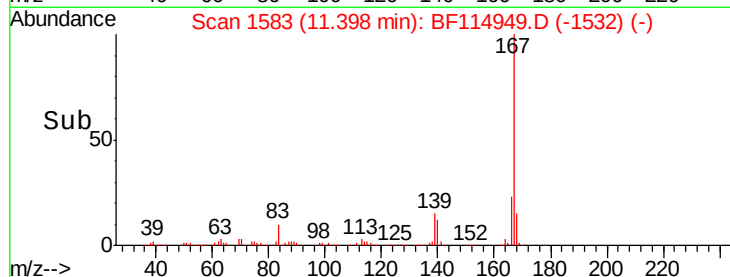
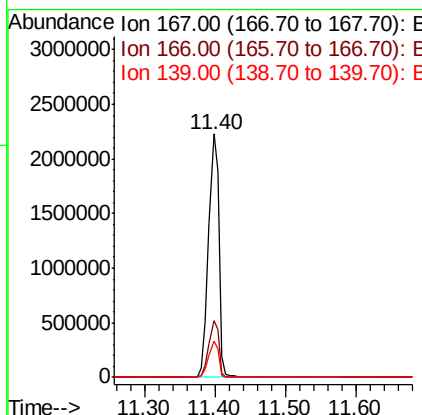
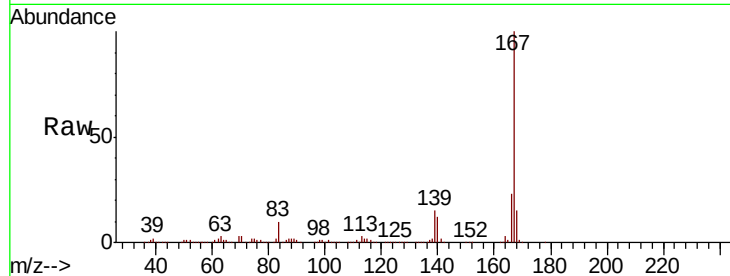
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 2279690

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.8	28.2
139	15.0	11.6	17.4

Manual Integrations
 APPROVED

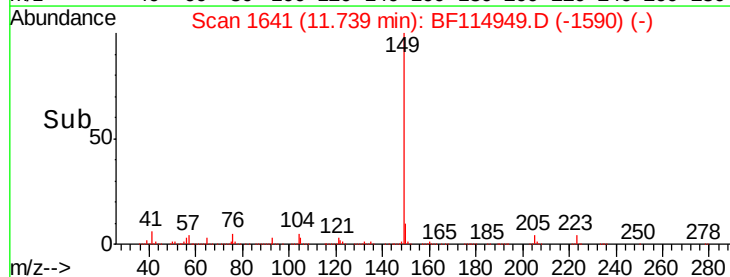
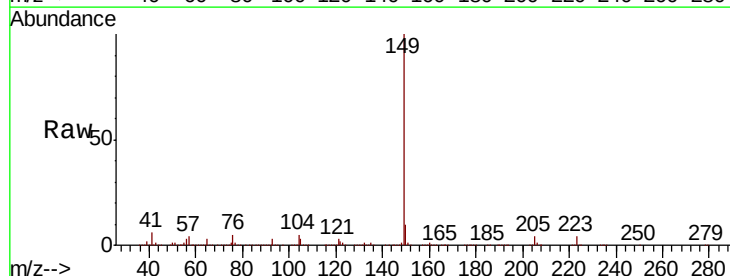
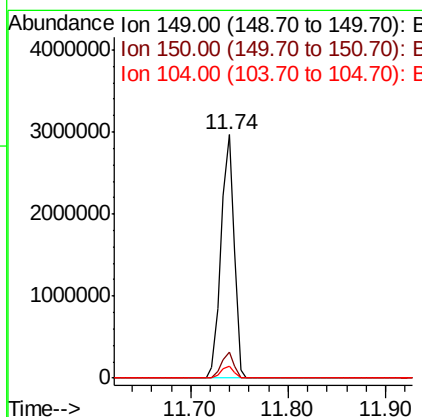
mohammad
 6/12/2019 9:04:05 AM

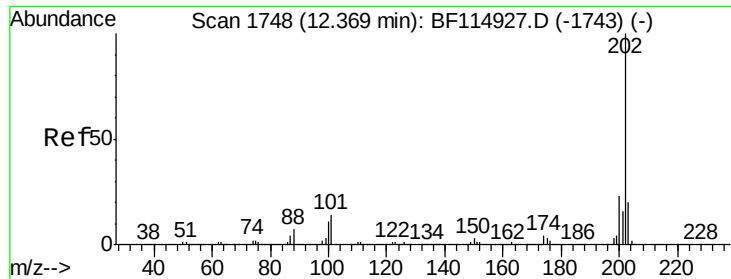


#74
 Di-n-butylphthalate
 Concen: 42.938 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 2771336

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.5	12.7
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 42.775 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

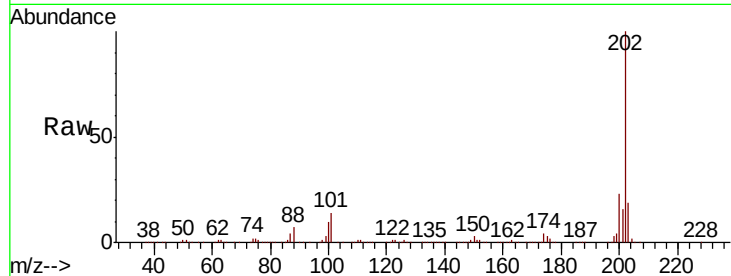
ClientSampleId :

SSTDCCC040

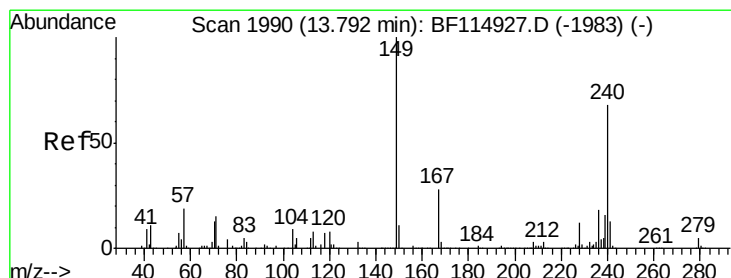
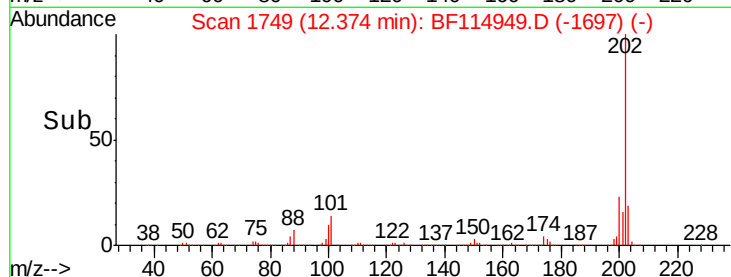
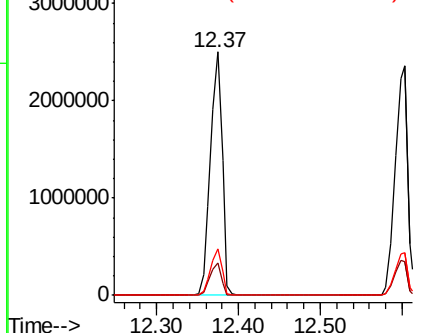
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.3
203	19.0	0.0	39.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

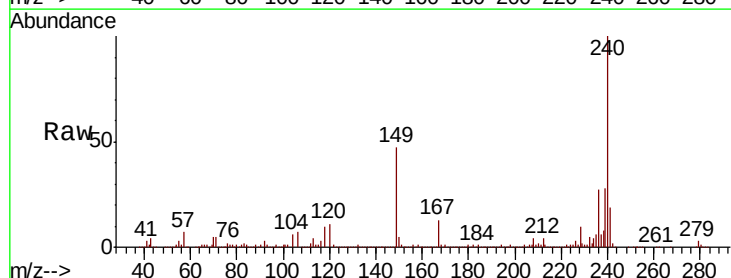
RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

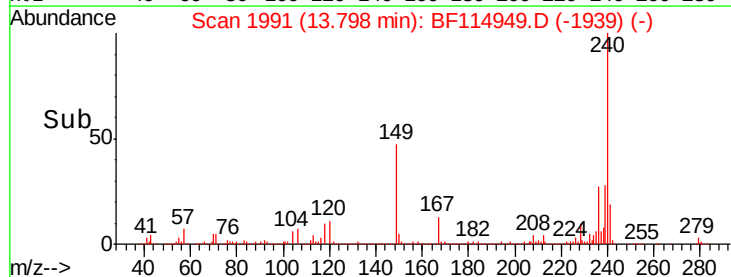
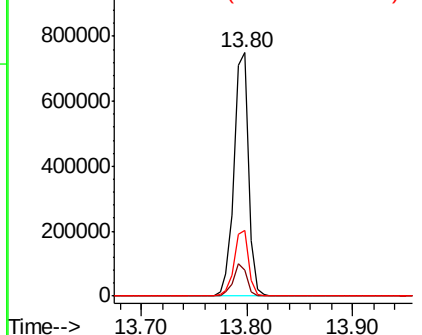
Lab File: BF114949.D

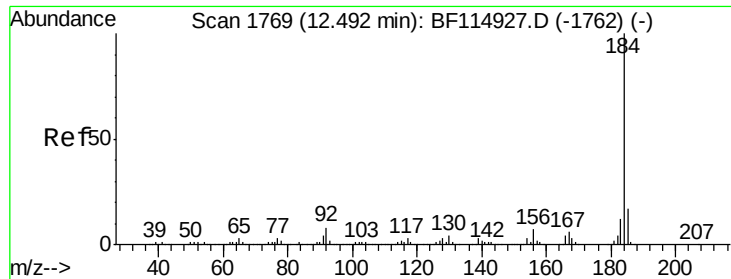
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.2	13.8
236	27.1	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.123 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1205915

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.0

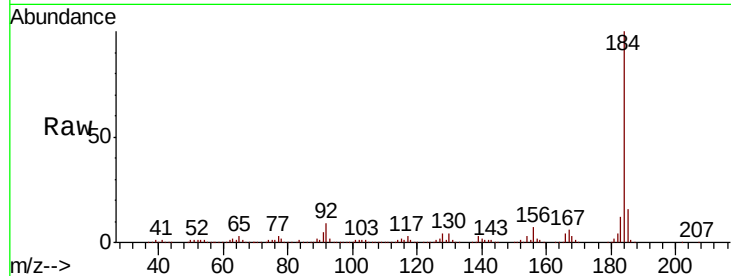
183 12.0 9.8 14.6

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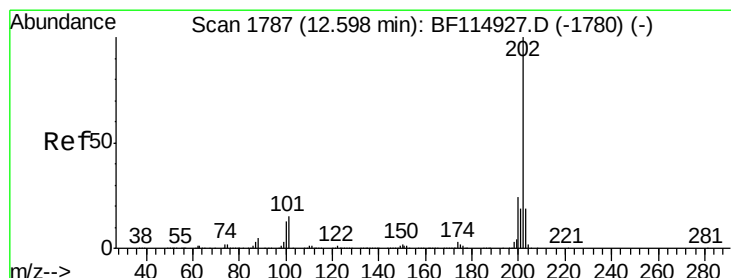
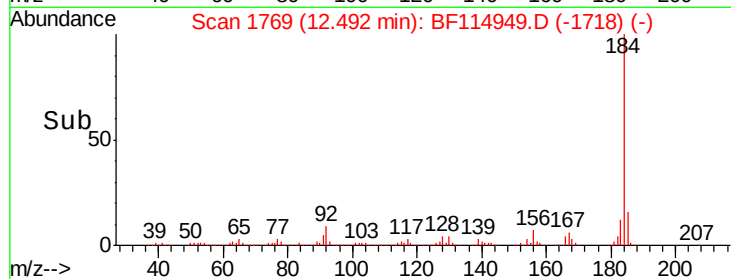
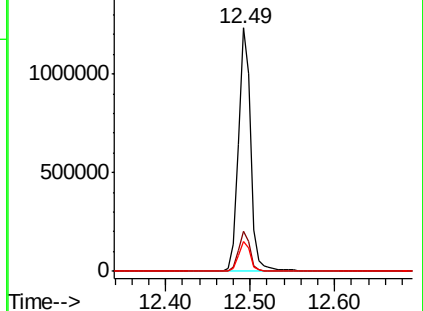
6/12/2019 9:04:05 AM



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: 41.596 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

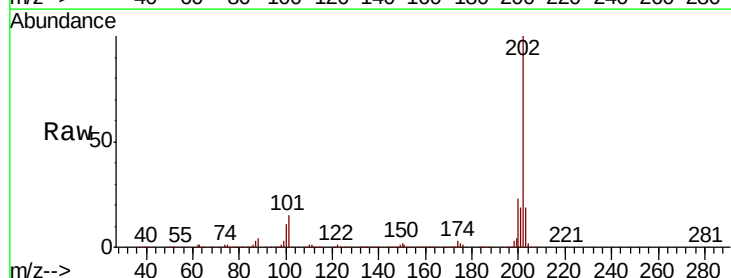
Tgt Ion:202 Resp: 2551556

Ion Ratio Lower Upper

202 100

200 23.1 18.9 28.3

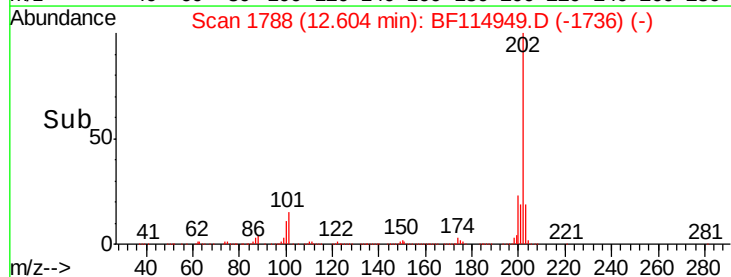
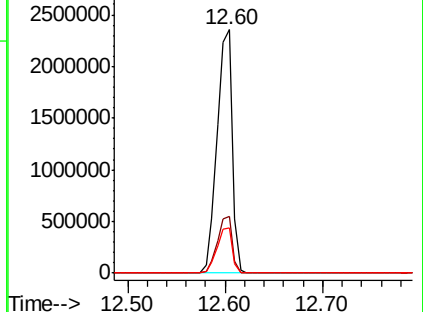
203 18.6 15.2 22.8

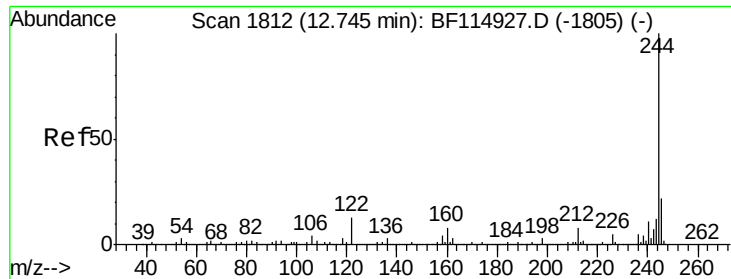


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 82.539 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

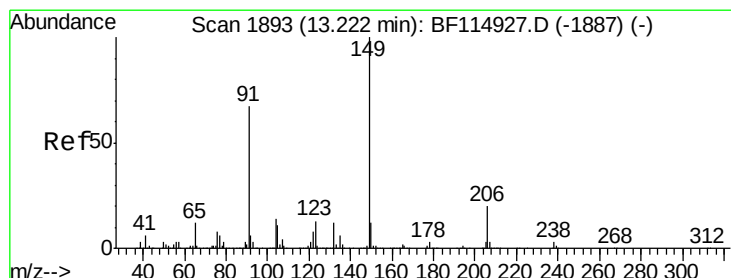
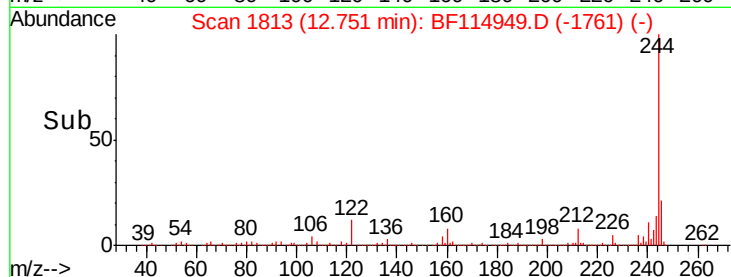
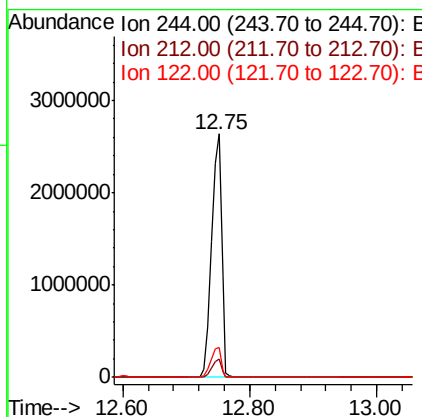
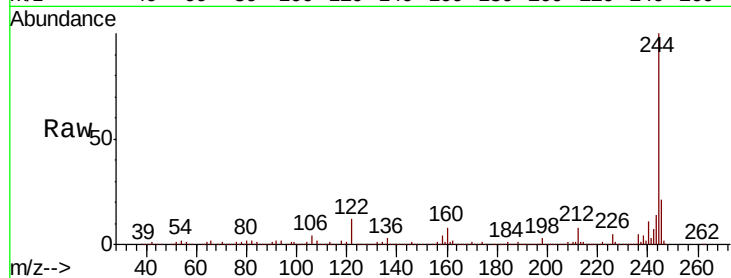
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 2923253

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.0	10.2	15.4

Manual Integrations
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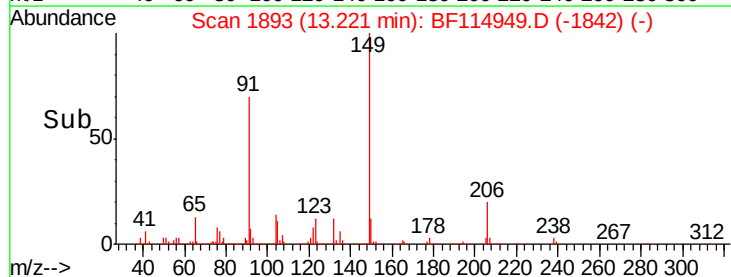
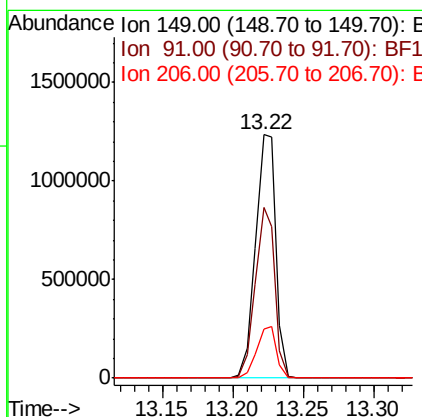
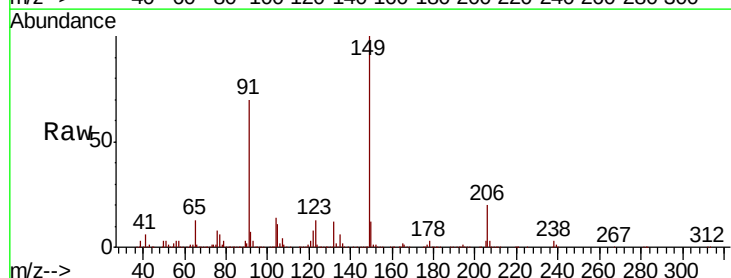
mohammad
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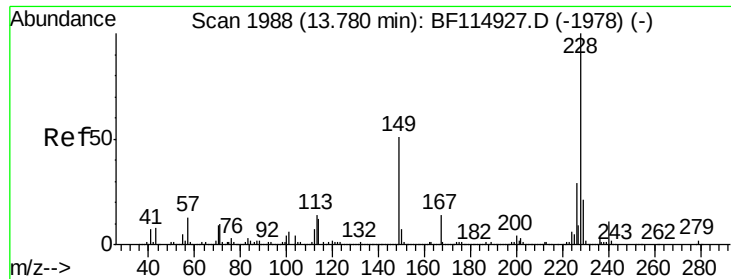


#80
 Butylbenzylphthalate
 Concen: 41.737 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BF114949.D
 Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 1261312

Ion	Ratio	Lower	Upper
149	100		
91	70.2	53.8	80.8
206	20.0	16.3	24.5





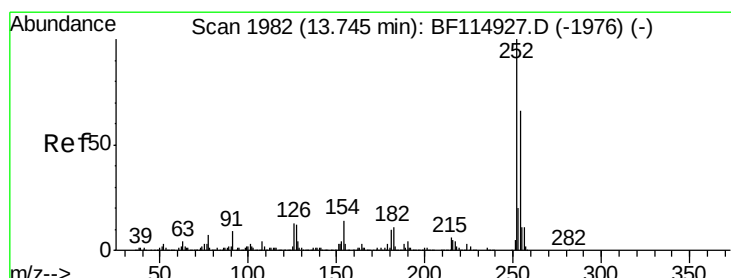
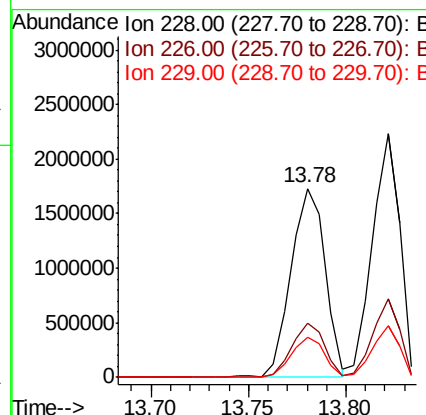
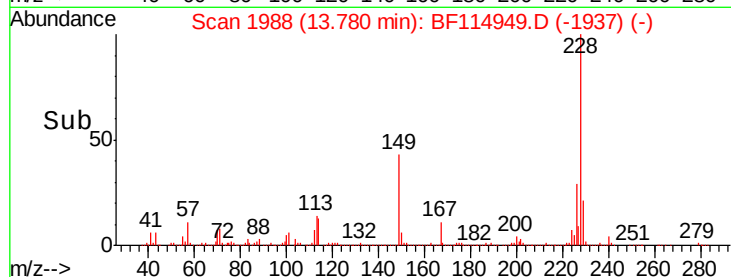
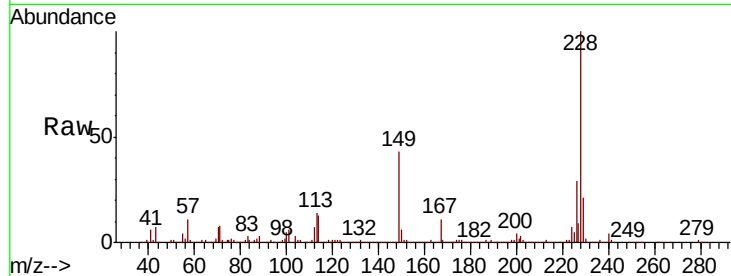
#81
Benzo(a)anthracene
Concen: 40.199 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	21.0	16.6	25.0

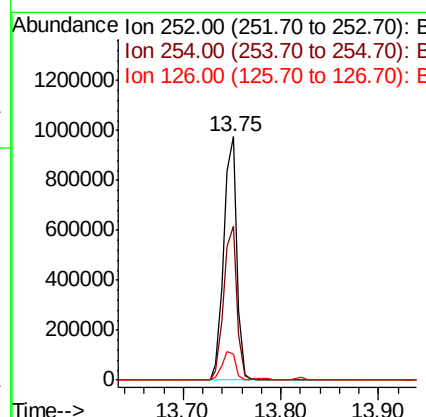
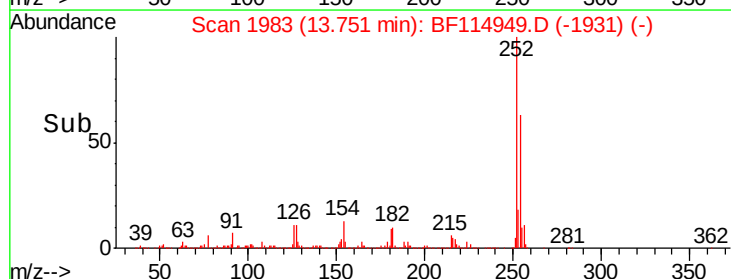
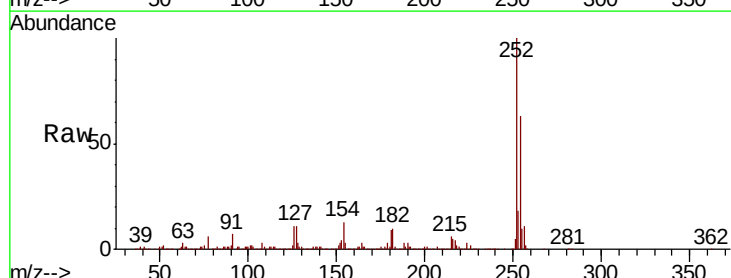
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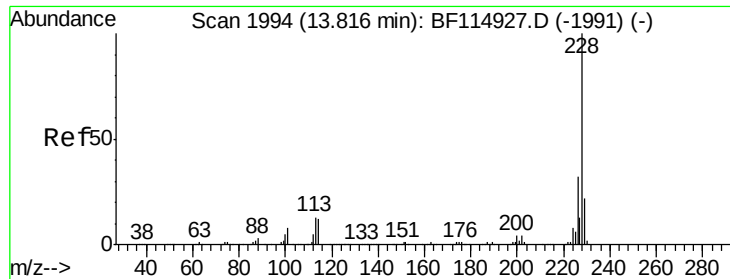
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 42.869 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	78.8
126	10.7	10.4	15.6





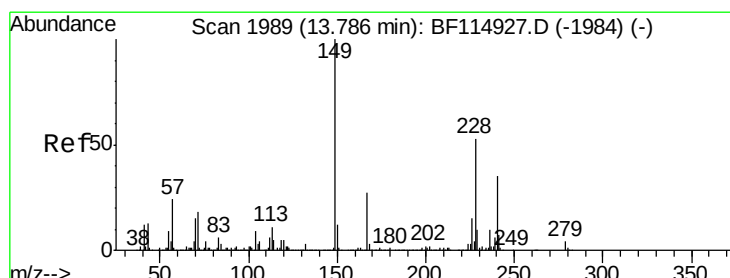
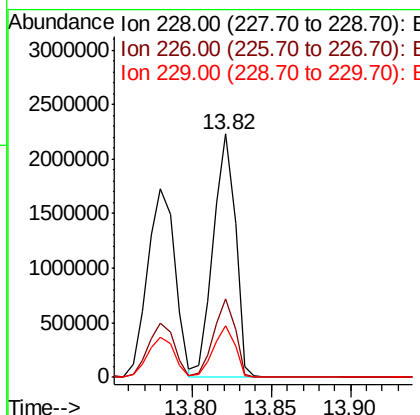
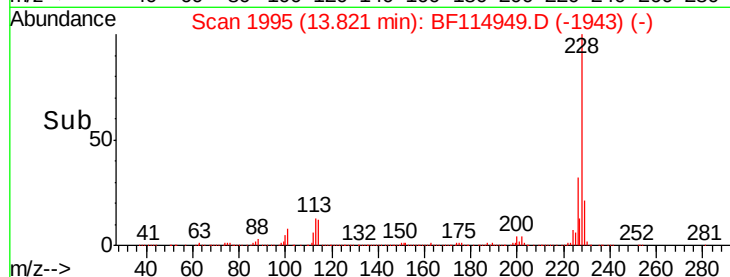
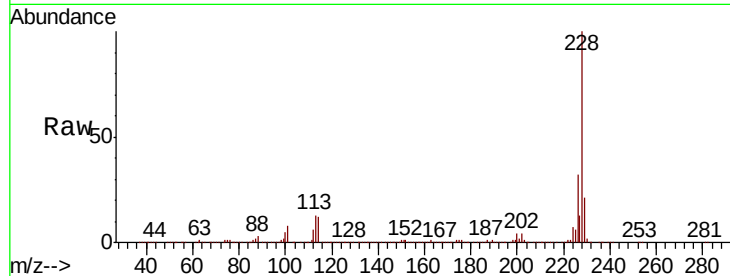
#83
Chrysene
Concen: 41.625 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2176881
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.8
229 21.2 17.2 25.8

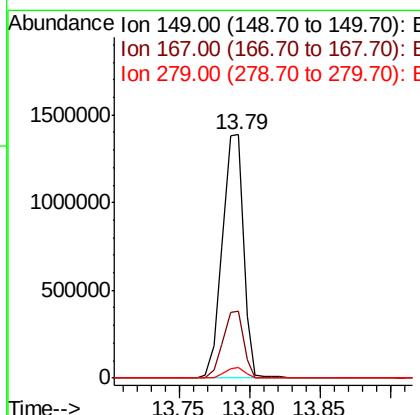
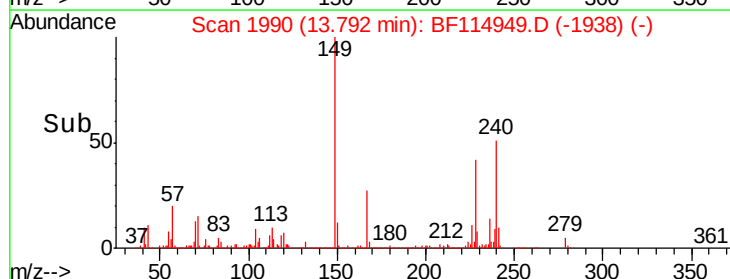
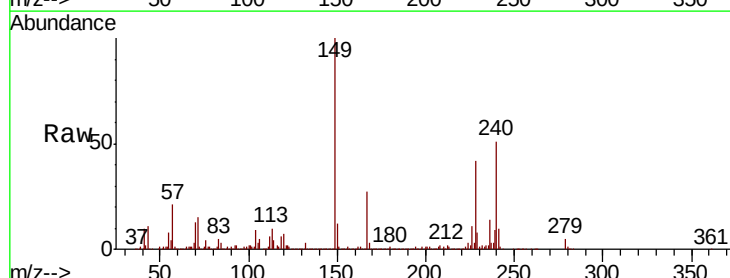
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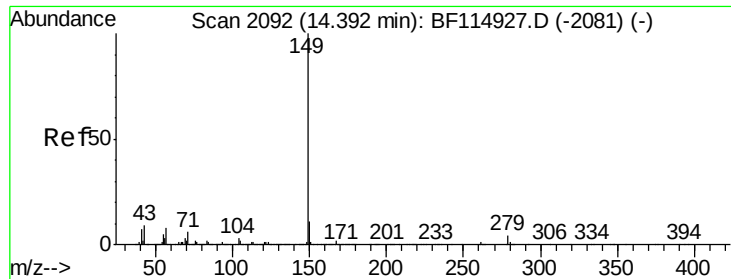
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.955 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:149 Resp: 1449487
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.5 3.2 4.8





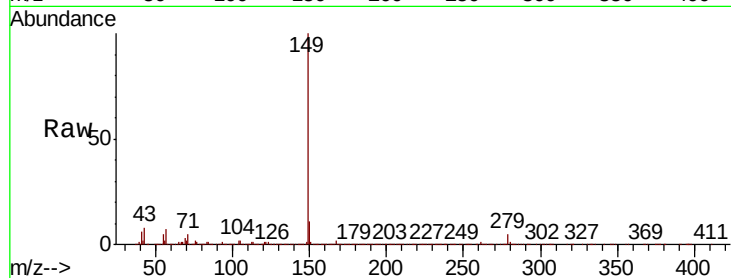
#85
Di-n-octyl phthalate
Concen: 41.459 ng
RT: 14.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

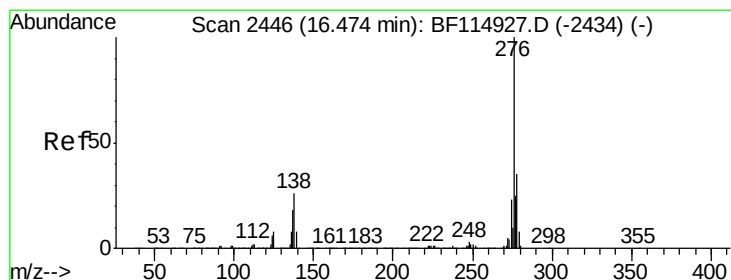
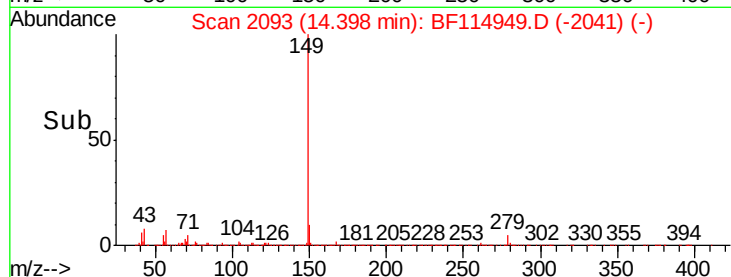
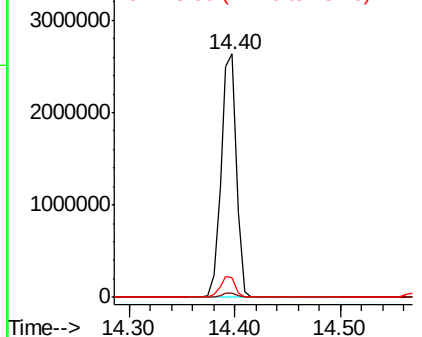
Tot Ion:149 Resp: 2680442
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.4 6.8 10.2

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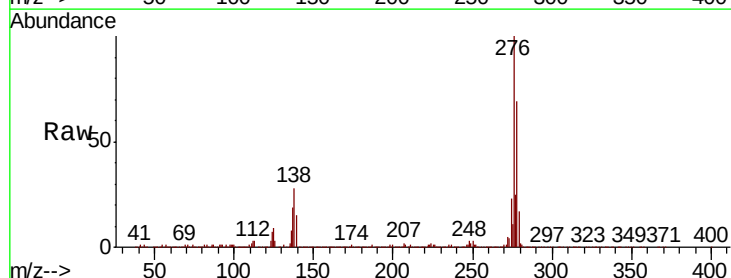


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

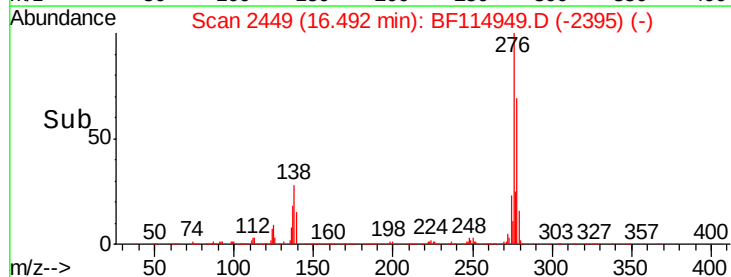
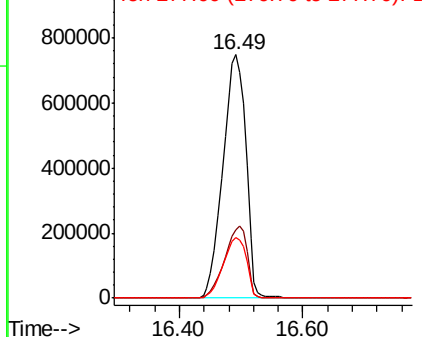


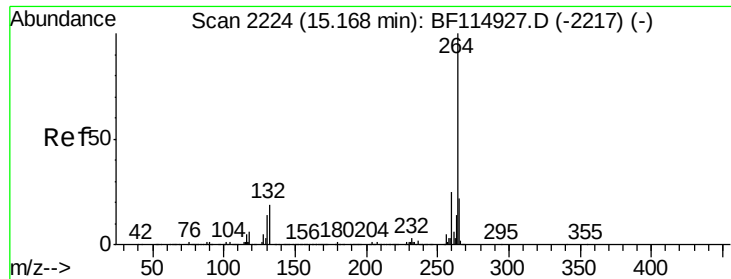
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.284 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.02 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion:276 Resp: 1931415
Ion Ratio Lower Upper
276 100
138 28.7 23.3 34.9
277 25.2 20.5 30.7



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





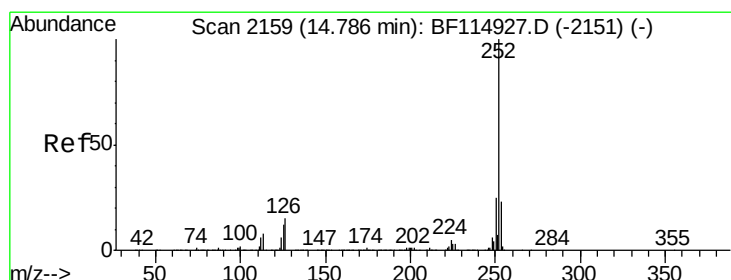
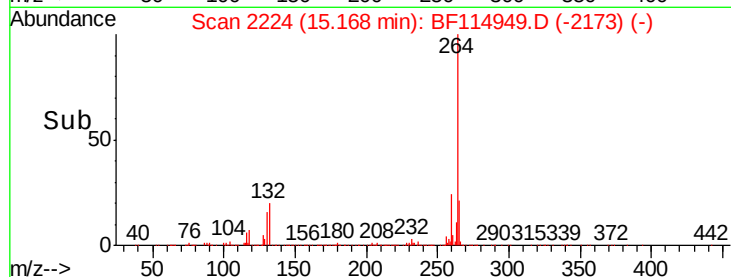
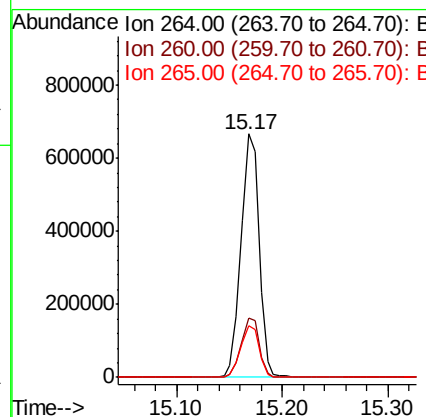
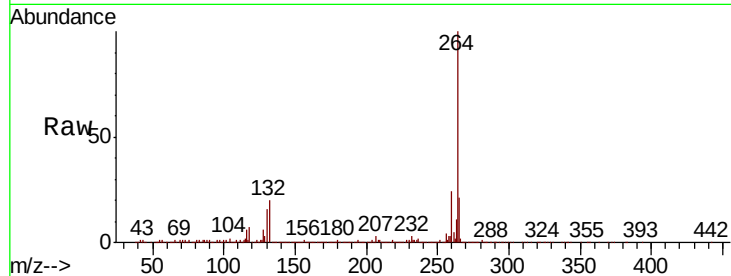
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.1	17.5	26.3

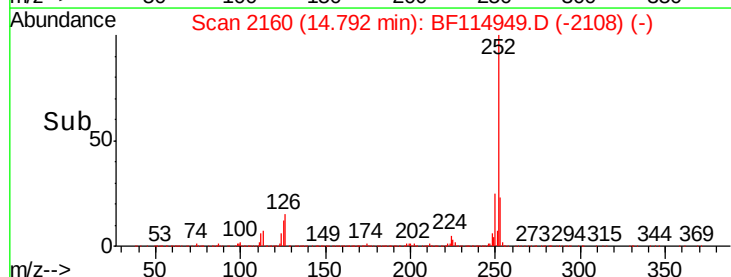
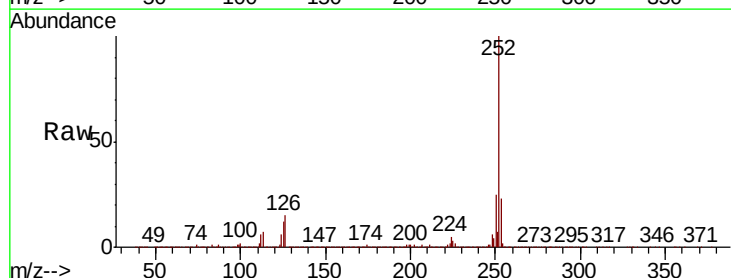
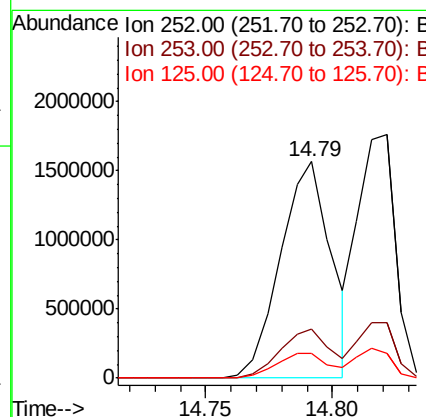
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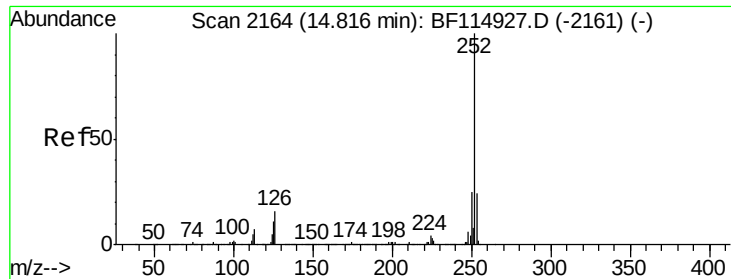
mohammad
6/12/2019 9:04:05 AM



#88
Benzo(b)fluoranthene
Concen: 42.755 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	11.6	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 41.568 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1833289

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

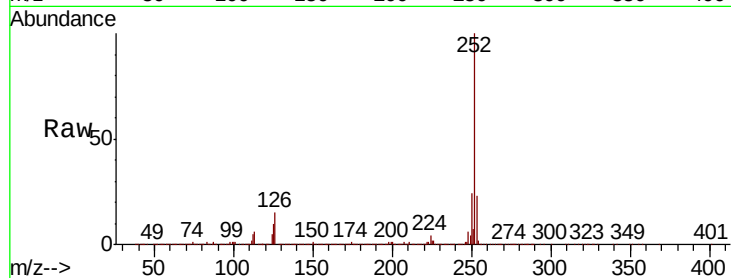
125 10.3 9.2 13.8

Manual Integrations

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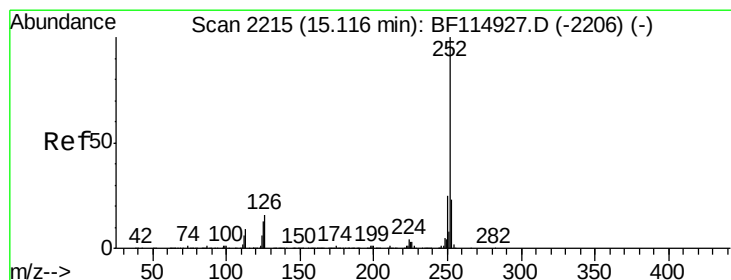
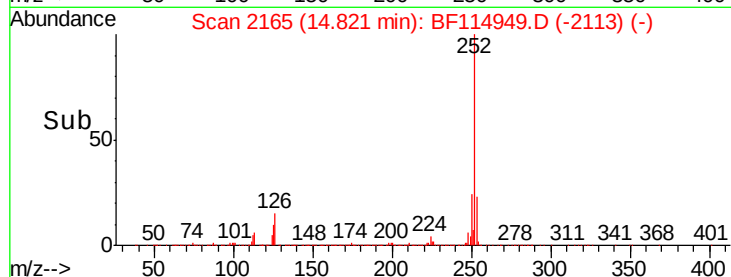
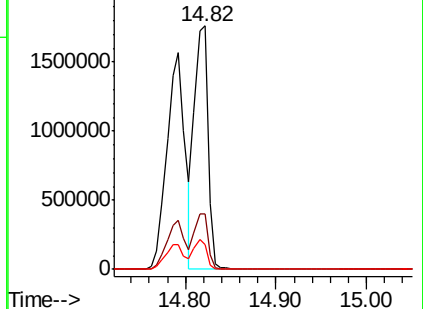
6/12/2019 9:04:05 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.753 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF114949.D

Acq: 11 Jun 2019 17:58

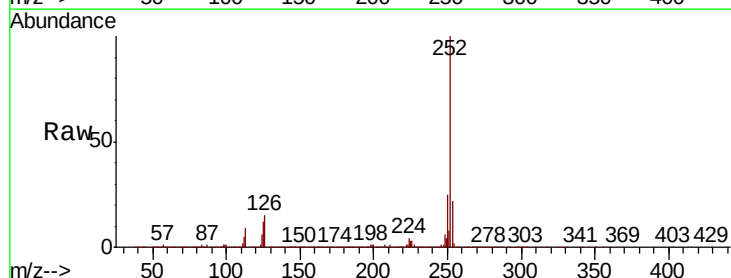
Tgt Ion:252 Resp: 1842988

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

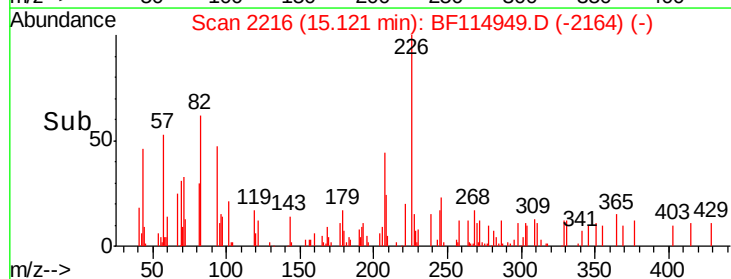
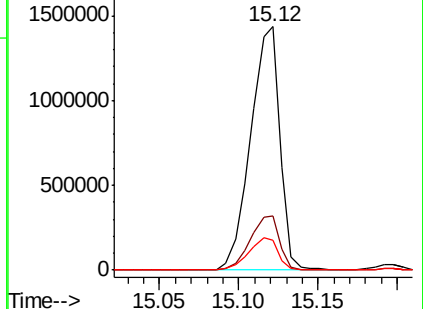
125 12.0 10.1 15.1

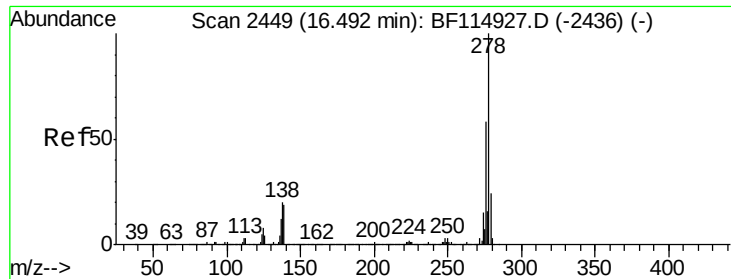


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





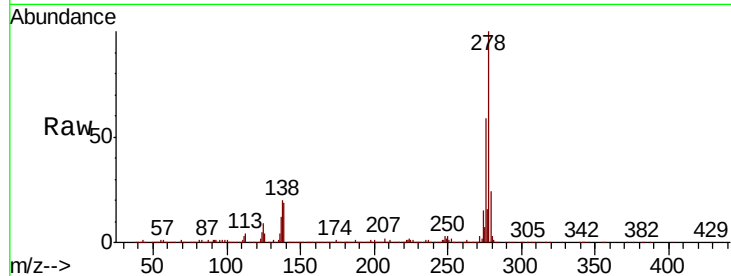
#91
Dibenzo(a,h)anthracene
Concen: 41.685 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.1	22.7
279	24.3	19.6	29.4

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6/12/2019 9:04:05 AM

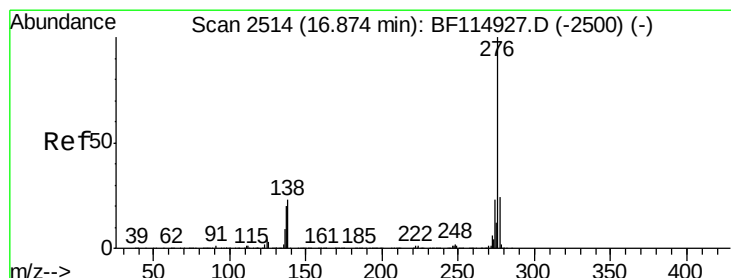
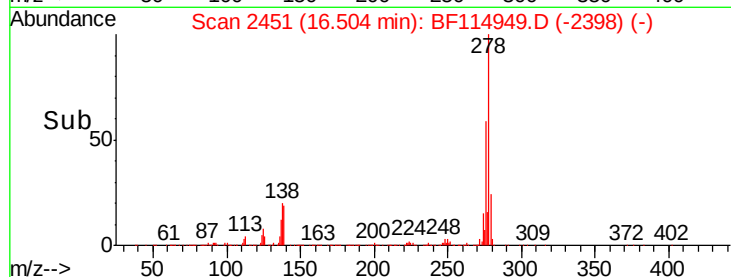
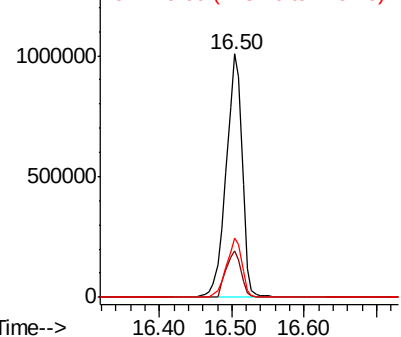


Abundance

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: 41.941 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114949.D
Acq: 11 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	24.6	18.7	28.1

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

