

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114610.D
 Acq On : 25 May 2019 18:05
 Operator : JU/SJ
 Sample : PB119943BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:02 AM

Quant Time: May 27 00:45:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171582	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	697478	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	338611	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	663028	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	518353	20.00	ng	-0.02
87) Perylene-d12	15.43	264	275384	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1290968	121.08	ng	0.00
7) Phenol-d6	6.46	99	1678321	133.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	903479	72.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	423969	121.11	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1678180	74.97	ng	-0.01
79) Terphenyl-d14	12.91	244	1714825	68.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	207645	35.431	ng	100
3) Pyridine	3.36	79	401913	24.891	ng	96
4) n-Nitrosodimethylamine	3.30	42	260413	33.444	ng	99
6) Aniline	6.47	93	229598	12.604	ng	# 1
8) 2-Chlorophenol	6.60	128	515238	45.266	ng	91
10) Phenol	6.47	94	616795	41.578	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	547357	48.601	ng	96
12) 1,3-Dichlorobenzene	6.74	146	501745	39.270	ng	98
13) 1,4-Dichlorobenzene	6.82	146	510322	39.637	ng	98
14) 1,2-Dichlorobenzene	6.97	146	479324	40.750	ng	99
15) Benzyl Alcohol	6.96	79	401795	40.852	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	856300	39.214	ng	# 36
17) 2-Methylphenol	7.07	107	405935	43.415	ng	# 86
18) Hexachloroethane	7.31	117	185540	38.392	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	348576	43.609	ng	96
20) 3+4-Methylphenols	7.23	107	549103	50.829	ng	# 59
22) Acetophenone	7.22	105	684386	44.293	ng	# 87
24) Nitrobenzene	7.39	77	532940	42.102	ng	98
25) Isophorone	7.63	82	972418	42.188	ng	100
26) 2-Nitrophenol	7.70	139	279292	45.477	ng	97
27) 2,4-Dimethylphenol	7.75	122	452540	46.917	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	627544	41.961	ng	99
29) 2,4-Dichlorophenol	7.96	162	440932	45.908	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	443832	40.638	ng	99
31) Naphthalene	8.10	128	1428240	43.838	ng	99
32) Benzoic acid	7.91	122	305812m	44.982	ng	
33) 4-Chloroaniline	8.17	127	270820	18.241	ng	94
34) Hexachlorobutadiene	8.22	225	244601	39.361	ng	98
35) Caprolactam	8.54	113	142748m	45.580	ng	
36) 4-Chloro-3-methylphenol	8.66	107	463872	47.981	ng	99
37) 2-Methylnaphthalene	8.80	142	979905	46.616	ng	98
38) 1-Methylnaphthalene	8.90	142	923454	46.650	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	443880	43.275	ng	99
41) Hexachlorocyclopentadiene	8.95	237	72563	18.688	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	285425	40.456	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	303437	41.937	nq	99
46) 1,1'-Biphenyl	9.26	154	1198754	43.822	nq	99
47) 2-Chloronaphthalene	9.29	162	908765	41.279	nq	99
48) 2-Nitroaniline	9.39	65	311336	39.876	nq	100
49) Acenaphthylene	9.70	152	1404639	41.950	nq	99
50) Dimethylphthalate	9.56	163	1049696	42.229	nq	100
51) 2,6-Dinitrotoluene	9.63	165	236332	42.866	nq	94
52) Acenaphthene	9.87	154	852998	41.514	nq	99
53) 3-Nitroaniline	9.80	138	162985	23.815	nq	97
54) 2,4-Dinitrophenol	9.93	184	227166	81.778	nq	93
55) Dibenzofuran	10.05	168	1218061	40.428	nq	100
56) 4-Nitrophenol	9.99	139	289550	59.825	nq	97
57) 2,4-Dinitrotoluene	10.05	165	287324	38.396	nq	# 78
58) Fluorene	10.39	166	1018948	43.784	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	266726	42.724	nq	97
60) Diethylphthalate	10.26	149	1049173	41.541	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	487340	42.636	nq	96
62) 4-Nitroaniline	10.43	138	239496	33.302	nq	97
63) Azobenzene	10.54	77	1004728	41.098	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150588	47.267	nq	95
66) n-Nitrosodiphenylamine	10.50	169	901737	44.811	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	308733	42.291	nq	97
68) Hexachlorobenzene	10.95	284	325255	40.274	nq	97
69) Atrazine	11.02	200	149469	23.868	nq	97
70) Pentachlorophenol	11.15	266	244380	63.834	nq	98
71) Phenanthrene	11.35	178	1430898	44.359	nq	99
72) Anthracene	11.40	178	1436872	44.349	nq	99
73) Carbazole	11.56	167	1373382	44.452	nq	99
74) Di-n-butylphthalate	11.88	149	1595879	44.835	nq	100
75) Fluoranthene	12.55	202	1518240	43.707	nq	99
77) Benzidine	12.66	184	134777	5.792	nq	95
78) Pyrene	12.77	202	1526258	36.602	nq	98
80) Butylbenzylphthalate	13.37	149	693415	39.508	nq	98
81) Benzo(a)anthracene	13.96	228	1274407	38.012	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	379566	29.184	nq	98
83) Chrysene	14.00	228	1251044	38.065	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	931691	40.588	nq	99
85) Di-n-octyl phthalate	14.54	149	1538077	41.333	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	1174155	40.424	nq	99
88) Benzo(b)fluoranthene	15.01	252	1325079	75.106	nq	99
89) Benzo(k)fluoranthene	15.04	252	1180932	72.867	nq	98
90) Benzo(a)pyrene	15.37	252	1184944	76.315	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1006197	77.986	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1022929	79.113	nq	99

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

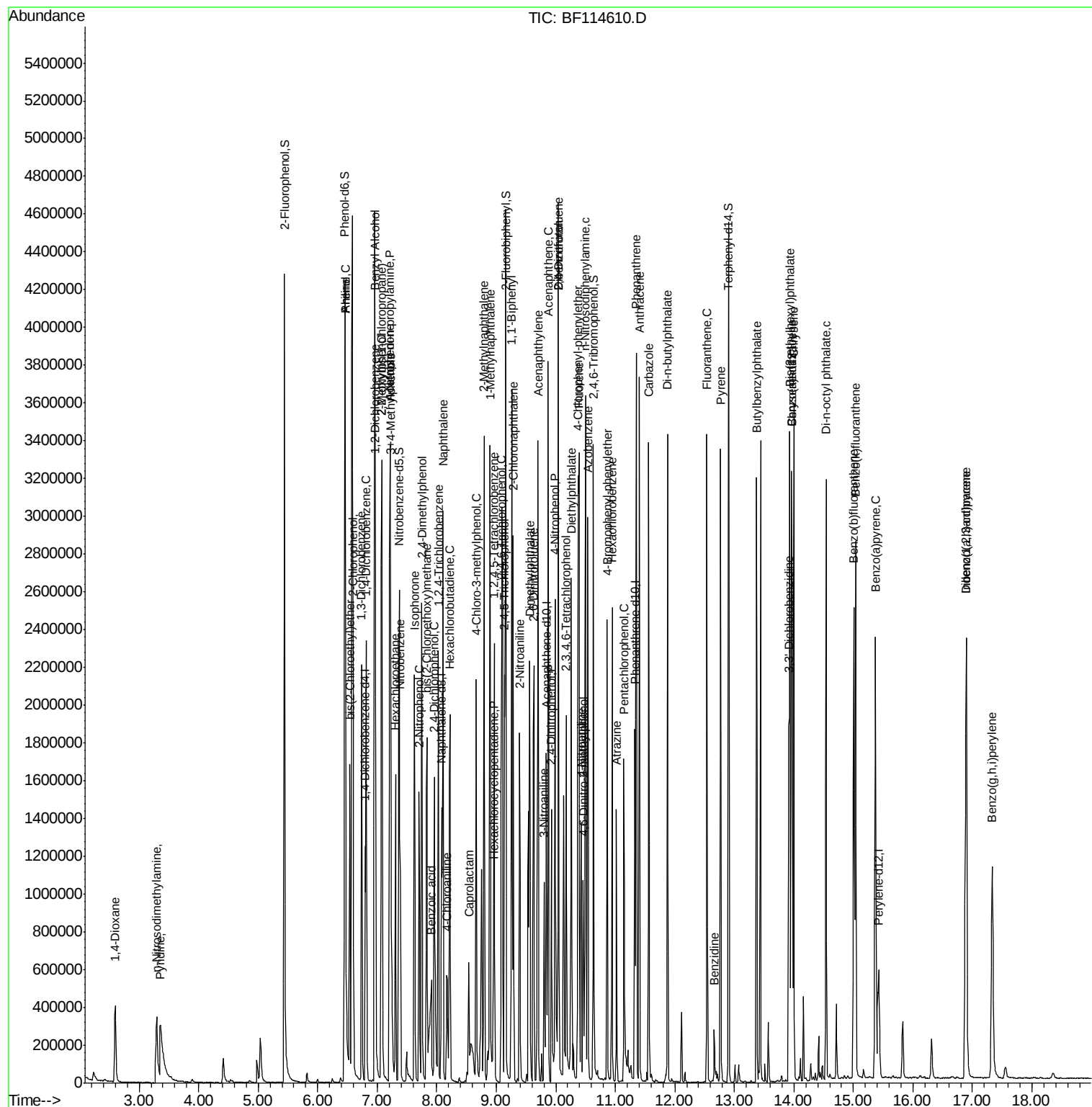
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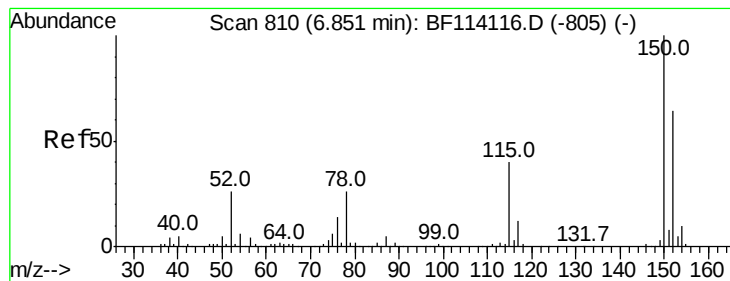
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#1

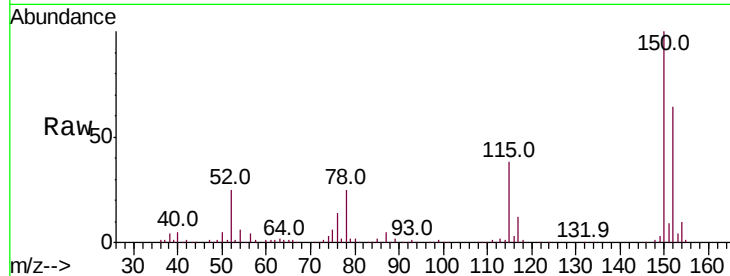
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	59.9	49.1	73.7

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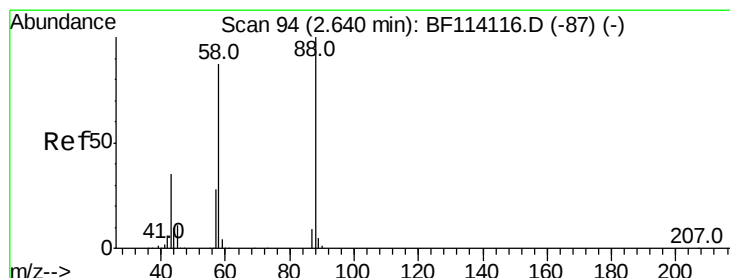
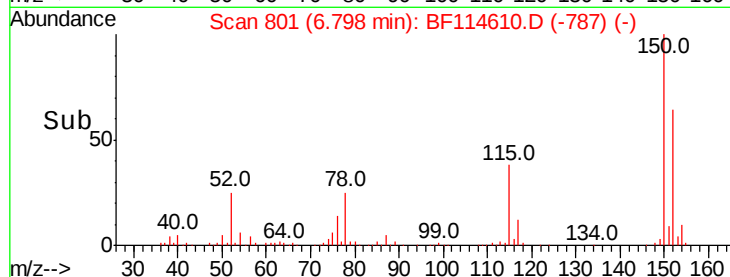
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

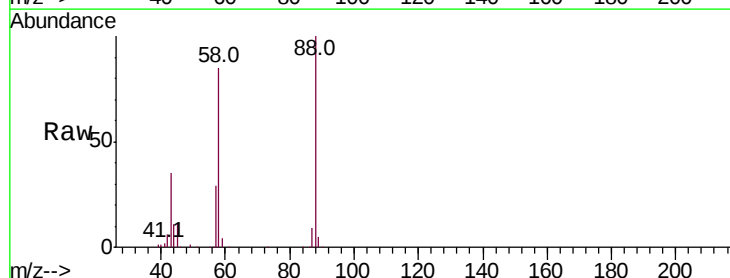
Time-->



#2

1,4-Dioxane
Concen: 35.431 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.04 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	68.7	103.1
43	35.1	28.2	42.2



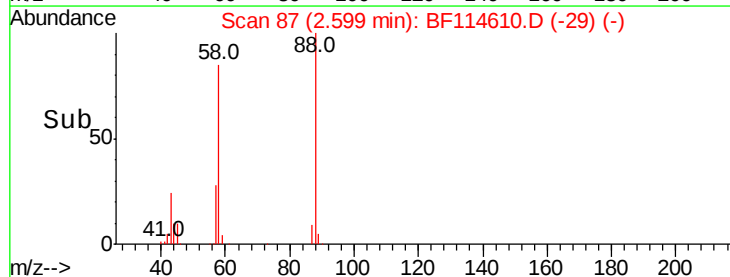
Abundance

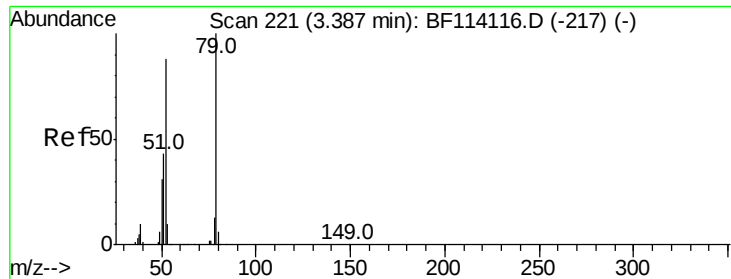
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 24.891 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

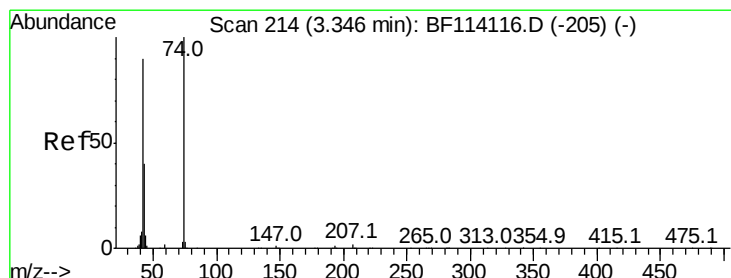
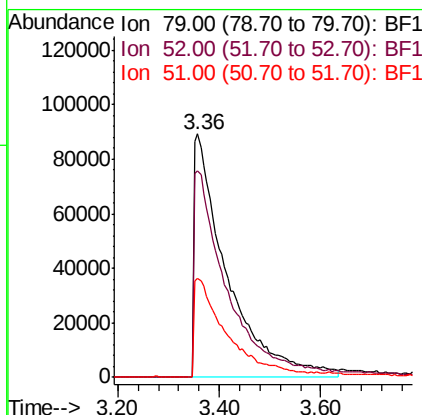
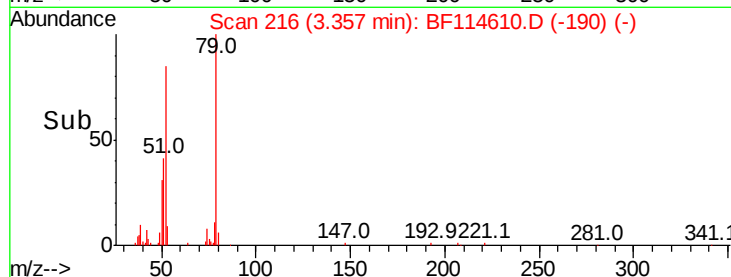
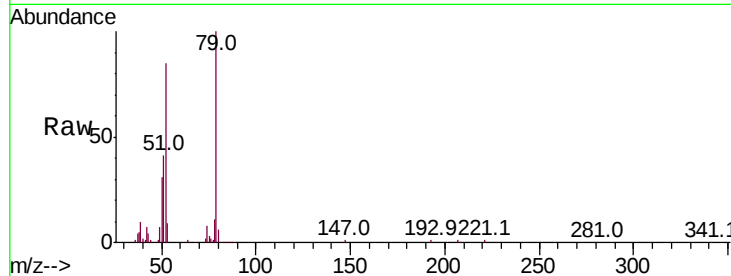
ClientSampleId :

PB119943BS

Tot Ion:	79	Resp:	401913
Ion Ratio	Lower	Upper	
79	100		
52	84.7	70.6	105.8
51	40.5	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 33.444 ng

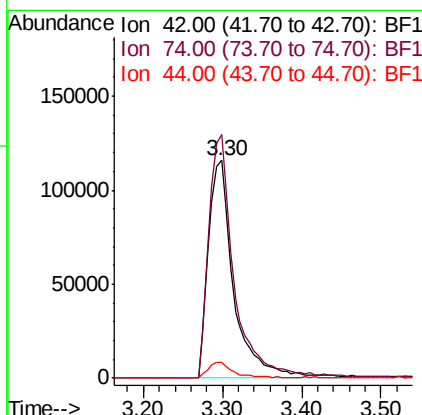
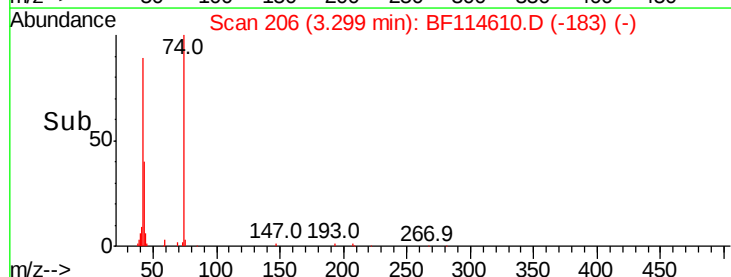
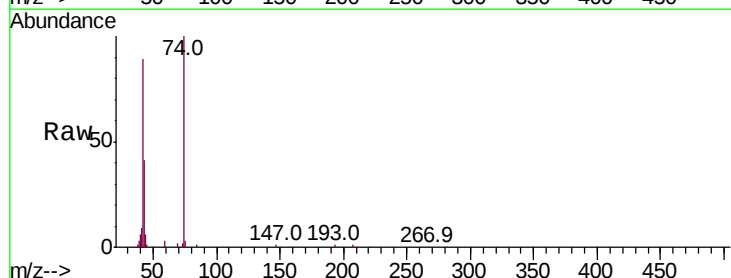
RT: 3.30 min Scan# 206

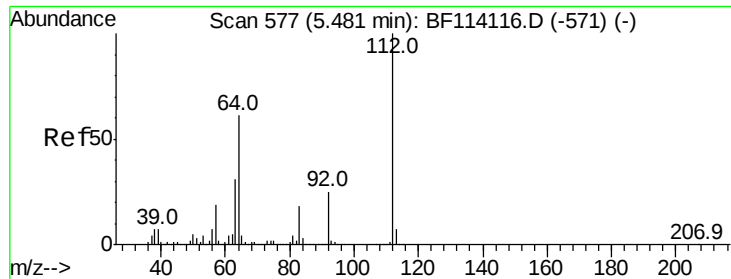
Delta R.T. 0.04 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion:	42	Resp:	260413
Ion Ratio	Lower	Upper	
42	100		
74	111.9	88.6	132.8
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 121.079 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

Tot Ion:112 Resp: 1290968

Ion Ratio Lower Upper

112 100

64 66.3 49.0 73.6

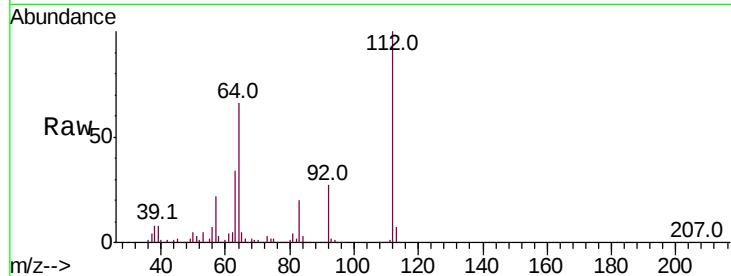
63 34.3 24.6 37.0

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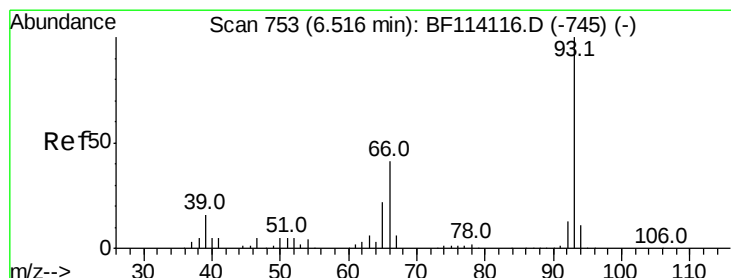
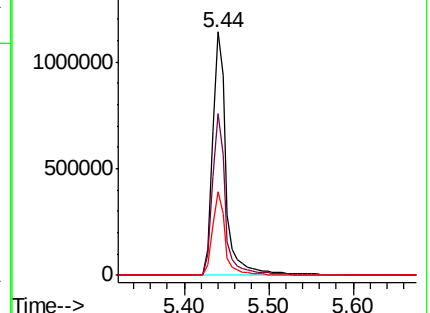
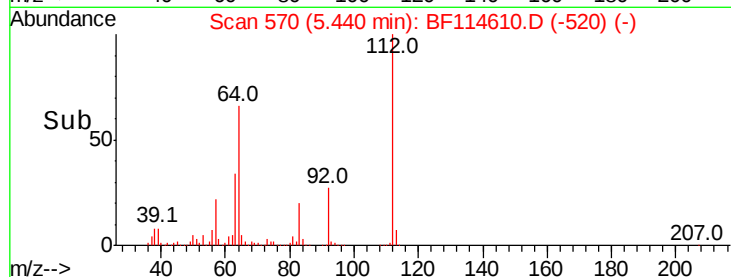
5/27/2019 3:50:02 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.604 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

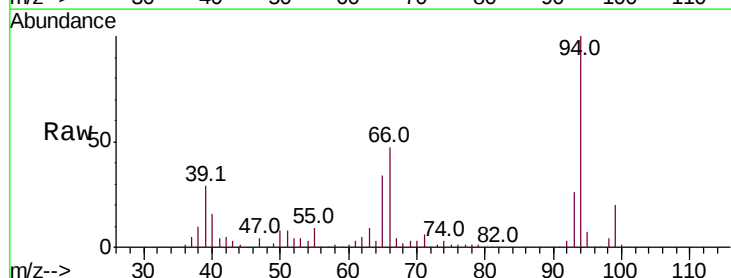
Tgt Ion: 93 Resp: 229598

Ion Ratio Lower Upper

93 100

66 181.0 33.2 49.8#

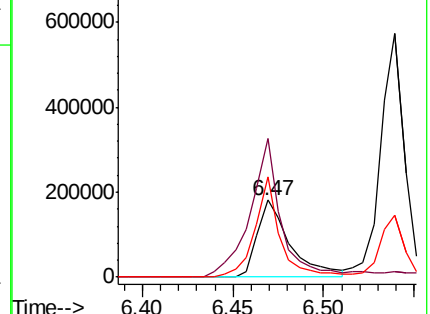
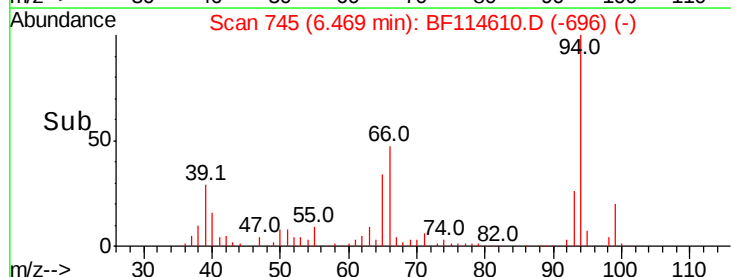
65 130.8 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.089 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

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ClientSampleId :

PB119943BS

Tot Ion: 99 Resp: 1678321

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

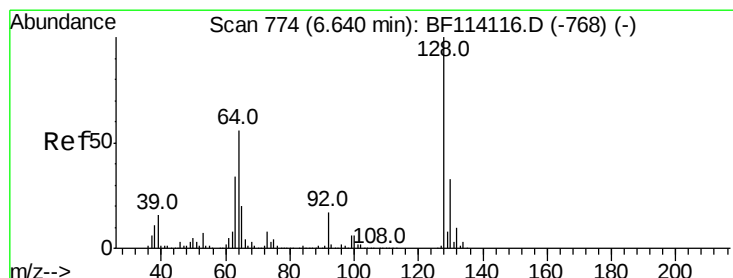
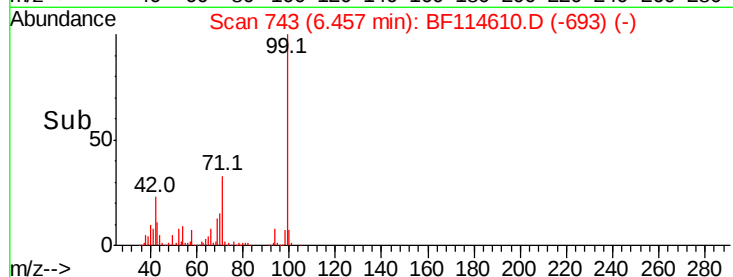
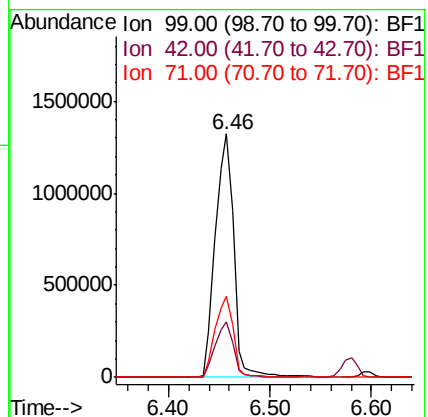
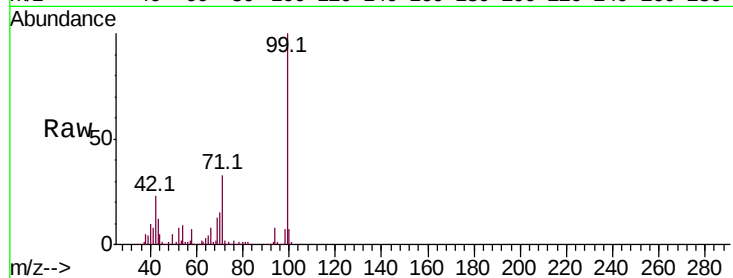
71 33.5 26.2 39.2

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#8

2-Chlorophenol

Concen: 45.266 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

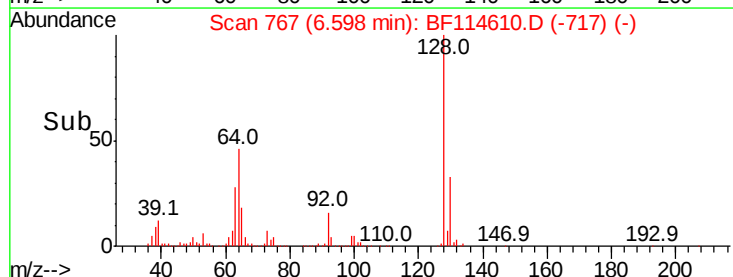
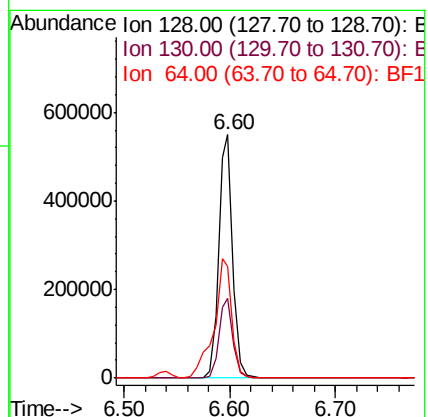
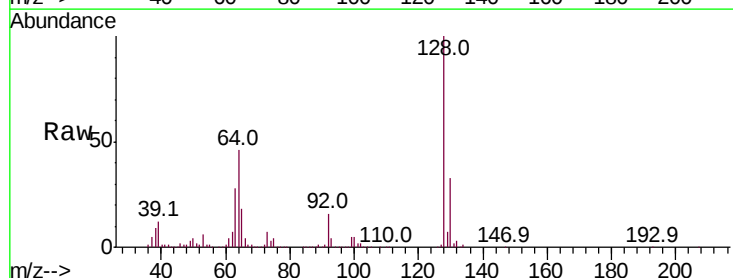
Tgt Ion: 128 Resp: 515238

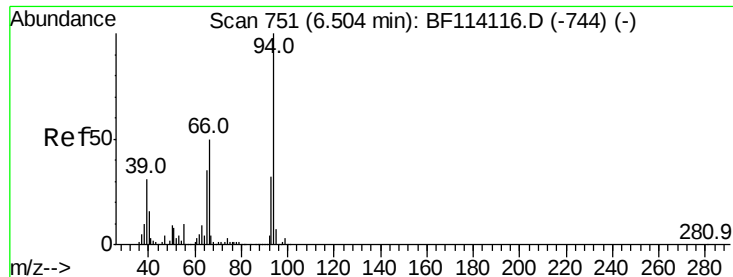
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 46.0 35.9 75.9





#10

Phenol

Concen: 41.578 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

PB119943BS

Tot Ion: 94 Resp: 616795

Ion Ratio Lower Upper

94 100

65 33.8 14.7 54.7

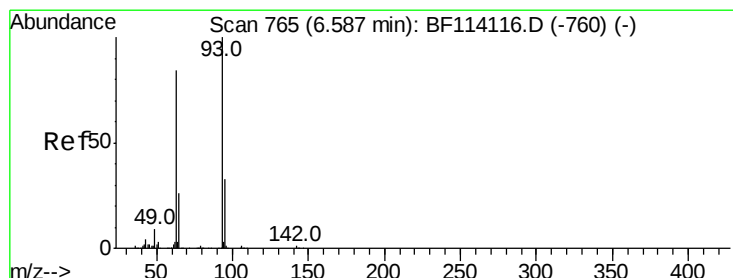
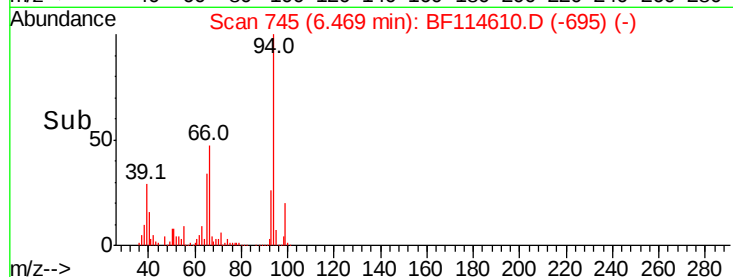
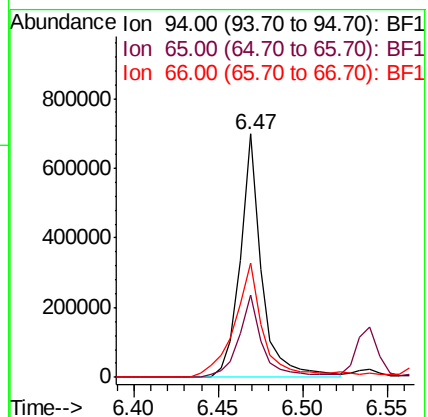
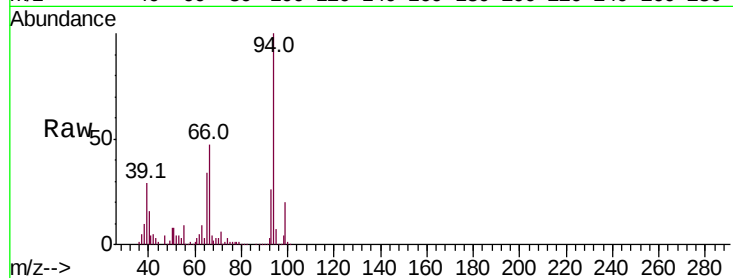
66 46.8 29.6 69.6

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 48.601 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

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Acq: 25 May 2019 18:05

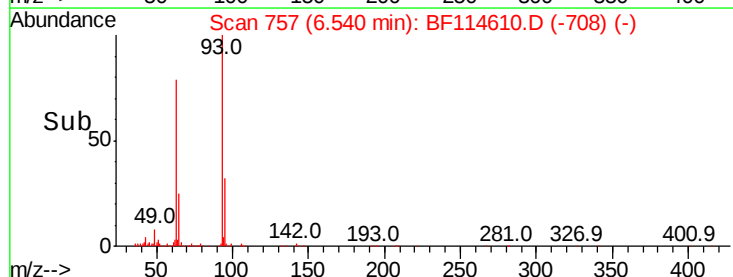
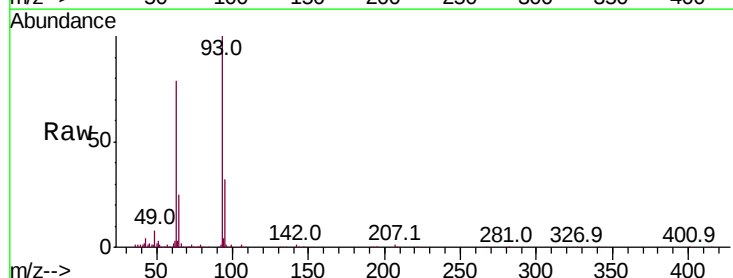
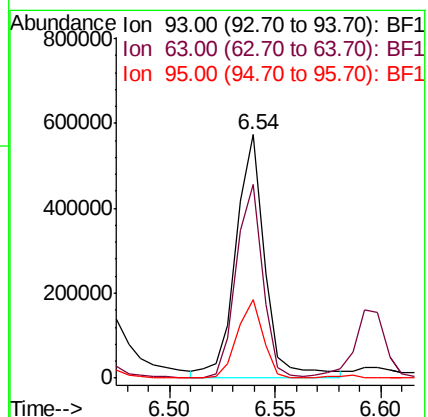
Tgt Ion: 93 Resp: 547357

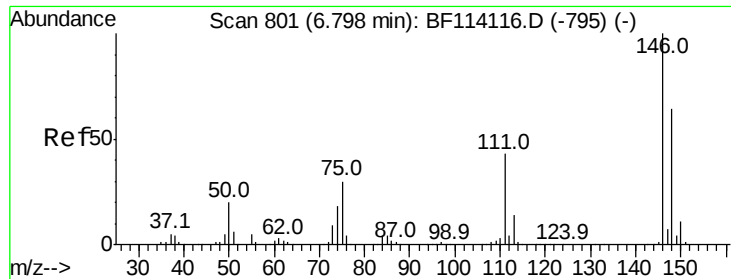
Ion Ratio Lower Upper

93 100

63 79.3 63.6 103.6

95 32.1 13.1 53.1





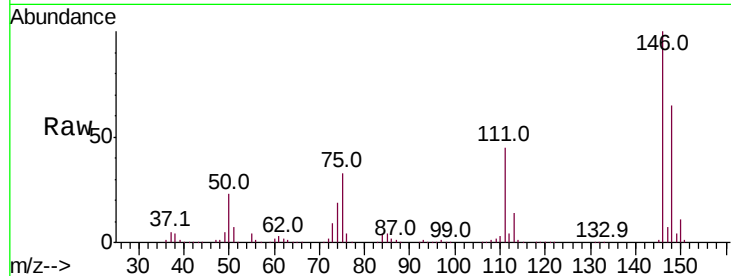
#12
 1,3-Dichlorobenzene
 Concen: 39.270 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	501745		
148	64.6		51.6	77.4
75	32.9		24.2	36.2

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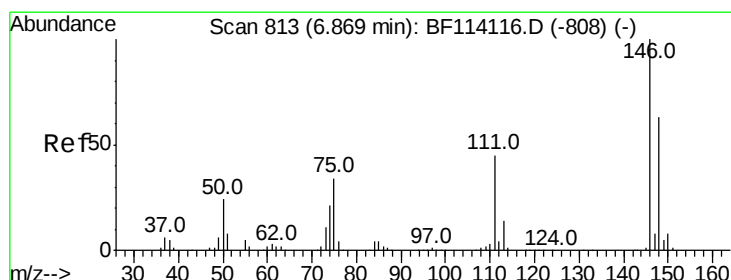
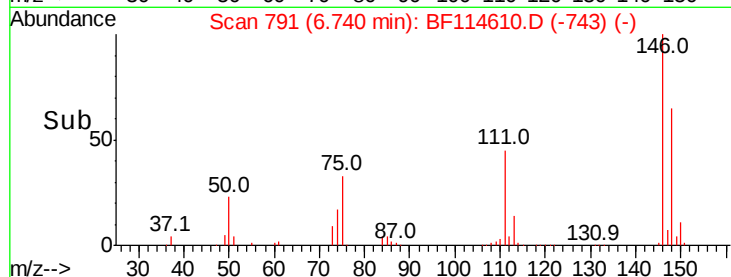
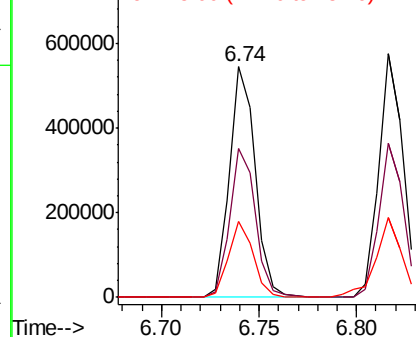


Abundance

Ion 146.00 (145.70 to 146.70): E

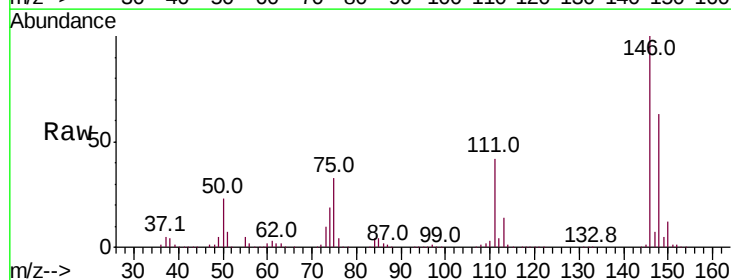
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13
 1,4-Dichlorobenzene
 Concen: 39.637 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	510322		
148	63.1		50.2	75.2
111	42.3		35.8	53.6

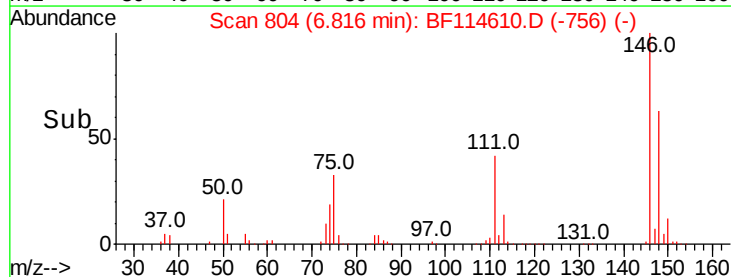
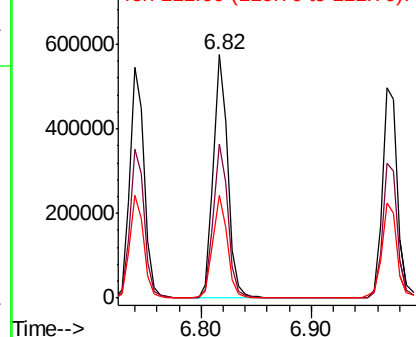


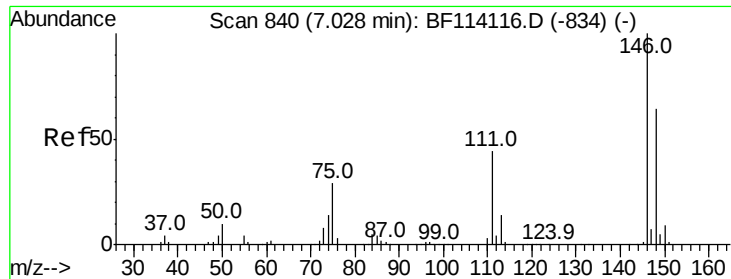
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.750 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

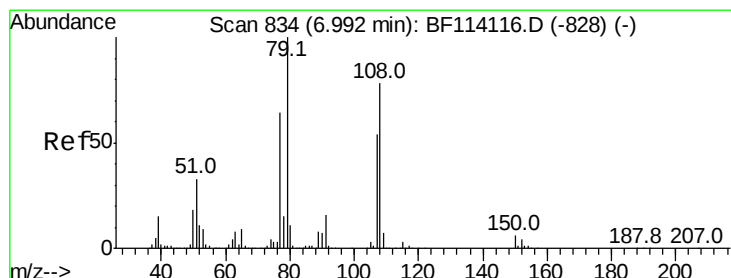
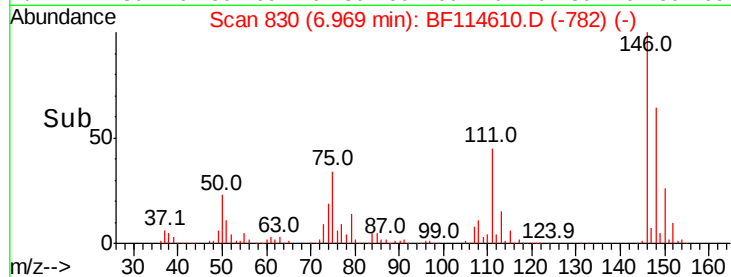
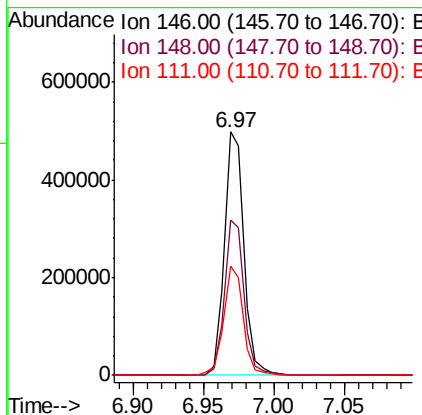
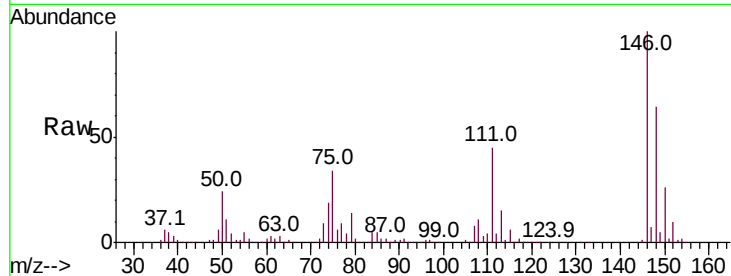
ClientSampleId :

PB119943BS

Tot Ion:	146	Resp:	479324
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	45.0	35.3	52.9

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#15

Benzyl Alcohol

Concen: 40.852 ng

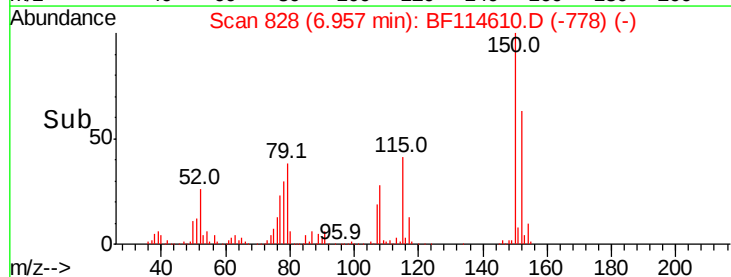
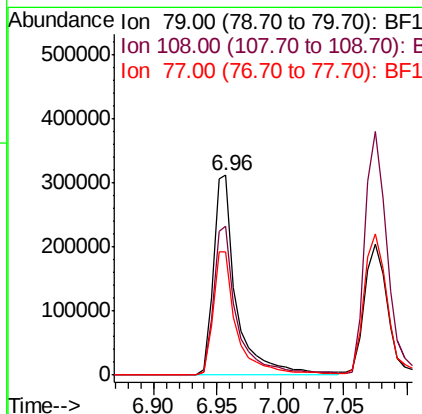
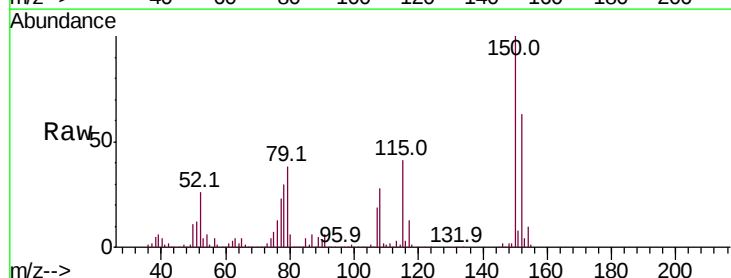
RT: 6.96 min Scan# 828

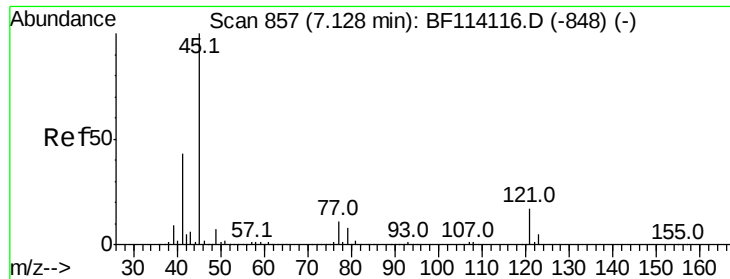
Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion:	79	Resp:	401795
Ion Ratio	Lower	Upper	
79	100		
108	74.4	62.1	93.1
77	61.8	51.0	76.6





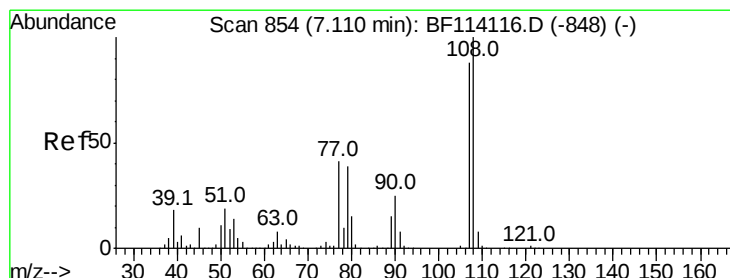
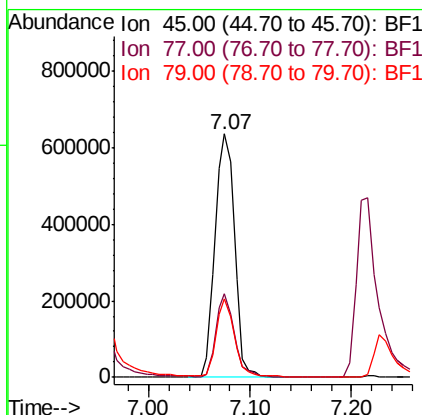
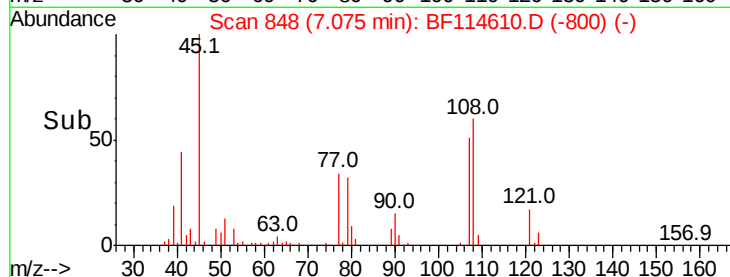
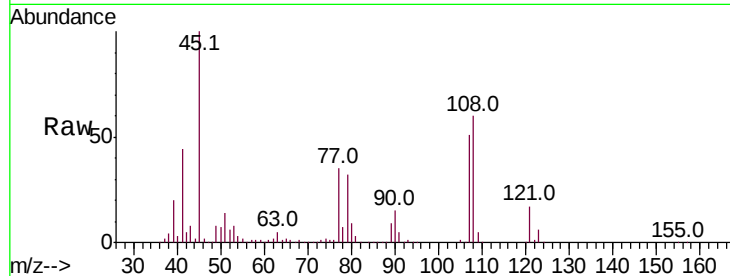
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.214 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	34.6	0.0	31.1#
79	32.1	0.0	28.4#

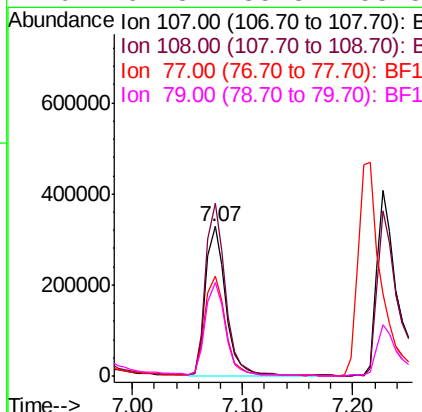
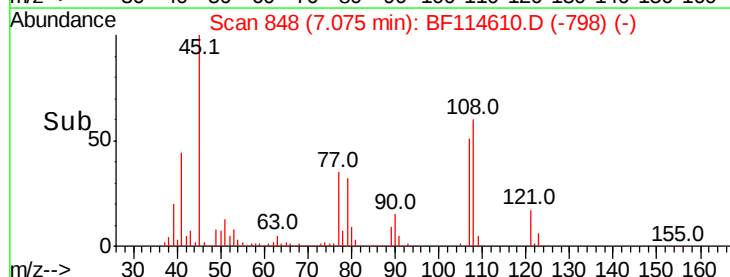
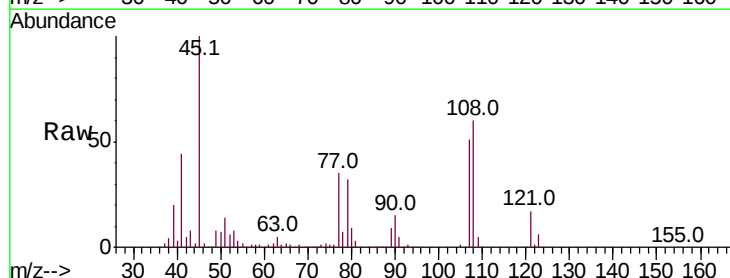
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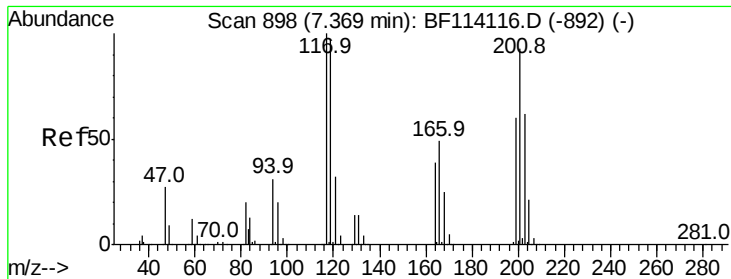
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#17
2-Methylphenol
Concen: 43.415 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.5	135.7
77	67.1	37.0	55.4#
79	62.3	35.8	53.8#





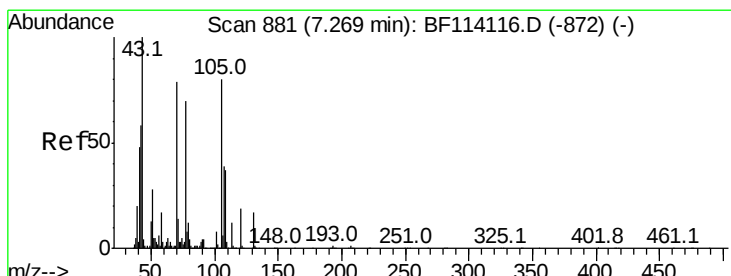
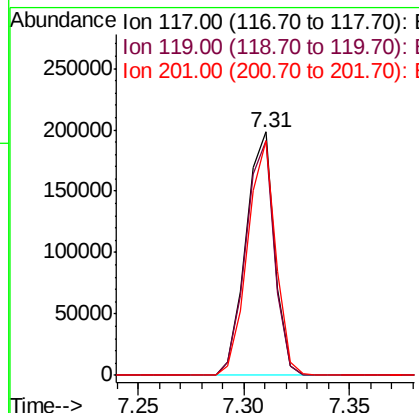
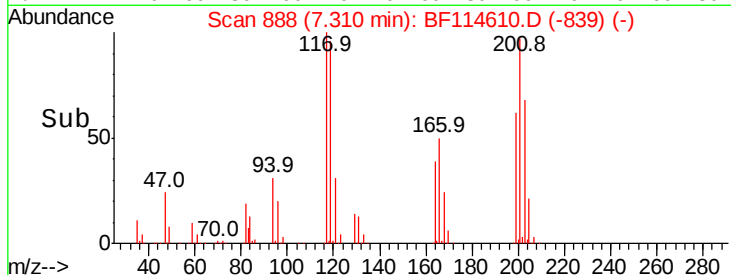
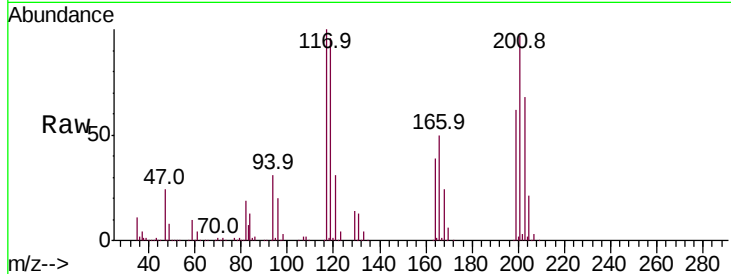
#18
Hexachloroethane
Concen: 38.392 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampled :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	185540		
119	96.2	77.4	116.2	
201	96.5	74.5	111.7	

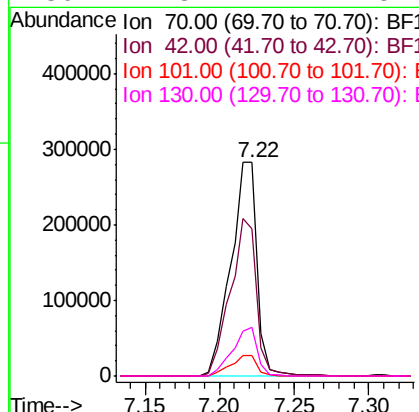
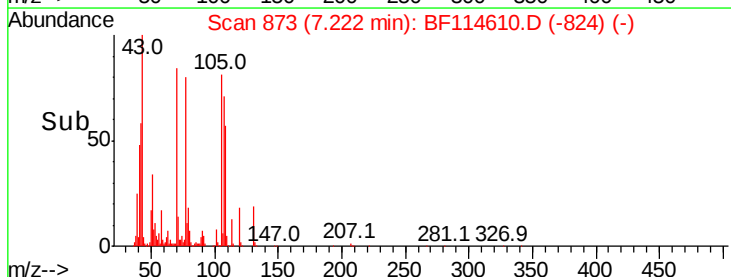
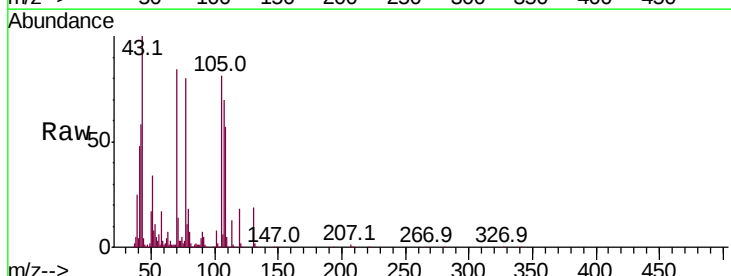
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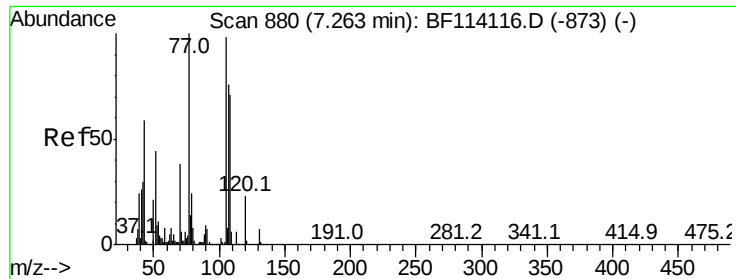
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 43.609 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	348576		
42	68.8	58.6	87.8	
101	9.8	7.8	11.8	
130	22.8	17.1	25.7	





#20

3+4-Methylphenols

Concen: 50.829 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

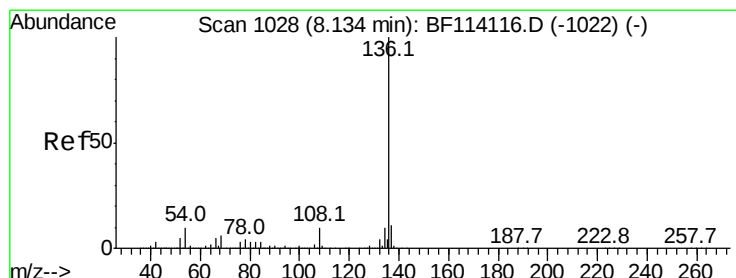
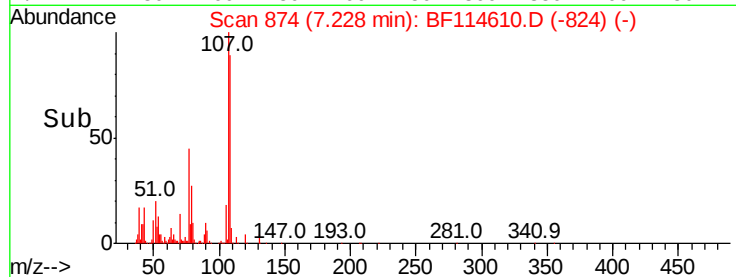
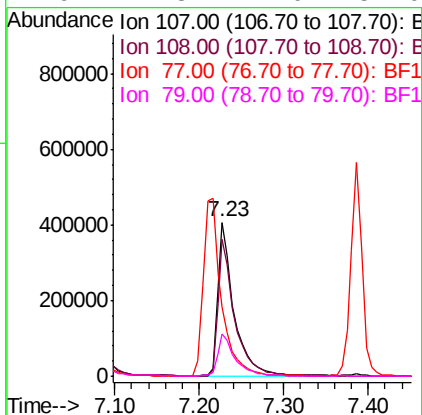
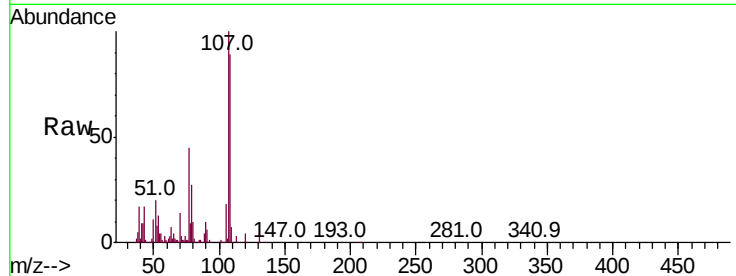
ClientSampleId :

PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.1	73.8	113.8	
77	44.5	111.5	151.5	
79	27.3	12.0	52.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

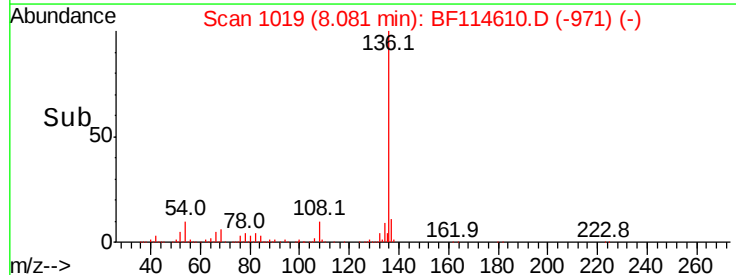
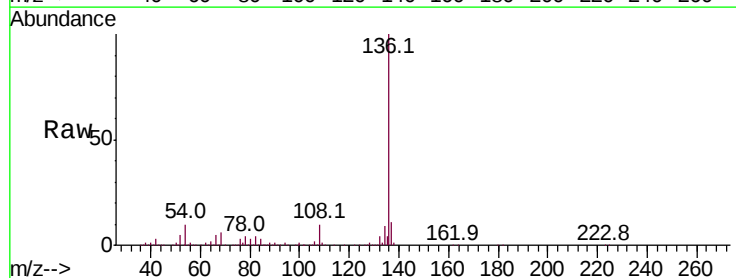
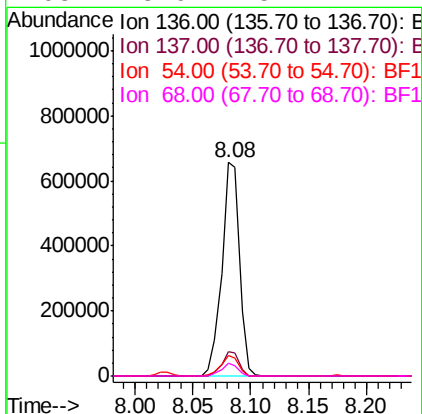
RT: 8.08 min Scan# 1019

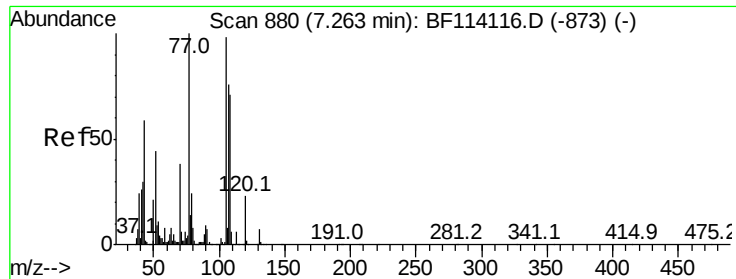
Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	9.6	7.8	11.8	
68	5.9	5.1	7.7	





#22

Acetophenone

Concen: 44.293 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

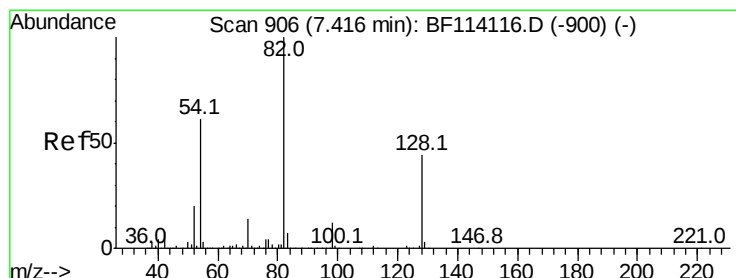
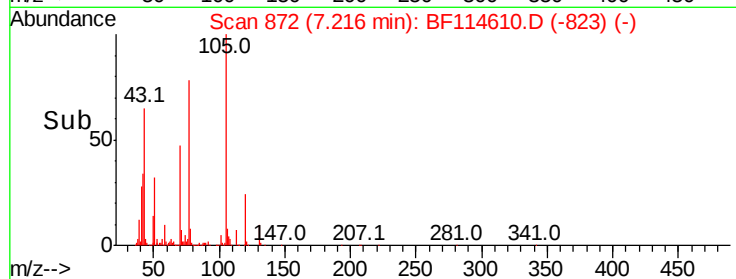
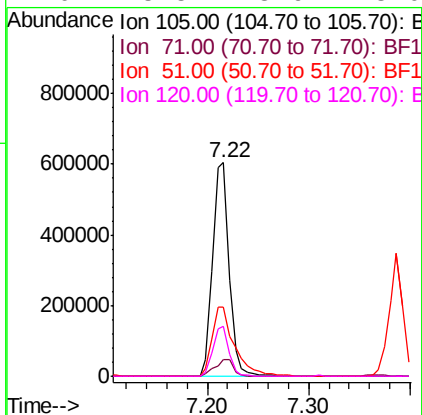
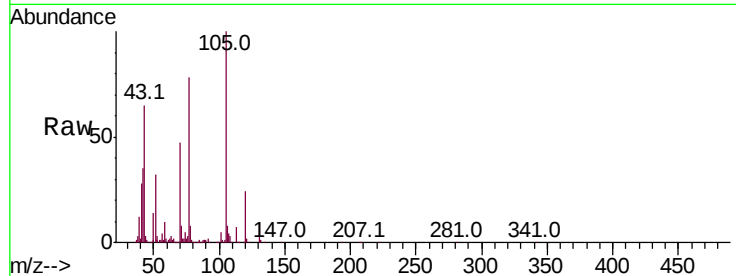
ClientSampleId :

PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	5.3	7.9	
51	32.1	36.2	54.4	
120	23.5	18.6	28.0	

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#23

Nitrobenzene-d5

Concen: 72.695 ng

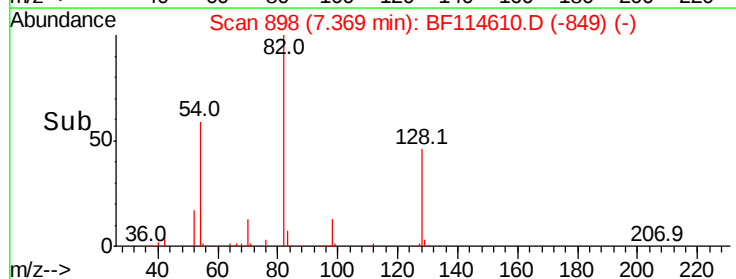
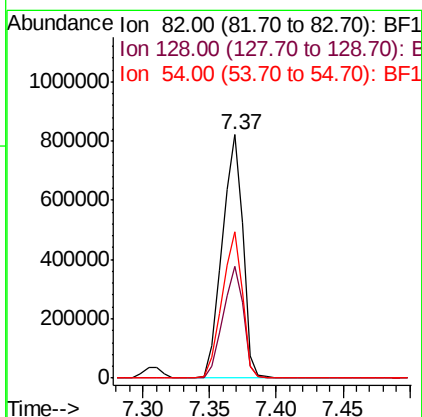
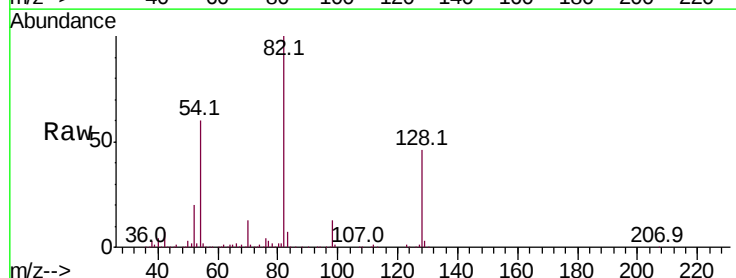
RT: 7.37 min Scan# 898

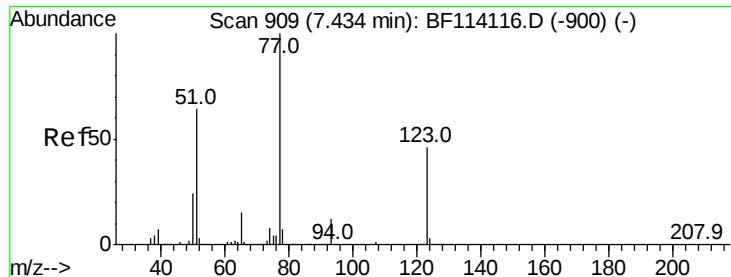
Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	35.5	53.3	
54	60.3	48.5	72.7	





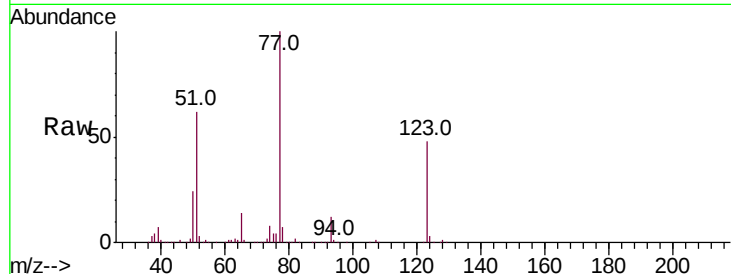
#24
Nitrobenzene
Concen: 42.102 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

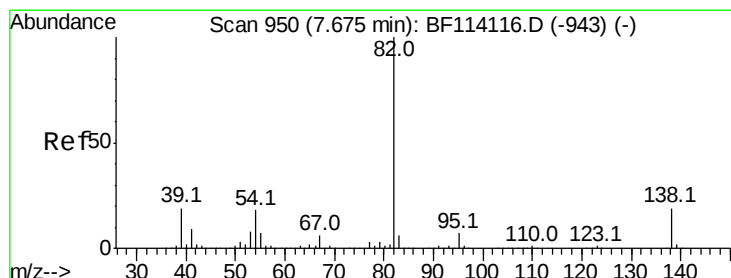
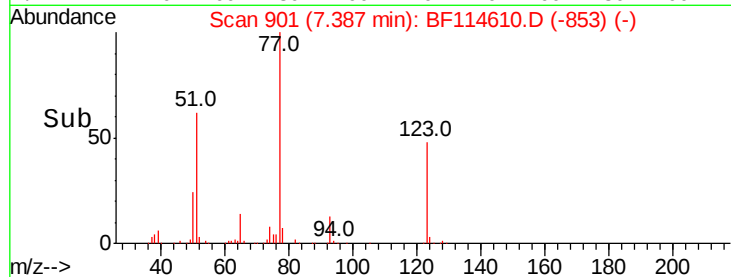
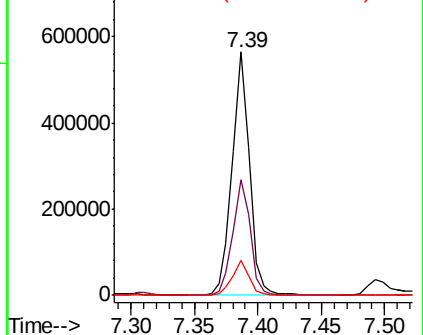
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.5	36.9	55.3
65	14.2	11.8	17.6

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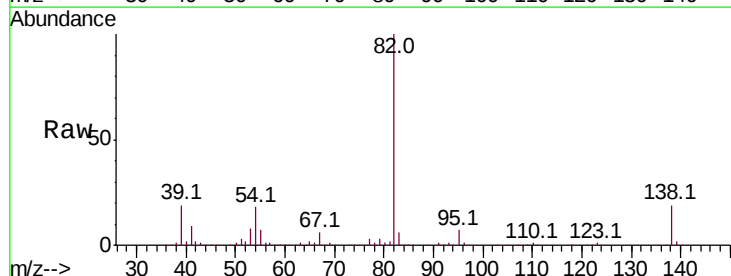


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

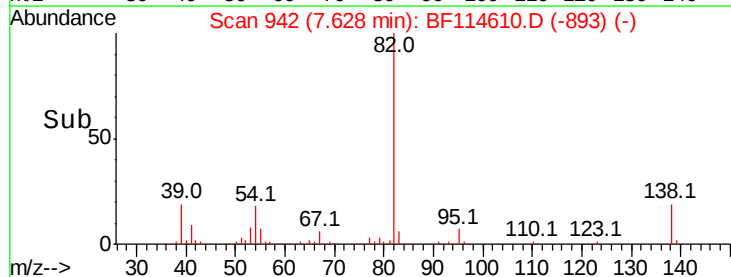
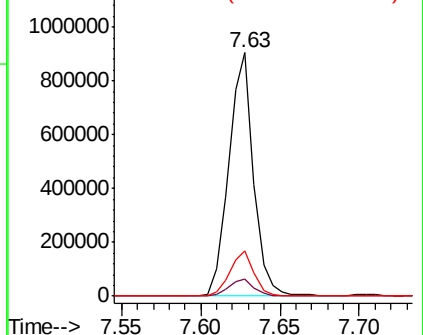


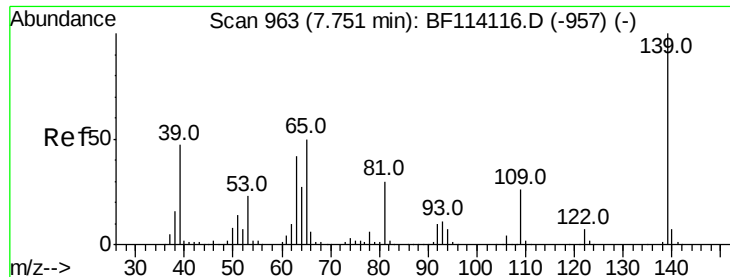
#25
Isophorone
Concen: 42.188 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.7	14.8	22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





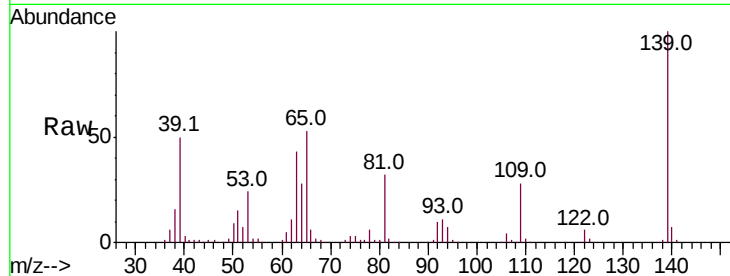
#26
2-Nitrophenol
Concen: 45.477 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	279292		
109	27.5	20.7	31.1	
65	52.7	40.2	60.2	

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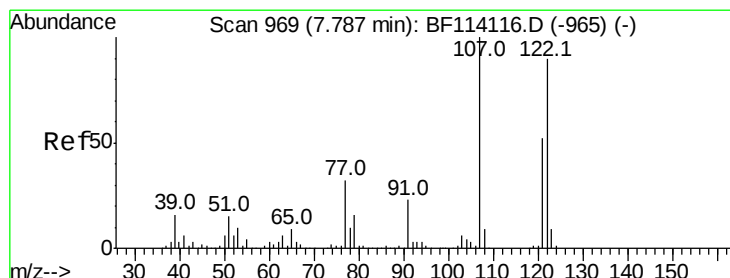
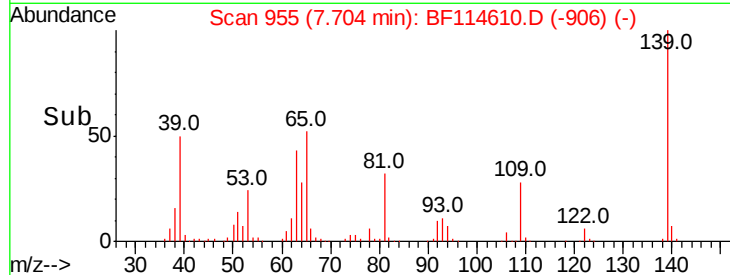
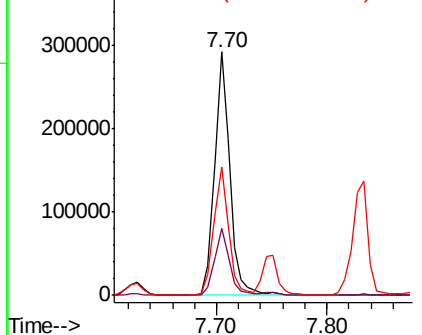


Abundance

Ion 139.00 (138.70 to 139.70): E

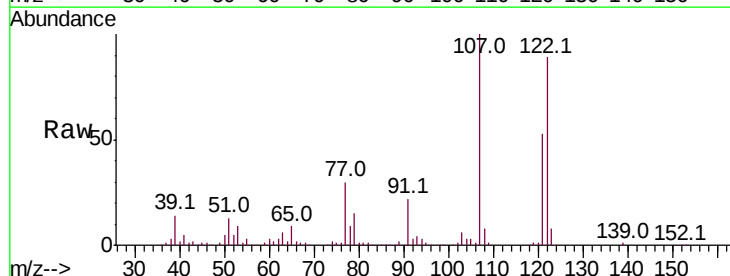
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 46.917 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	452540		
107	112.0	88.4	132.6	
121	59.2	45.9	68.9	

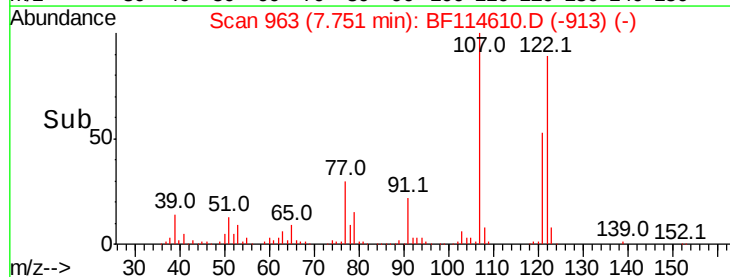
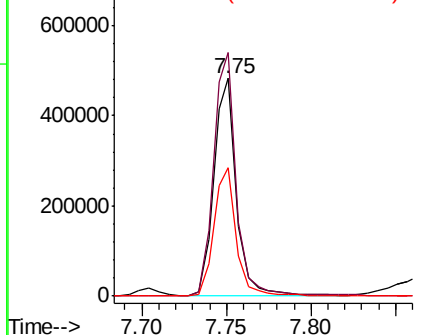


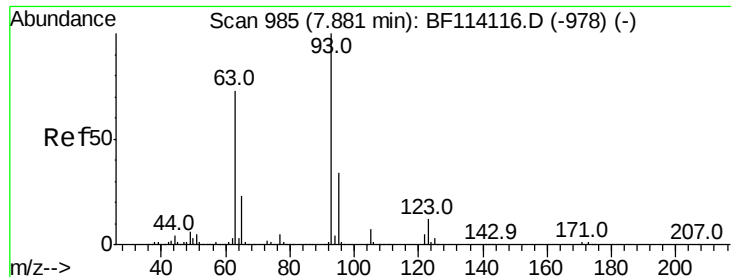
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





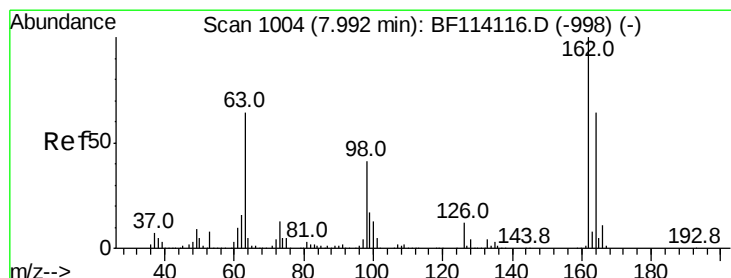
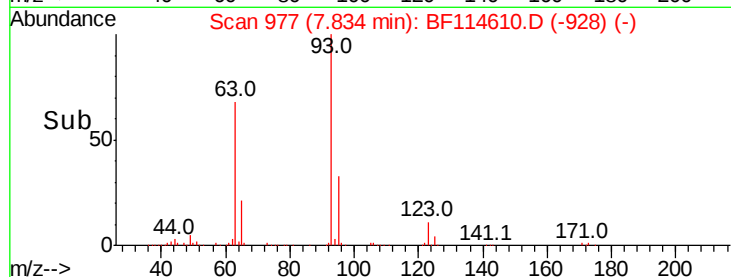
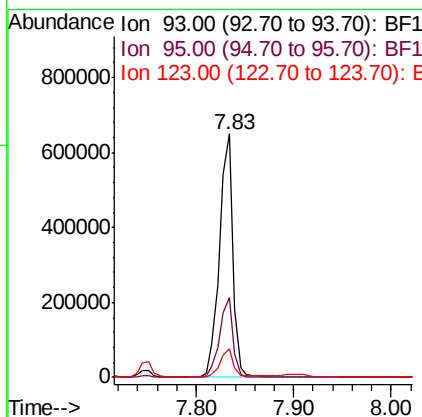
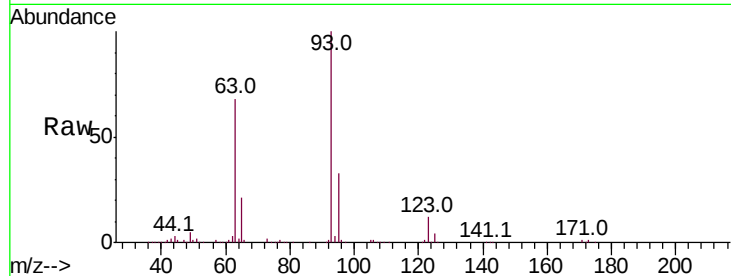
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.961 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.8	40.2
123	11.6	9.5	14.3

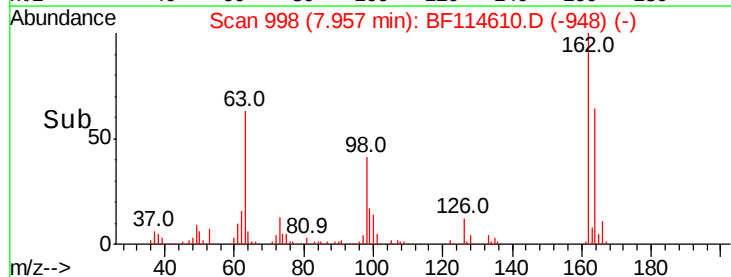
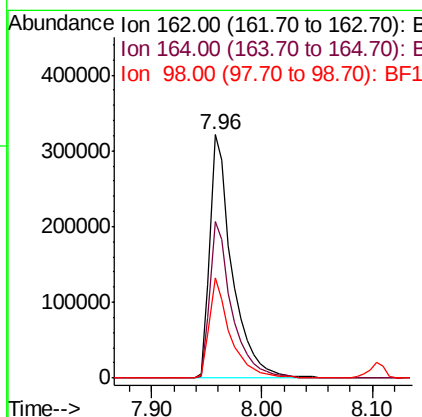
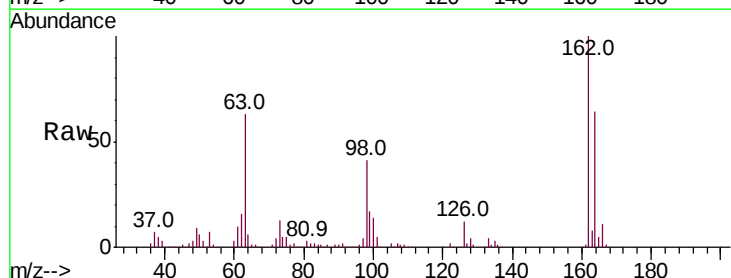
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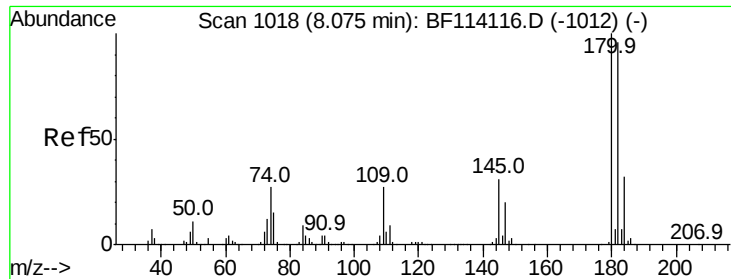
mohammad
 5/27/2019 3:50:02 AM



#29
 2,4-Dichlorophenol
 Concen: 45.908 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	41.1	20.6	60.6





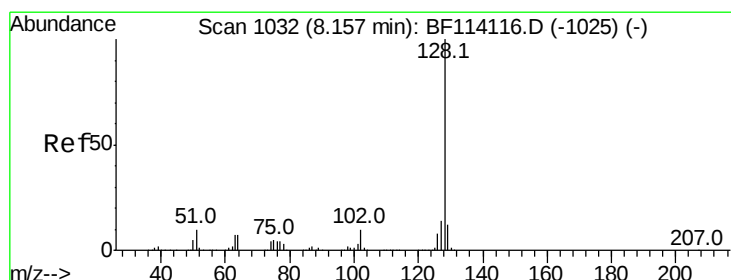
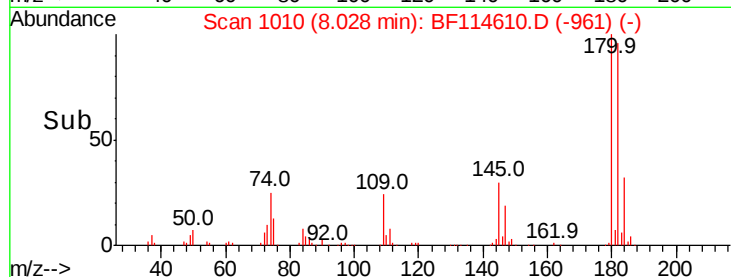
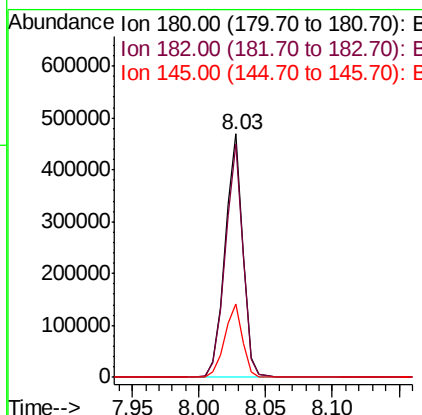
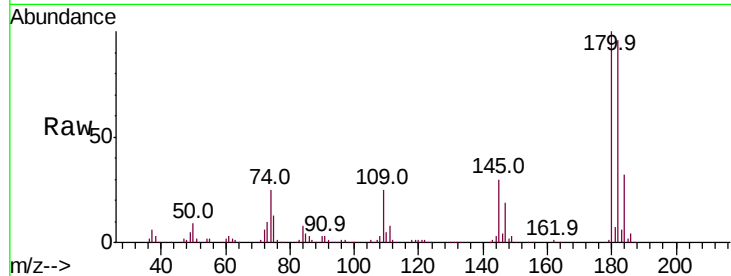
#30
 1,2,4-Trichlorobenzene
 Concen: 40.638 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	76.6	114.8	
145	29.9	25.1	37.7	

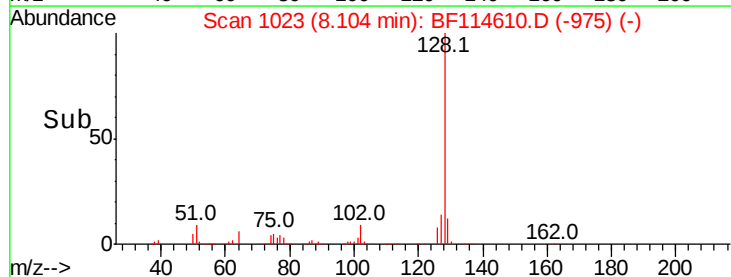
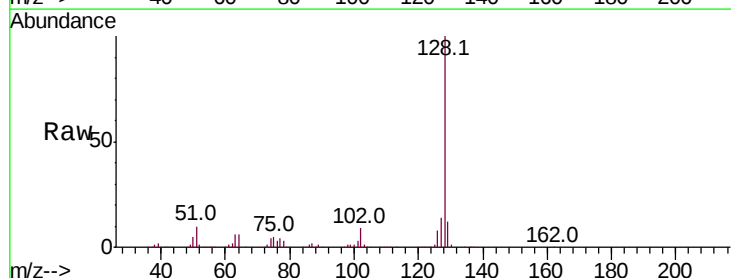
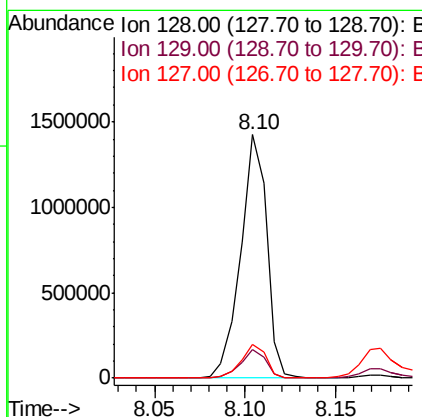
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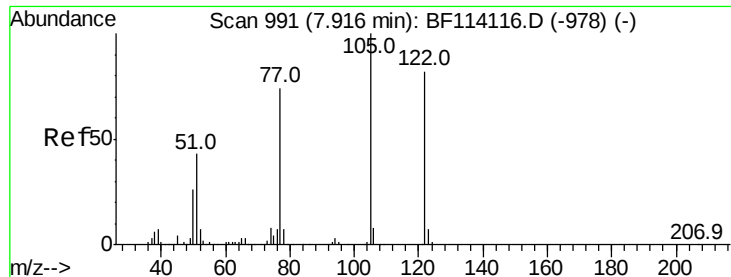
mohammad
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#31
 Naphthalene
 Concen: 43.838 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.6	14.4	
127	13.7	11.3	16.9	





#32

Benzoic acid

Concen: 44.982 ng/mL

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

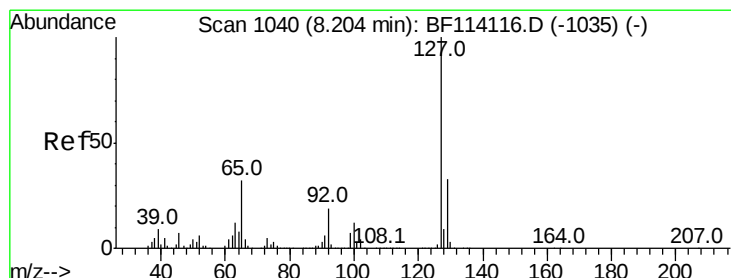
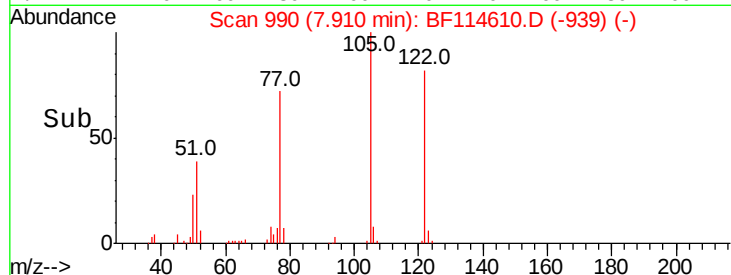
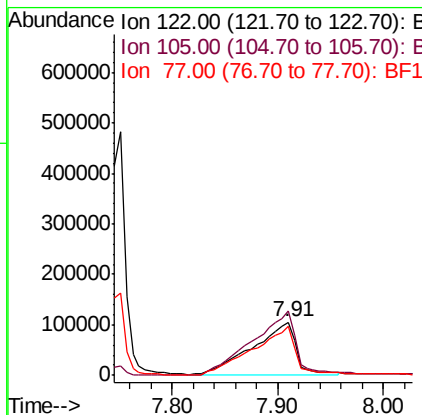
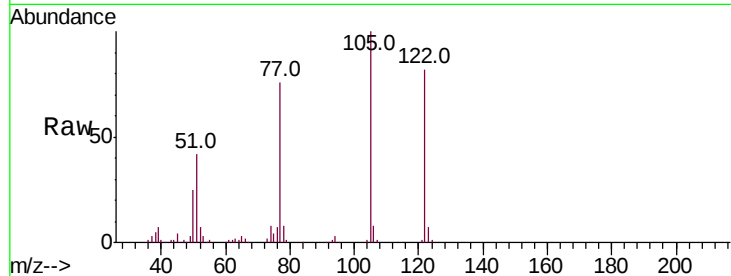
ClientSampleId :

PB119943BS

Tot Ion:	122	Resp:	305812
Ion Ratio	Lower	Upper	
122	100		
105	121.9	99.9	139.9
77	92.2	69.4	109.4

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#33

4-Chloroaniline

Concen: 18.241 ng/mL

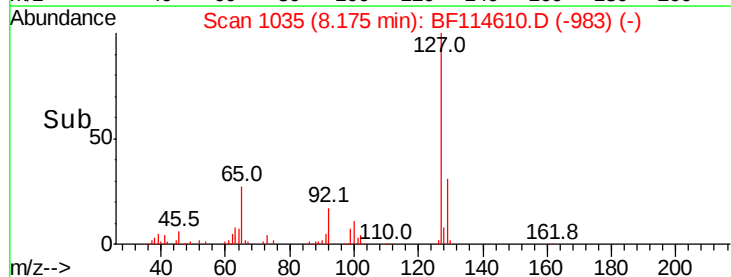
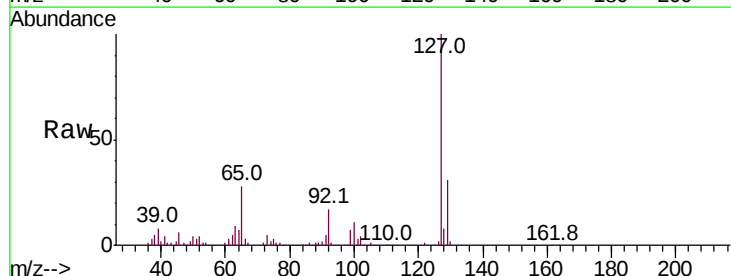
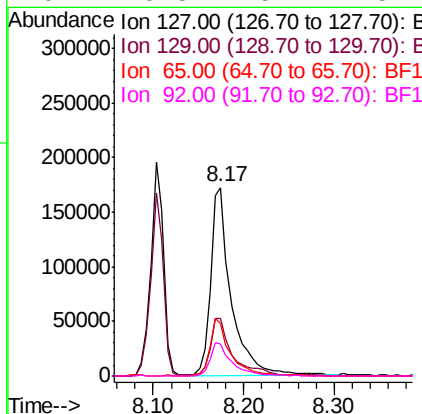
RT: 8.17 min Scan# 1035

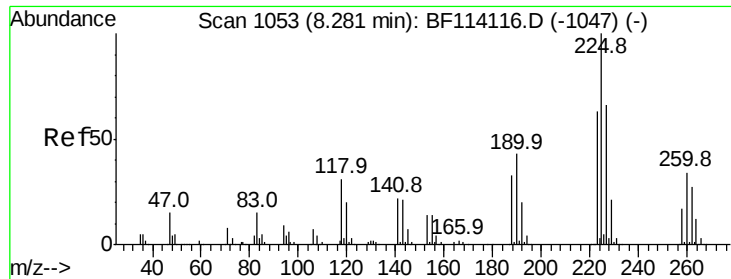
Delta R.T. 0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Tgt Ion:	127	Resp:	270820
Ion Ratio	Lower	Upper	
127	100		
129	30.7	26.7	40.1
65	28.0	25.4	38.0
92	16.8	15.4	23.2





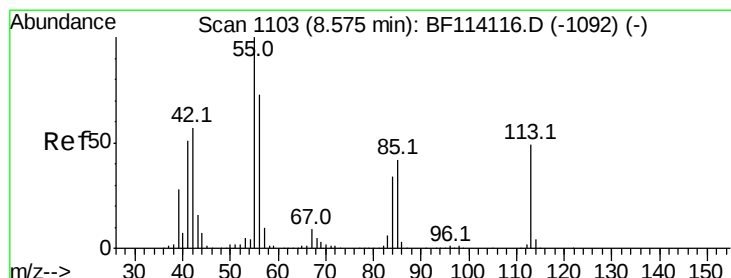
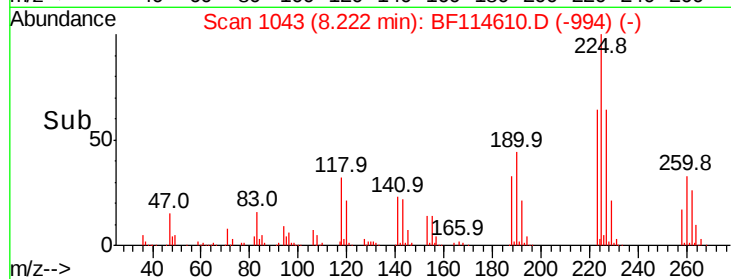
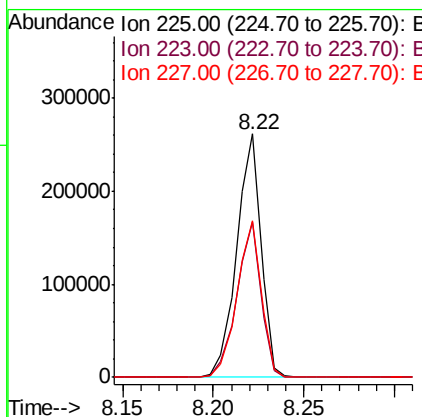
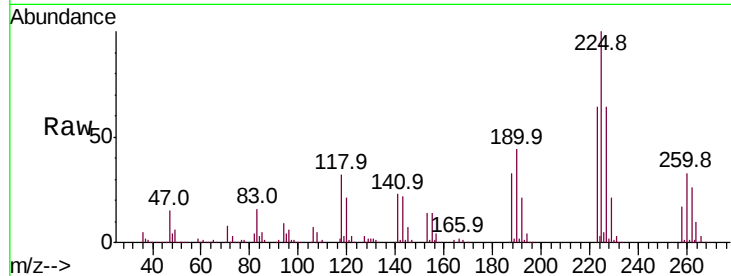
#34
Hexachlorobutadiene
Concen: 39.361 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion:	225	Resp:	244601
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.2	75.2
227	64.2	52.6	79.0

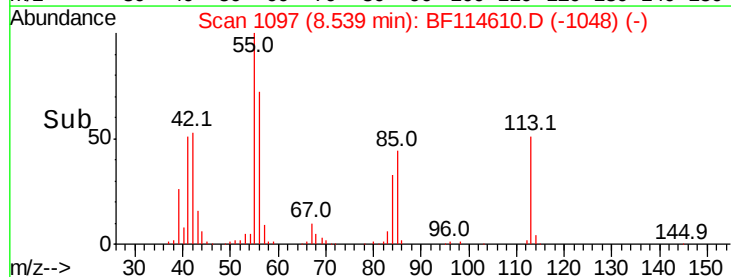
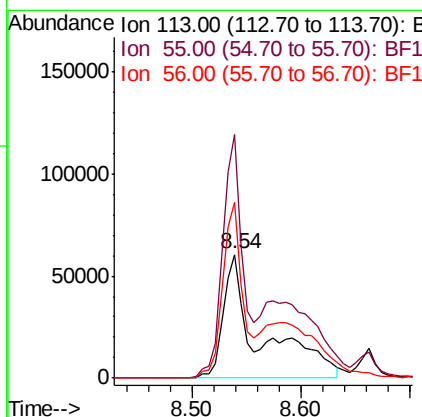
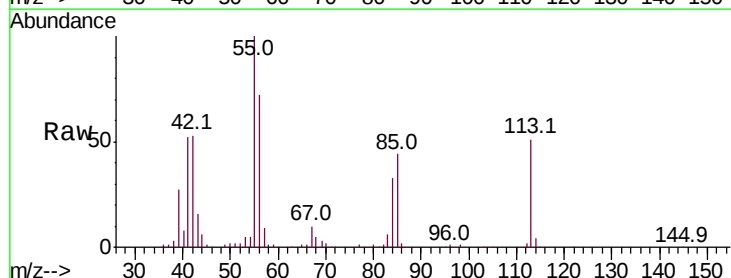
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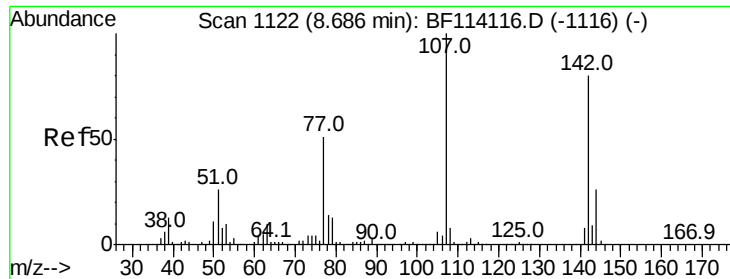
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#35
Caprolactam
Concen: 45.580 ng m
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:	113	Resp:	142748
Ion Ratio	Lower	Upper	
113	100		
55	197.5	183.5	223.5
56	142.7	128.8	168.8





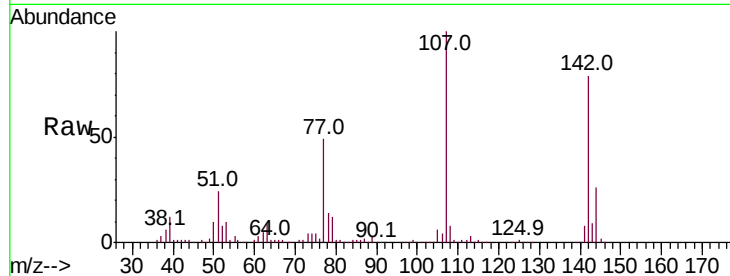
#36
 4-Chloro-3-methylphenol
 Concen: 47.981 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.4	30.6
142	79.1	64.2	96.4

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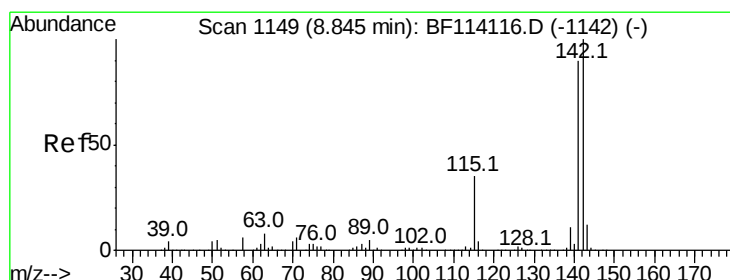
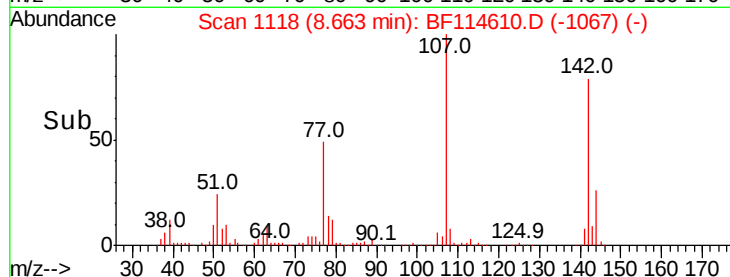
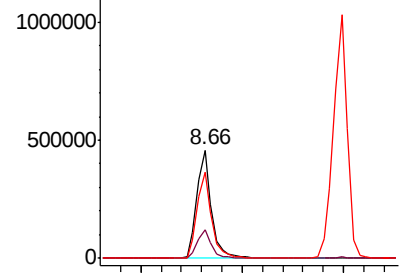


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 46.616 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

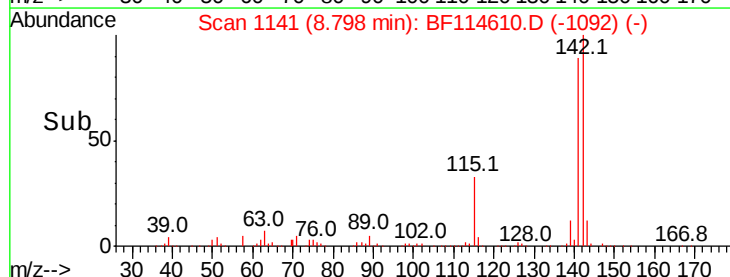
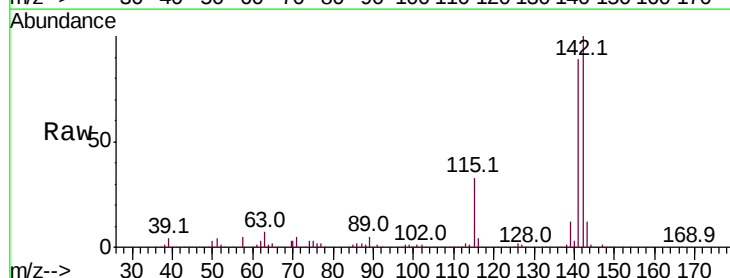
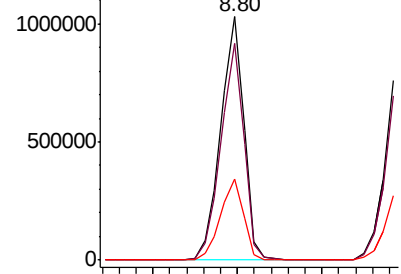
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	33.4	28.0	42.0

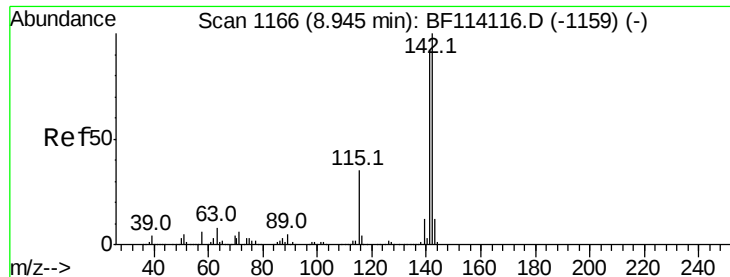
Abundance

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





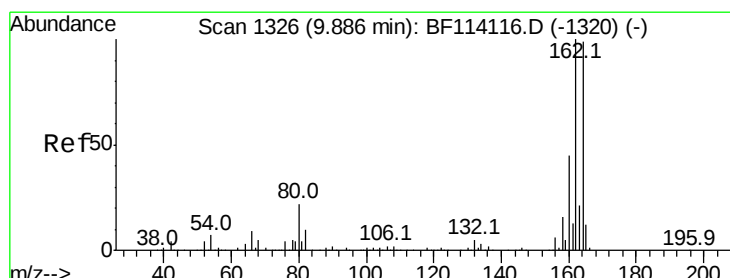
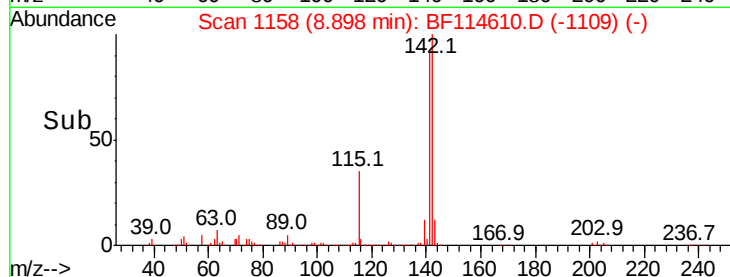
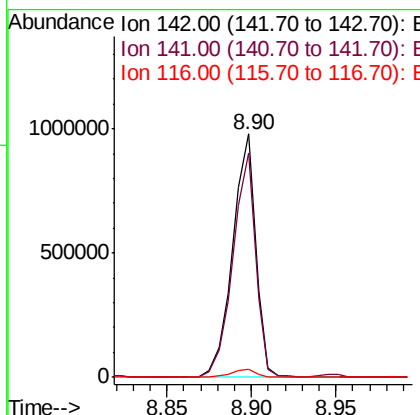
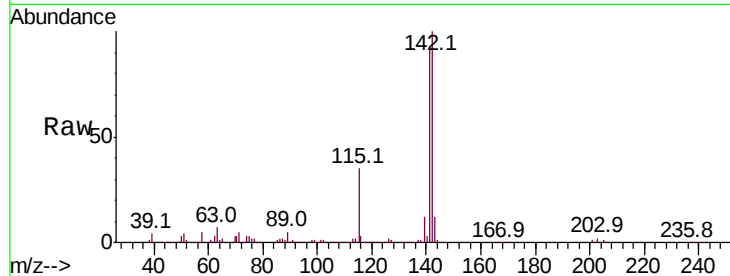
#38
1-Methylnaphthalene
Concen: 46.650 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.0	73.4	110.0	
116	3.4	3.1	4.7	

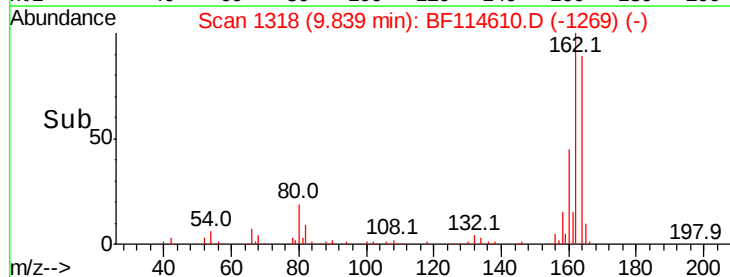
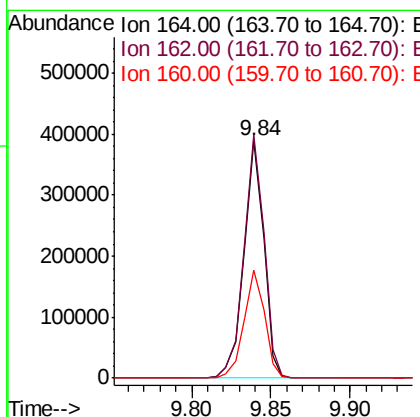
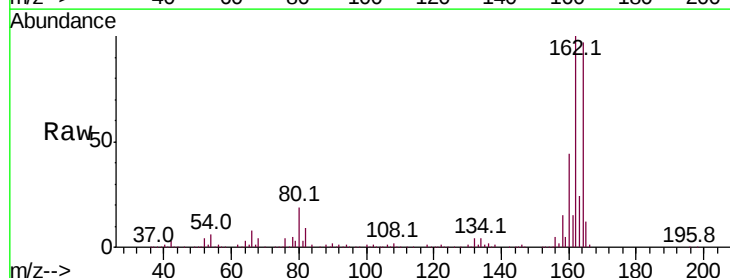
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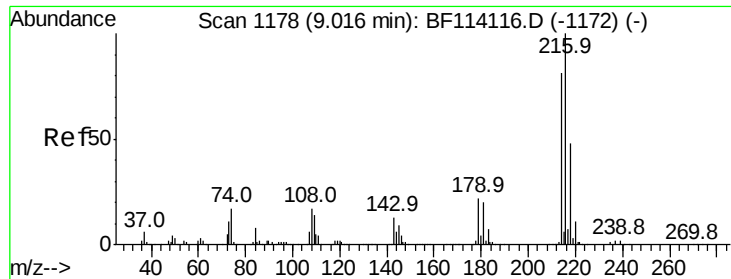
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	80.6	120.8	
160	45.6	36.5	54.7	





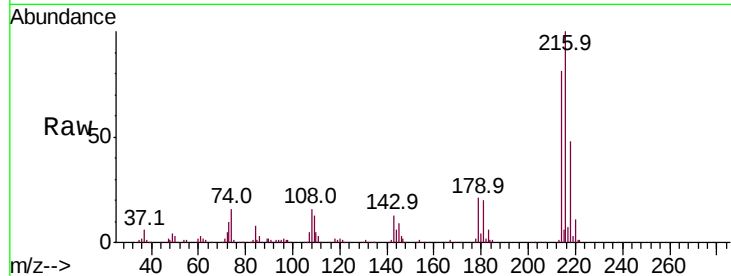
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.275 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

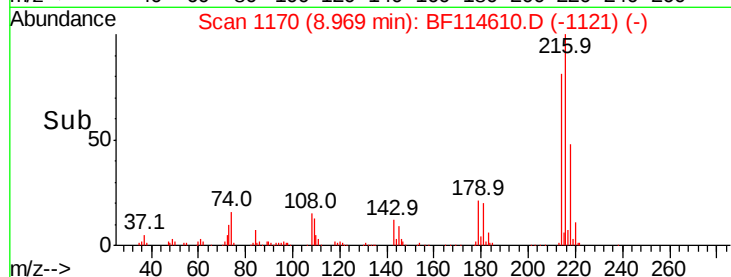
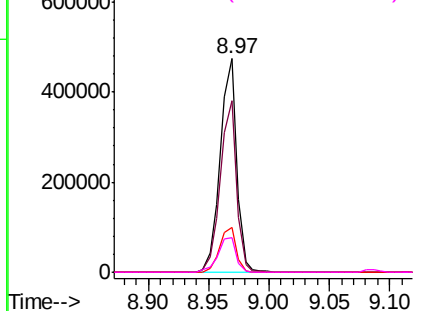
Tot Ion	Ratio	Resp	Lower	Upper
216	100	443880		
214	79.4	63.9	95.9	
179	21.2	17.0	25.6	
108	17.9	14.8	22.2	

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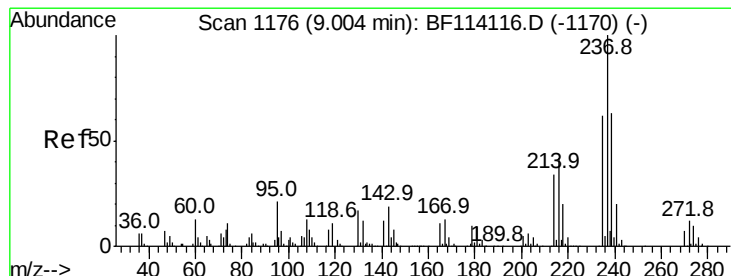


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

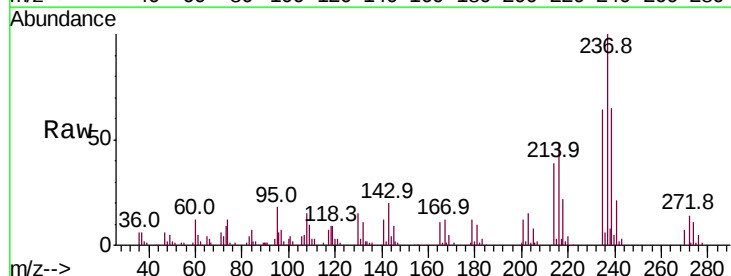
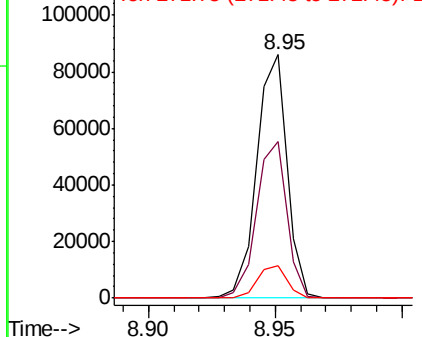


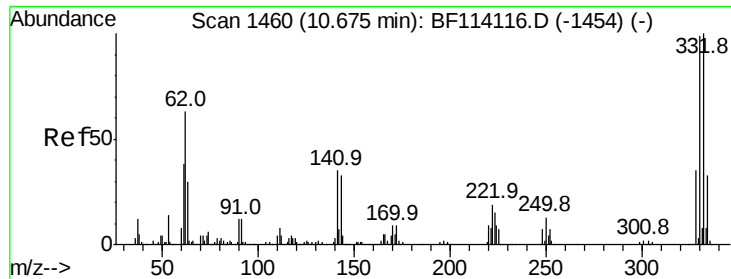
#41
 Hexachlorocyclopentadiene
 Concen: 18.688 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	72563		
235	64.5	42.0	82.0	
272	13.5	0.0	32.4	



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





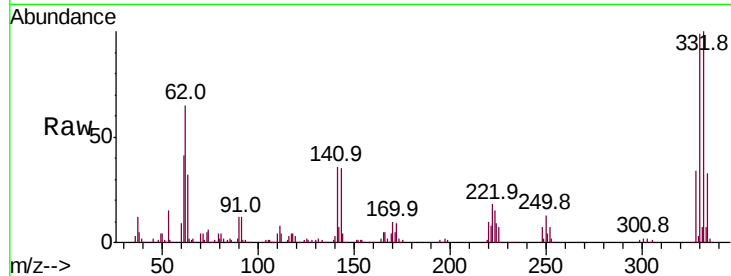
#42
 2,4,6-Tribromophenol
 Concen: 121.111 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleID :
 PB119943BS

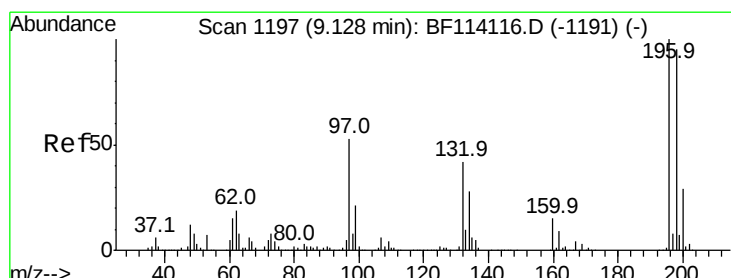
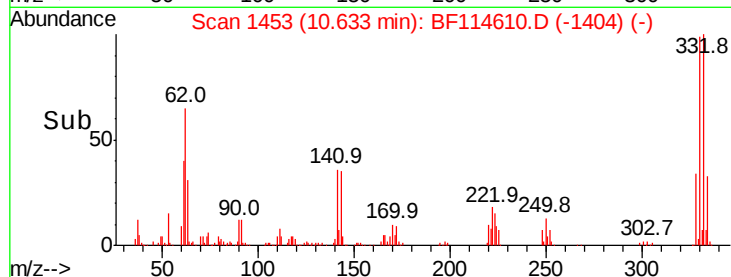
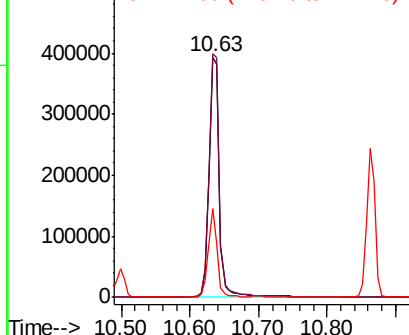
Tot Ion	Ratio	Resp	Lower	Upper
330	100	423969		
332	101.5		81.4	122.2
141	32.4		26.6	40.0

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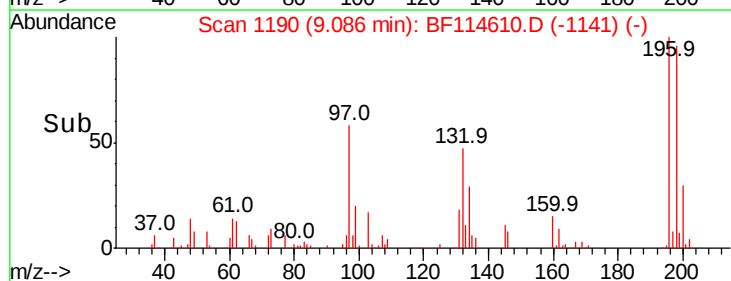
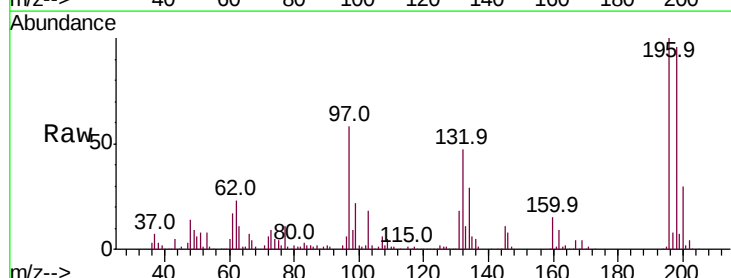
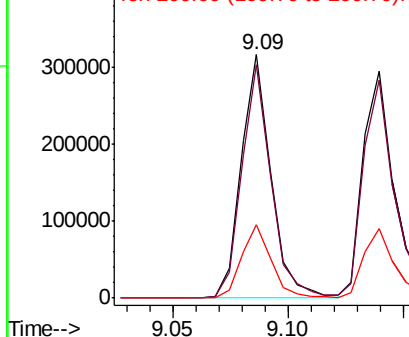
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

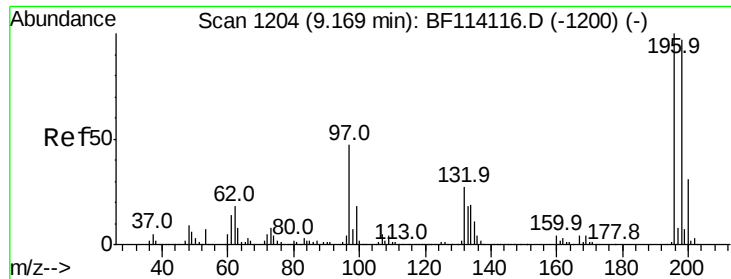


#43
 2,4,6-Trichlorophenol
 Concen: 40.456 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285425		
198	95.7		75.9	113.9
200	29.9		23.5	35.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





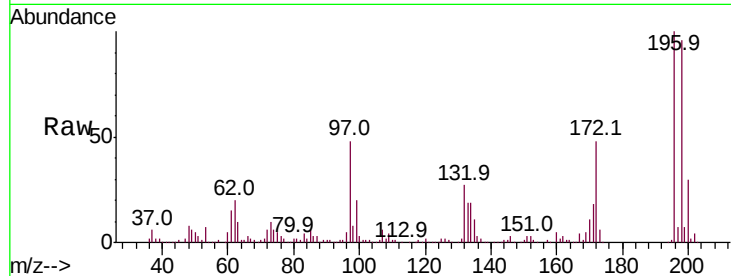
#44
 2,4,5-Trichlorophenol
 Concen: 41.937 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303437		
198	95.9		77.7	116.5
97	48.2		38.2	57.2
132	27.2		21.4	32.2

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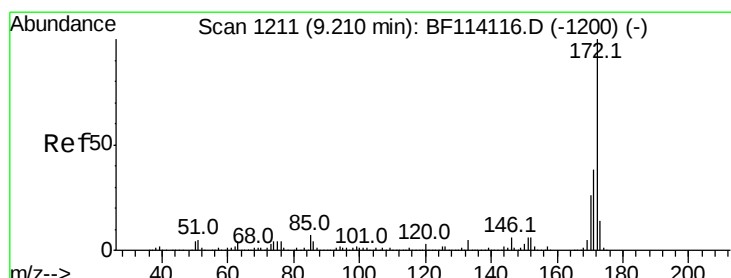
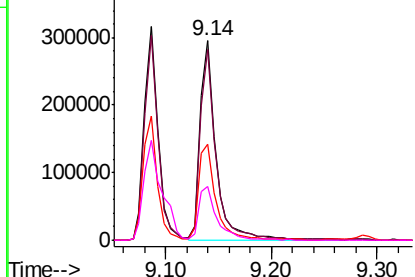
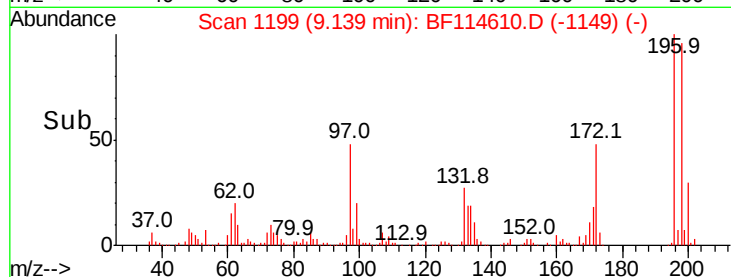
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

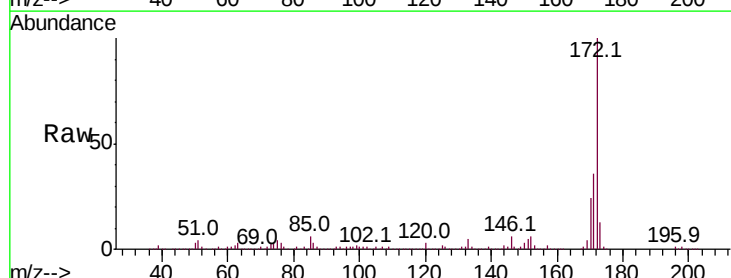
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.969 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1678180		
171	35.6		30.7	46.1
170	23.6		20.5	30.7

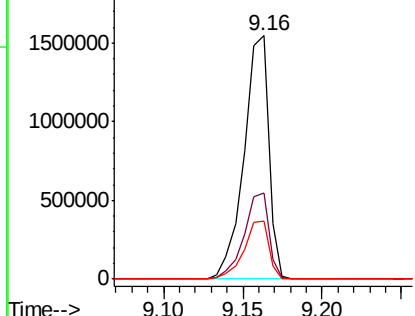
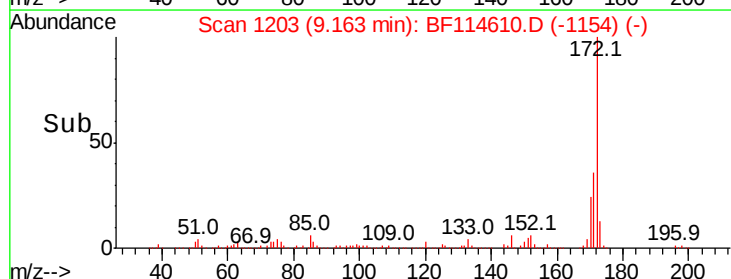


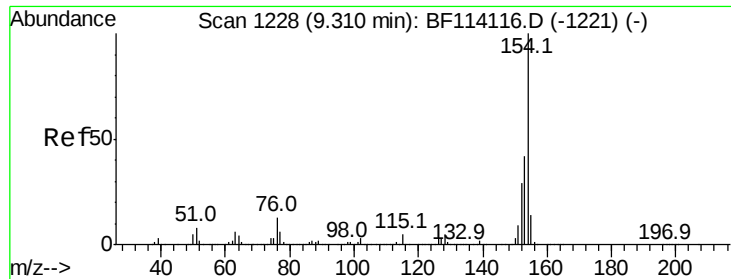
Abundance

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





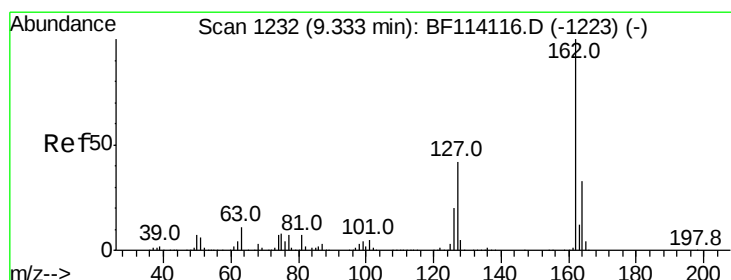
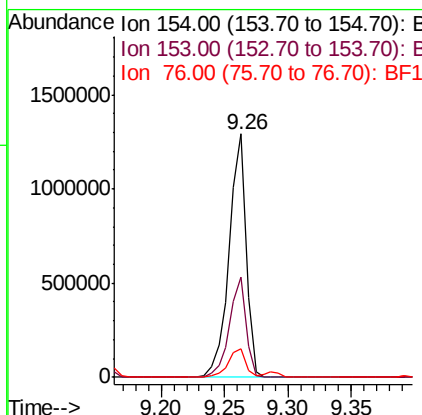
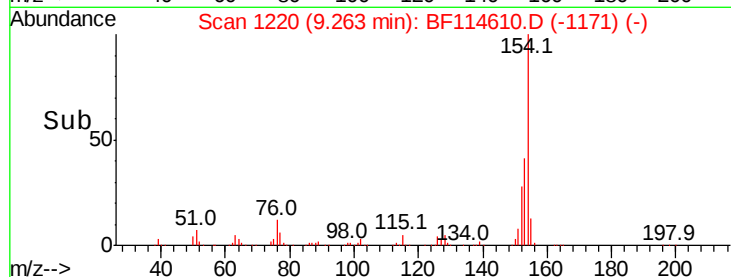
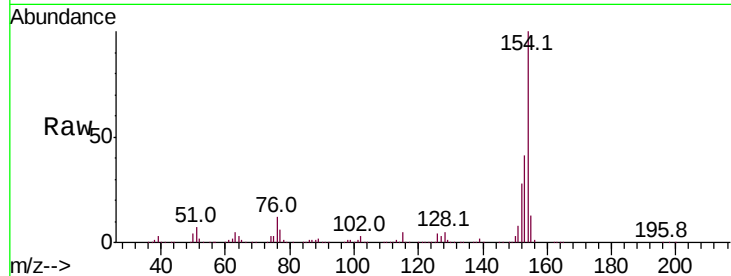
#46
 1,1'-Biphenyl
 Concen: 43.822 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	11.9	0.0	32.8

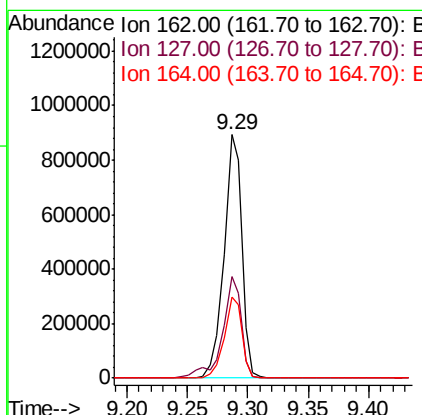
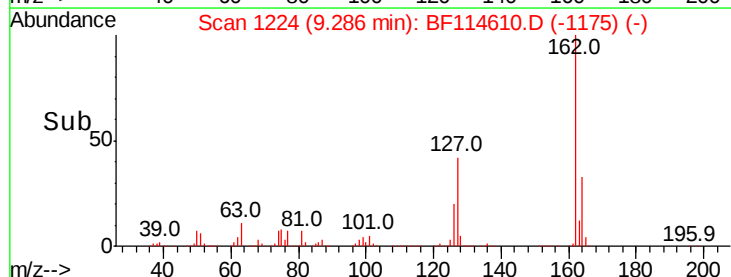
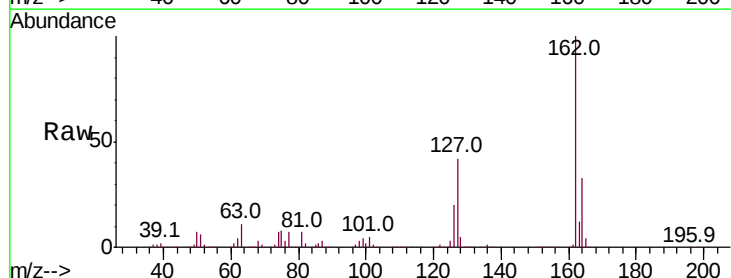
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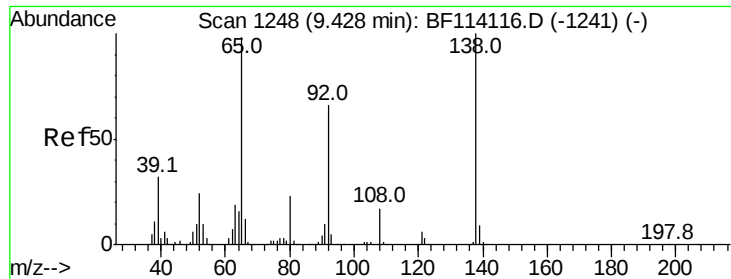
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#47
 2-Chloronaphthalene
 Concen: 41.279 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.1	26.7	40.1





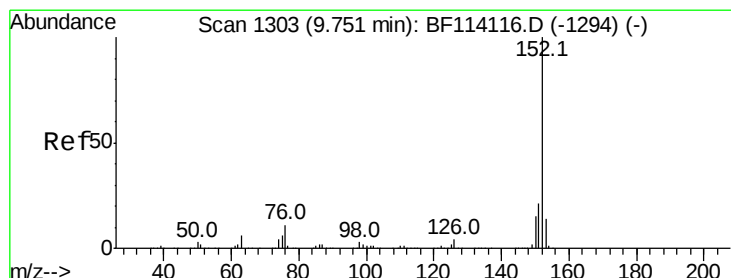
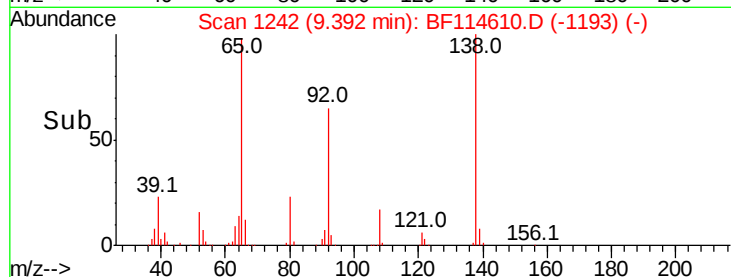
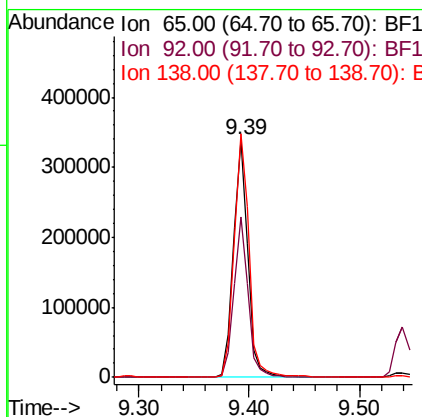
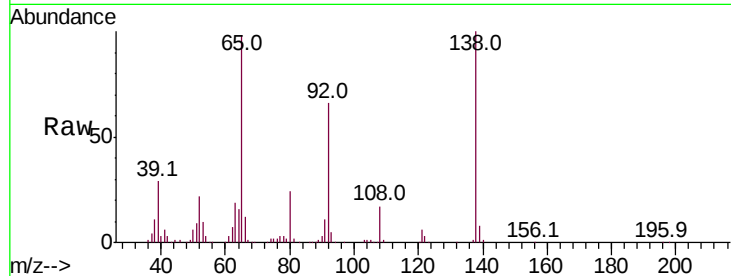
#48
2-Nitroaniline
Concen: 39.876 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.9	80.9
138	102.4	81.4	122.0

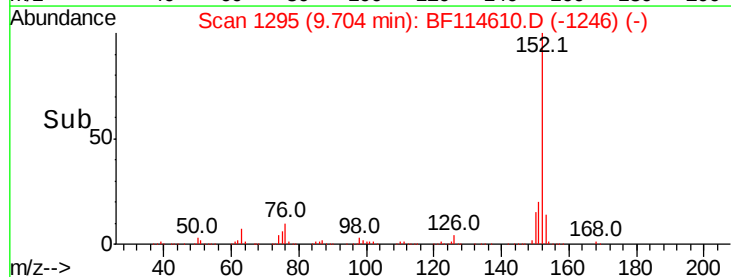
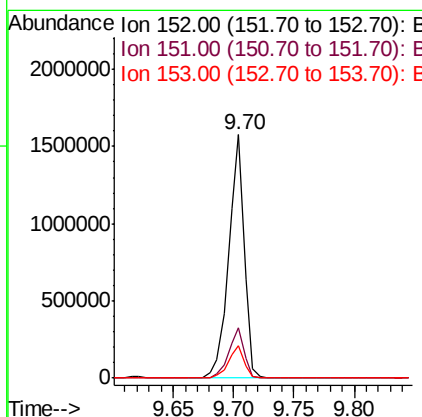
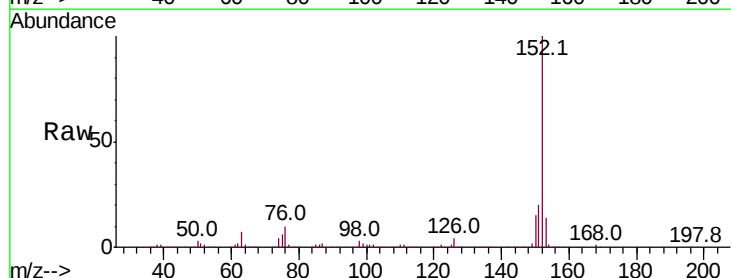
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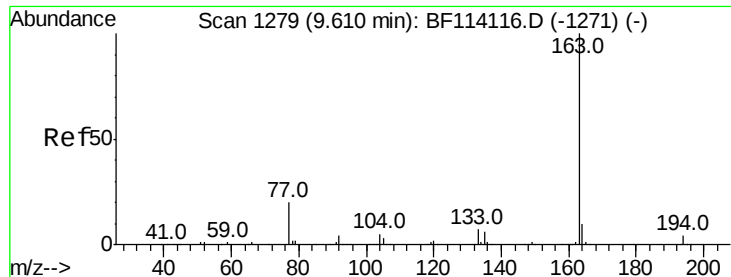
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#49
Acenaphthylene
Concen: 41.950 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.5	11.4	17.2





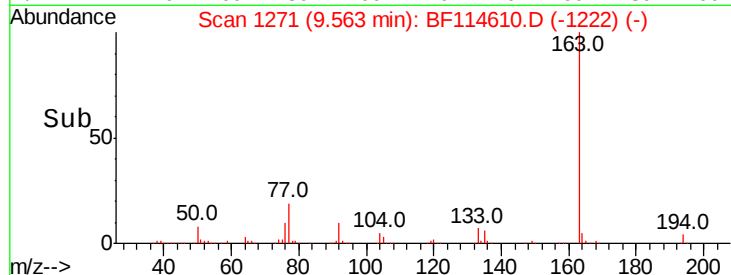
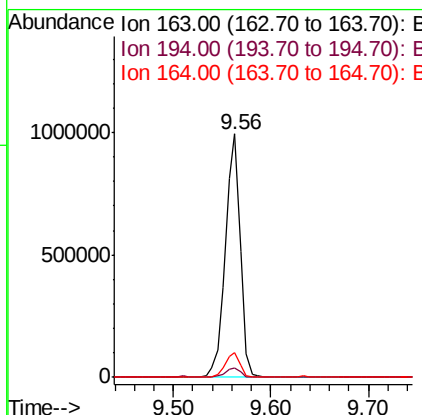
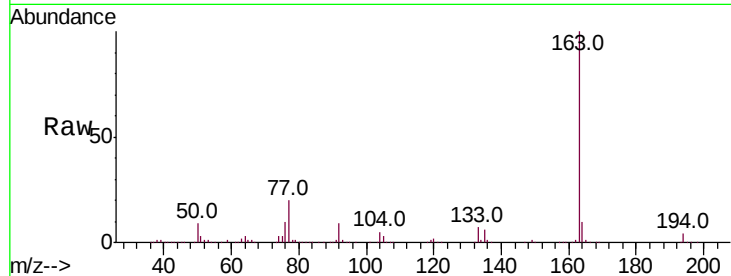
#50
Dimethylphthalate
Concen: 42.229 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.2	12.2

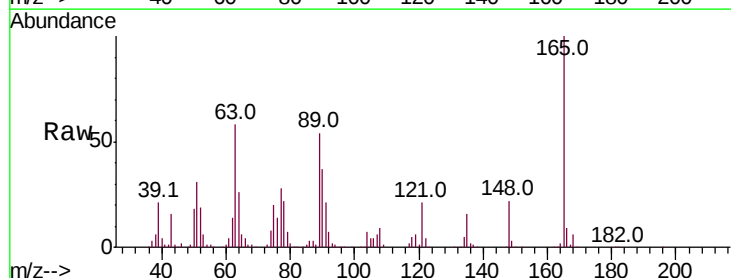
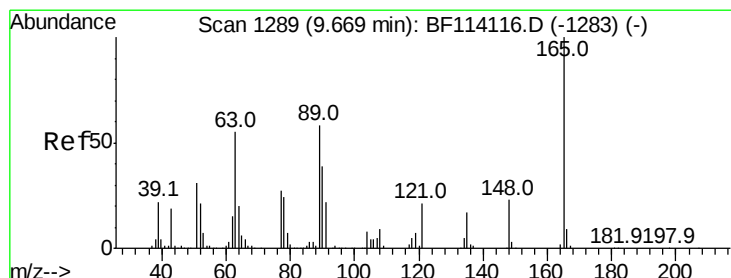
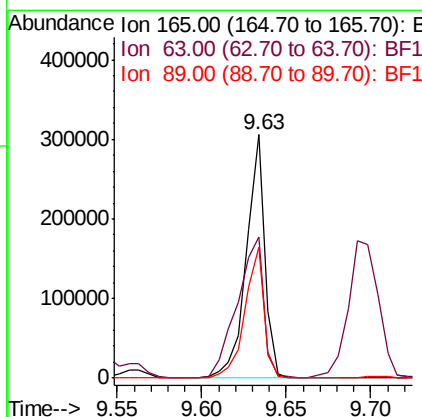
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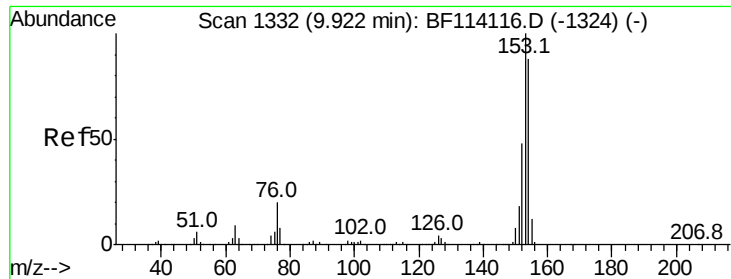
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#51
2,6-Dinitrotoluene
Concen: 42.866 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	50.2	75.4
89	53.8	46.6	69.8





#52

Acenaphthene

Concen: 41.514 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

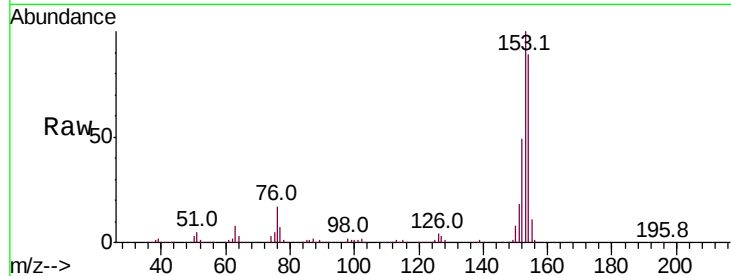
ClientSampled :

PB119943BS

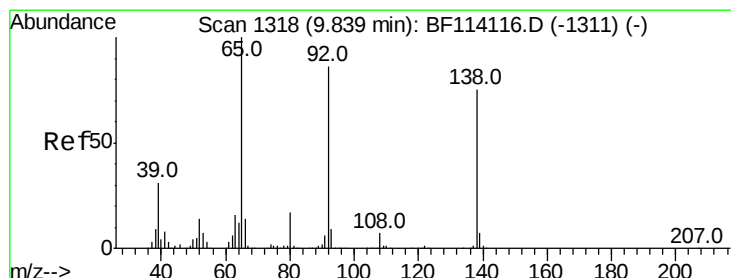
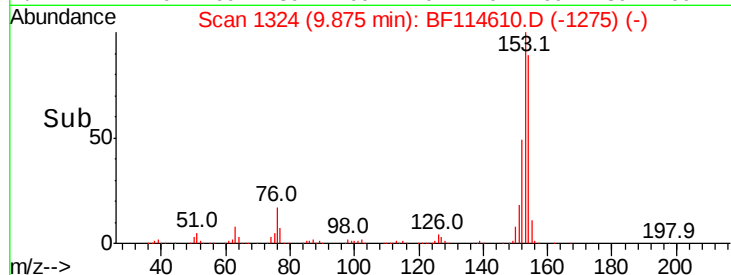
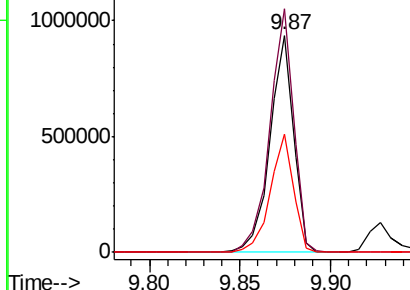
Tot Ion:	154	Resp:	852998
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.5	135.7
152	54.3	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 23.815 ng

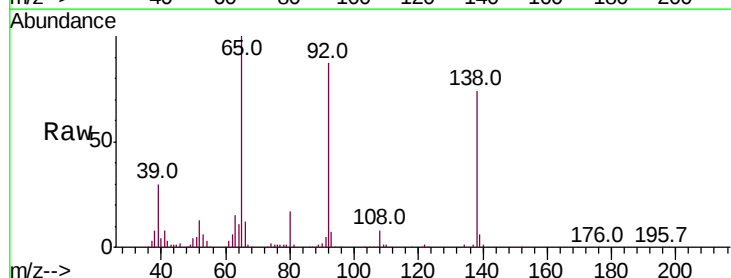
RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

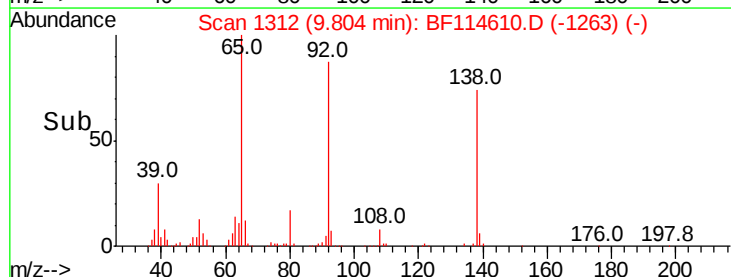
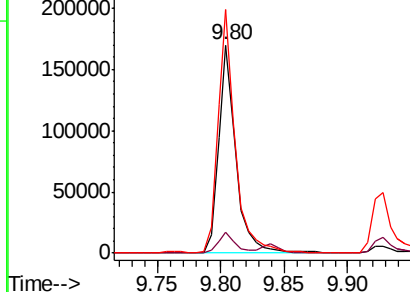
Lab File: BF114610.D

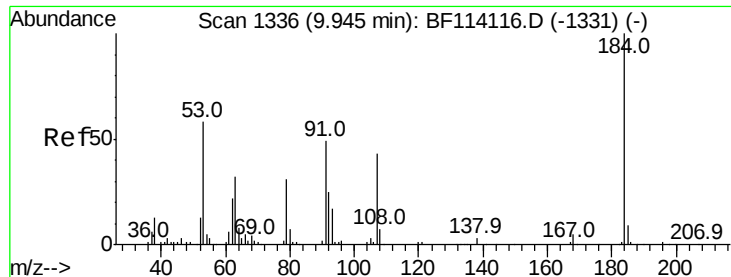
Acq: 25 May 2019 18:05

Tgt Ion:	138	Resp:	162985
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	117.2	91.2	136.8



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





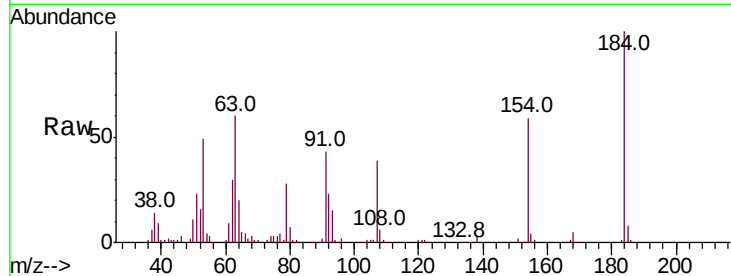
#54
2,4-Dinitrophenol
Concen: 81.778 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227166		
63	60.4	55.6	83.4	
154	58.5	46.0	69.0	

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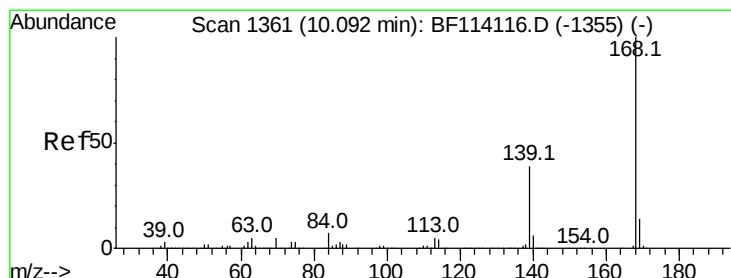
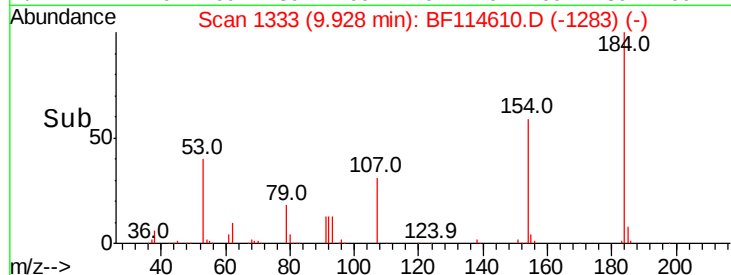
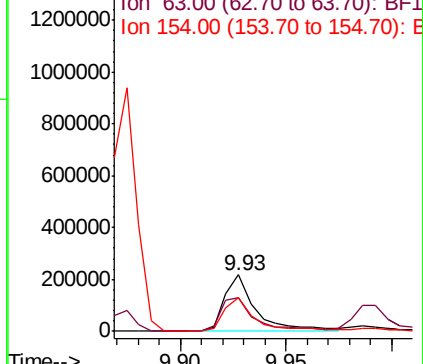


Abundance

Ion 184.00 (183.70 to 184.70): E

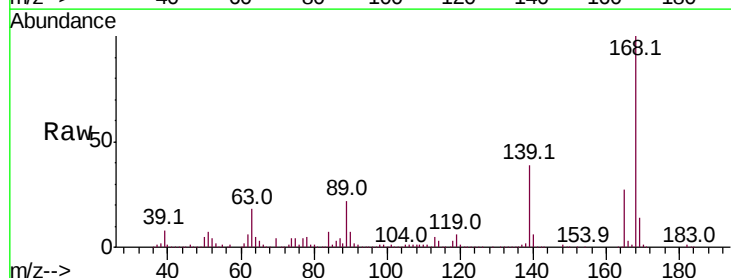
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 40.428 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1218061		
139	39.0	31.1	46.7	
169	13.7	11.4	17.0	

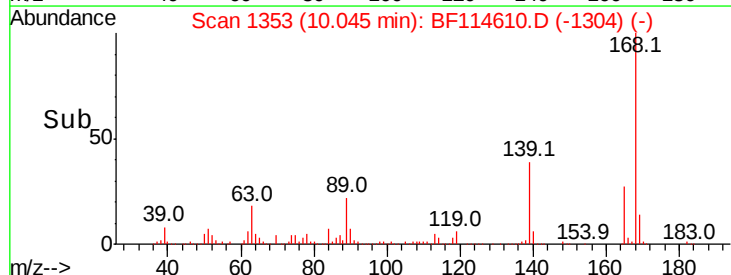
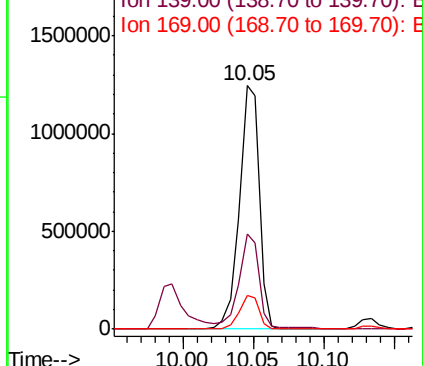


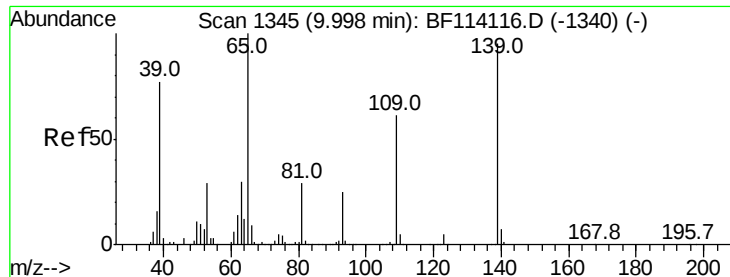
Abundance

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





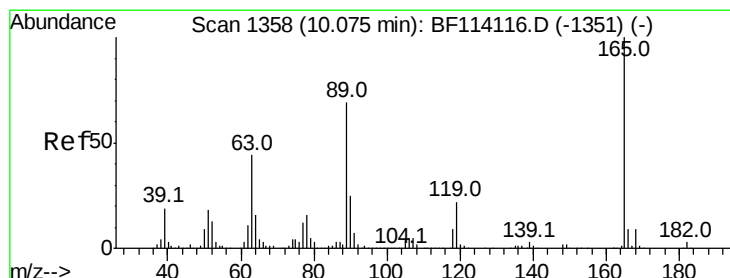
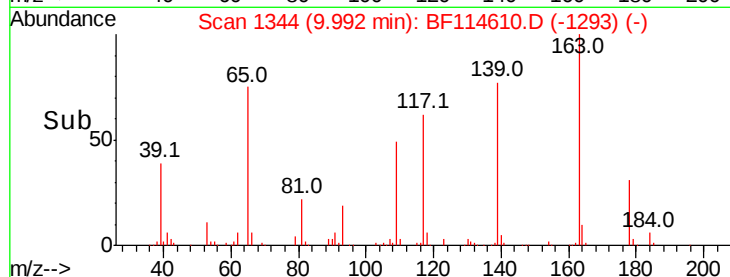
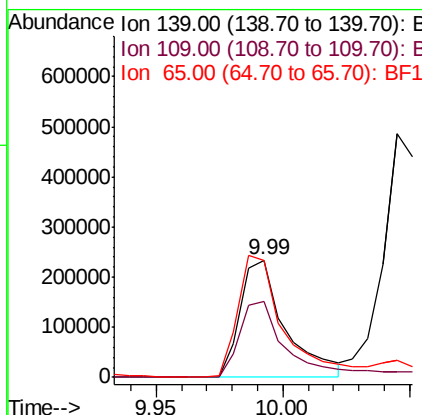
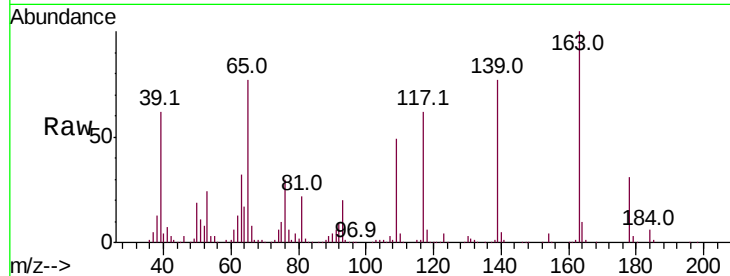
#56
4-Nitrophenol
Concen: 59.825 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	289550		
109	64.3	43.9	83.9	
65	100.4	85.7	125.7	

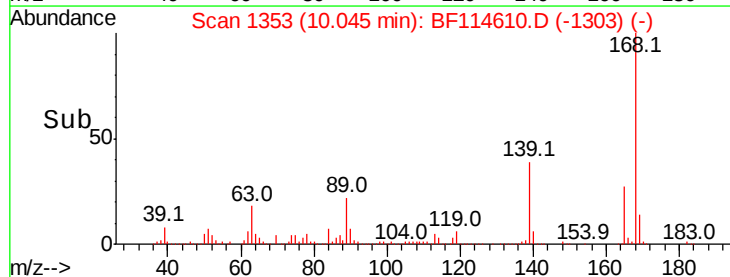
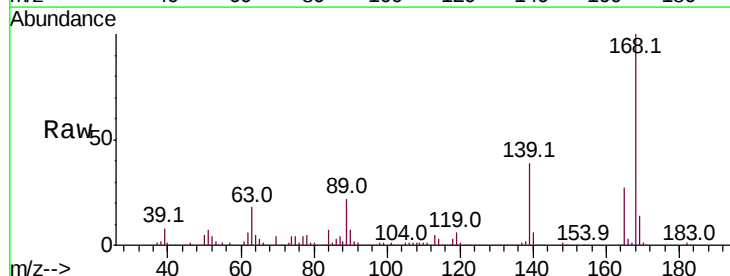
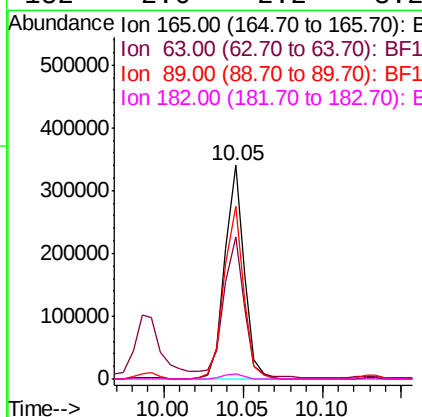
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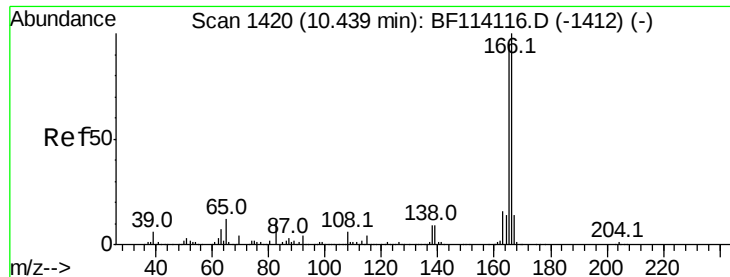
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#57
2,4-Dinitrotoluene
Concen: 38.396 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	287324		
63	66.7	35.5	53.3	#
89	81.2	55.2	82.8	
182	2.6	2.2	3.2	





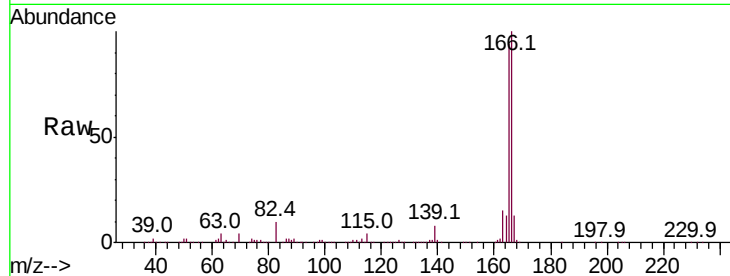
#58
 Fluorene
 Concen: 43.784 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion:	166	Resp:	1018948
Ion	Ratio	Lower	Upper
166	100		
165	93.5	76.1	114.1
167	13.0	11.1	16.7

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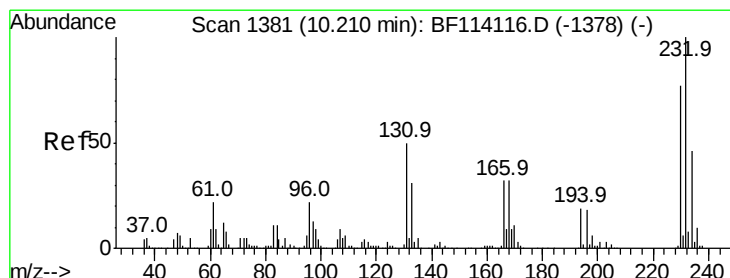
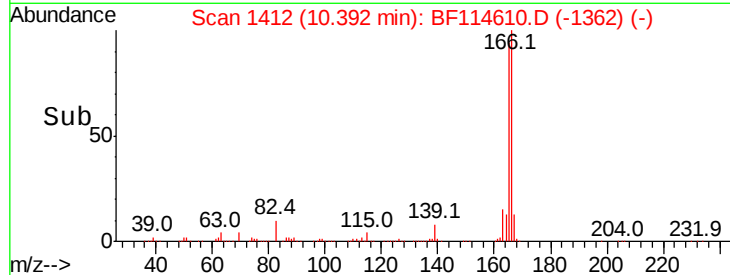
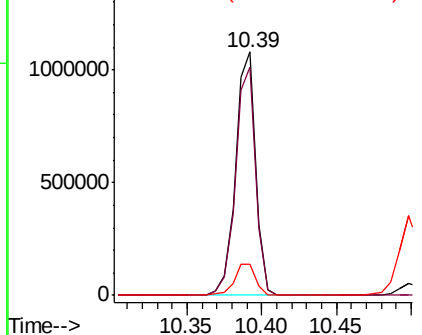


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.724 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:	232	Resp:	266726
Ion	Ratio	Lower	Upper
232	100		
131	41.8	35.6	53.4
130	2.2	1.6	2.4
166	29.3	24.1	36.1

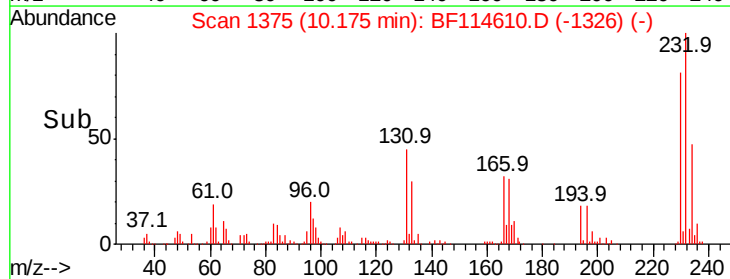
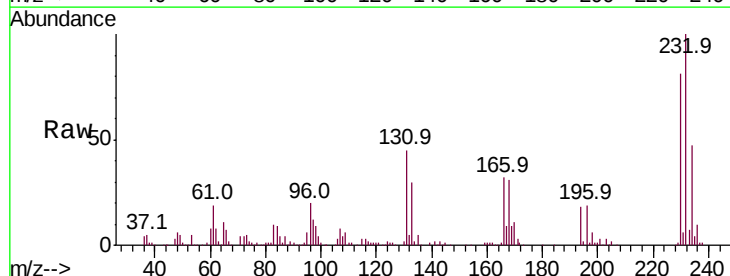
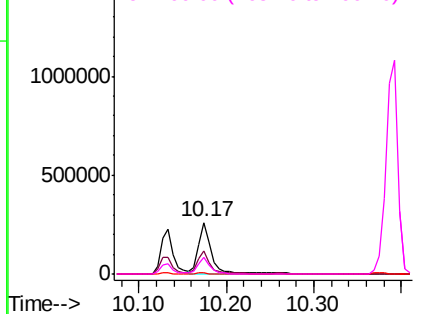
Abundance

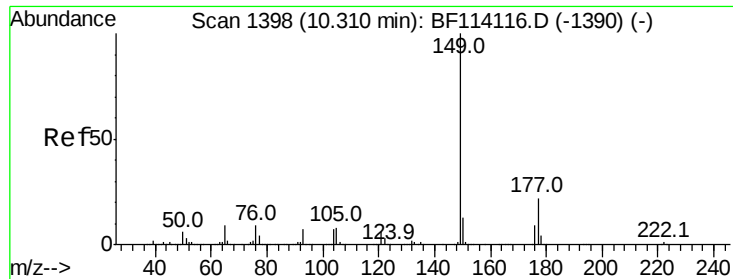
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





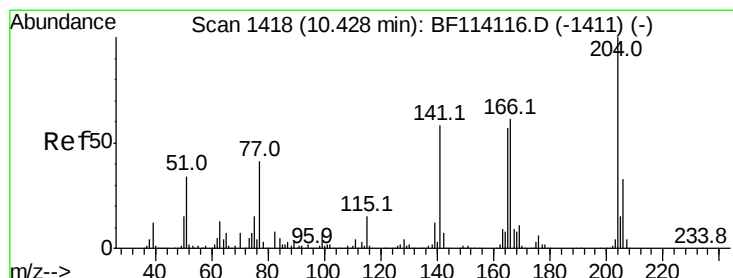
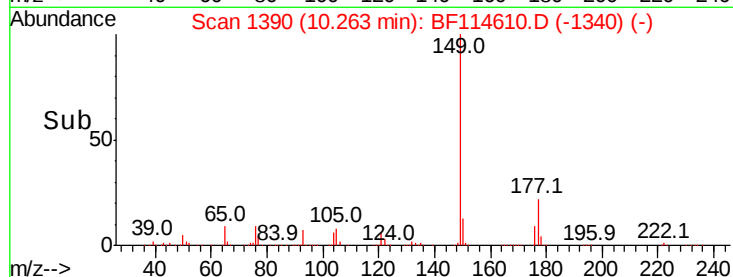
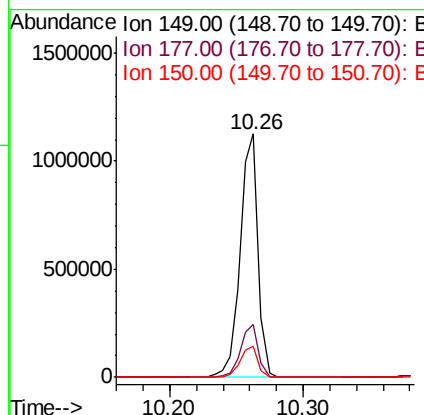
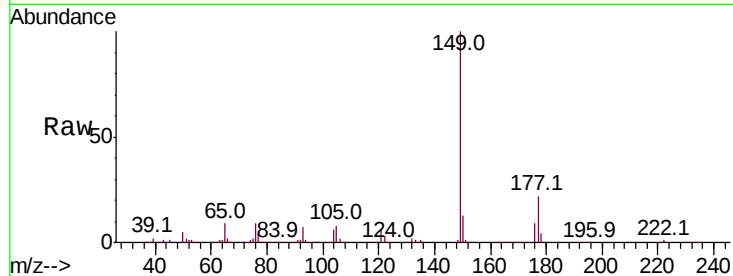
#60
Diethylphthalate
Concen: 41.541 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	12.7	10.2	15.2

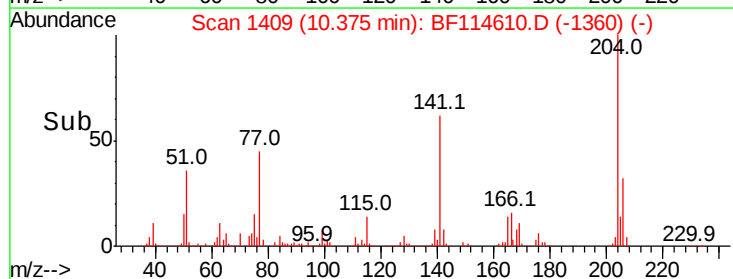
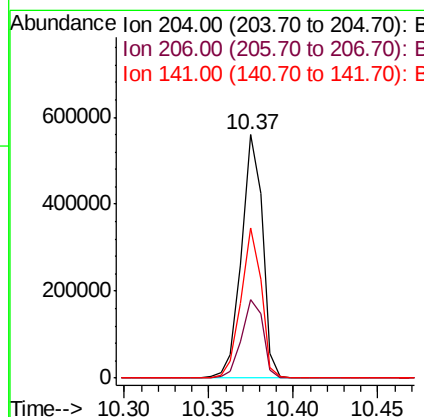
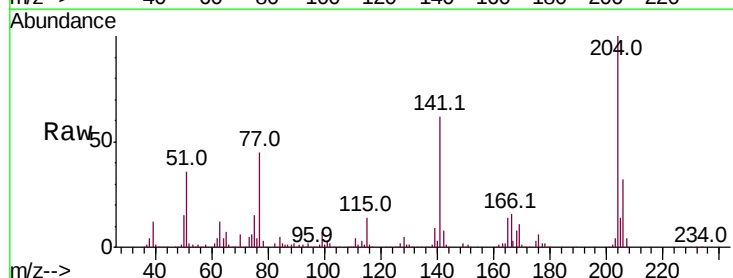
Manual Integrations
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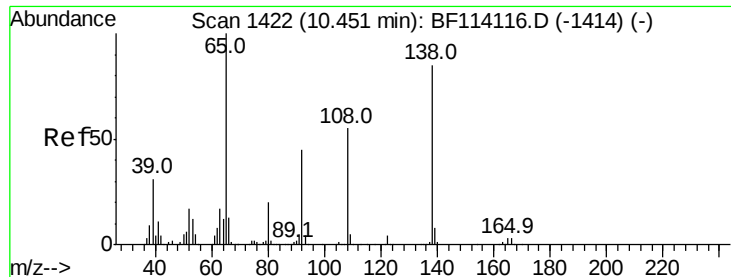
mohammad
5/27/2019 3:50:02 AM



#61
4-Chlorophenyl-phenylether
Concen: 42.636 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	61.7	46.4	69.6





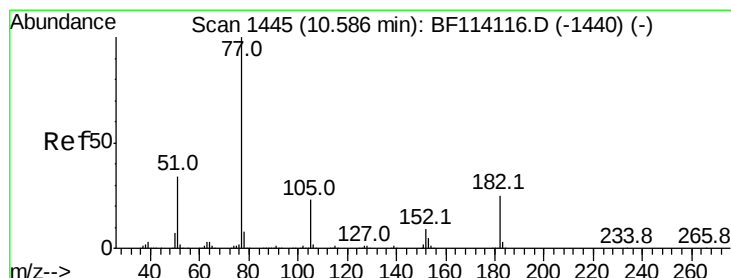
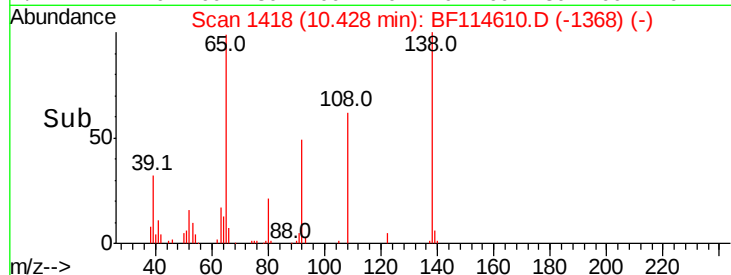
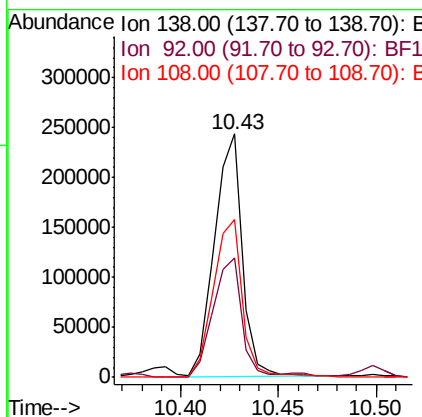
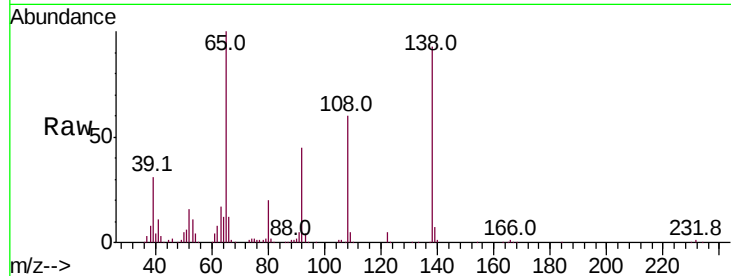
#62
4-Nitroaniline
Concen: 33.302 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	239496		
92	49.1	33.0	73.0	
108	64.6	44.9	84.9	

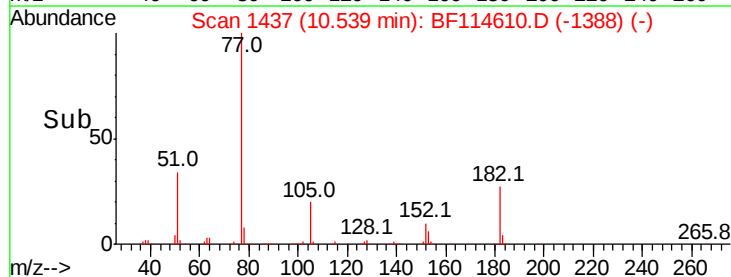
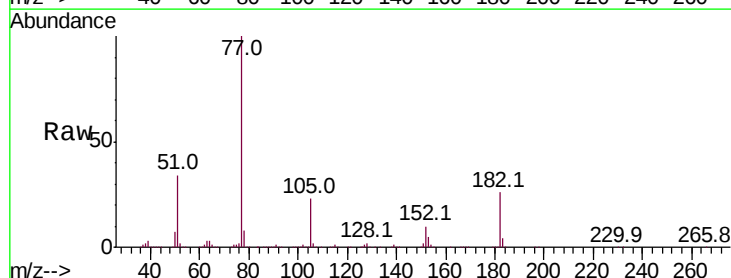
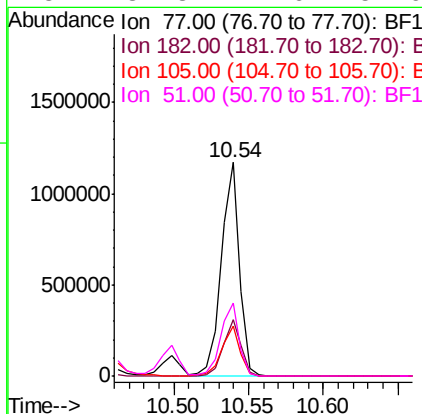
Manual Integrations
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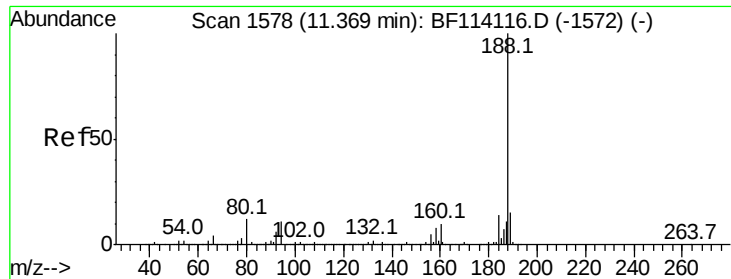
mohammad
5/27/2019 3:50:02 AM



#63
Azobenzene
Concen: 41.098 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1004728		
182	26.1	4.7	44.7	
105	23.2	2.9	42.9	
51	34.3	14.6	54.6	





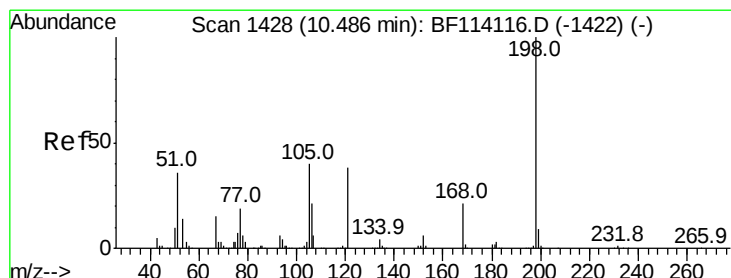
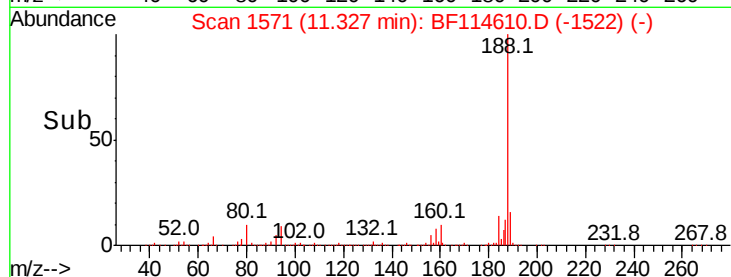
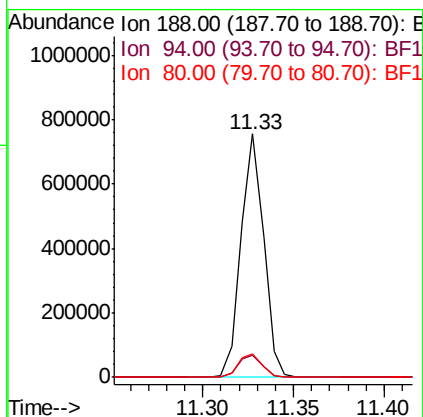
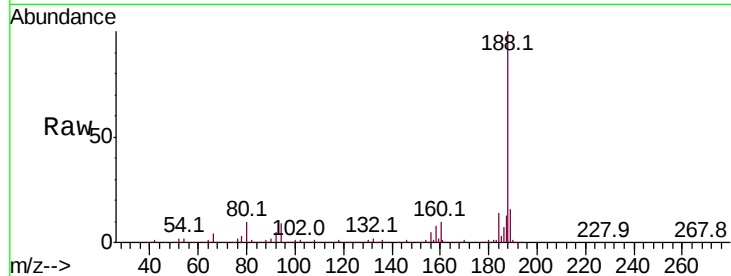
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampled :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	663028		
94	9.2		8.4	12.6
80	9.6		9.2	13.8

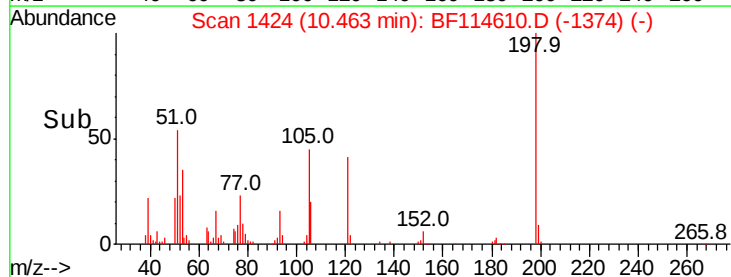
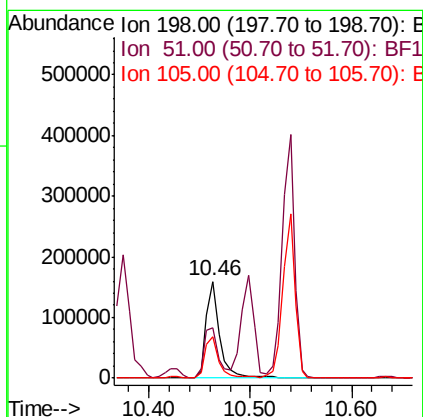
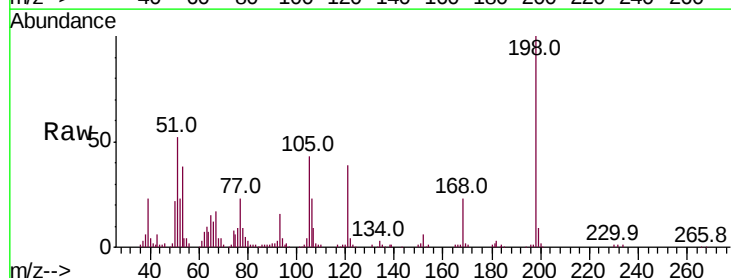
Manual Integrations
APPROVED

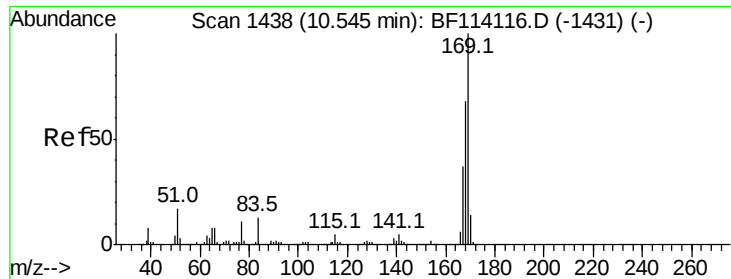
mohammad
5/27/2019 3:50:02 AM



#65
4,6-Dinitro-2-methylphenol
Concen: 47.267 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	150588		
51	51.7		28.0	68.0
105	43.3		21.1	61.1





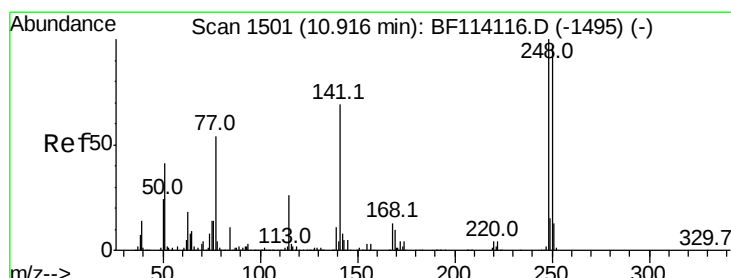
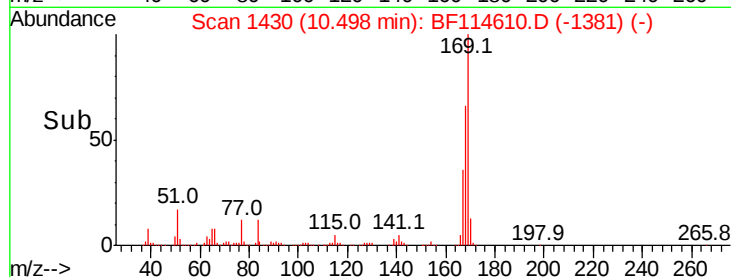
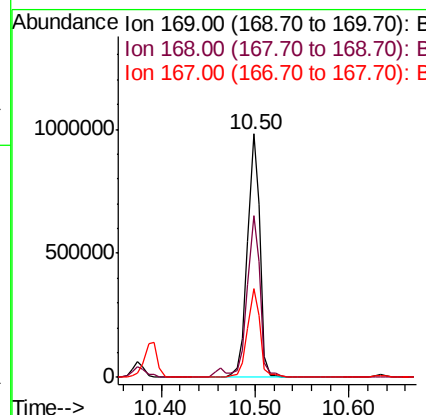
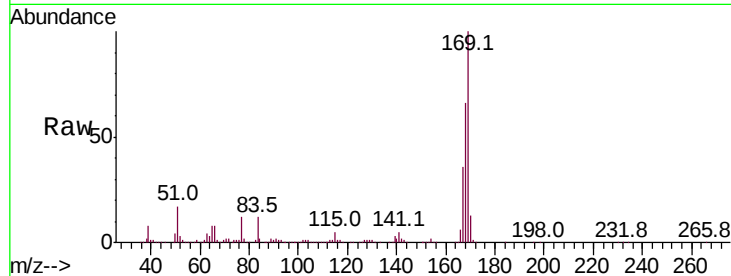
#66
n-Nitrosodiphenylamine
Concen: 44.811 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampled :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.5	54.2	81.2	
167	36.3	29.8	44.8	

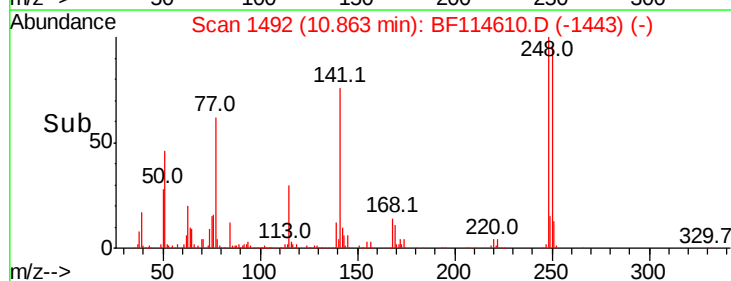
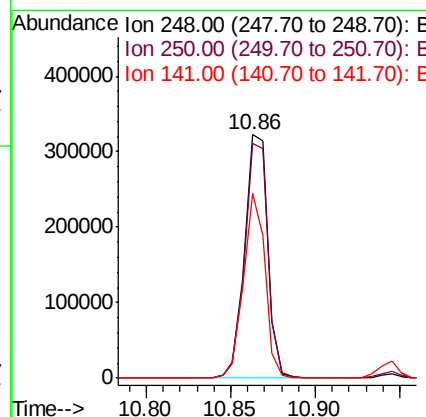
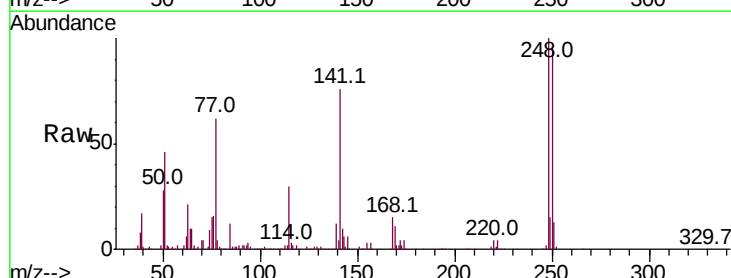
Manual Integrations
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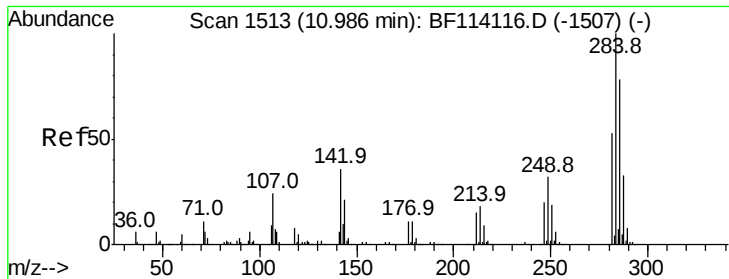
mohammad
5/27/2019 3:50:02 AM



#67
4-Bromophenyl-phenylether
Concen: 42.291 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.5	77.4	116.2	
141	75.8	55.6	83.4	





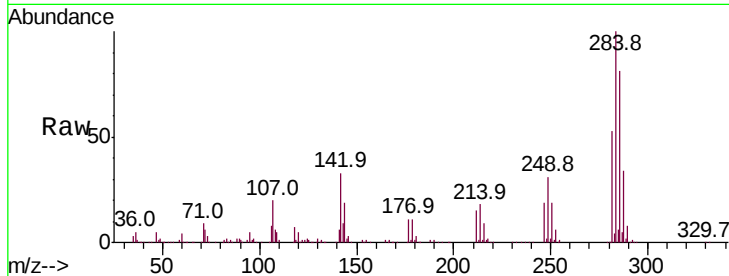
#68
Hexachlorobenzene
Concen: 40.274 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

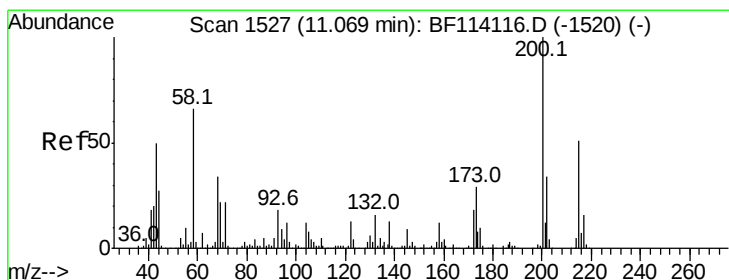
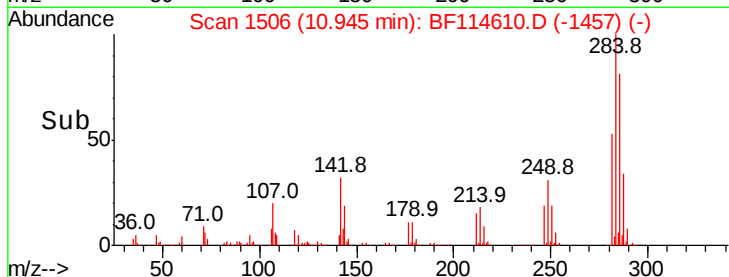
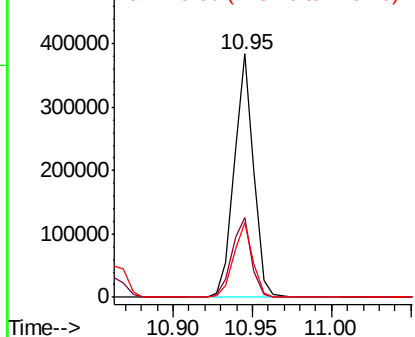
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.6	28.4	42.6	
249	30.8	25.2	37.8	

Manual Integrations
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mohammad
5/27/2019 3:50:02 AM

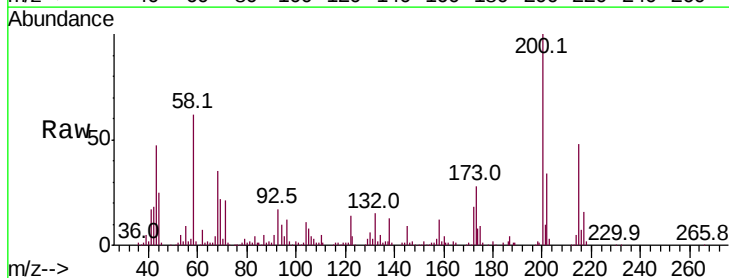


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

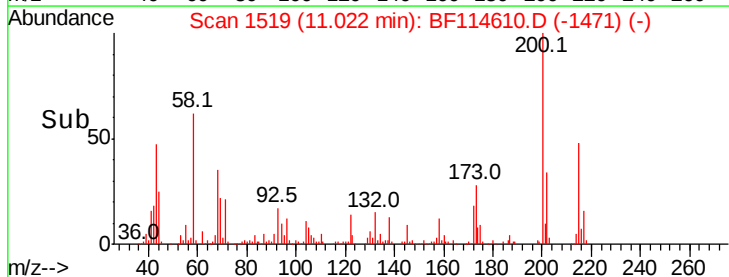
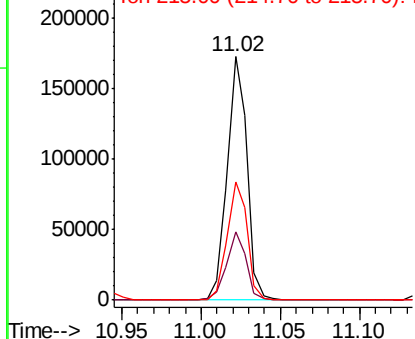


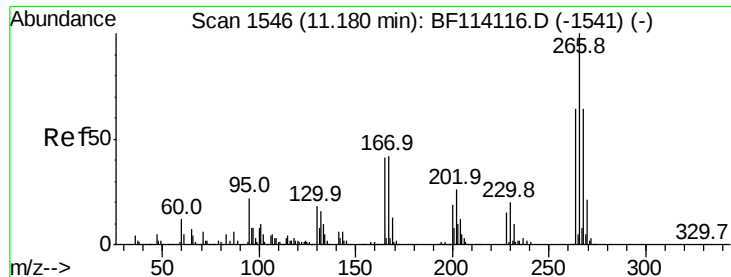
#69
Atrazine
Concen: 23.868 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	8.9	48.9	
215	48.3	30.7	70.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





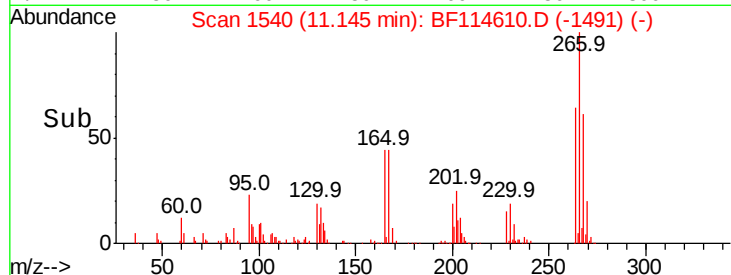
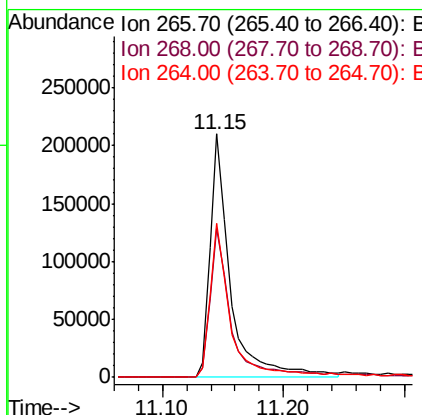
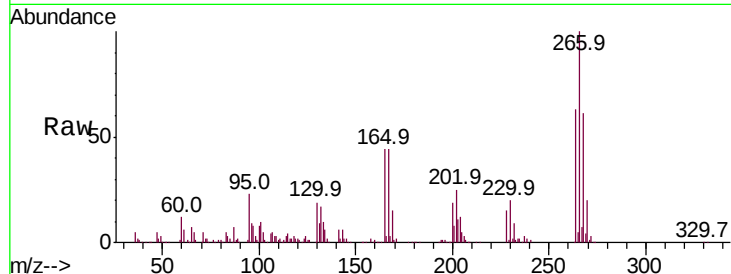
#70
 Pentachlorophenol
 Concen: 63.834 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	244380		
268	61.2		51.1	76.7
264	63.5		51.1	76.7

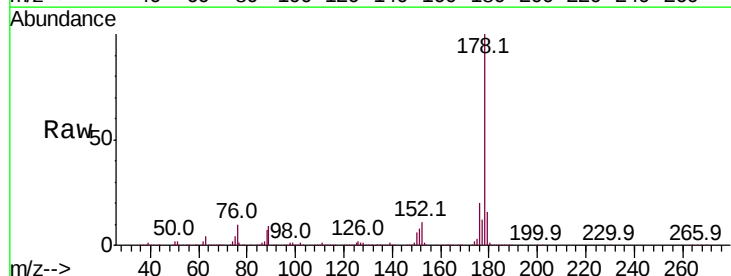
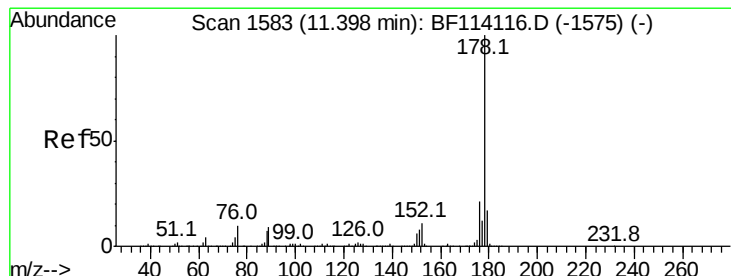
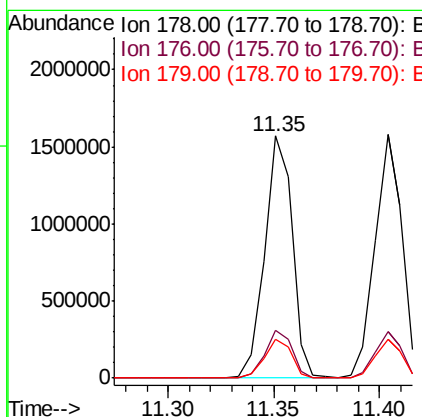
Manual Integrations
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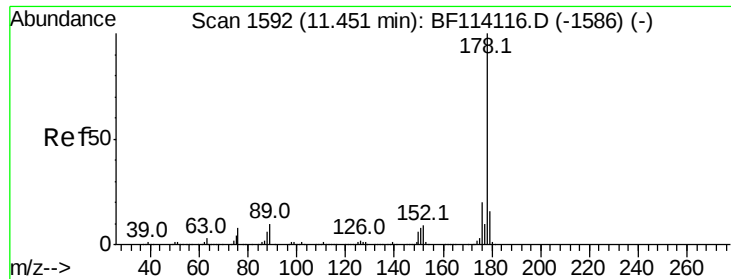
mohammad
 5/27/2019 3:50:02 AM



#71
 Phenanthrene
 Concen: 44.359 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1430898		
176	19.9		16.4	24.6
179	15.8		13.2	19.8





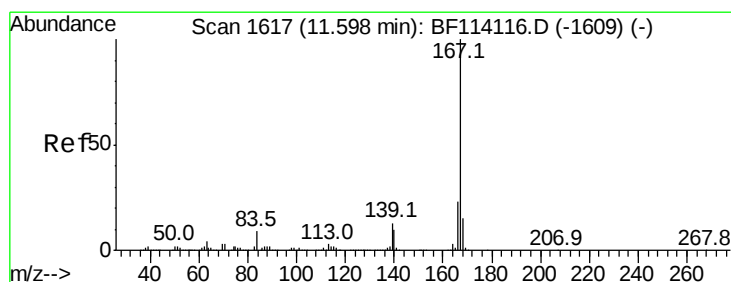
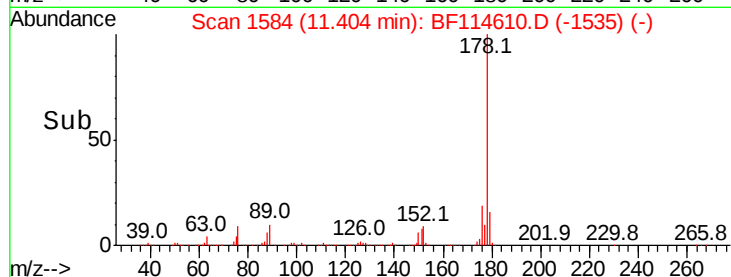
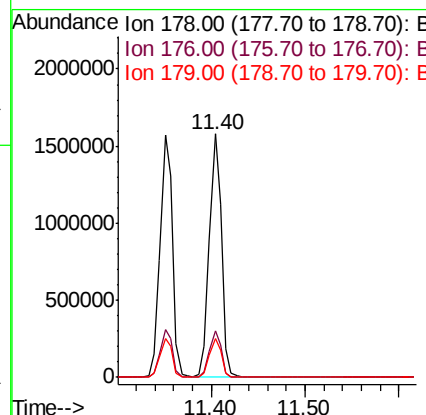
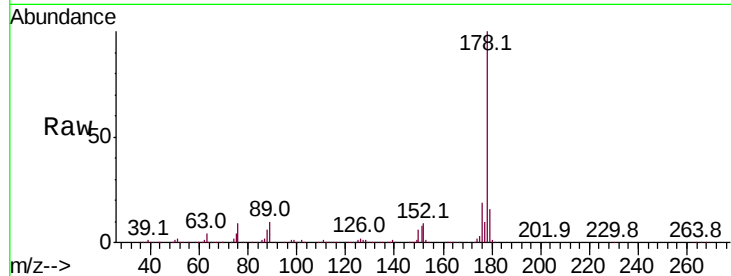
#72
 Anthracene
 Concen: 44.349 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion:178 Resp: 1436872
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 16.0 13.0 19.4

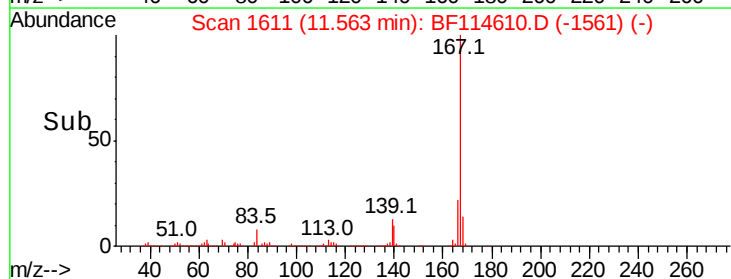
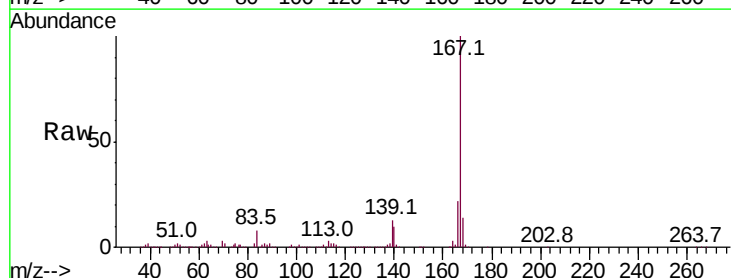
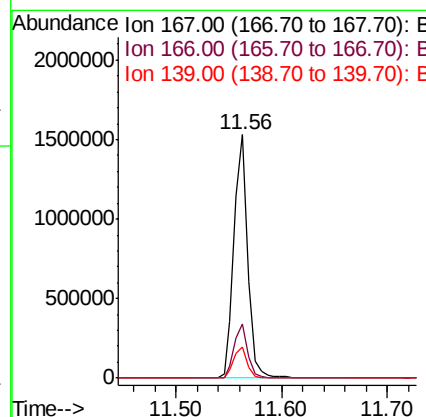
Manual Integrations
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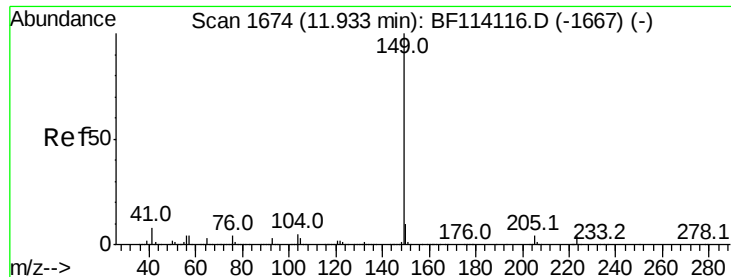
mohammad
 5/27/2019 3:50:02 AM



#73
 Carbazole
 Concen: 44.452 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion:167 Resp: 1373382
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.7 10.6 16.0





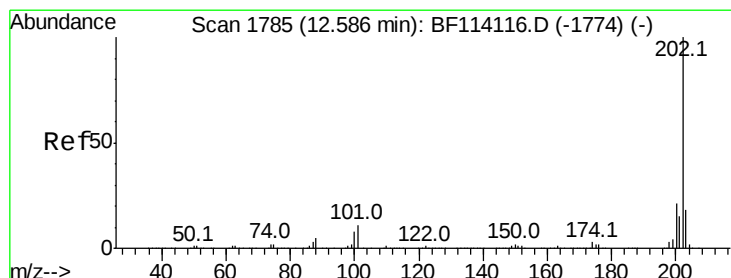
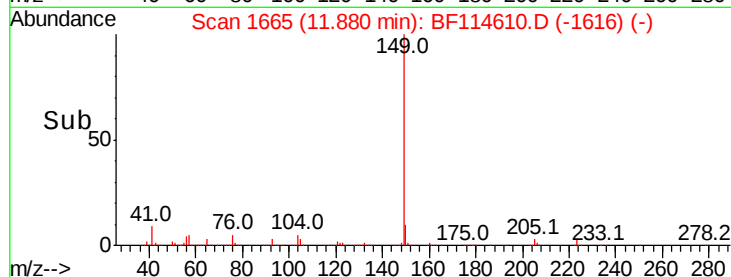
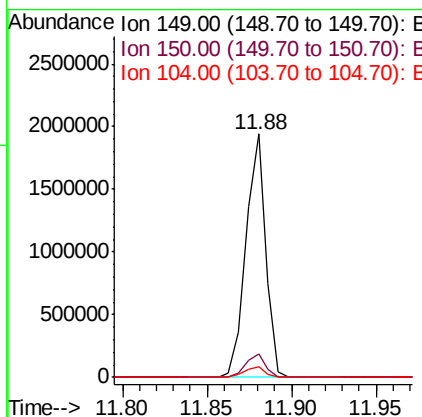
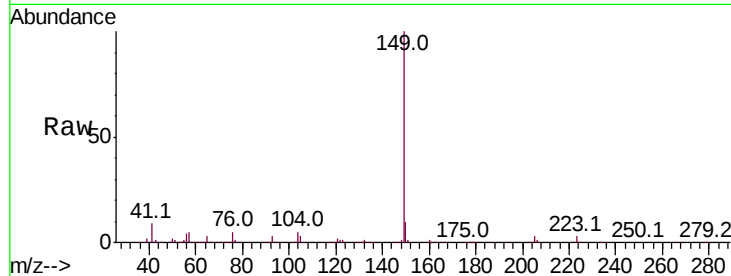
#74
Di-n-butylphthalate
Concen: 44.835 ng
RT: 11.88 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleID :
PB119943BS

Tot Ion:149 Resp: 1595879
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.6 3.6 5.4

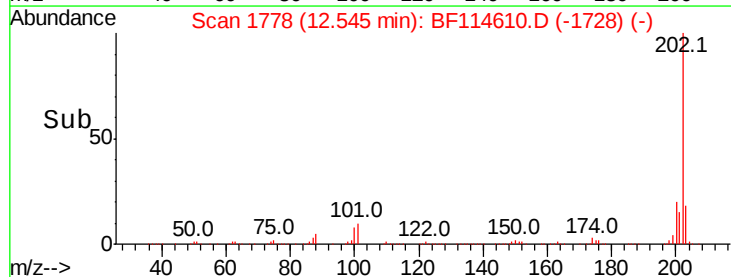
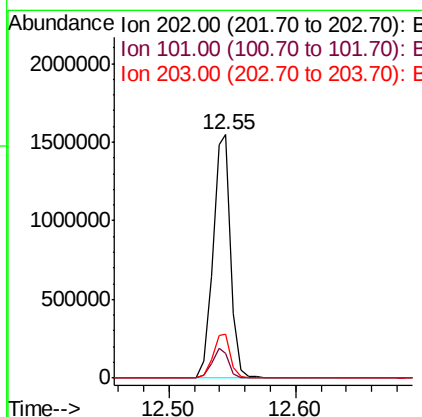
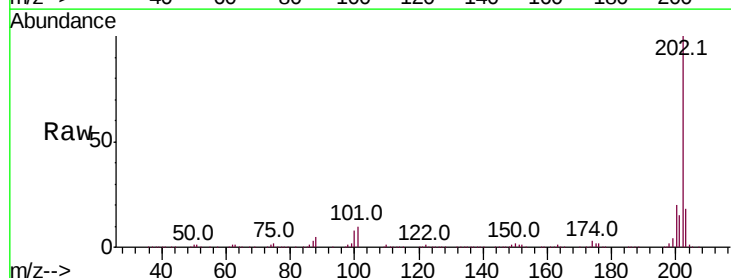
Manual Integrations
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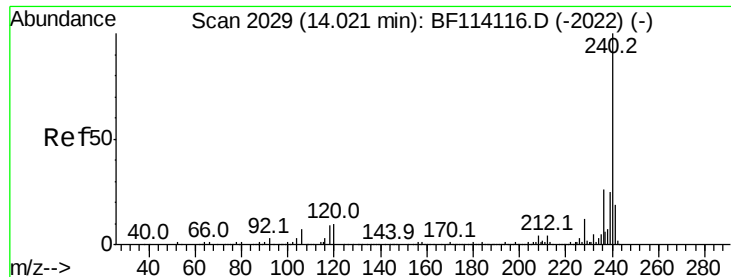
mohammad
5/27/2019 3:50:02 AM



#75
Fluoranthene
Concen: 43.707 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion:202 Resp: 1518240
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.0
203 18.1 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

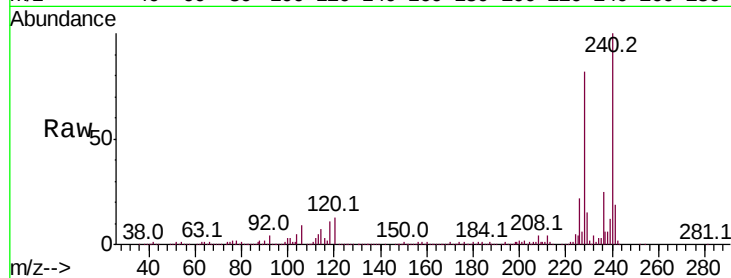
ClientSampleId :

PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.4	8.3	12.5#	
236	25.5	20.8	31.2	

Manual Integrations
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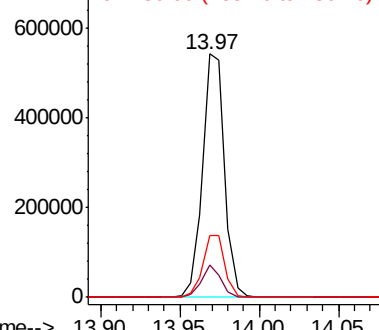
mohammad
5/27/2019 3:50:02 AM



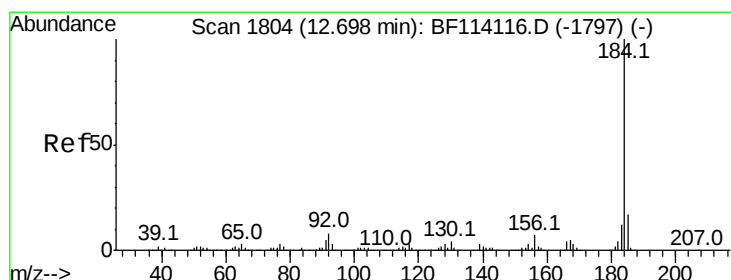
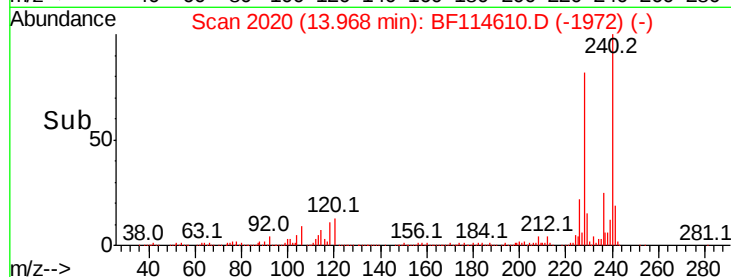
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#77

Benzidine

Concen: 5.792 ng

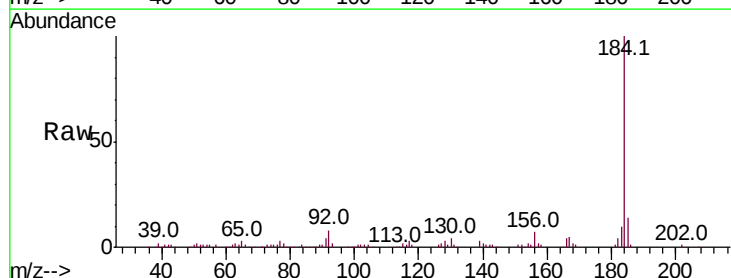
RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

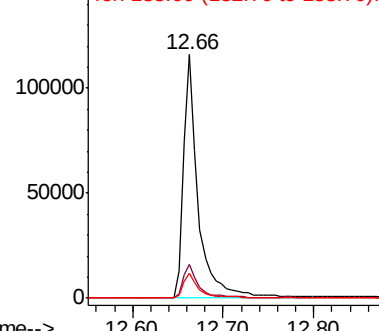
Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.0	13.6	20.4	
183	10.3	9.2	13.8	



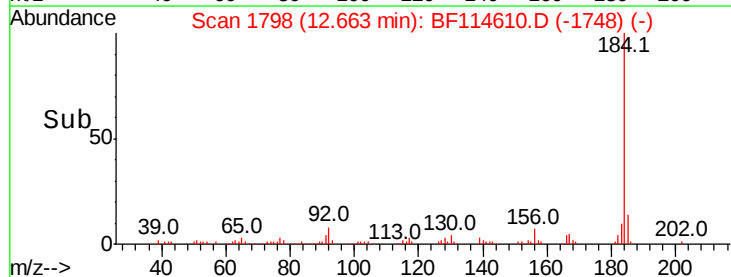
Abundance Ion 184.00 (183.70 to 184.70): E

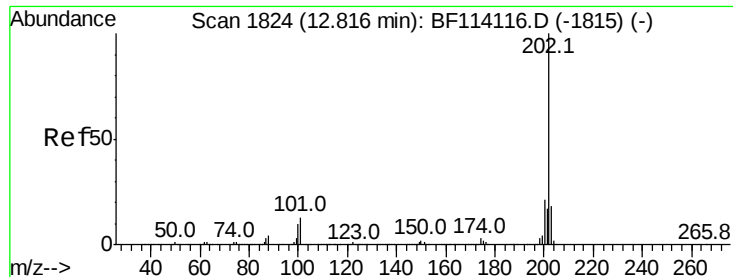
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80





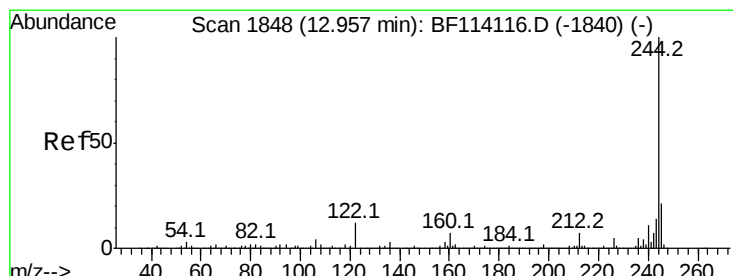
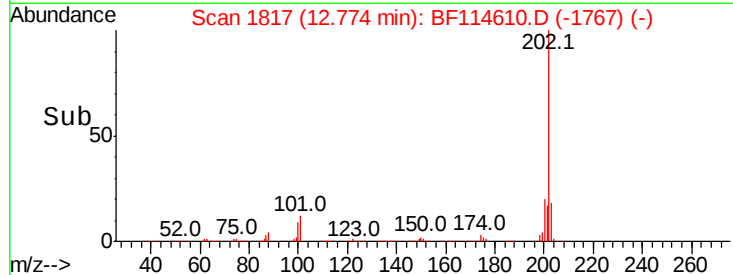
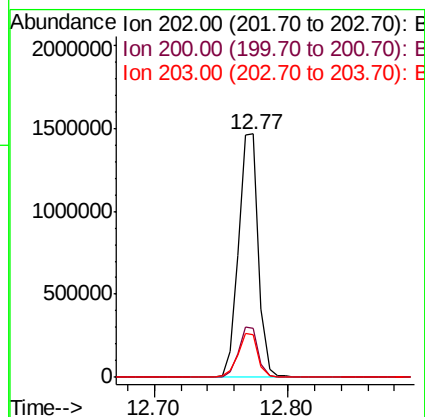
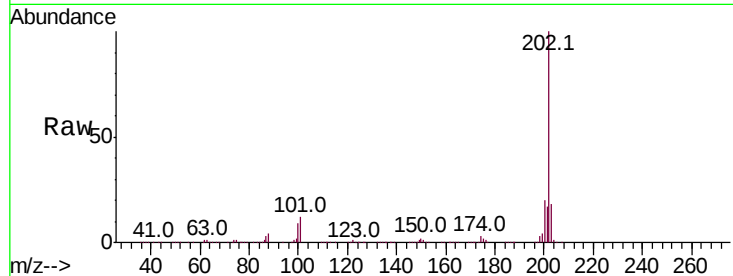
#78
Pvrene
Concen: 36.602 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.5	14.5	21.7

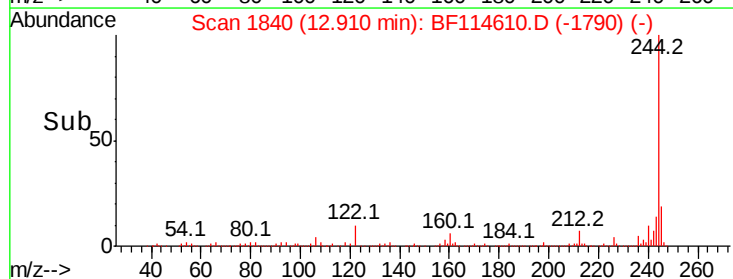
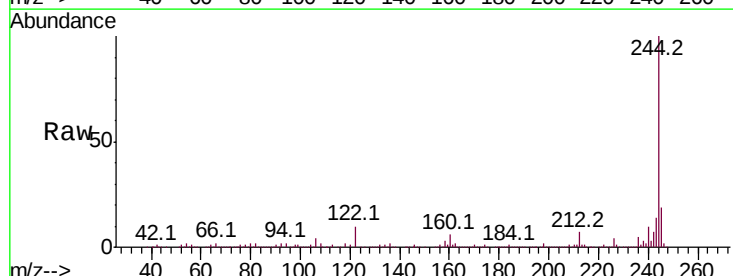
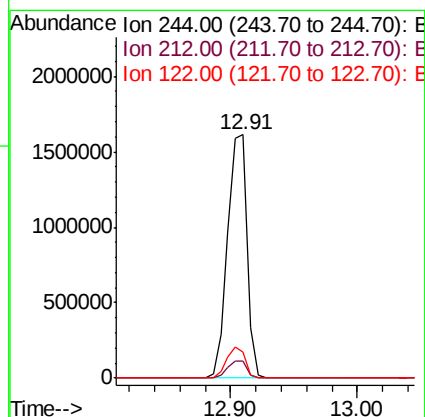
Manual Integrations
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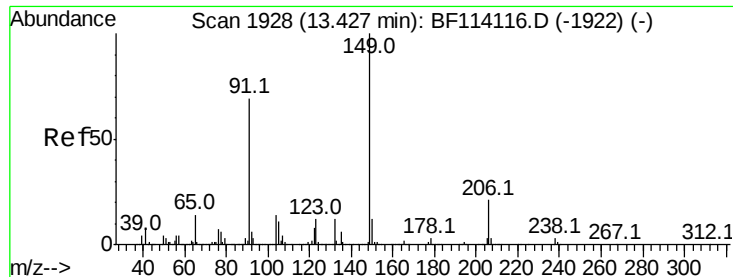
mohammad
5/27/2019 3:50:02 AM



#79
Terphenyl-d14
Concen: 68.197 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.5	9.4	14.2





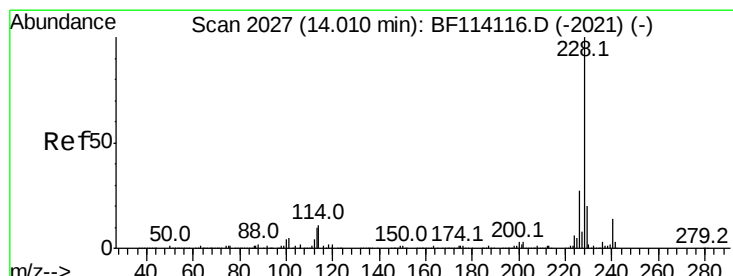
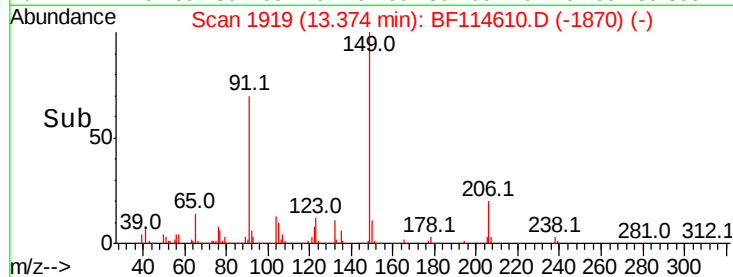
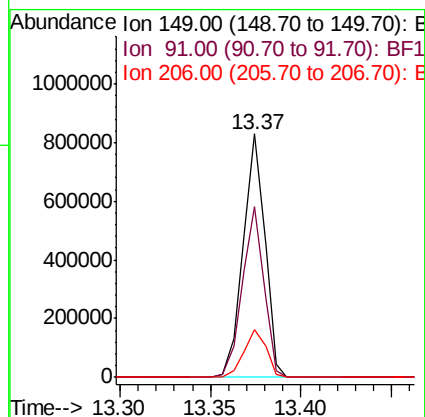
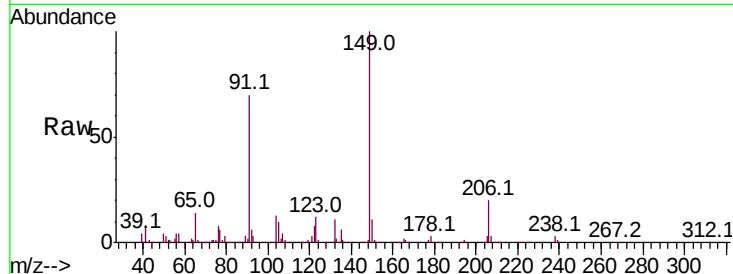
#80
Butylbenzylphthalate
Concen: 39.508 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampled :
PB119943BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	693415		
91	70.1	55.0	82.4	
206	19.7	16.9	25.3	

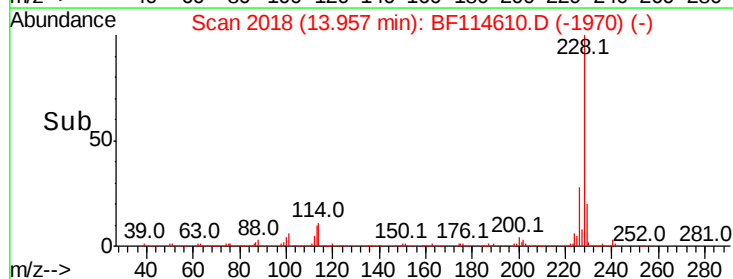
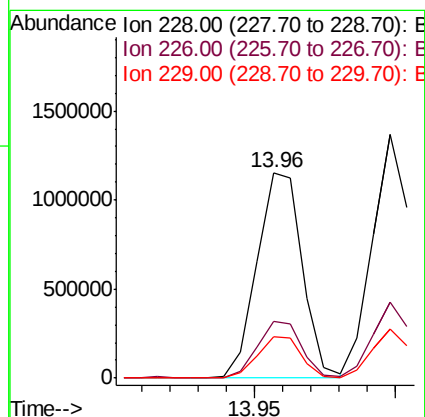
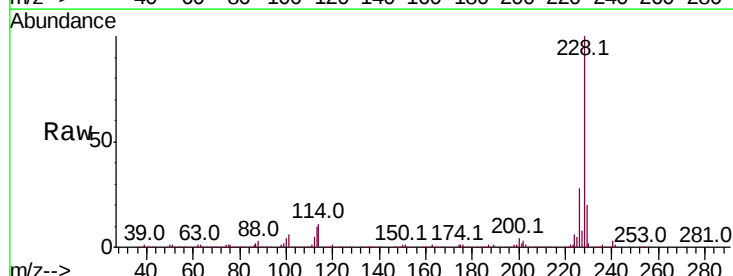
Manual Integrations
APPROVED

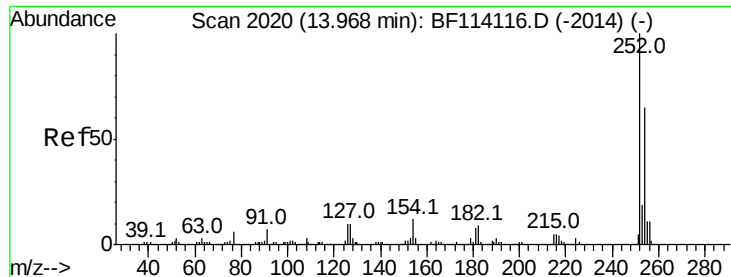
mohammad
5/27/2019 3:50:02 AM



#81
Benzo(a)anthracene
Concen: 38.012 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1274407		
226	27.9	22.2	33.2	
229	20.3	16.4	24.6	





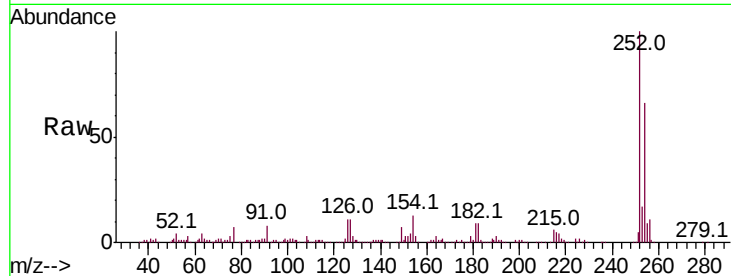
#82
 3,3'-Dichlorobenzidine
 Concen: 29.184 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

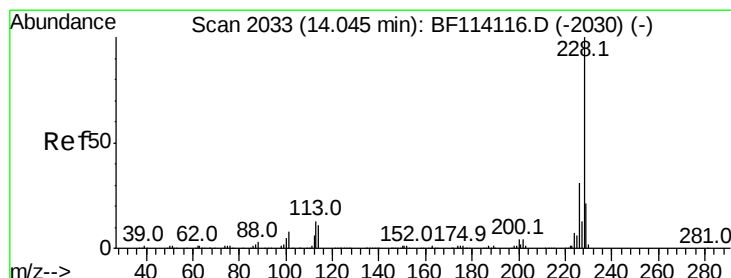
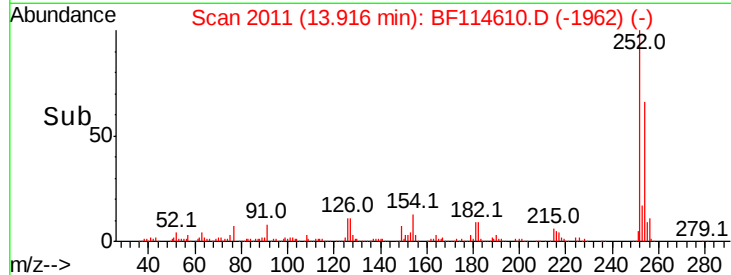
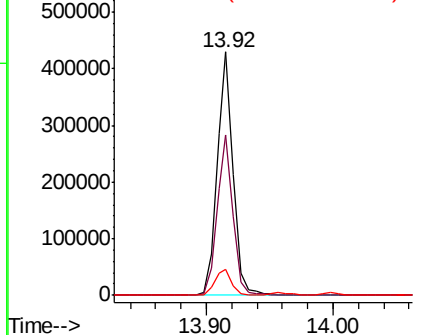
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	10.7	7.9	11.9

Manual Integrations
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mohammad
 5/27/2019 3:50:02 AM



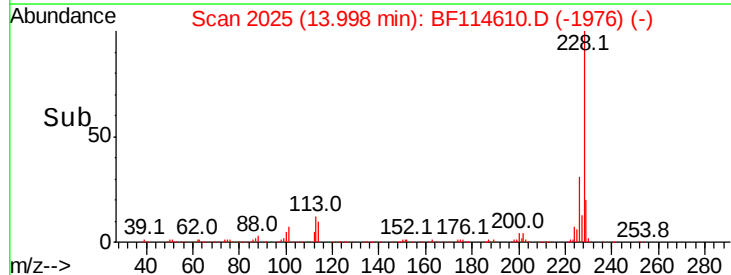
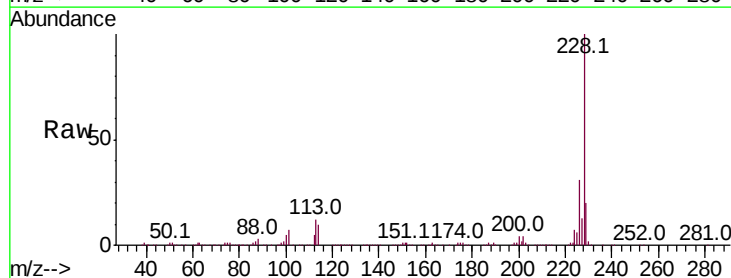
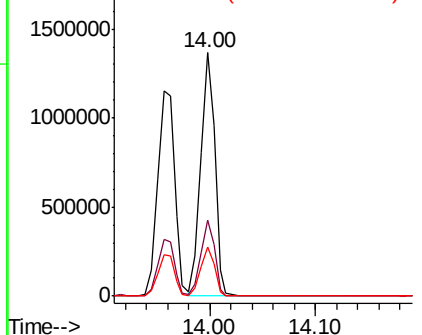
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

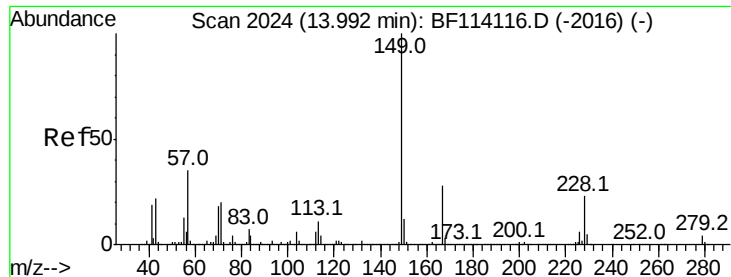


#83
 Chrysene
 Concen: 38.065 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.2	17.0	25.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.588 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114610.D

Acq: 25 May 2019 18:05

Instrument :

BNA_F

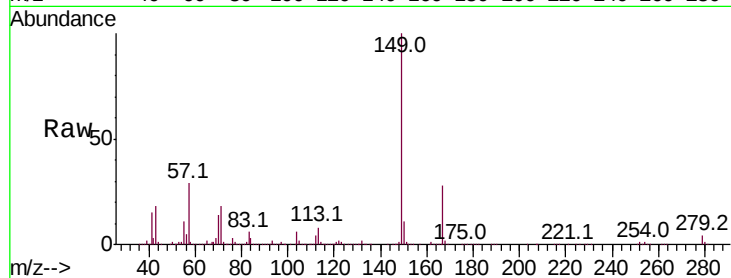
ClientSampled :

PB119943BS

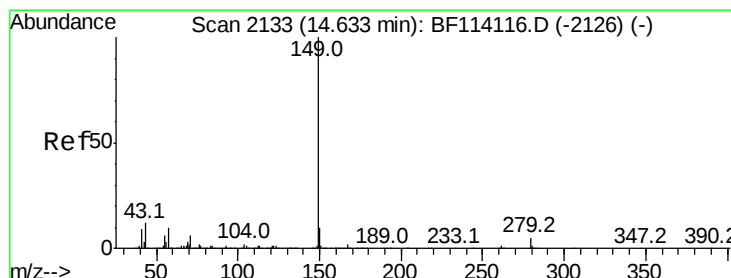
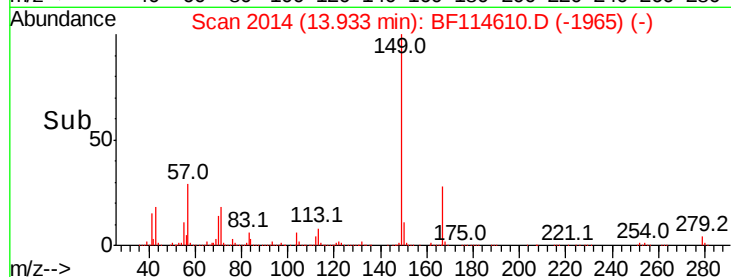
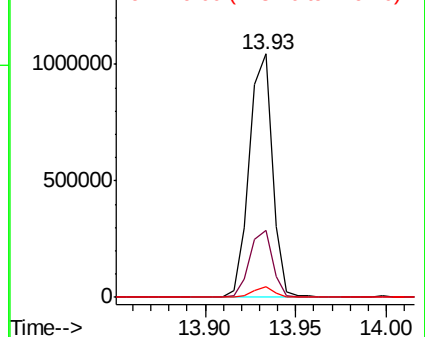
Tot Ion:	149	Resp:	931691
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.6	33.8
279	4.2	3.0	4.6

Manual Integrations
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mohammad
5/27/2019 3:50:02 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.333 ng

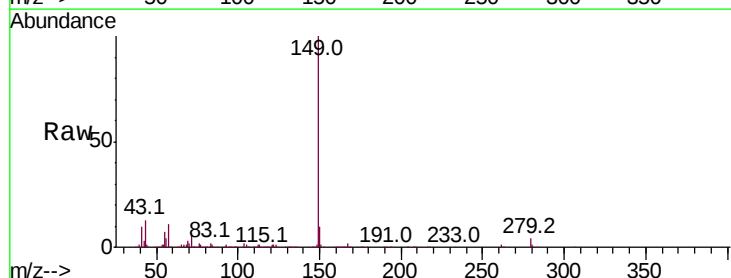
RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

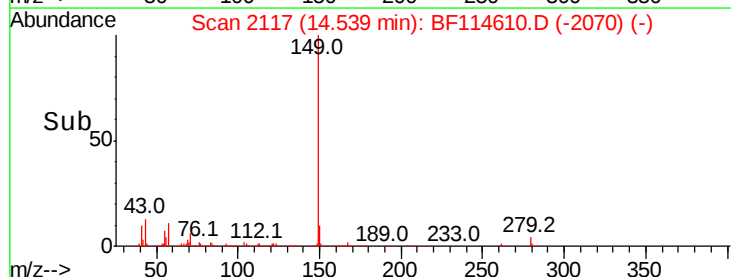
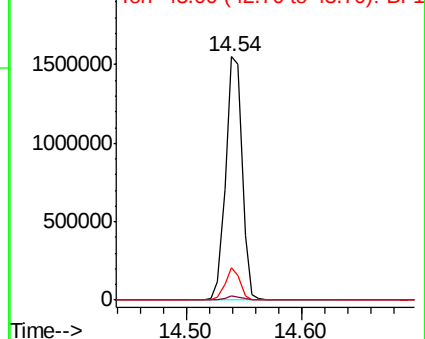
Lab File: BF114610.D

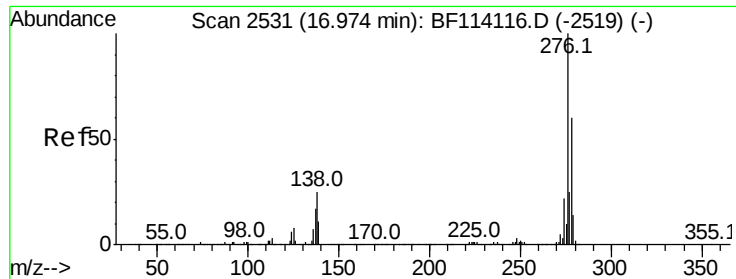
Acq: 25 May 2019 18:05

Tgt Ion:	149	Resp:	1538077
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.0	10.1	15.1



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





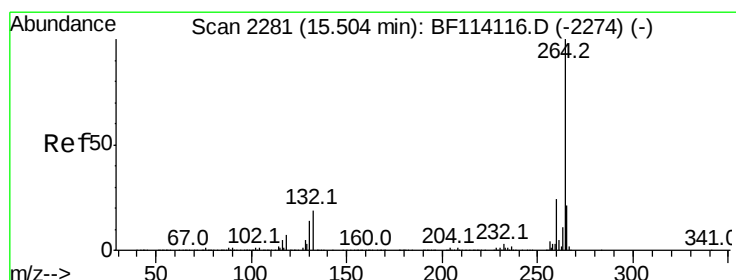
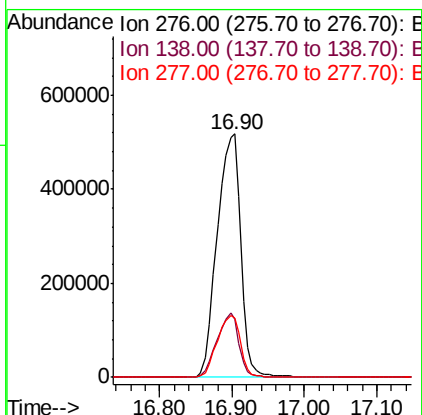
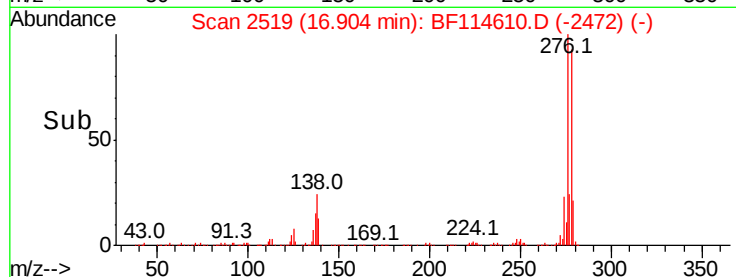
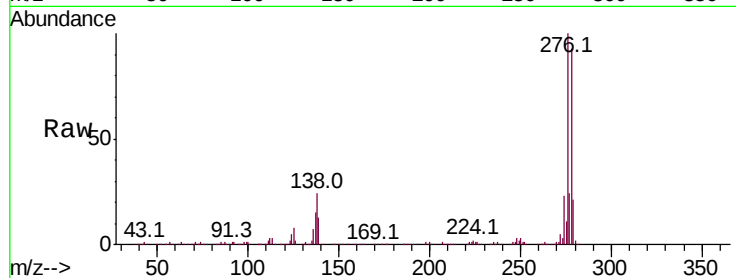
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.424 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.2	30.2
277	25.0	20.0	30.0

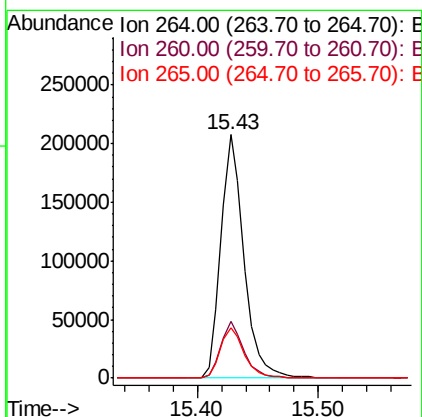
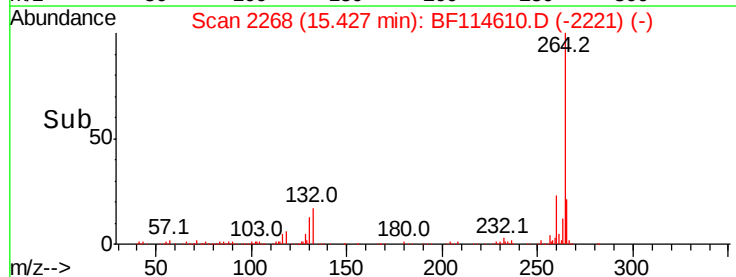
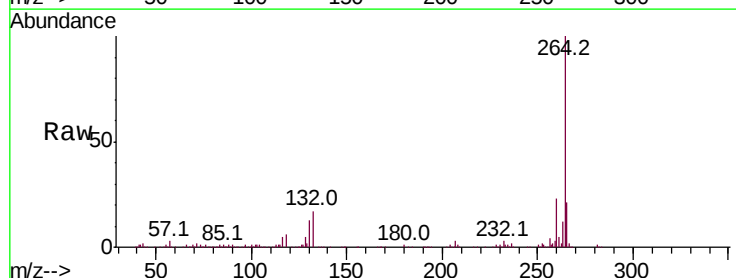
Manual Integrations
APPROVED

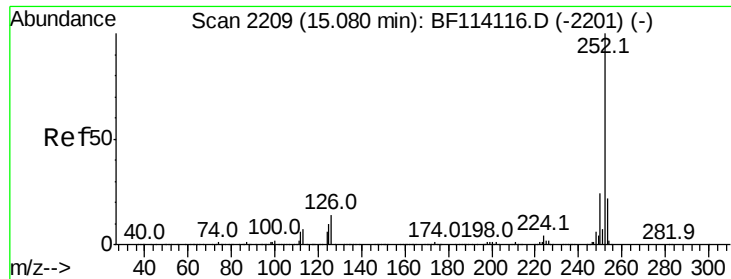
mohammad
5/27/2019 3:50:02 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.7	16.9	25.3





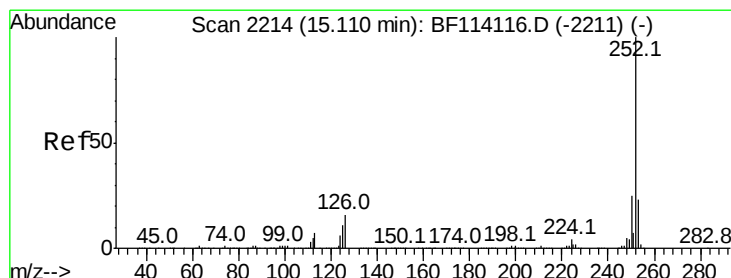
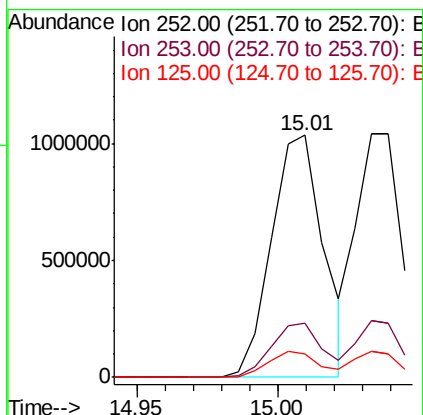
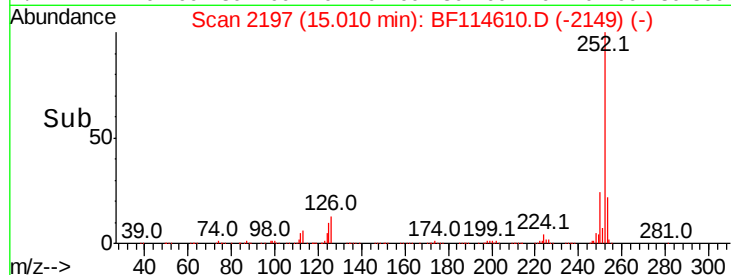
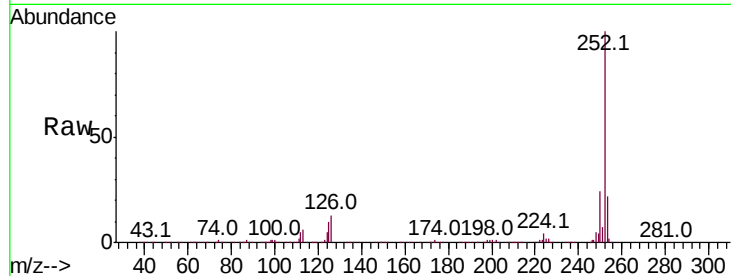
#88
Benzo(b)fluoranthene
Concen: 75.106 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.7	8.3	12.5

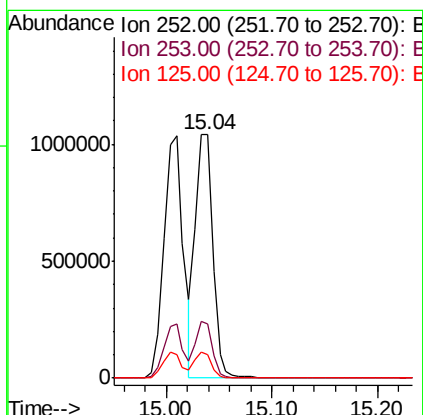
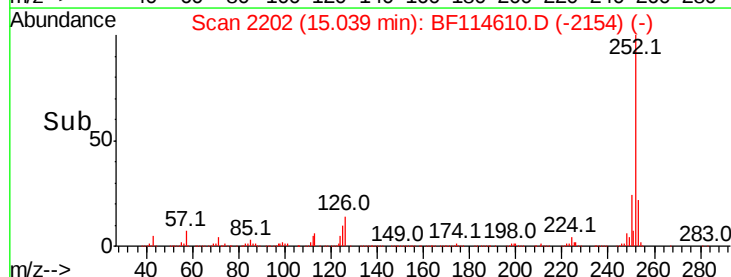
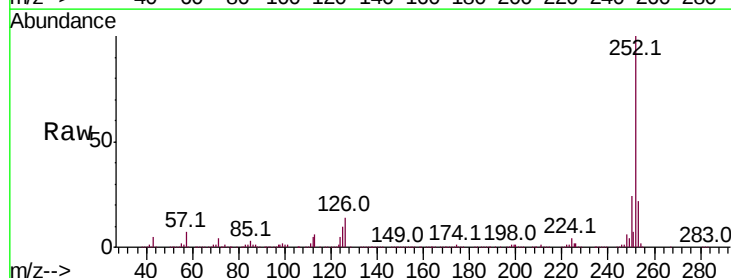
Manual Integrations
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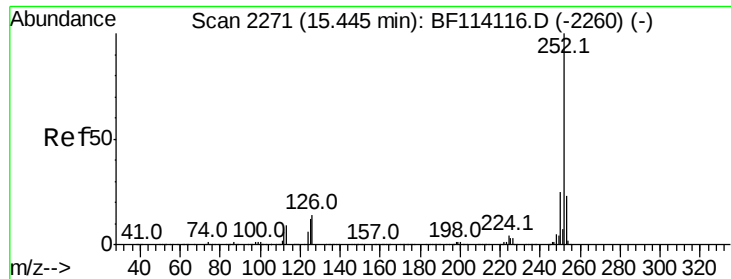
mohammad
5/27/2019 3:50:02 AM



#89
Benzo(k)fluoranthene
Concen: 72.867 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.6	8.6	13.0





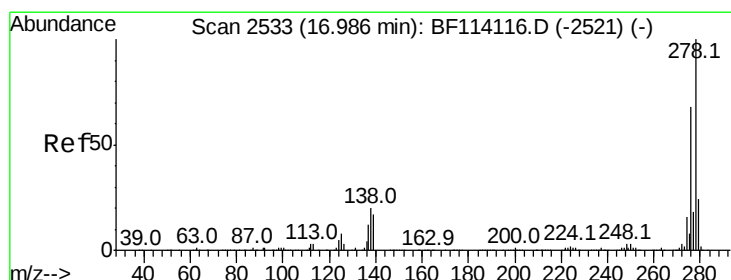
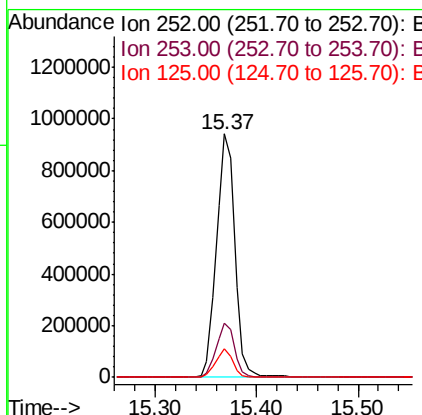
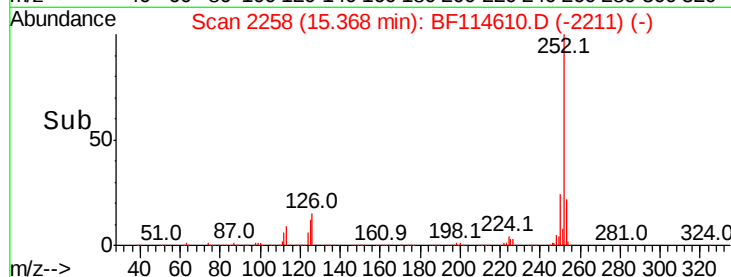
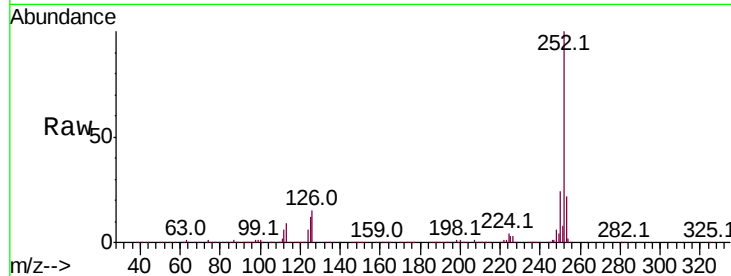
#90
Benzo(a)pyrene
Concen: 76.315 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.7	9.5	14.3

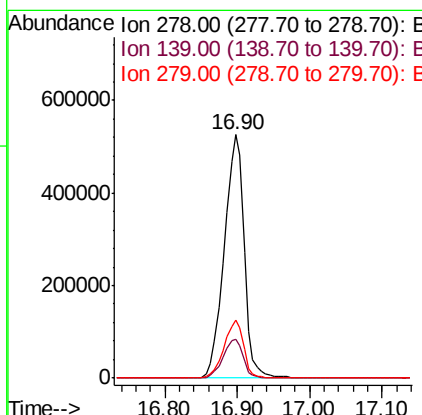
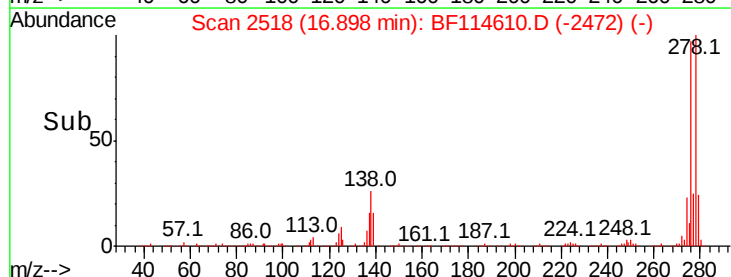
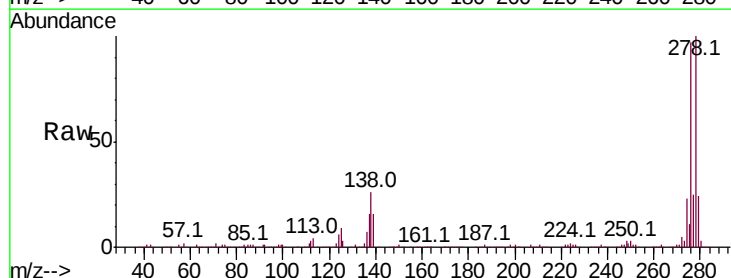
Manual Integrations
APPROVED

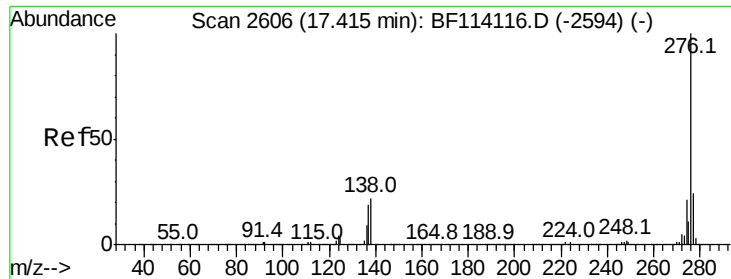
mohammad
5/27/2019 3:50:02 AM



#91
Dibenzo(a,h)anthracene
Concen: 77.986 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114610.D
Acq: 25 May 2019 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.5	20.3
279	23.8	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 79.113 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.04 min
 Lab File: BF114610.D
 Acq: 25 May 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.7	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:02 AM

