

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114359.D
 Acq On : 17 May 2019 19:25
 Operator : JU/SJ
 Sample : K2894-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Manual Integrations
 APPROVED

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 5/21/2019 2:16:09 PM

Quant Time: May 18 05:41:56 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190265	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	741631	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	370010	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	765799	20.00	ng	0.00
76) Chrysene-d12	14.02	240	506080	20.00	ng	0.00
87) Perylene-d12	15.51	264	499870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1366348	115.57	ng	0.00
7) Phenol-d6	6.50	99	1815508	129.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	1124340	85.08	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	482351	126.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1921473	78.55	ng	0.00
79) Terphenyl-d14	12.96	244	2042181	83.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	187487	28.850	ng	99
3) Pyridine	3.37	79	537384	30.013	ng	96
4) n-Nitrosodimethylamine	3.30	42	287231	33.266	ng	93
6) Aniline	6.51	93	453004	22.426	ng	# 1
8) 2-Chlorophenol	6.64	128	535089	42.394	ng	97
9) Benzaldehyde	6.40	77	386302	39.461	ng	98
10) Phenol	6.51	94	656180	39.890	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	519827	41.624	ng	100
12) 1,3-Dichlorobenzene	6.79	146	545117	38.475	ng	99
13) 1,4-Dichlorobenzene	6.86	146	549275	38.473	ng	100
14) 1,2-Dichlorobenzene	7.02	146	514752	39.464	ng	99
15) Benzyl Alcohol	6.99	79	445366	40.836	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	949949	39.231	ng	78
17) 2-Methylphenol	7.11	107	431235	41.592	ng	96
18) Hexachloroethane	7.36	117	190757	35.596	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	362412	40.888	ng	99
20) 3+4-Methylphenols	7.27	107	553294	46.187	ng	# 60
22) Acetophenone	7.26	105	720407	43.848	ng	# 91
24) Nitrobenzene	7.43	77	564537	41.943	ng	94
25) Isophorone	7.67	82	1042093	42.519	ng	98
26) 2-Nitrophenol	7.75	139	278985	42.723	ng	94
27) 2,4-Dimethylphenol	7.79	122	485391	47.327	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	659724	41.486	ng	99
29) 2,4-Dichlorophenol	8.00	162	450157	44.078	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	464890	40.032	ng	98
31) Naphthalene	8.15	128	1501849	43.352	ng	98
32) Benzoic acid	7.89	122	55387	13.487	ng	98
33) 4-Chloroaniline	8.20	127	170361	10.792	ng	98
34) Hexachlorobutadiene	8.27	225	249143	37.705	ng	98
35) Caprolactam	8.57	113	162159m	48.695	ng	
36) 4-Chloro-3-methylphenol	8.70	107	495778	48.228	ng	99
37) 2-Methylnaphthalene	8.85	142	1025076	45.862	ng	97
38) 1-Methylnaphthalene	8.95	142	964200	45.808	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	463290	41.334	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	36075	10.859	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	322995	41.896	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	348256	44.047	ng	96
46) 1,1'-Biphenyl	9.30	154	1256141	42.023	ng	98
47) 2-Chloronaphthalene	9.33	162	958344	39.837	ng	98
48) 2-Nitroaniline	9.43	65	354547	41.557	ng	93
49) Acenaphthylene	9.75	152	1569224	42.888	ng	99
50) Dimethylphthalate	9.60	163	1437283	52.915	ng	99
51) 2,6-Dinitrotoluene	9.67	165	263490	43.736	ng	87
52) Acenaphthene	9.92	154	913562	40.689	ng	97
53) 3-Nitroaniline	9.84	138	165234	22.094	ng	100
54) 2,4-Dinitrophenol	9.96	184	36606	17.810	ng	95
55) Dibenzofuran	10.09	168	1353636	41.115	ng	97
56) 4-Nitrophenol	10.03	139	401011	75.823	ng	92
57) 2,4-Dinitrotoluene	10.08	165	342441	41.878	ng	# 88
58) Fluorene	10.43	166	1111561	43.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	296175	43.415	ng	99
60) Diethylphthalate	10.30	149	1187641	43.033	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	522769	41.855	ng	97
62) 4-Nitroaniline	10.46	138	283939	36.131	ng	99
63) Azobenzene	10.58	77	1141101	42.716	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	60077	16.326	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1009532	43.435	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	341461	40.497	ng	96
68) Hexachlorobenzene	10.99	284	367517	39.400	ng	94
69) Atrazine	11.07	200	318703	44.063	ng	98
70) Pentachlorophenol	11.19	266	331383	74.944	ng	99
71) Phenanthrene	11.40	178	1607144	43.137	ng	99
72) Anthracene	11.45	178	1669175	44.605	ng	99
73) Carbazole	11.60	167	1608893	45.086	ng	99
74) Di-n-butylphthalate	11.93	149	1943788	47.280	ng	100
75) Fluoranthene	12.59	202	1733792	43.214	ng	99
77) Benzidine	12.71	184	1065390	46.898	ng	96
78) Pyrene	12.82	202	1741385	42.774	ng	99
80) Butylbenzylphthalate	13.43	149	813218	47.457	ng	95
81) Benzo(a)anthracene	14.02	228	1456387	44.493	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	458675	36.122	ng	99
83) Chrysene	14.05	228	1391568	43.368	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1133789	50.590	ng	100
85) Di-n-octyl phthalate	14.62	149	1854985	51.059	ng	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1069210	37.703	ng	99
88) Benzo(b)fluoranthene	15.09	252	1473319	46.006	ng	99
89) Benzo(k)fluoranthene	15.12	252	1260989	42.865	ng	99
90) Benzo(a)pyrene	15.46	252	1294125	45.917	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	879959	37.573	ng	99
92) Benzo(g,h,i)perylene	17.45	276	870520	37.091	ng	100

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

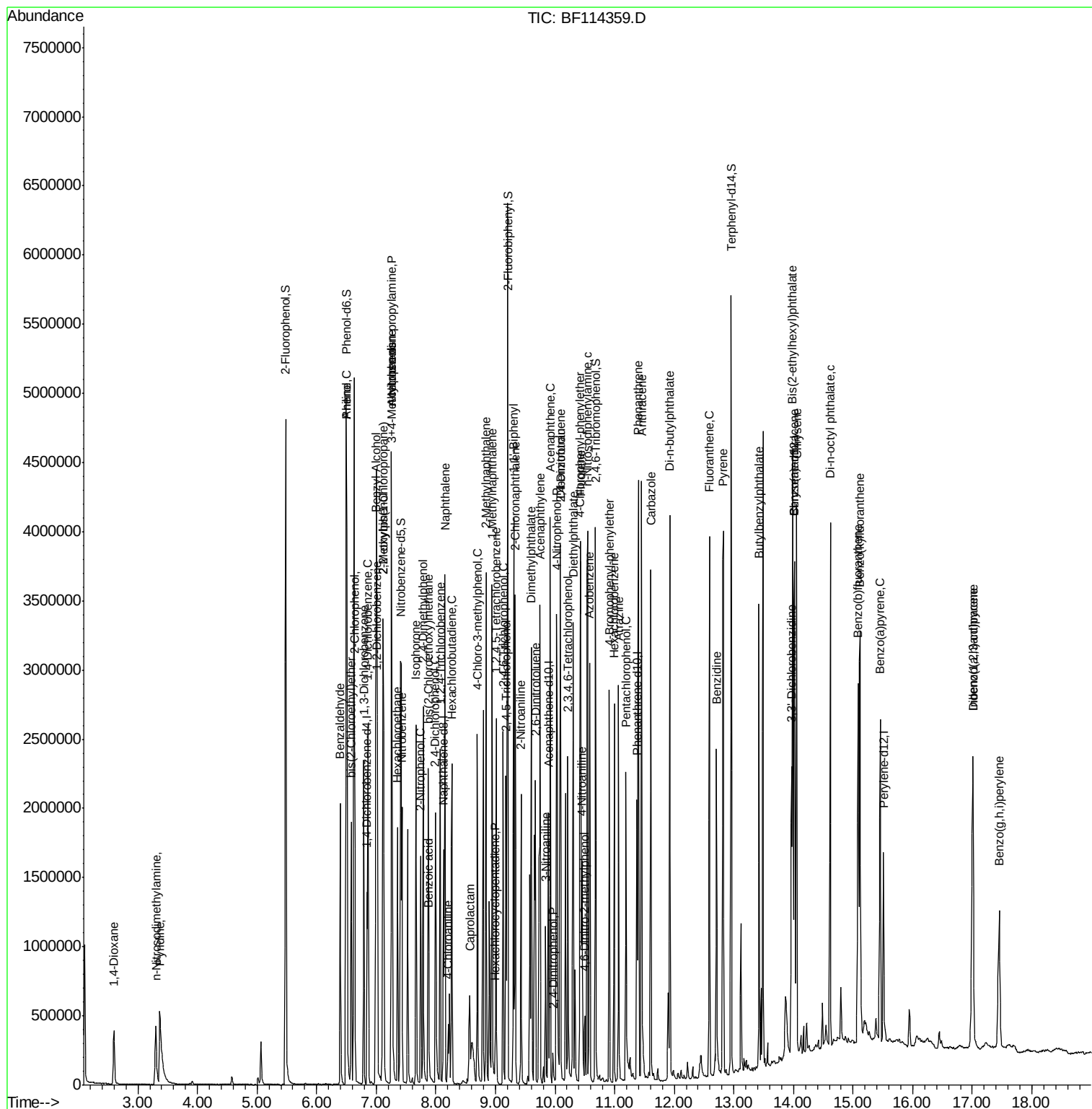
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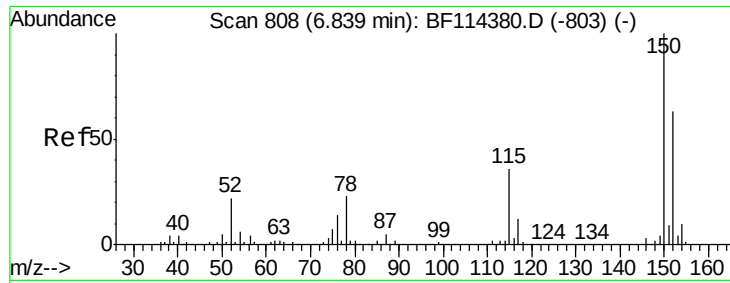
Instrument :
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 Client Sampled :
 SB-04-9-10MS

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#1

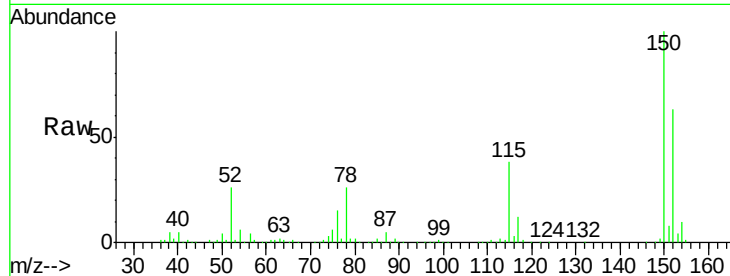
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

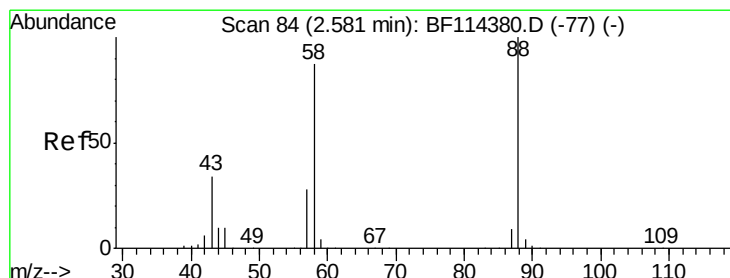
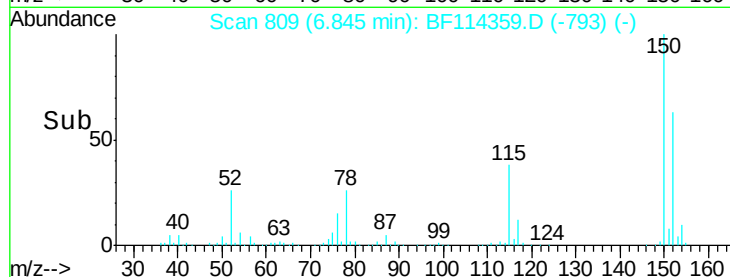
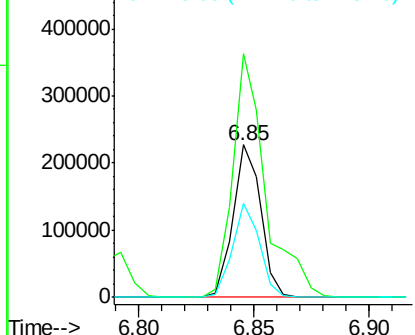
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.3	186.5
115	61.4	49.1	73.7

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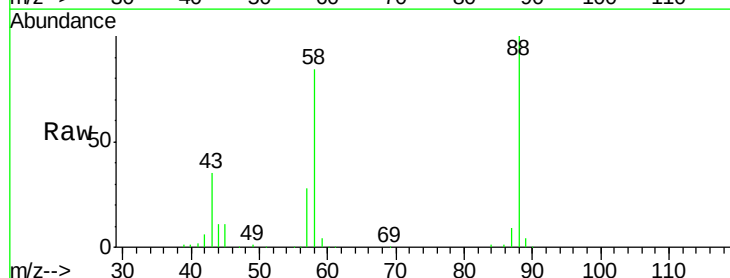
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



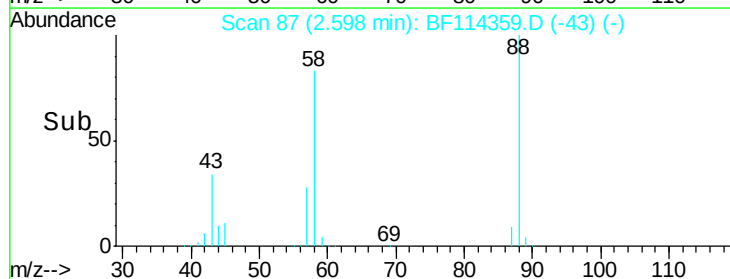
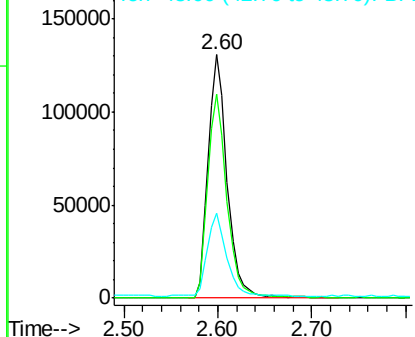
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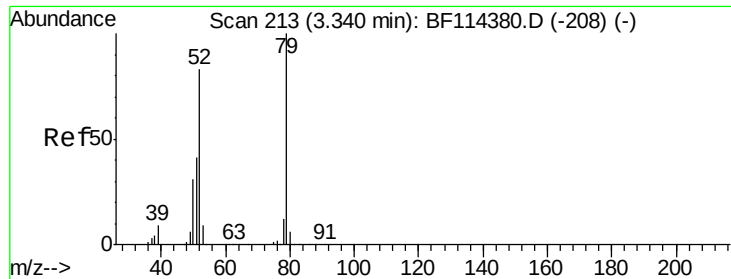
1,4-Dioxane
Concen: 28.850 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.04 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.7	103.1
43	34.2	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





#3

Pyridine

Concen: 30.013 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

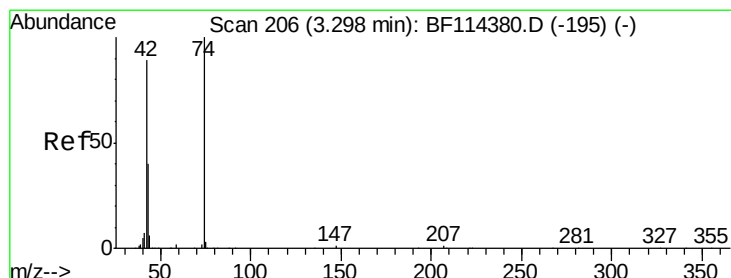
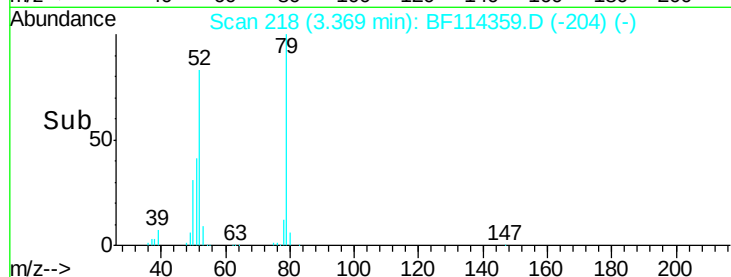
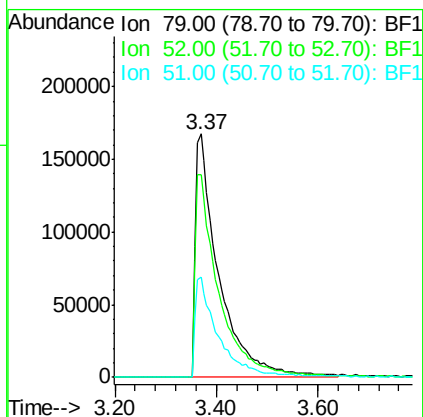
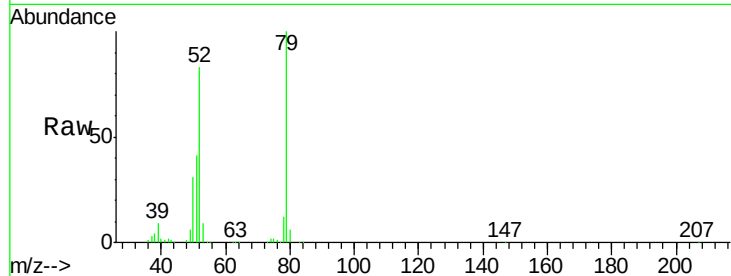
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	79	Resp:	537384
Ion	Ratio	Lower	Upper
79	100		
52	83.2	70.6	105.8
51	41.1	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 33.266 ng

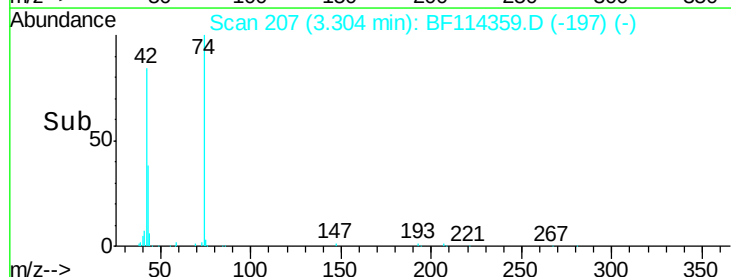
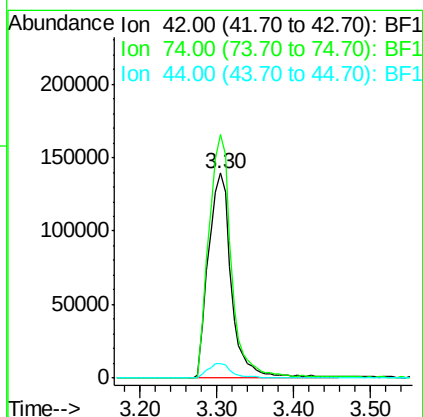
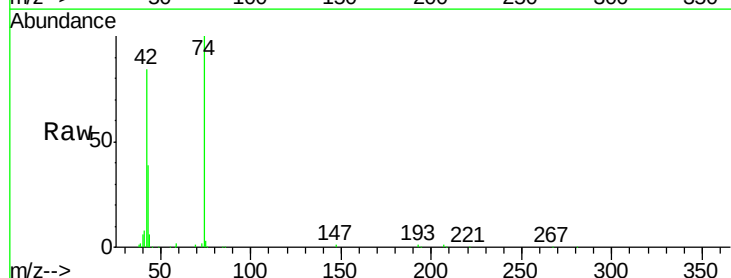
RT: 3.30 min Scan# 207

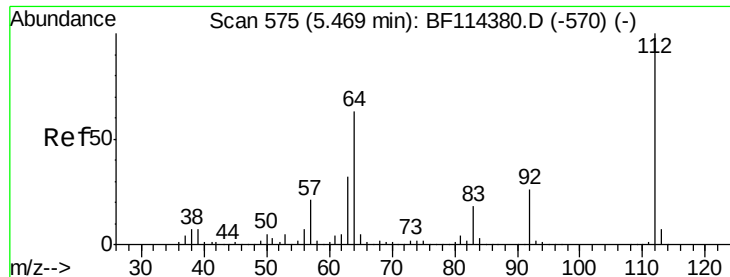
Delta R.T. -0.04 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	42	Resp:	287231
Ion	Ratio	Lower	Upper
42	100		
74	118.7	88.6	132.8
44	7.0	5.5	8.3





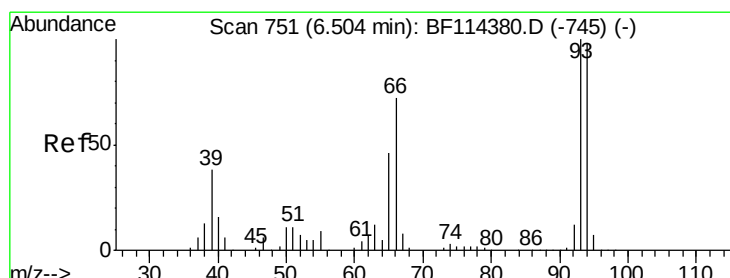
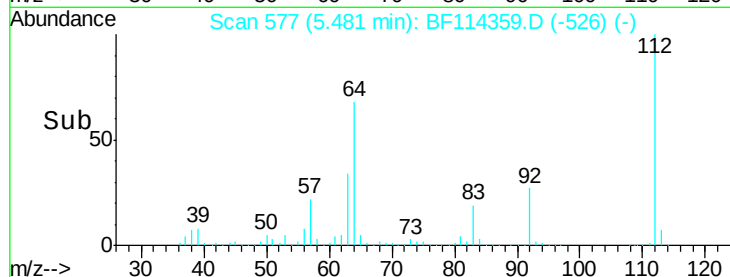
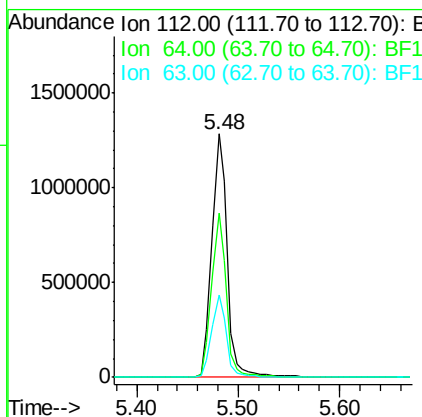
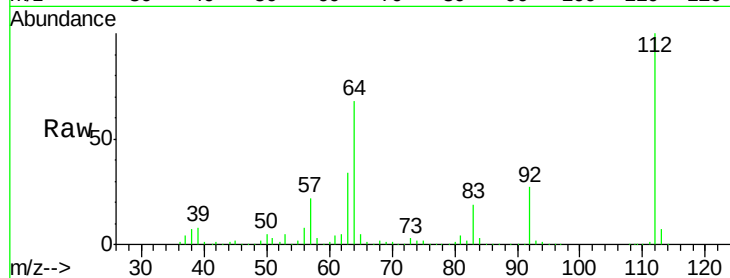
#5
2-Fluorophenol
Concen: 115.566 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

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SB-04-9-10MS

Tgt Ion: 112 Resp: 1366348
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 33.6 24.6 37.0

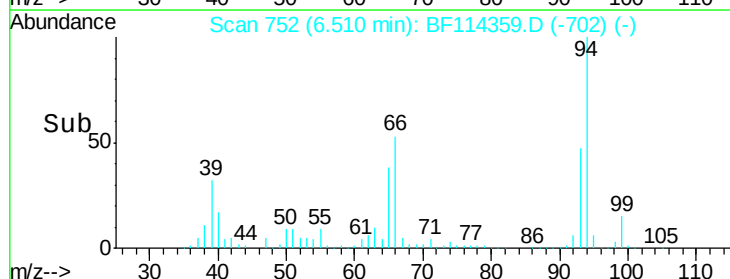
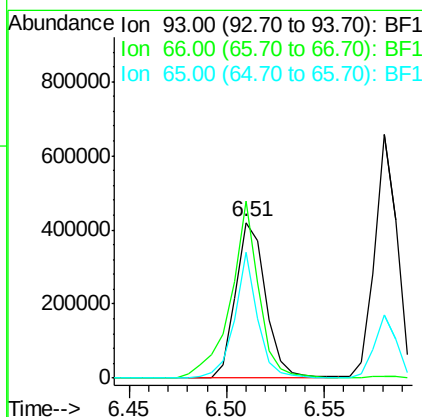
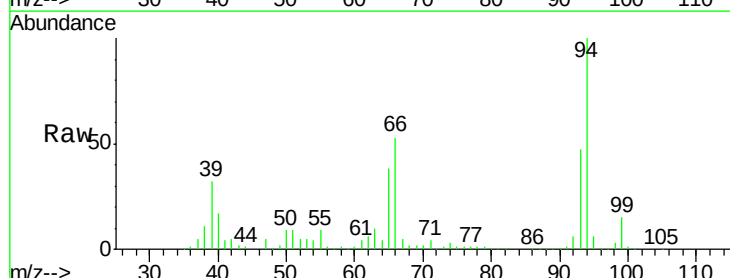
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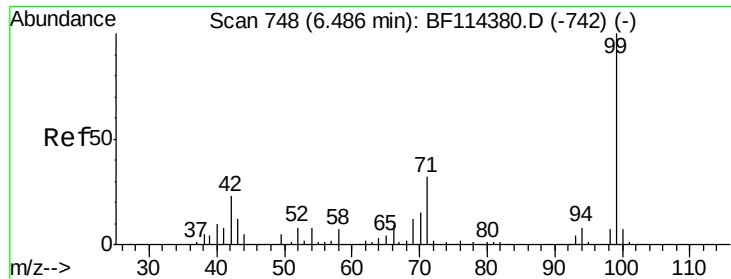
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#6
Aniline
Concen: 22.426 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 93 Resp: 453004
Ion Ratio Lower Upper
93 100
66 114.0 33.2 49.8#
65 80.8 17.6 26.4#





#7

Phenol-d6

Concen: 129.831 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MS

Tgt Ion: 99 Resp: 1815508

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

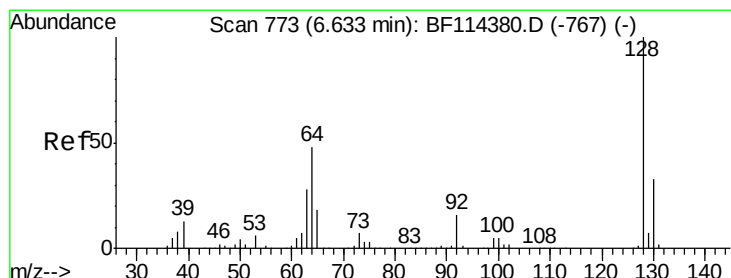
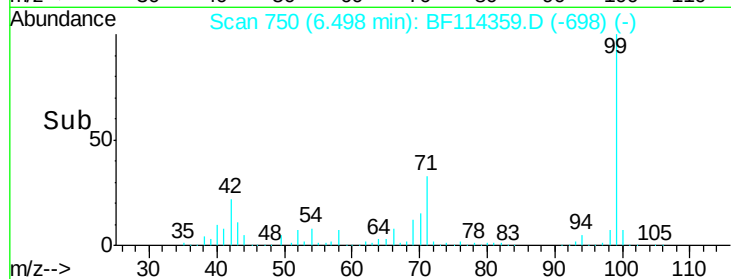
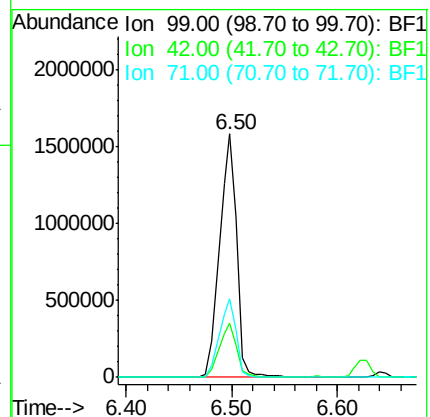
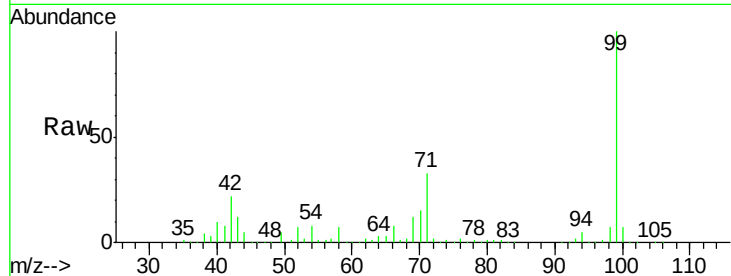
71 32.5 26.2 39.2

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#8

2-Chlorophenol

Concen: 42.394 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

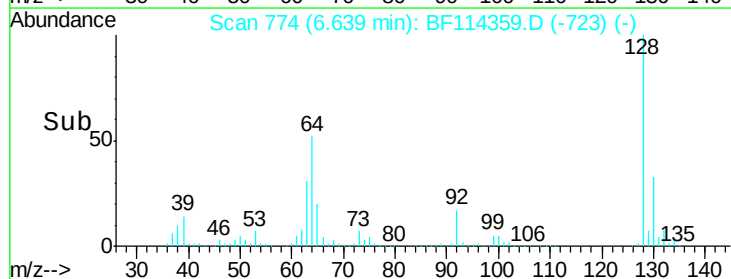
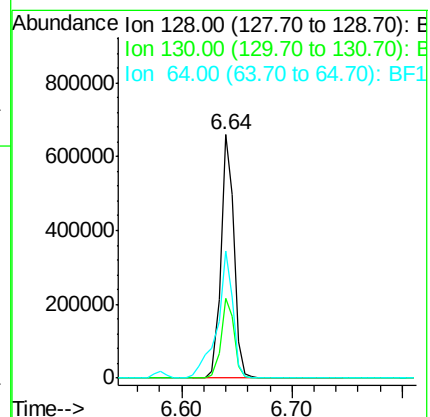
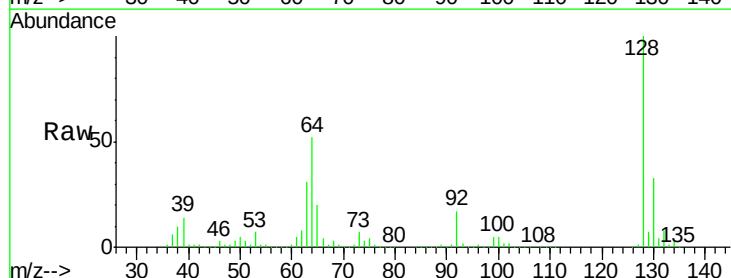
Tgt Ion: 128 Resp: 535089

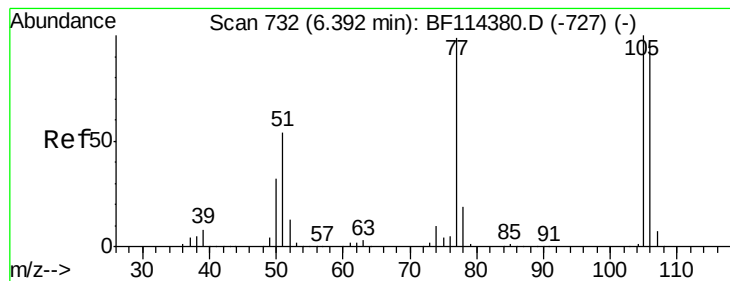
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 52.3 35.9 75.9





#9

Benzaldehyde

Concen: 39.461 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114359.D

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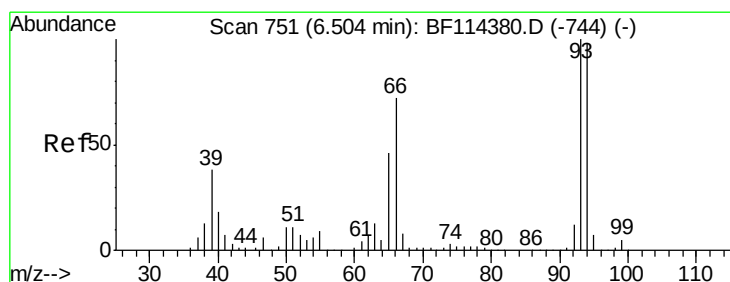
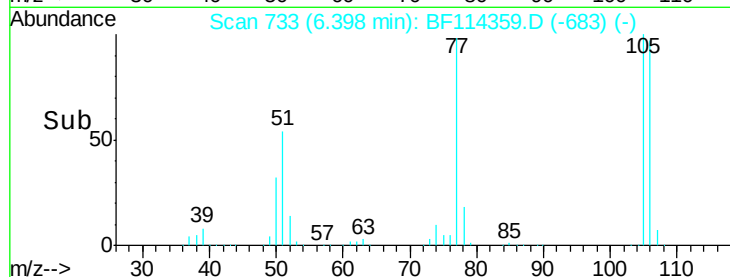
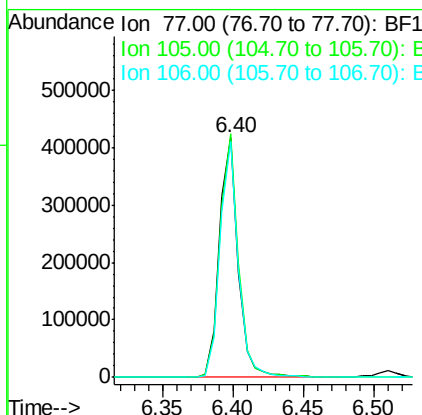
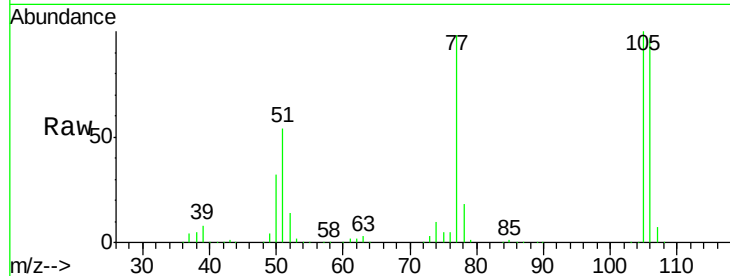
ClientSampleId :

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Tgt Ion:	77	Resp:	386302
Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.3	119.3
106	98.5	77.0	117.0

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#10

Phenol

Concen: 39.890 ng

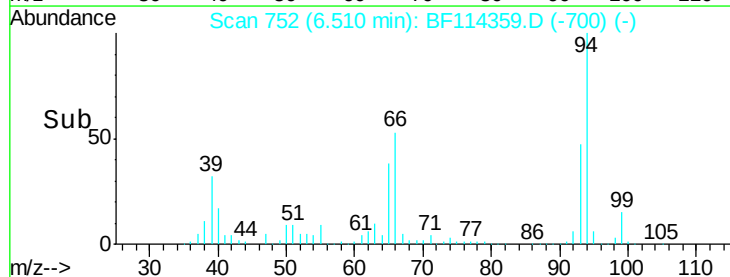
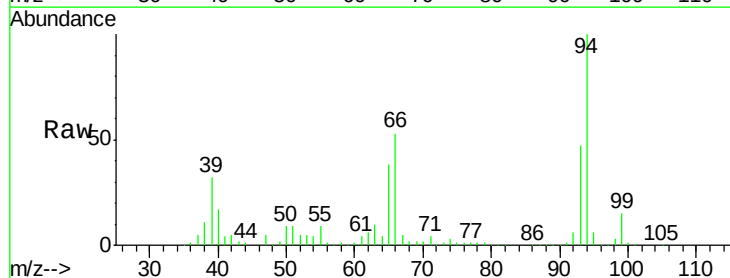
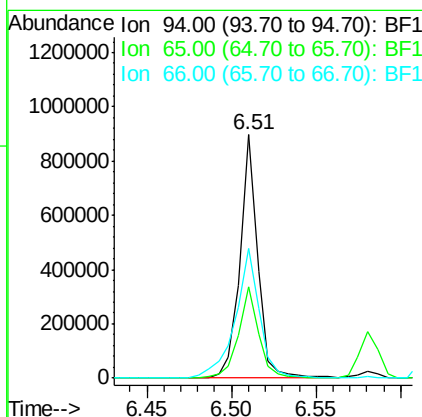
RT: 6.51 min Scan# 752

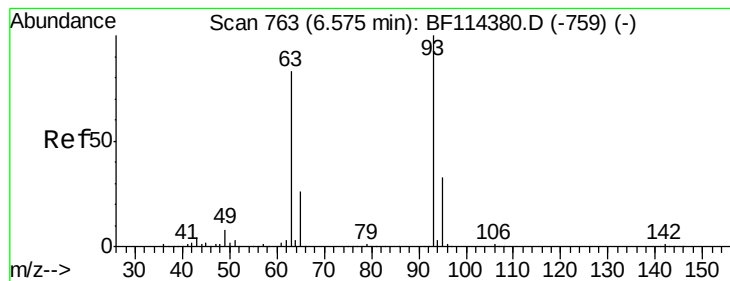
Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	94	Resp:	656180
Ion	Ratio	Lower	Upper
94	100		
65	37.8	14.7	54.7
66	53.3	29.6	69.6





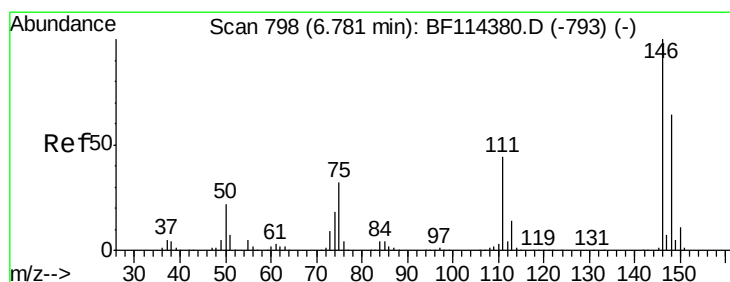
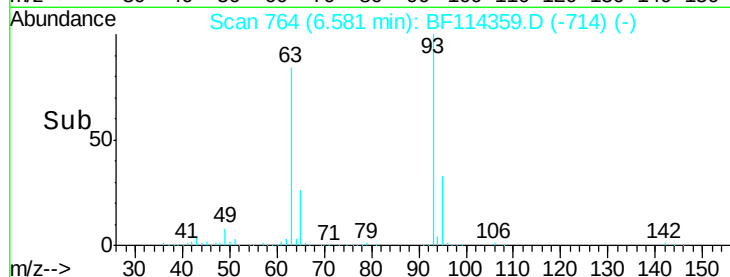
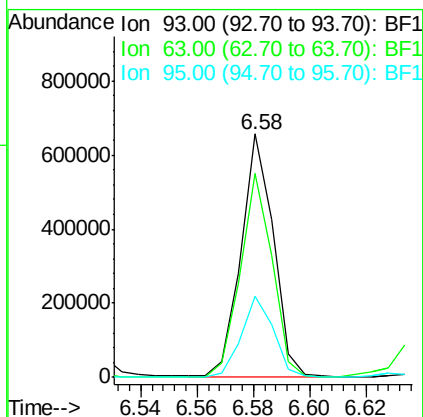
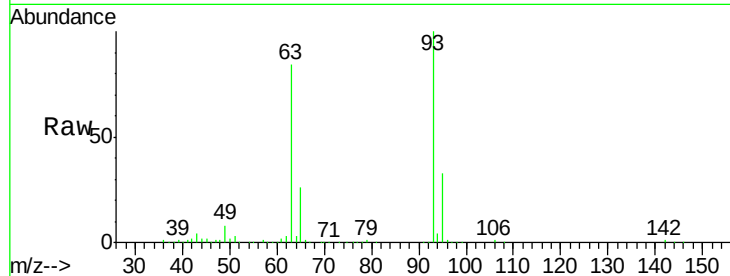
#11
bis(2-Chloroethyl)ether
Concen: 41.624 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.6	103.6
95	33.1	13.1	53.1

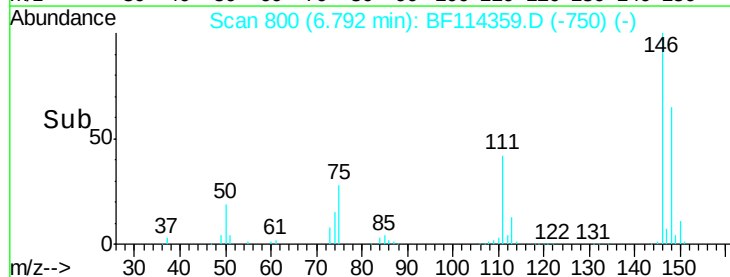
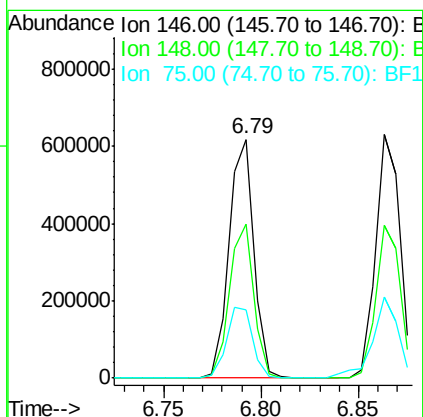
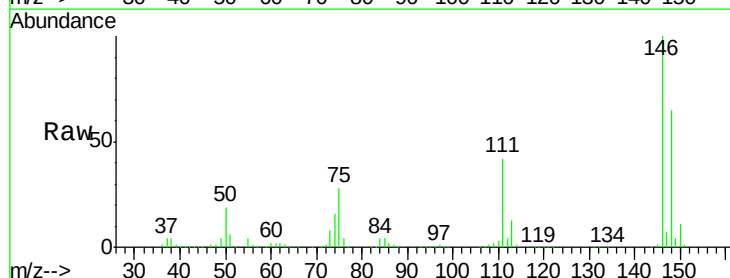
Manual Integrations
APPROVED

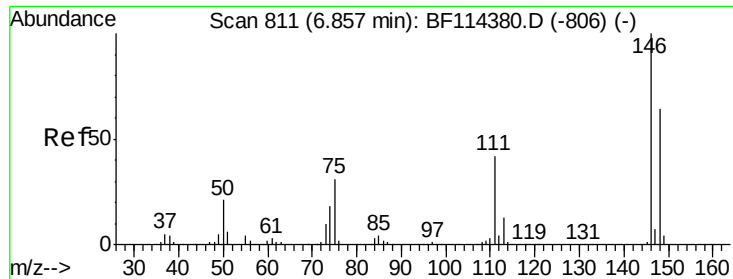
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.475 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.5	24.2	36.2





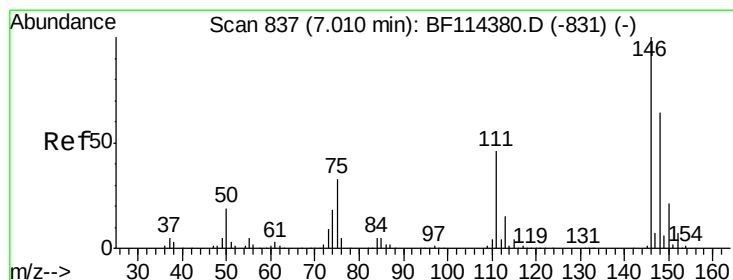
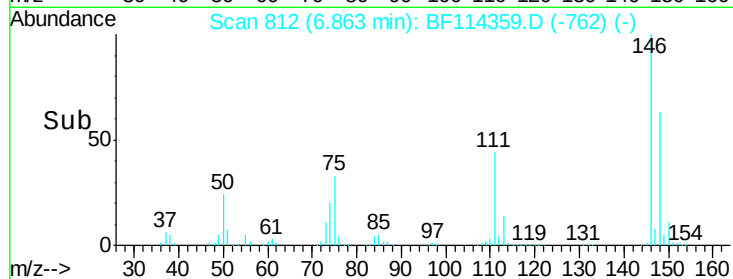
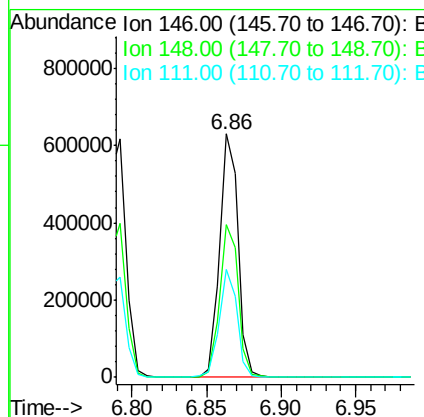
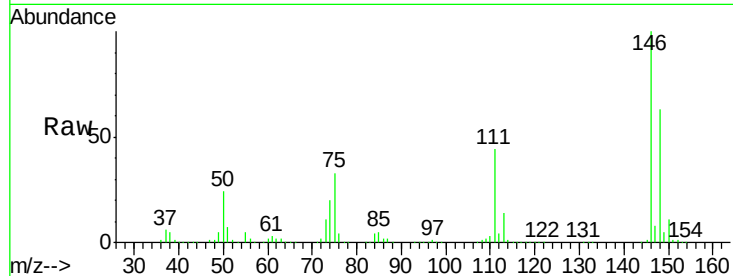
#13
1,4-Dichlorobenzene
Concen: 38.473 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.2
111	44.3	35.8	53.6

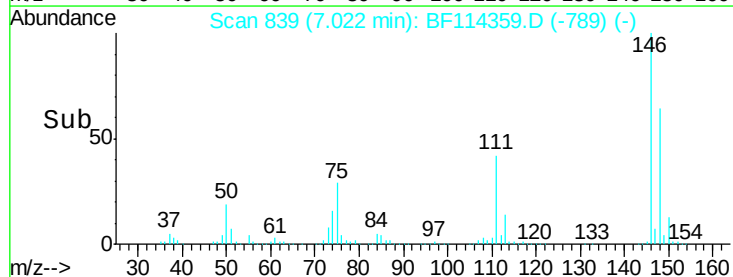
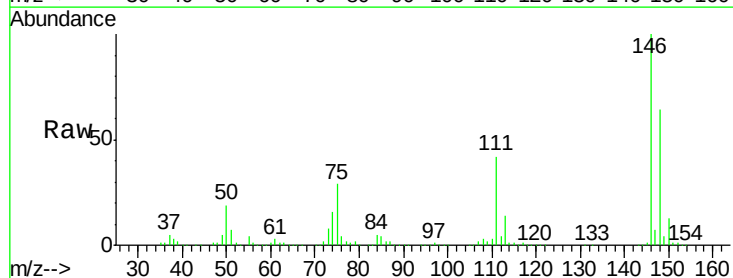
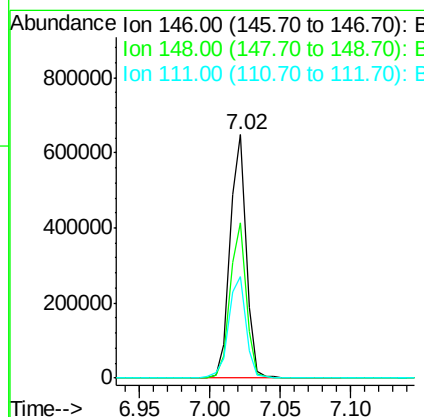
Manual Integrations
APPROVED

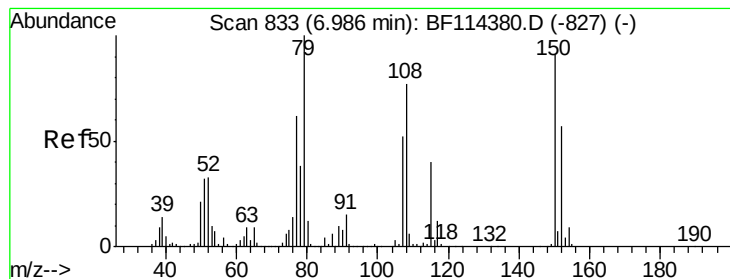
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.464 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.836 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

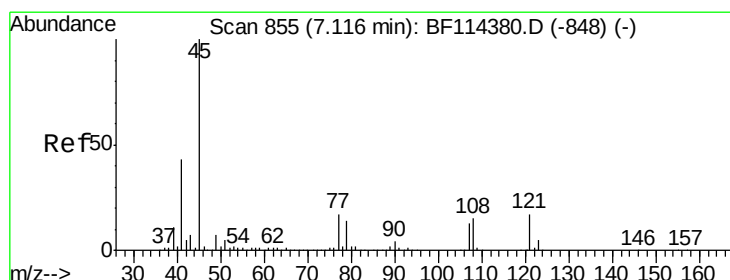
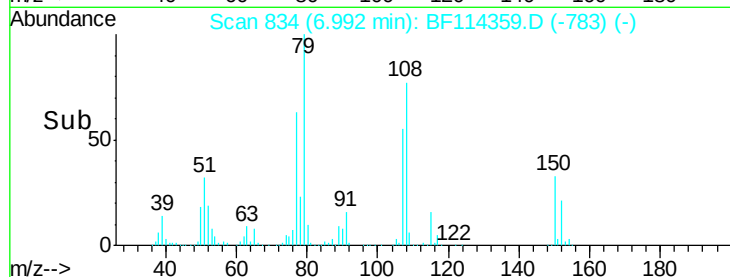
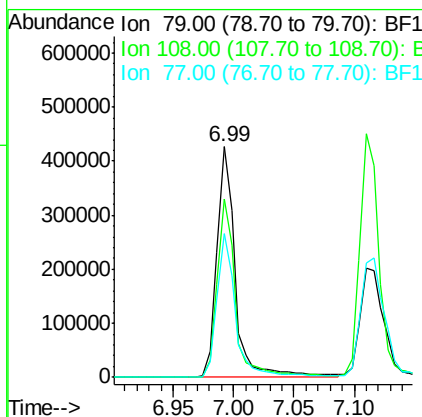
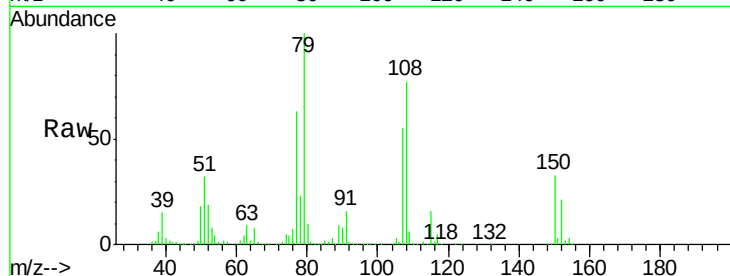
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	79	Resp:	445366
Ion Ratio	Lower	Upper	
79	100		
108	77.4	62.1	93.1
77	62.6	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.231 ng

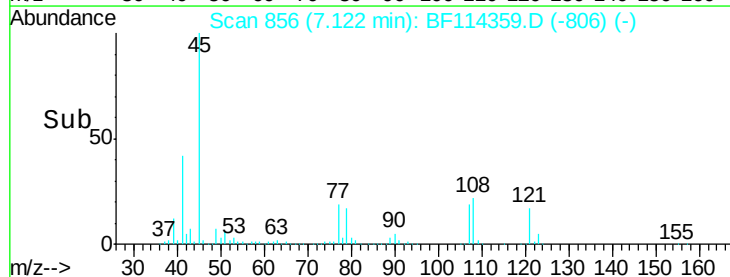
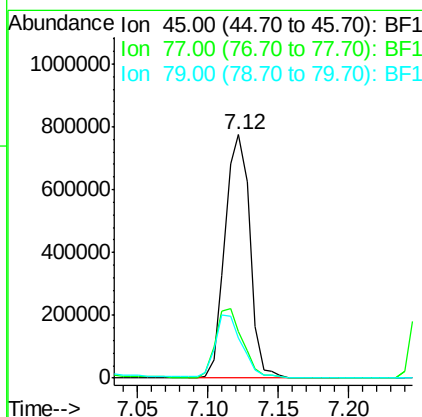
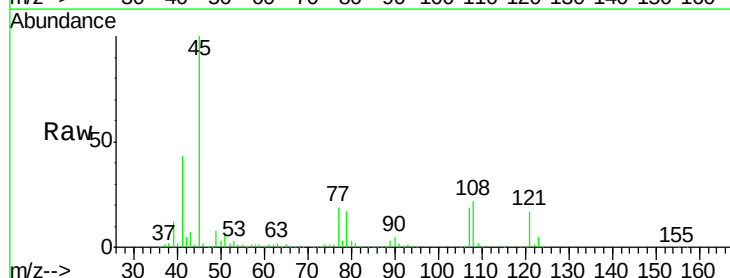
RT: 7.12 min Scan# 856

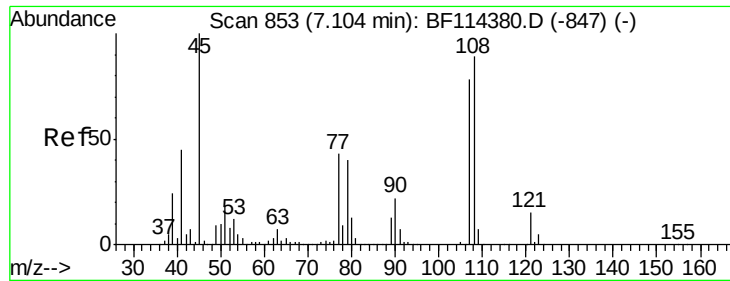
Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	45	Resp:	949949
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	31.1
79	16.7	0.0	28.4





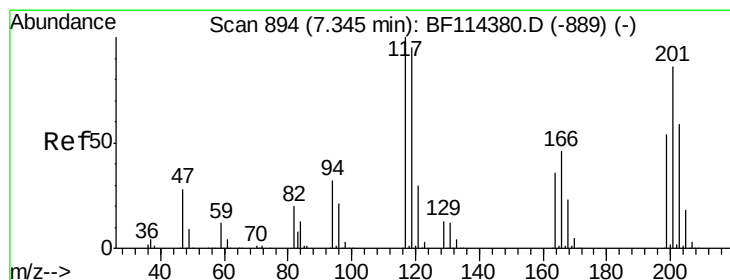
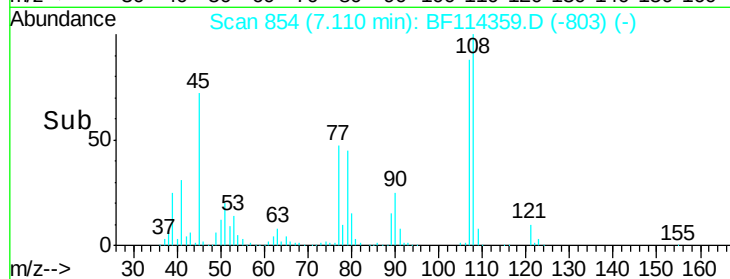
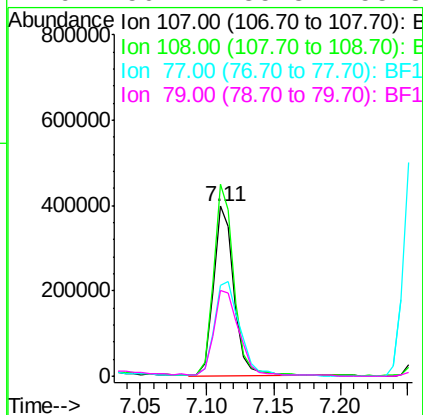
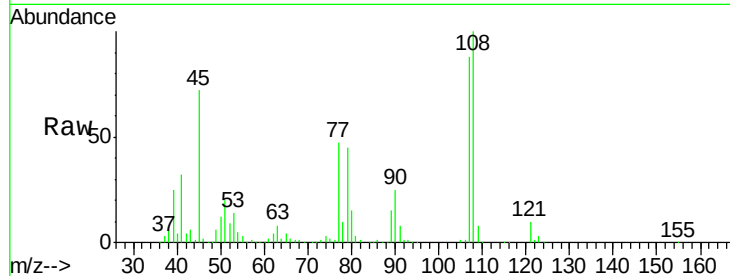
#17
2-Methylphenol
Concen: 41.592 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	431235		
108	113.2	90.5	135.7	
77	53.3	37.0	55.4	
79	50.7	35.8	53.8	

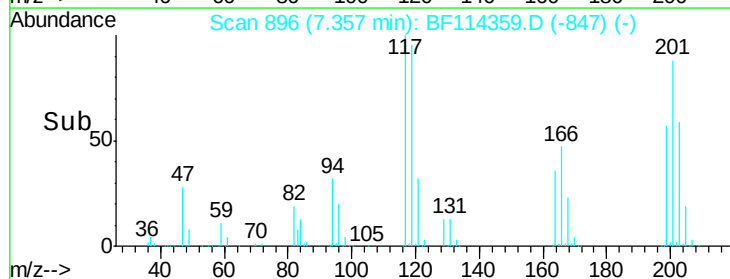
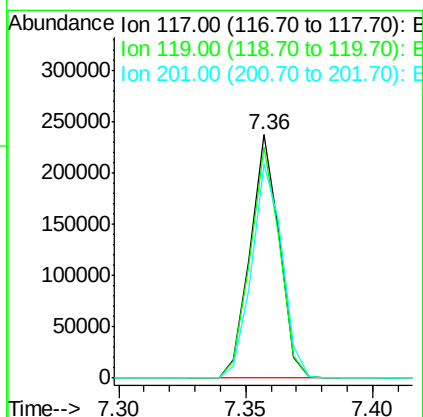
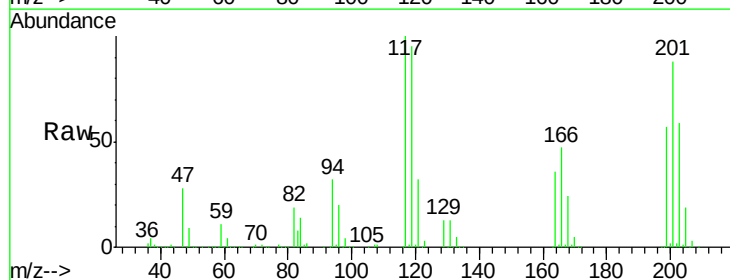
Manual Integrations
APPROVED

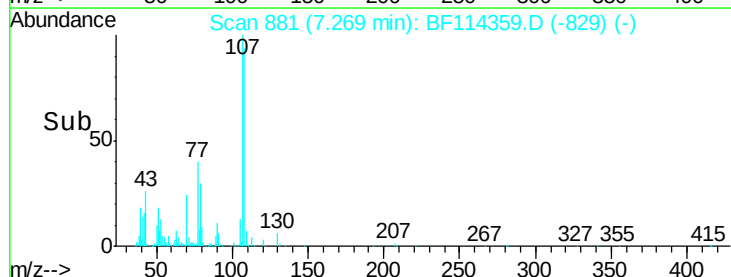
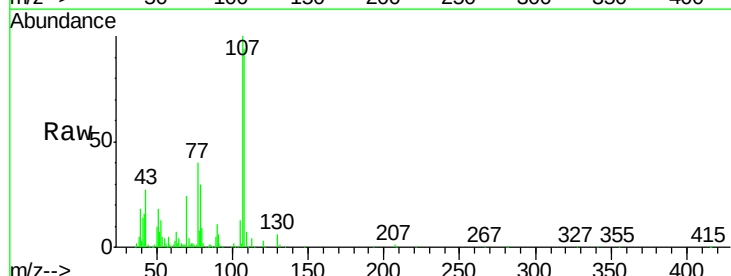
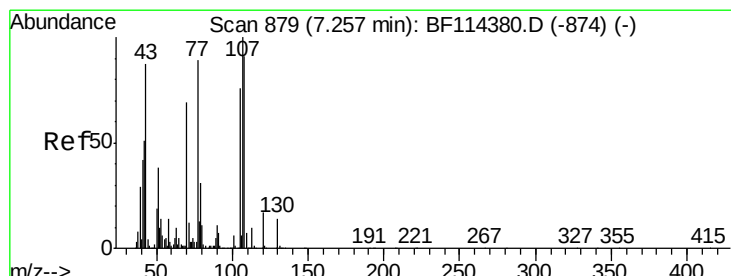
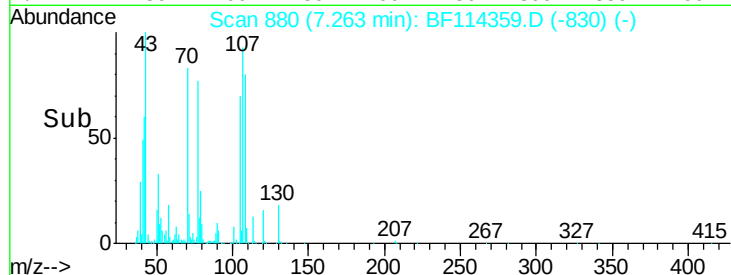
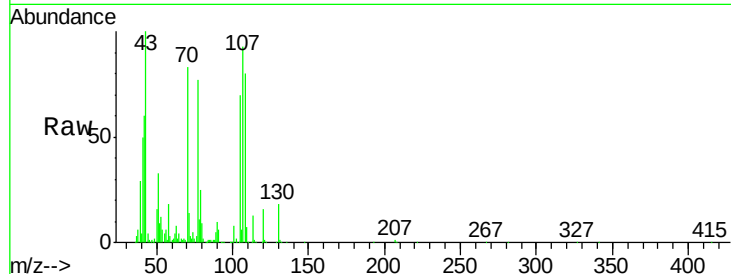
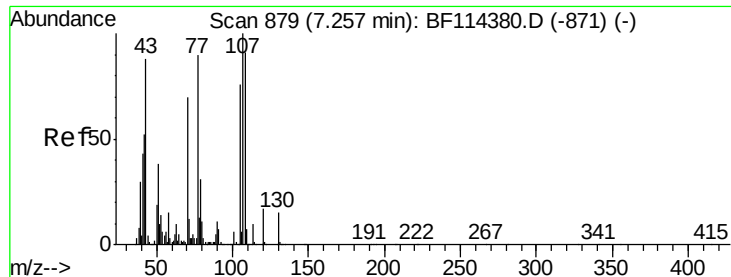
mohammad
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#18
Hexachloroethane
Concen: 35.596 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	190757		
119	95.0	77.4	116.2	
201	87.7	74.5	111.7	





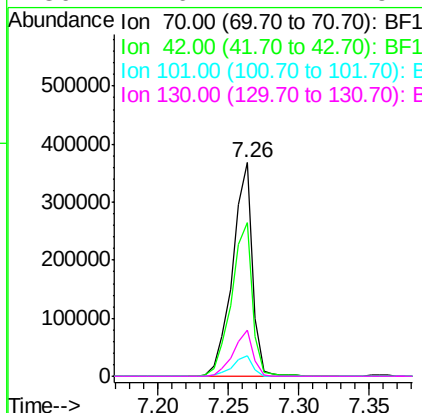
#19
n-Nitroso-di-n-propylamine
Concen: 40.888 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.1	58.6	87.8
101	9.6	7.8	11.8
130	21.6	17.1	25.7

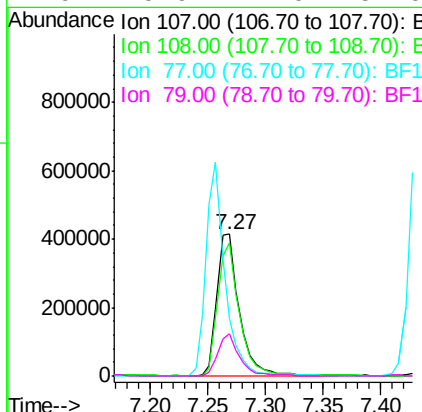
Manual Integrations
APPROVED

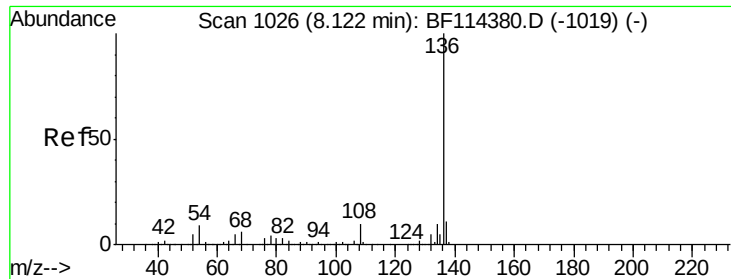
mohammad
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#20
3+4-Methylphenols
Concen: 46.187 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	73.8	113.8
77	40.2	111.5	151.5#
79	29.9	12.0	52.0





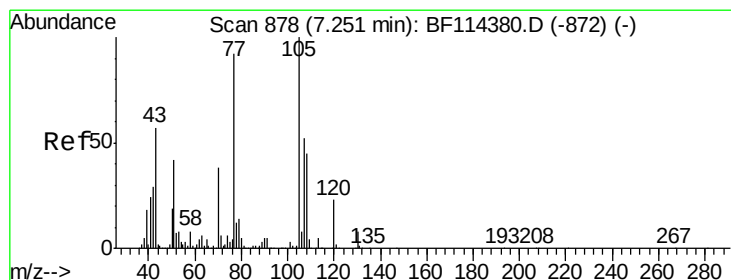
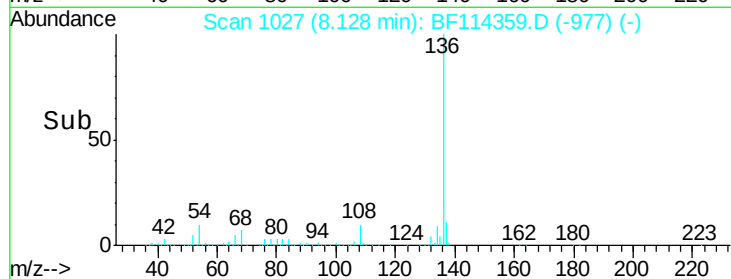
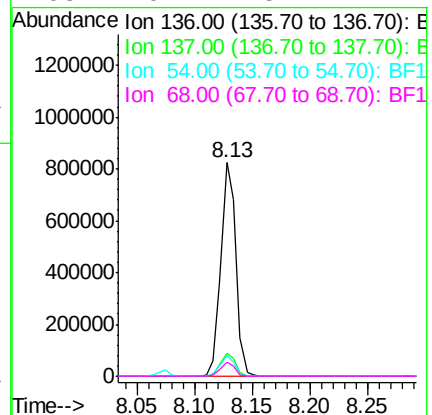
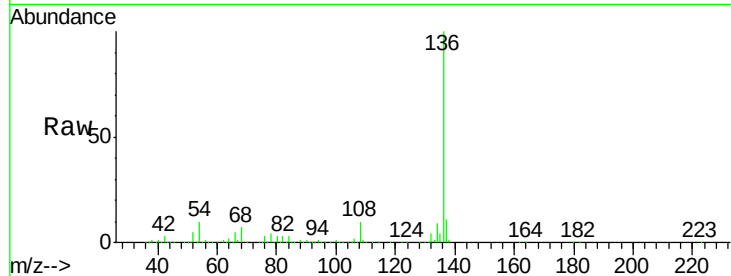
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	741631		
137	11.1	8.8	13.2	
54	9.9	7.8	11.8	
68	6.7	5.1	7.7	

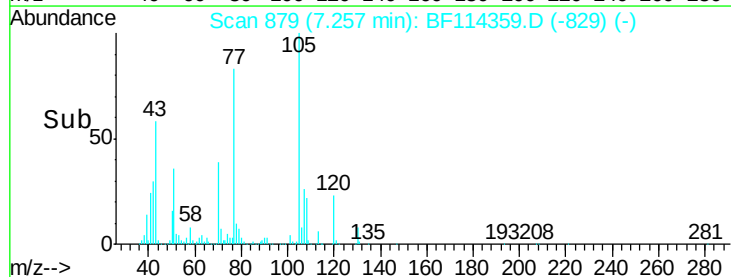
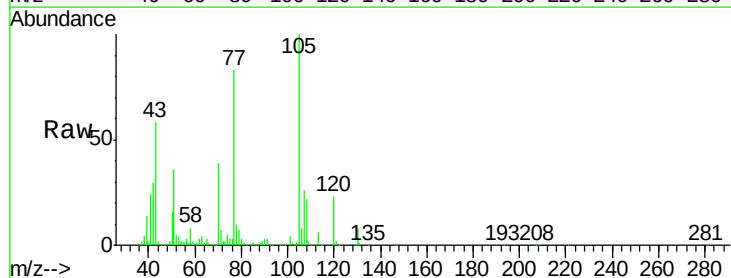
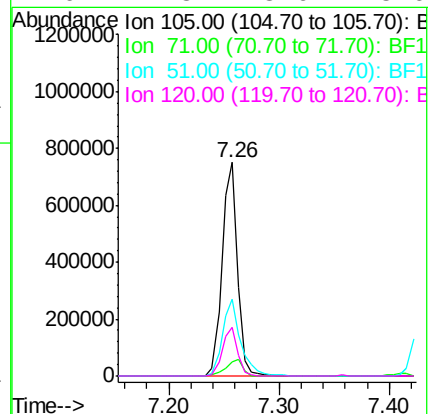
Manual Integrations
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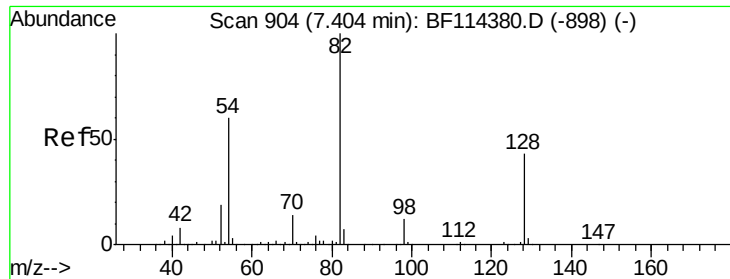
mohammad
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#22
Acetophenone
Concen: 43.848 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	720407		
71	6.8	5.3	7.9	
51	35.9	36.2	54.4#	
120	22.8	18.6	28.0	





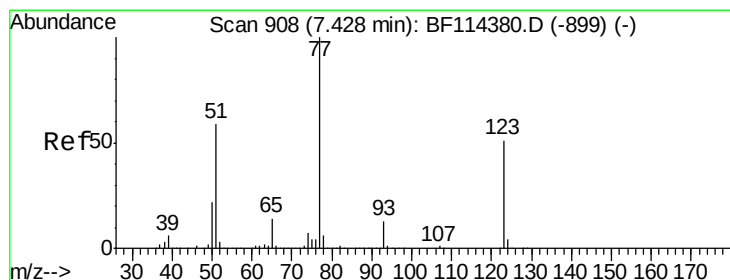
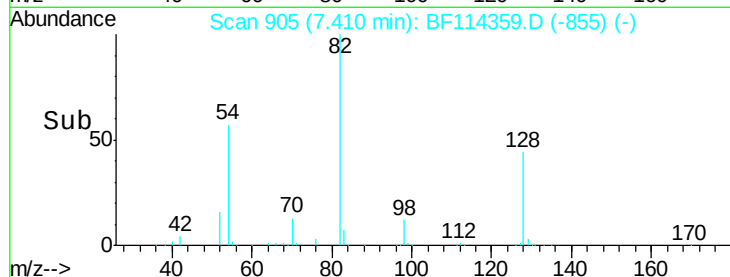
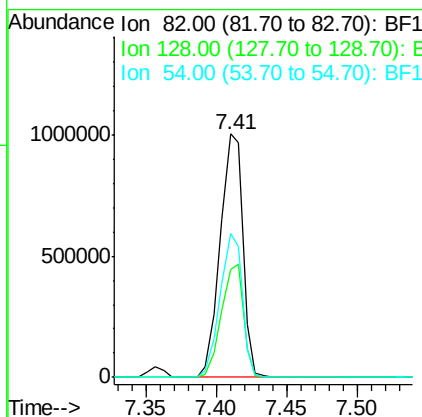
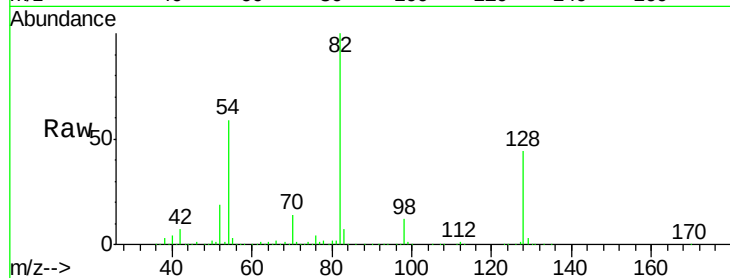
#23
 Nitrobenzene-d5
 Concen: 85.080 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampled :
 SB-04-9-10MS

Tgt Ion: 82 Resp: 1124340
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.5 53.3
 54 58.9 48.5 72.7

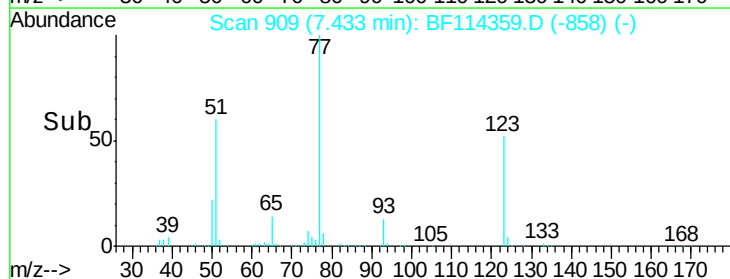
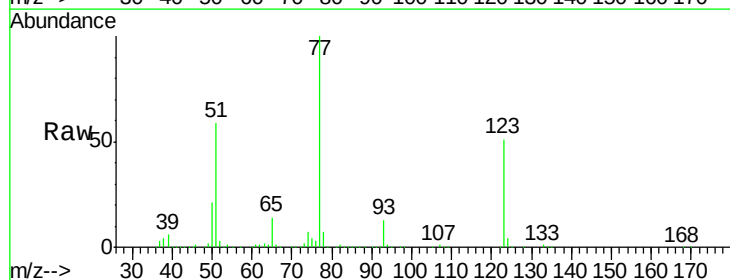
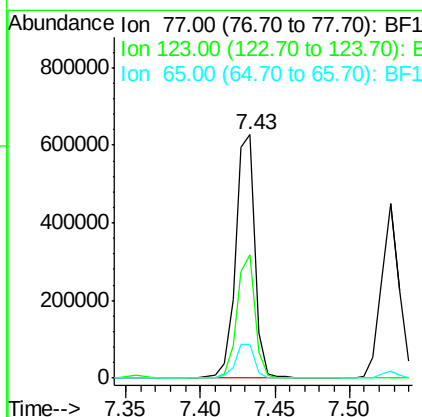
Manual Integrations
 APPROVED

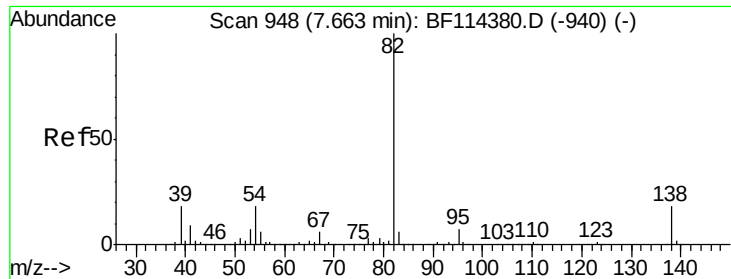
mohammad
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#24
 Nitrobenzene
 Concen: 41.943 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion: 77 Resp: 564537
 Ion Ratio Lower Upper
 77 100
 123 50.9 36.9 55.3
 65 13.8 11.8 17.6





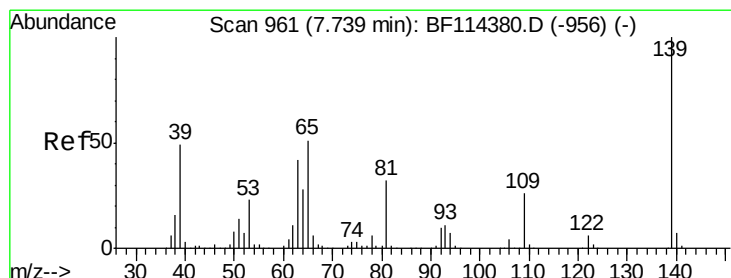
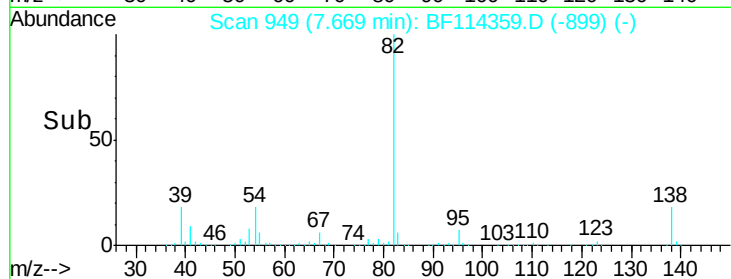
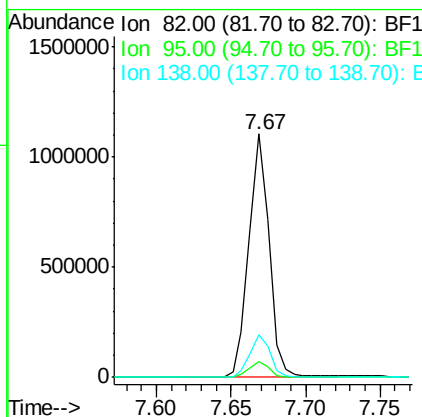
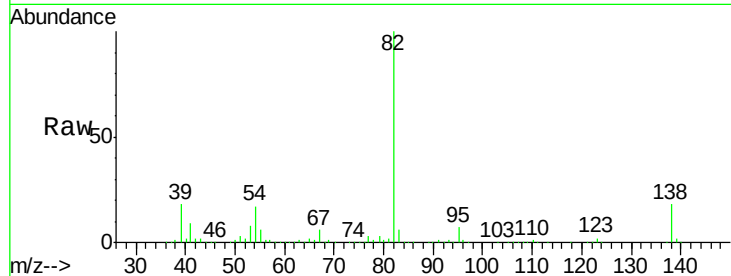
#25
Isophorone
Concen: 42.519 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion: 82 Resp: 1042093
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.6 14.8 22.2

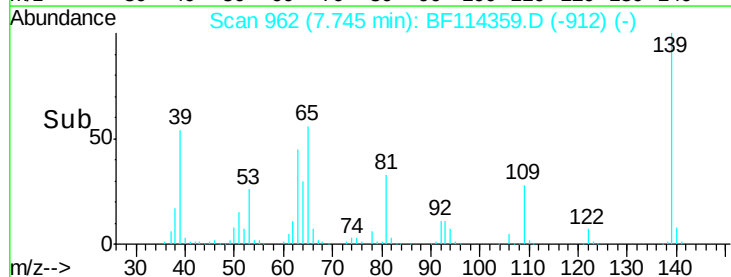
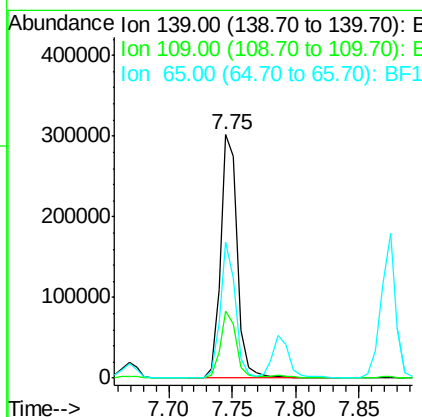
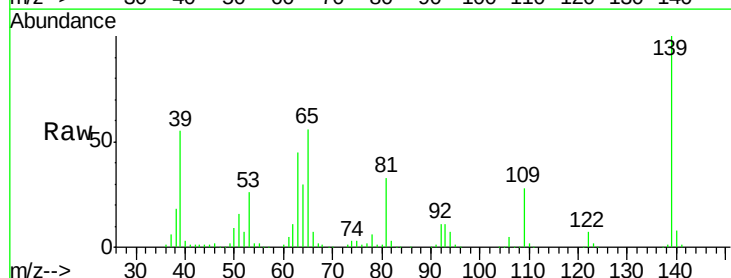
Manual Integrations
APPROVED

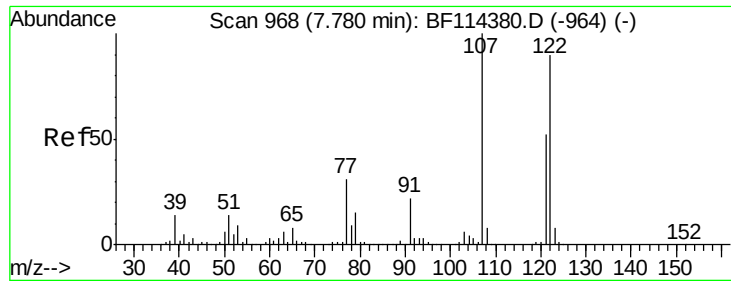
mohammad
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#26
2-Nitrophenol
Concen: 42.723 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 139 Resp: 278985
Ion Ratio Lower Upper
139 100
109 27.5 20.7 31.1
65 55.7 40.2 60.2





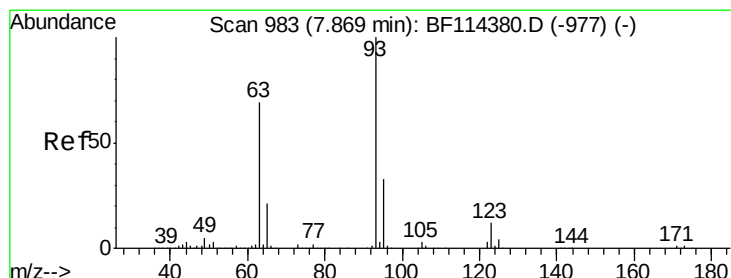
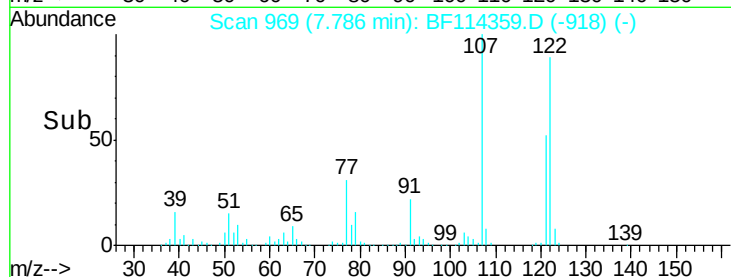
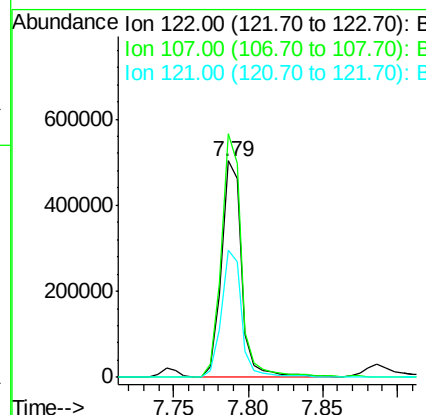
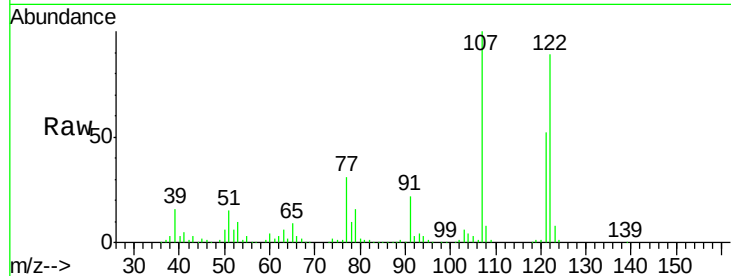
#27
2,4-Dimethylphenol
Concen: 47.327 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	485391		
107	112.4	88.4	132.6	
121	58.8	45.9	68.9	

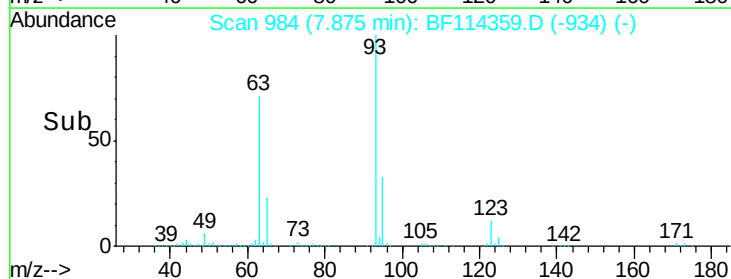
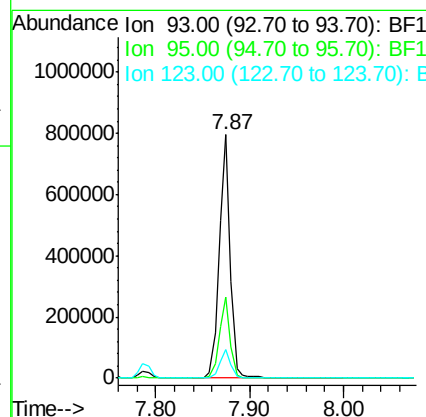
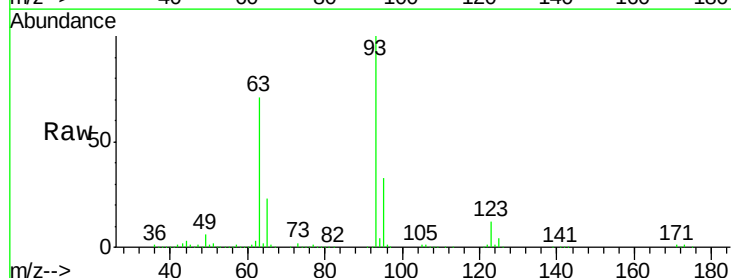
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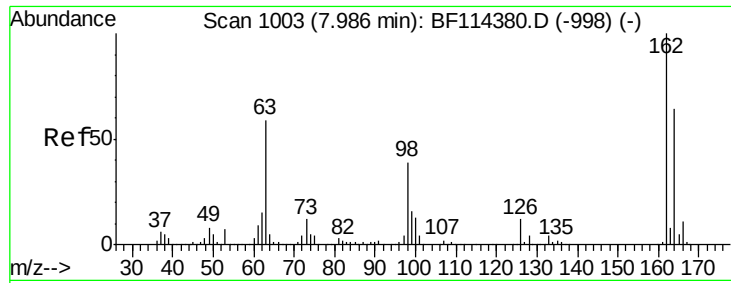
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.486 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	659724		
95	33.1	26.8	40.2	
123	11.8	9.5	14.3	





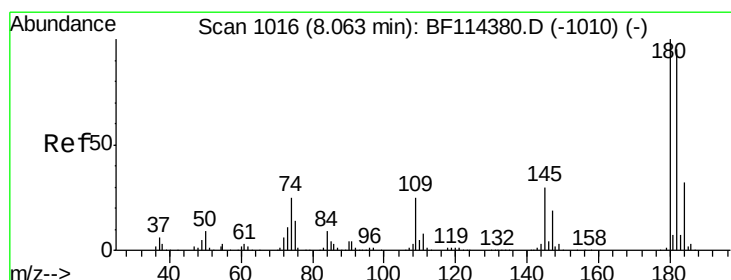
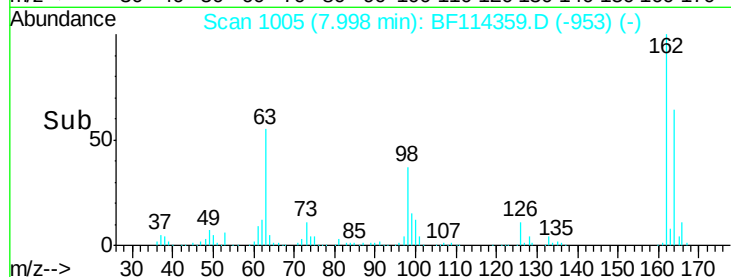
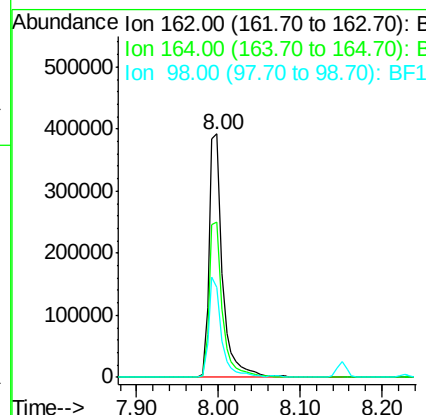
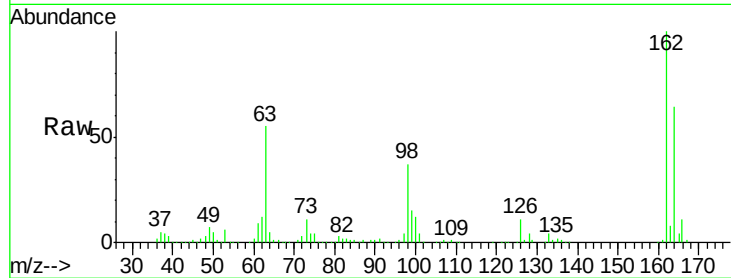
#29
2,4-Dichlorophenol
Concen: 44.078 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampled :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450157		
164	64.0	43.6	83.6	
98	36.9	20.6	60.6	

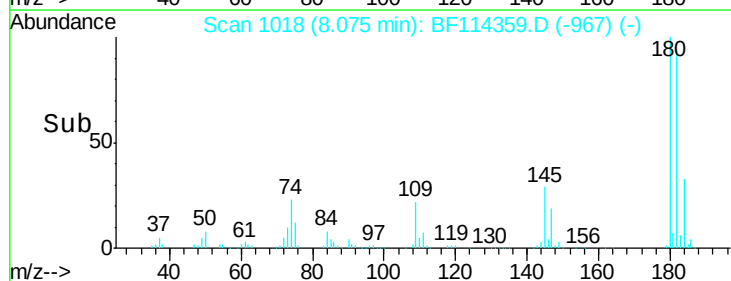
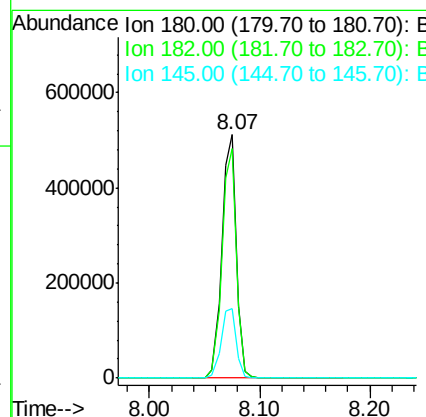
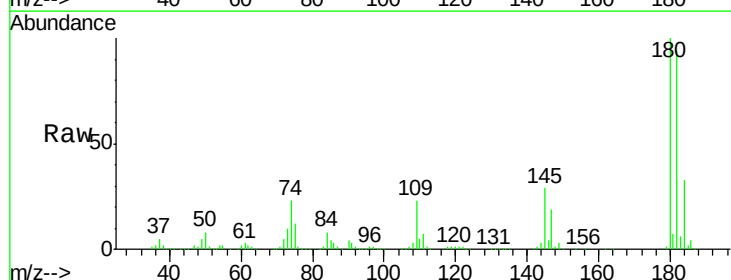
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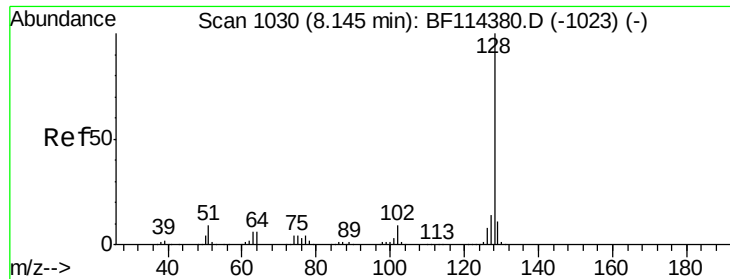
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#30
1,2,4-Trichlorobenzene
Concen: 40.032 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464890		
182	94.5	76.6	114.8	
145	28.5	25.1	37.7	





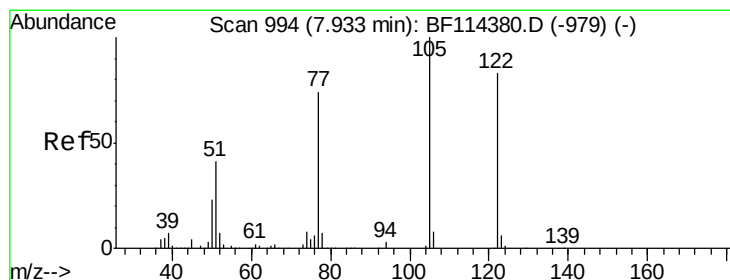
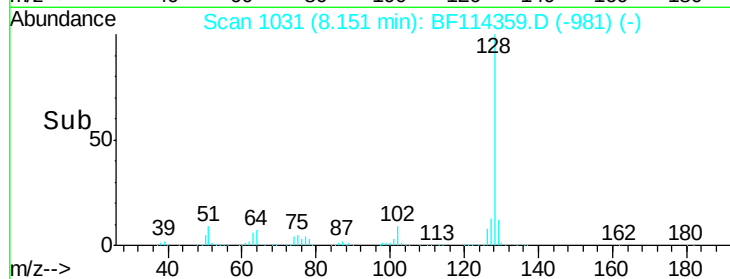
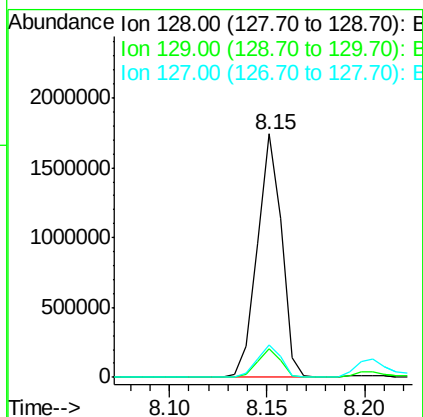
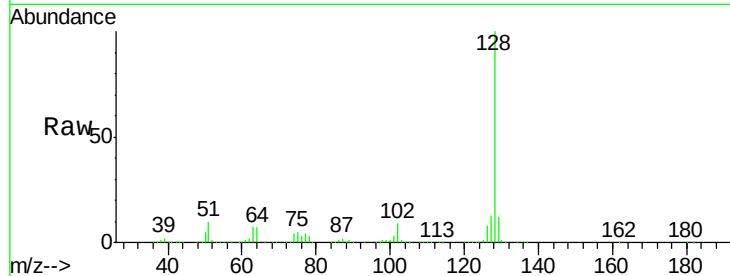
#31
Naphthalene
Concen: 43.352 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion:128 Resp: 1501849
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.4 11.3 16.9

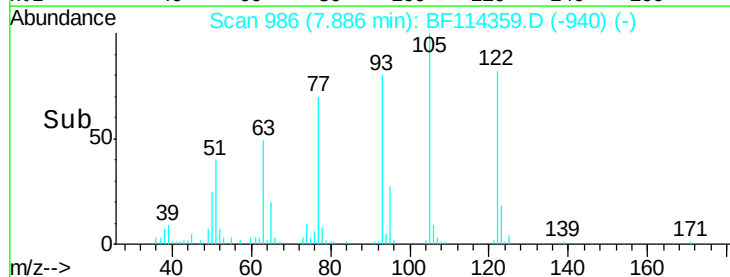
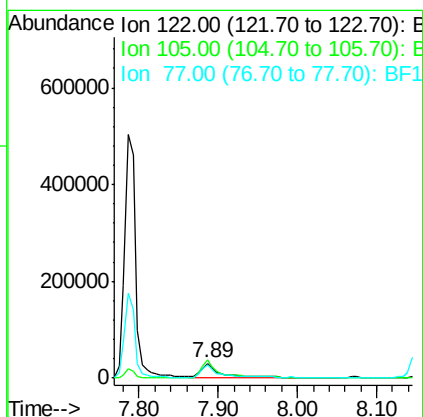
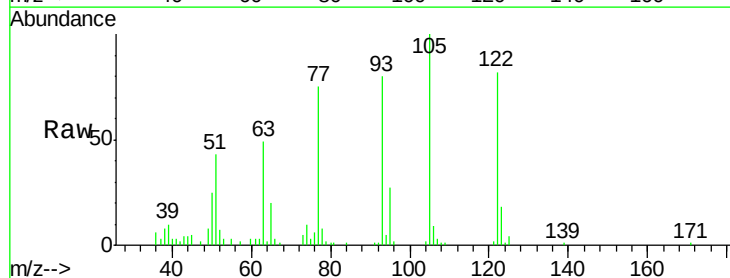
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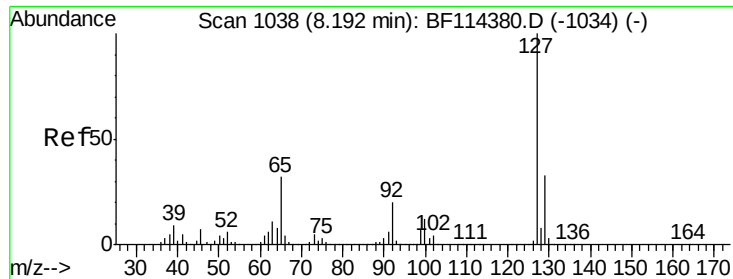
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#32
Benzoic acid
Concen: 13.487 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:122 Resp: 55387
Ion Ratio Lower Upper
122 100
105 121.4 99.9 139.9
77 91.2 69.4 109.4





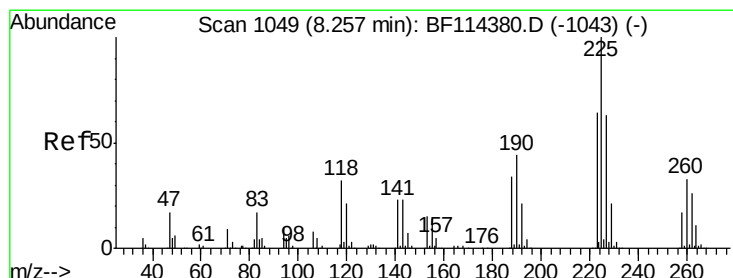
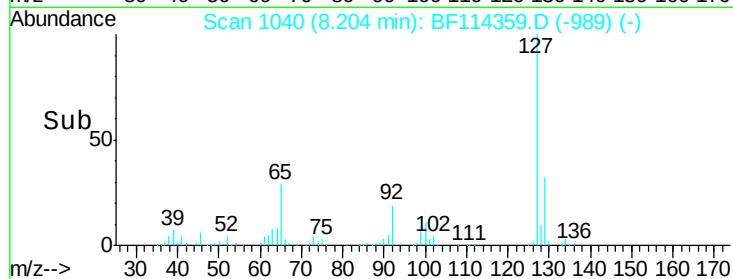
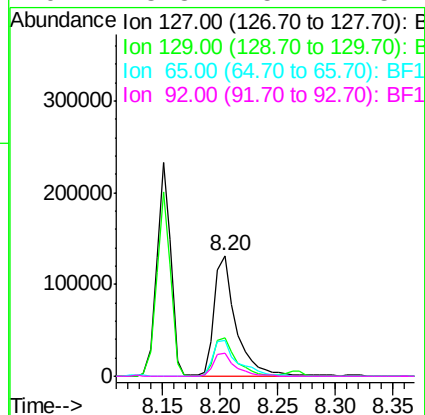
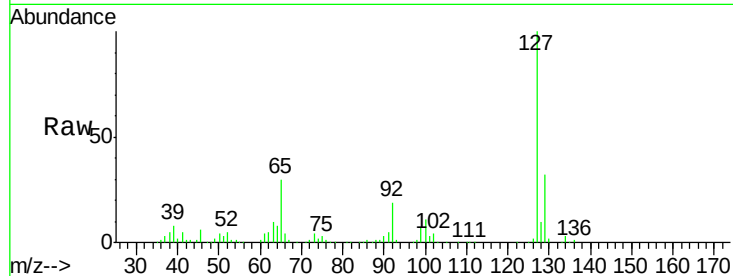
#33
 4-Chloroaniline
 Concen: 10.792 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	170361		
129	32.3	26.7	40.1	
65	29.6	25.4	38.0	
92	18.8	15.4	23.2	

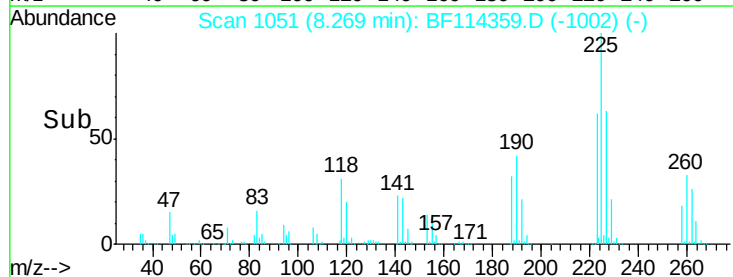
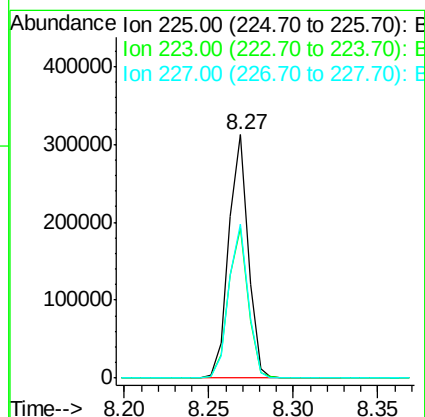
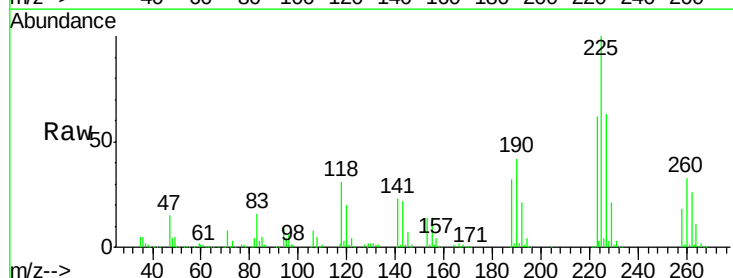
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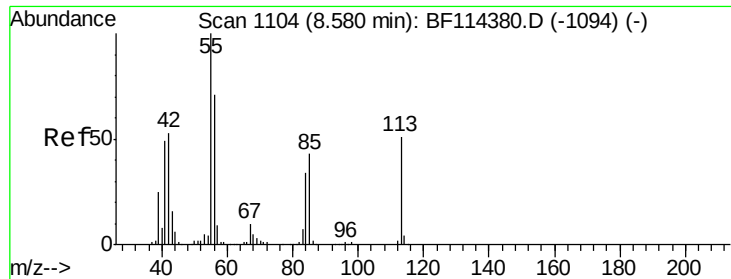
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#34
 Hexachlorobutadiene
 Concen: 37.705 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	249143		
223	61.6	50.2	75.2	
227	63.2	52.6	79.0	





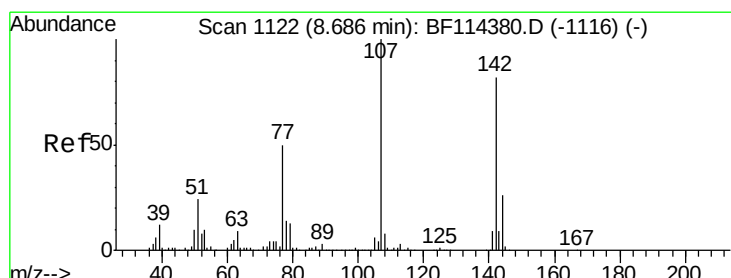
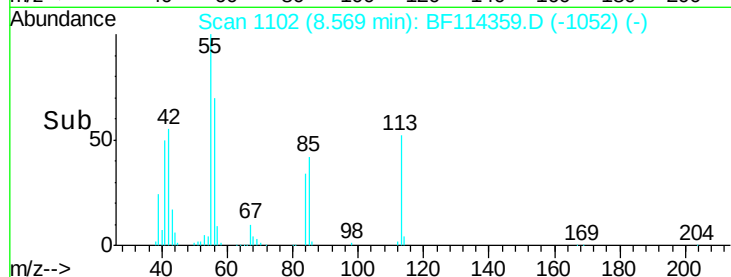
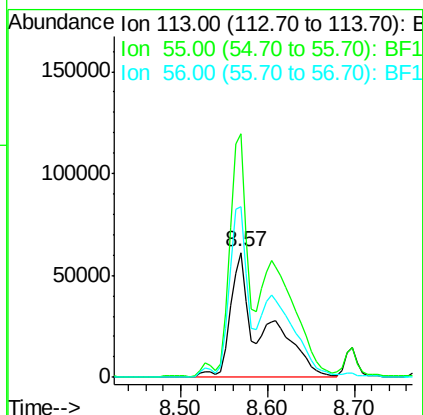
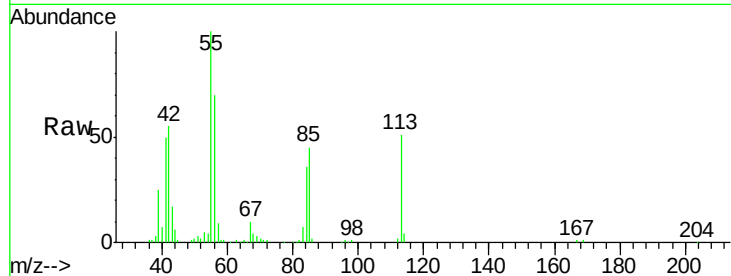
#35
 Caprolactam
 Concen: 48.695 ng m
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	194.6	183.5	223.5
56	136.2	128.8	168.8

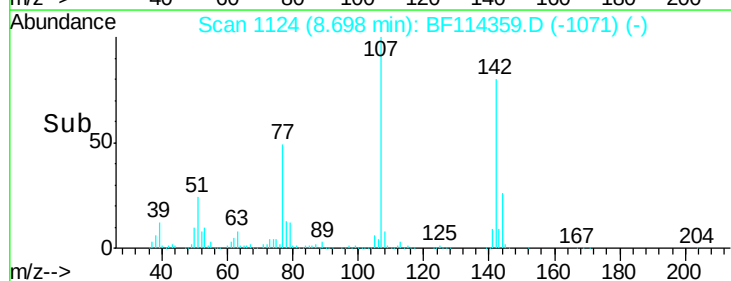
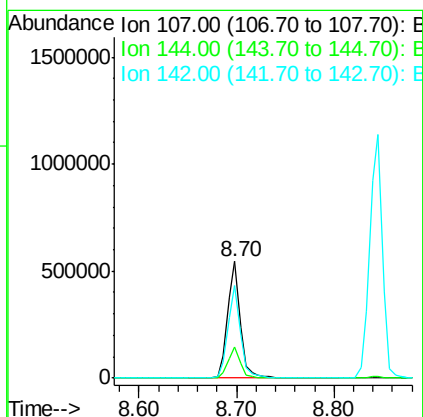
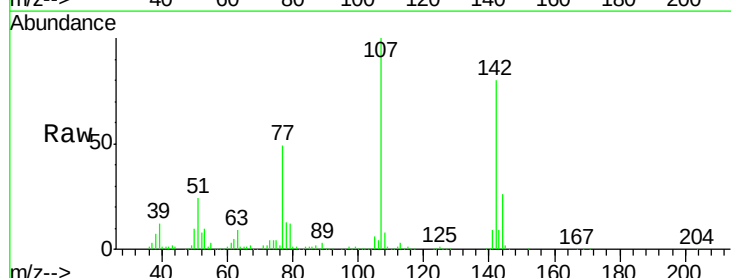
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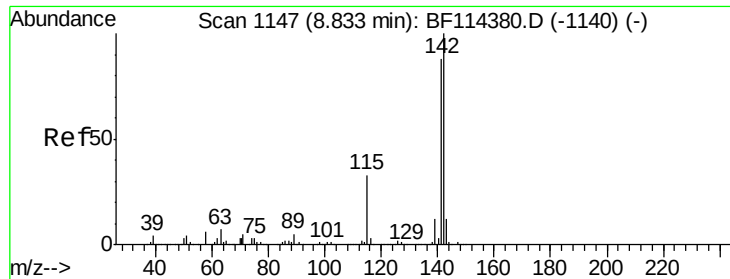
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#36
 4-Chloro-3-methylphenol
 Concen: 48.228 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.4	30.6
142	79.6	64.2	96.4





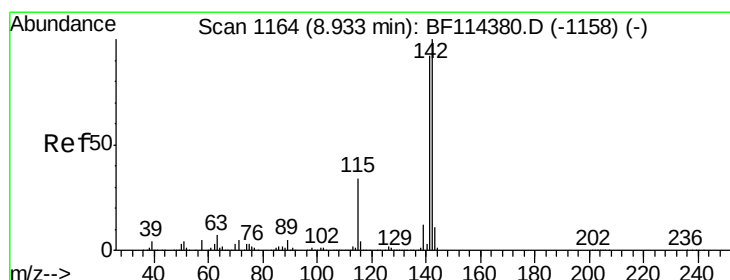
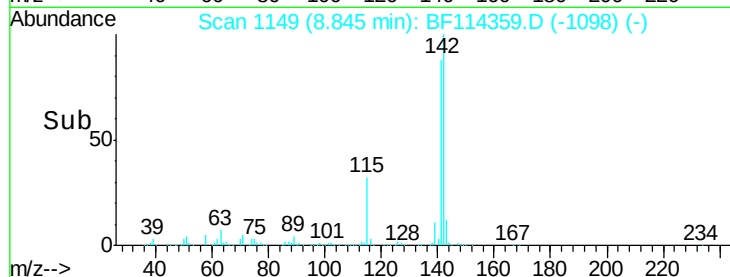
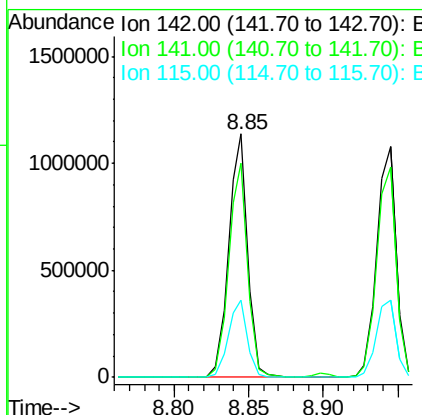
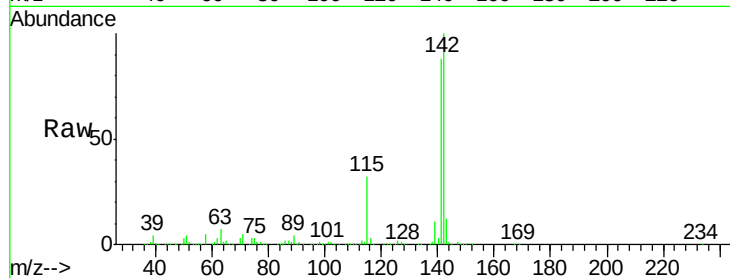
#37
 2-Methylnaphthalene
 Concen: 45.862 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion:142 Resp: 1025076
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.1 108.1
 115 31.8 28.0 42.0

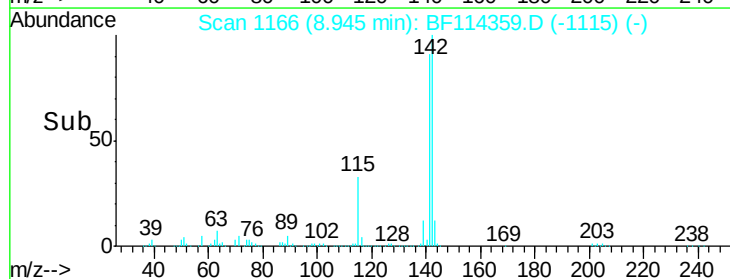
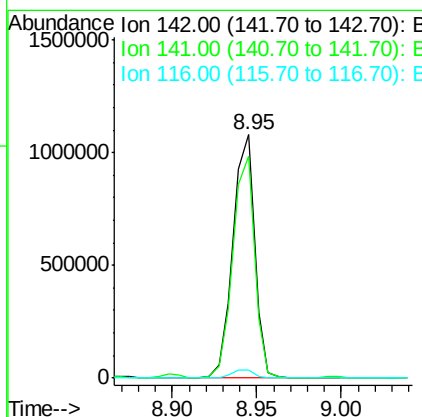
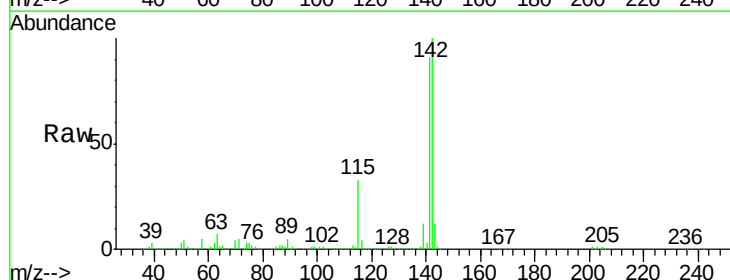
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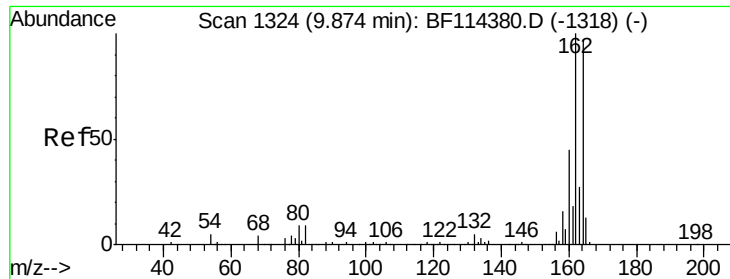
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#38
 1-Methylnaphthalene
 Concen: 45.808 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion:142 Resp: 964200
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.4 110.0
 116 3.5 3.1 4.7





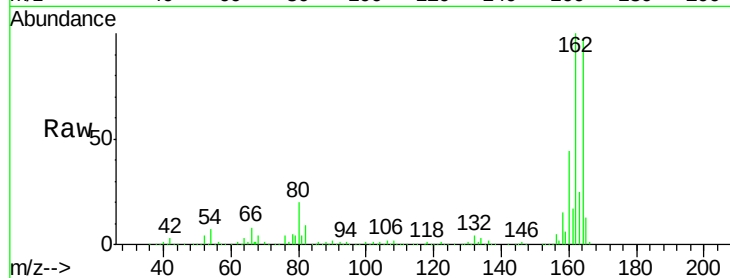
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

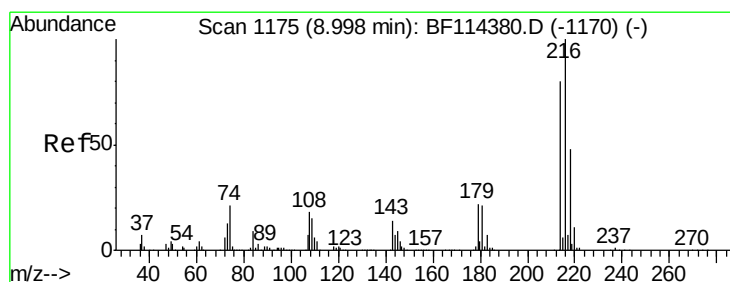
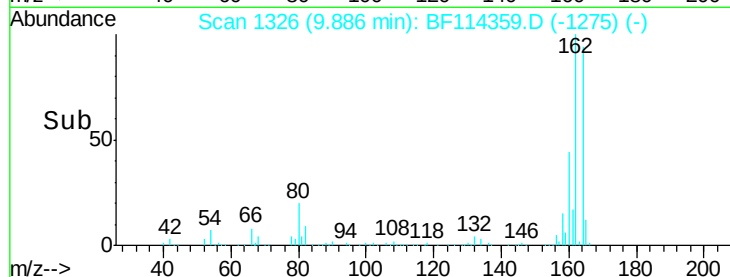
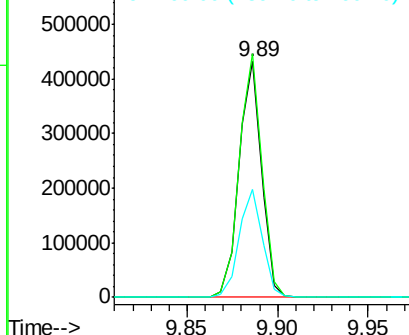
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	80.6	120.8	
160	45.8	36.5	54.7	

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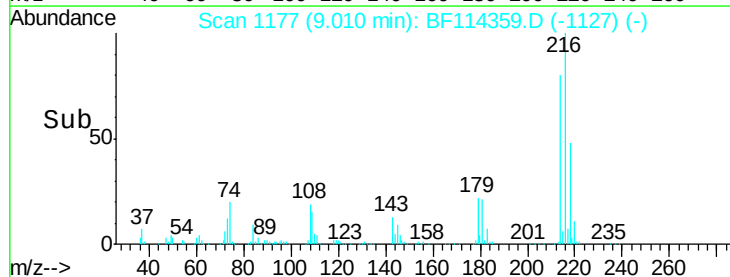
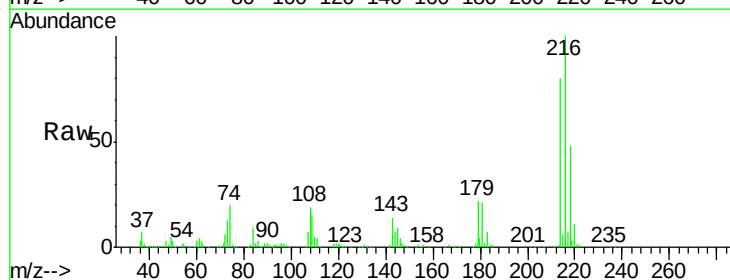
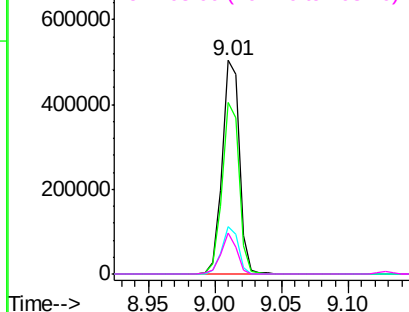
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

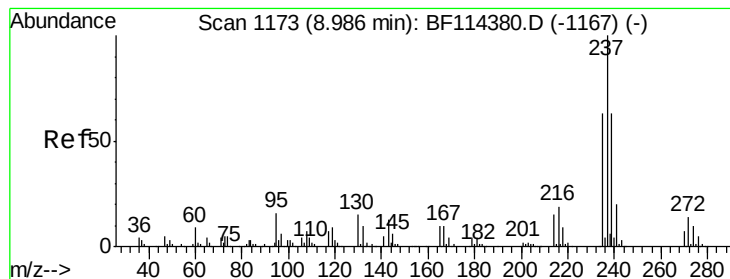


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.334 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.9	95.9	
179	21.3	17.0	25.6	
108	17.4	14.8	22.2	

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: 10.859 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

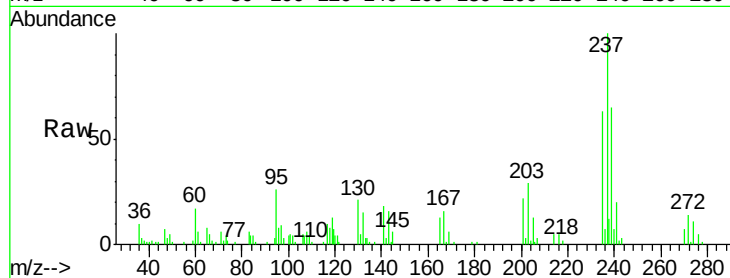
ClientSampled :

SB-04-9-10MS

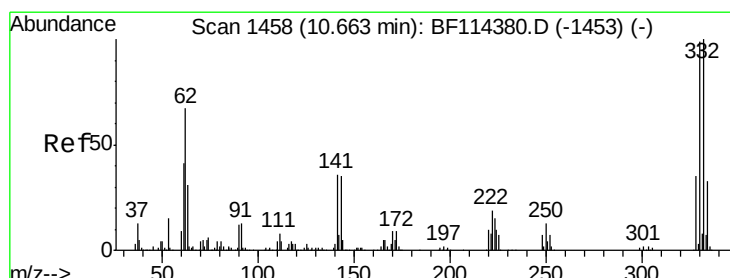
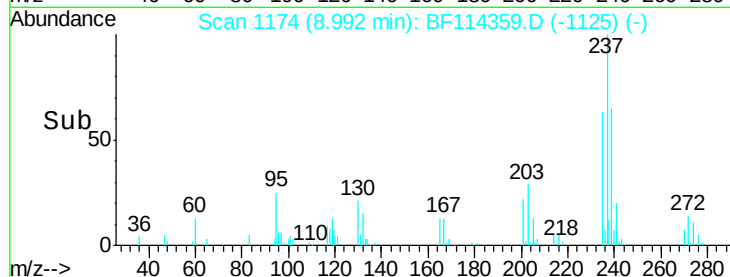
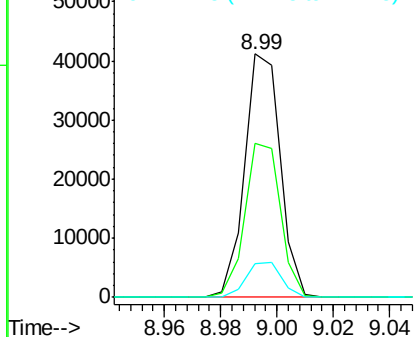
Tgt Ion:	237	Resp:	36075
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.0	82.0
272	14.1	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 126.096 ng

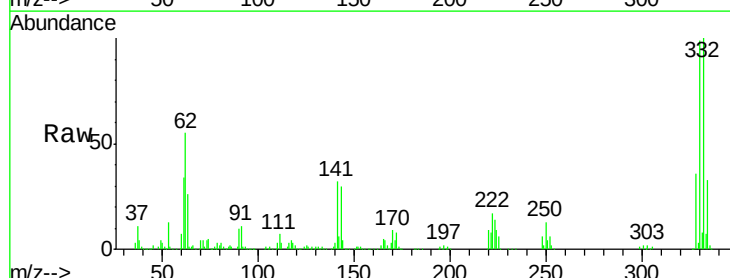
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

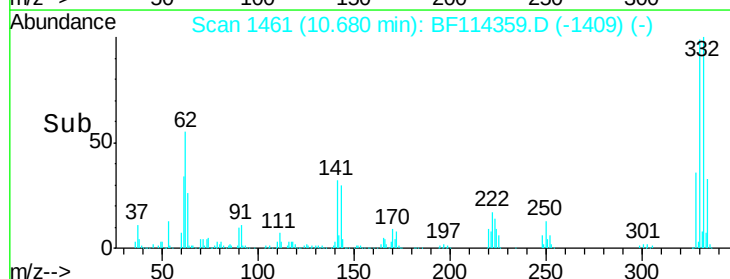
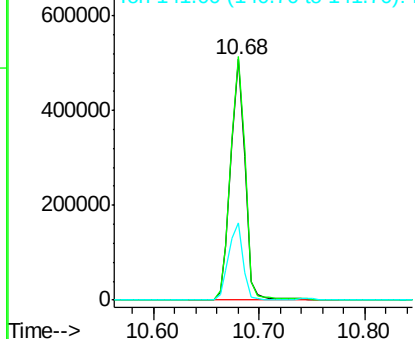
Lab File: BF114359.D

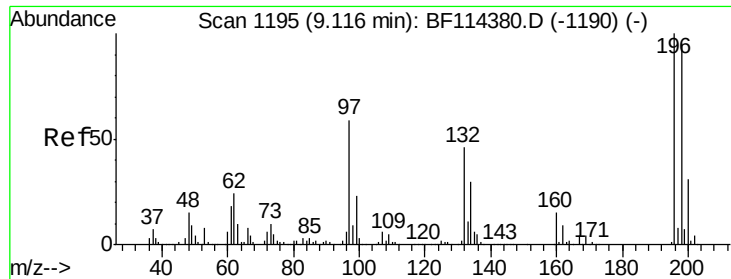
Acq: 17 May 2019 19:25

Tgt Ion:	330	Resp:	482351
Ion Ratio	Lower	Upper	
330	100		
332	102.9	81.4	122.2
141	32.6	26.6	40.0



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





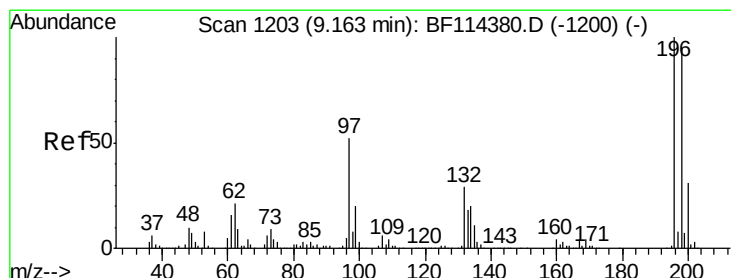
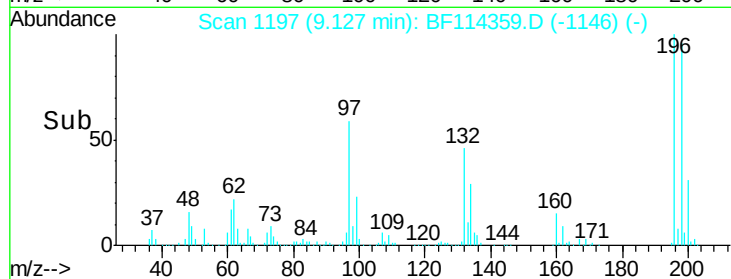
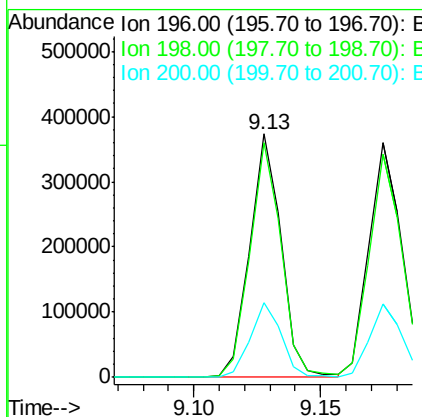
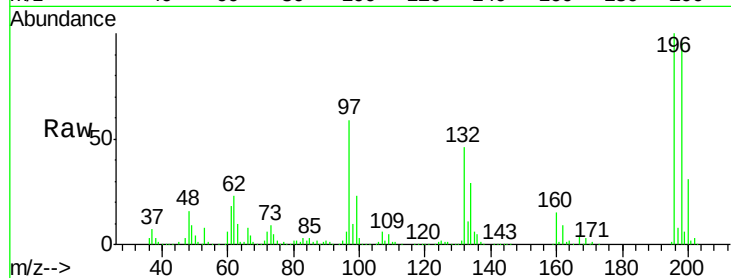
#43
 2,4,6-Trichlorophenol
 Concen: 41.896 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322995		
198	96.3	75.9	113.9	
200	30.6	23.5	35.3	

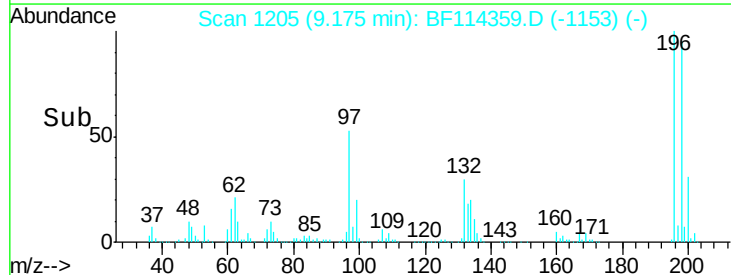
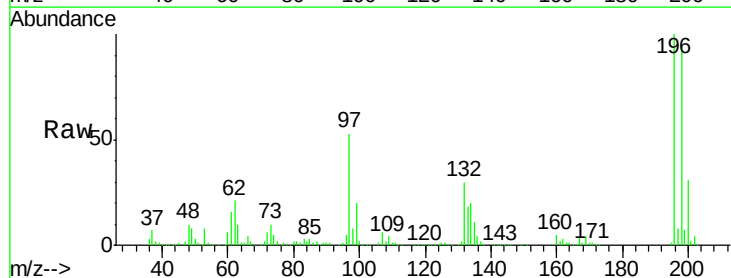
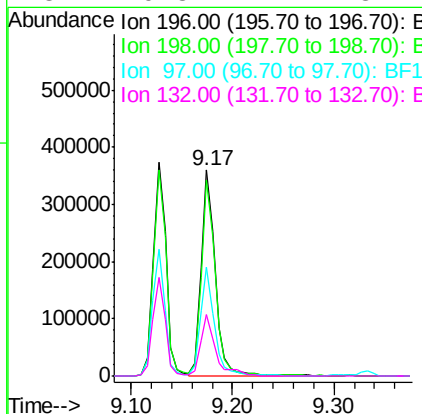
Manual Integrations
 APPROVED

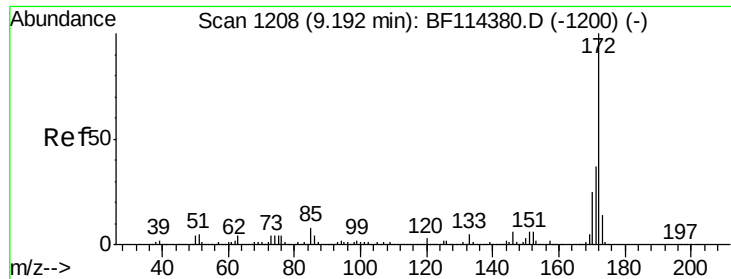
mohammad
 5/21/2019 2:16:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348256		
198	94.9	77.7	116.5	
97	53.0	38.2	57.2	
132	29.8	21.4	32.2	





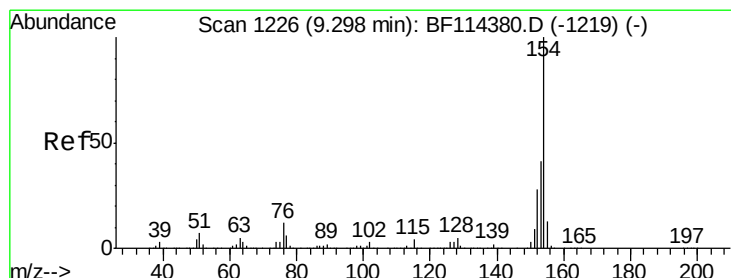
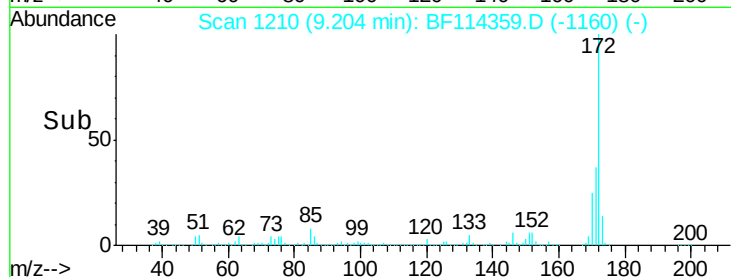
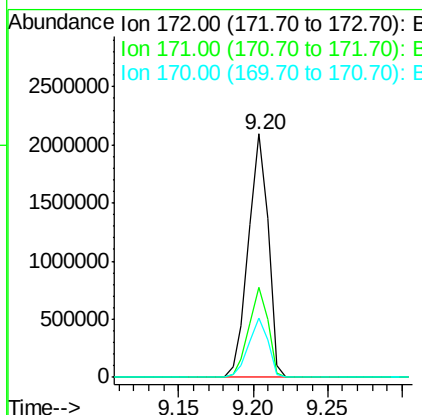
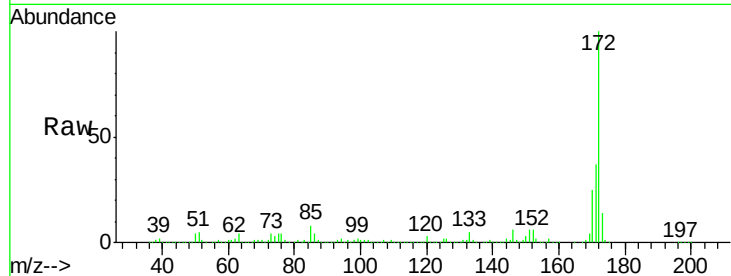
#45
2-Fluorobiphenyl
Concen: 78.553 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion:172 Resp: 1921473
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 24.6 20.5 30.7

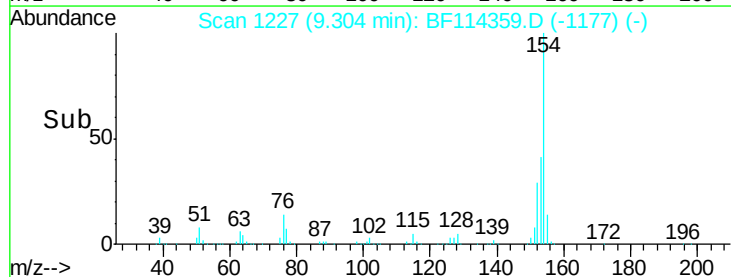
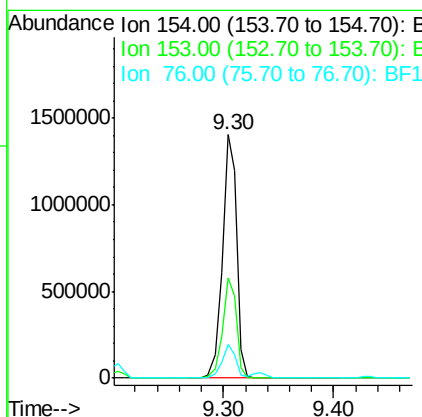
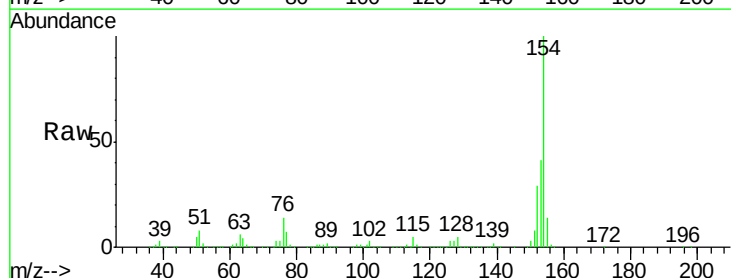
Manual Integrations
APPROVED

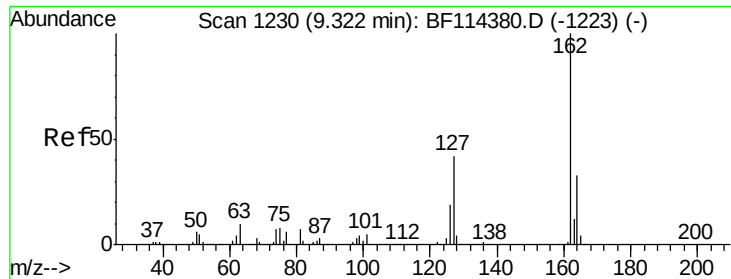
mohammad
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#46
1,1'-Biphenyl
Concen: 42.023 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:154 Resp: 1256141
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 13.6 0.0 32.8





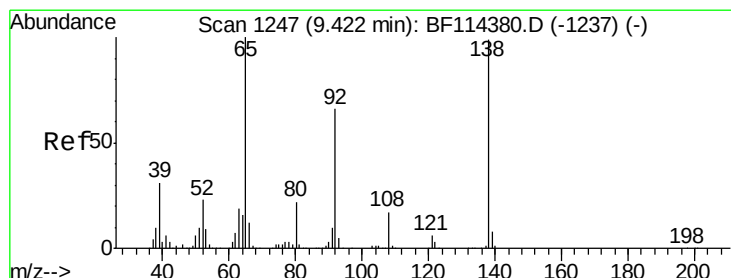
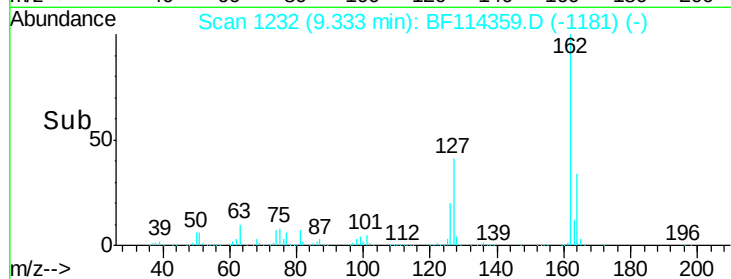
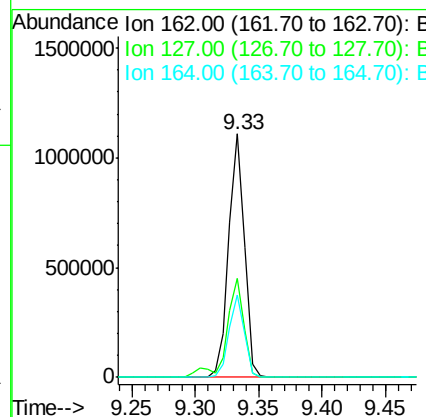
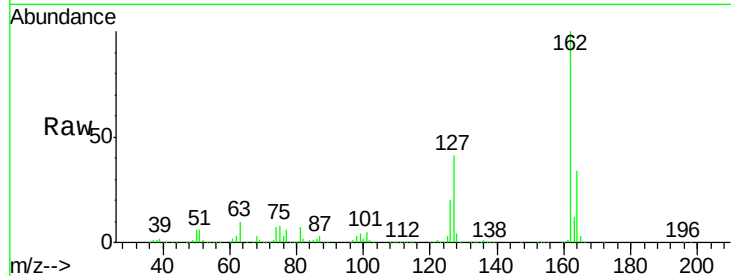
#47
 2-Chloronaphthalene
 Concen: 39.837 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	958344		
127	40.5	34.0	51.0	
164	33.7	26.7	40.1	

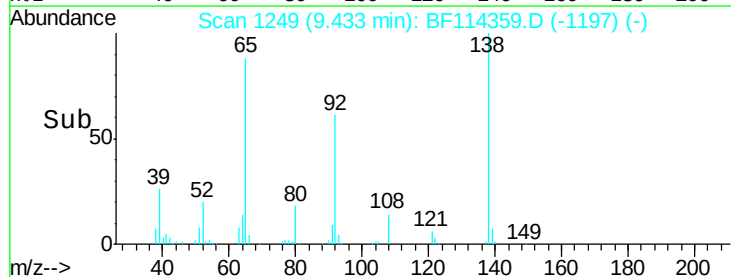
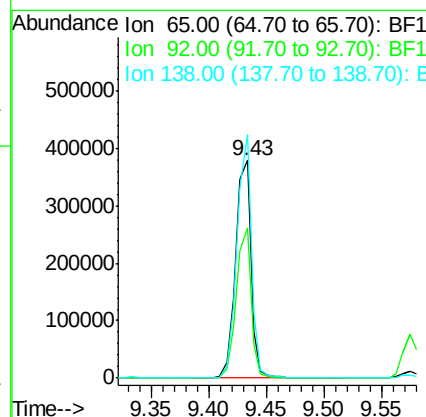
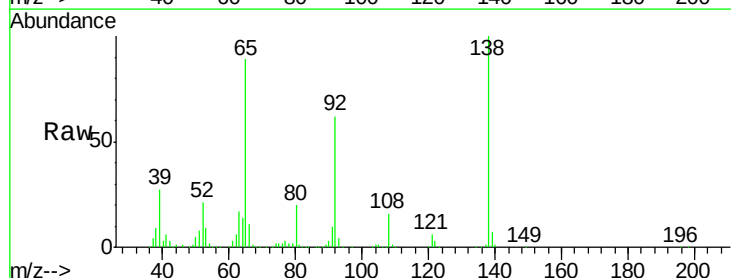
Manual Integrations
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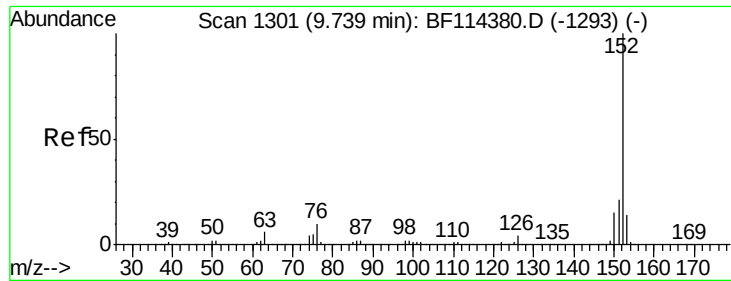
mohammad
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#48
 2-Nitroaniline
 Concen: 41.557 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	354547		
92	68.8	53.9	80.9	
138	111.9	81.4	122.0	





#49

Acenaphthylene

Concen: 42.888 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MS

Tgt Ion:152 Resp: 1569224

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

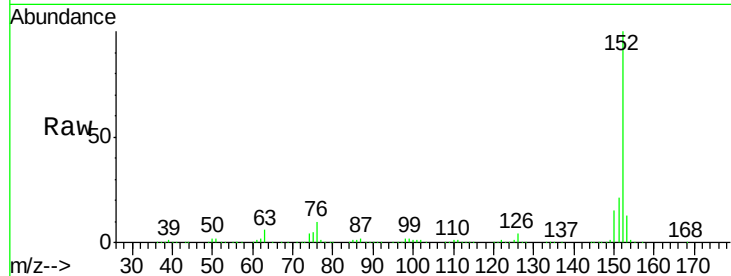
153 13.4 11.4 17.2

Manual Integrations

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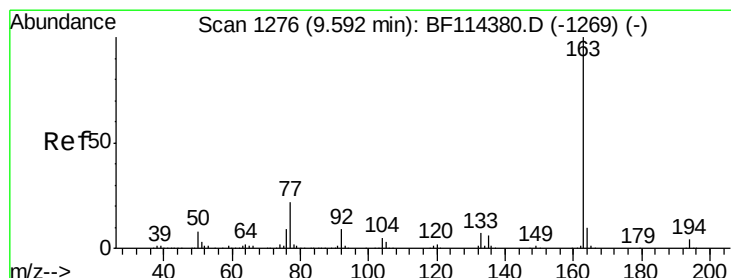
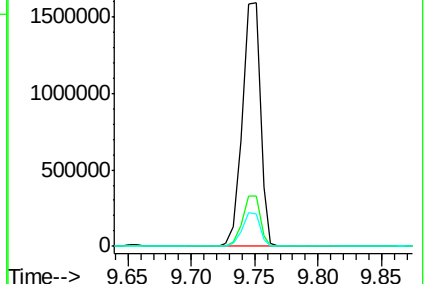
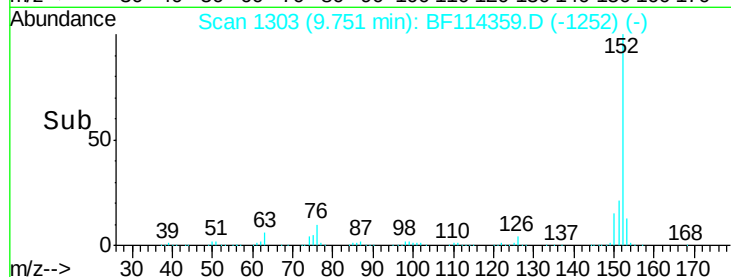
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.915 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

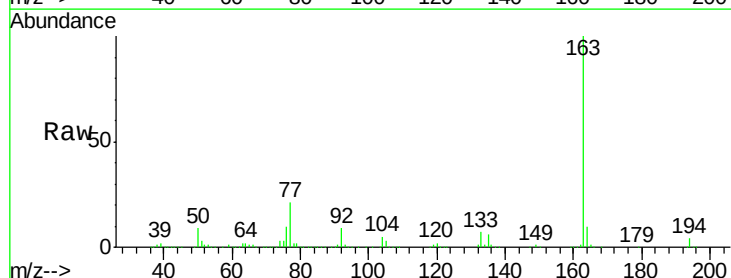
Tgt Ion:163 Resp: 1437283

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

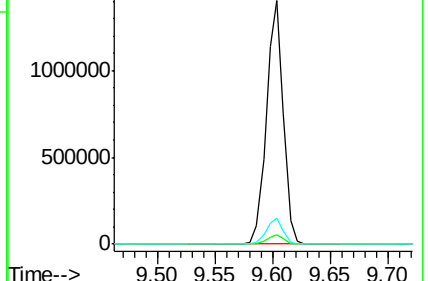
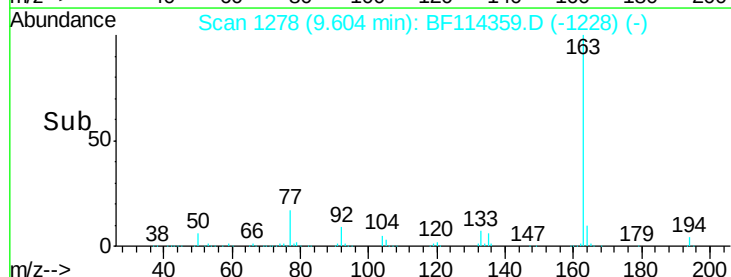
164 10.5 8.2 12.2

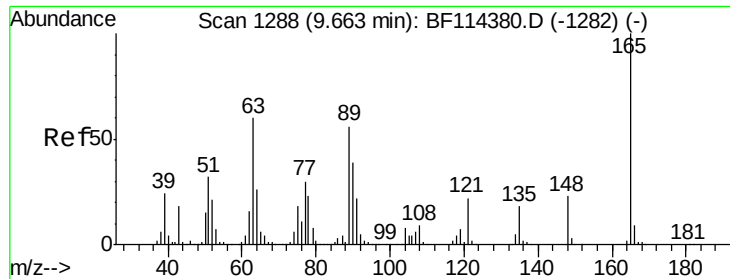


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.736 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

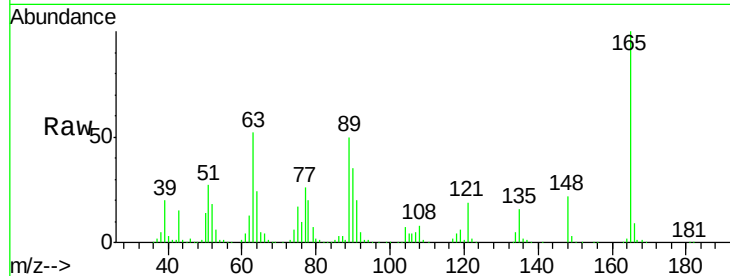
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	165	Resp:	263490
Ion Ratio	Lower	Upper	
165	100		
63	52.4	50.2	75.4
89	49.5	46.6	69.8

Manual Integrations
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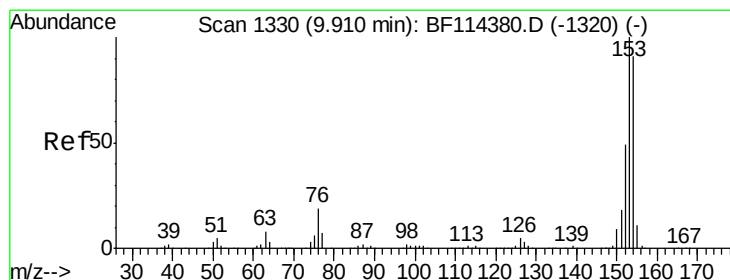
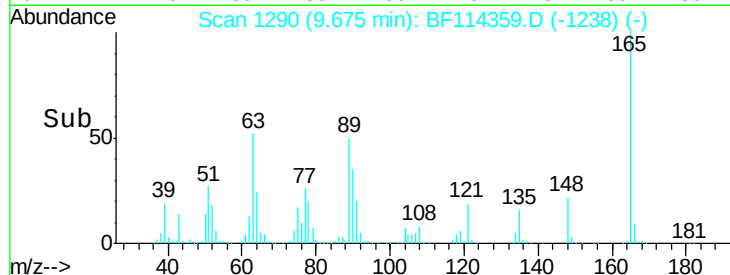
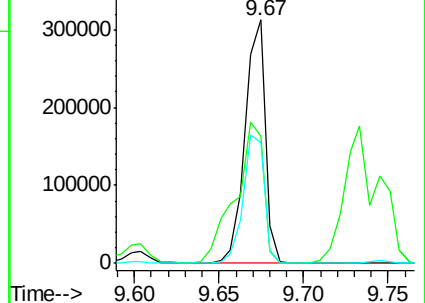
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.689 ng

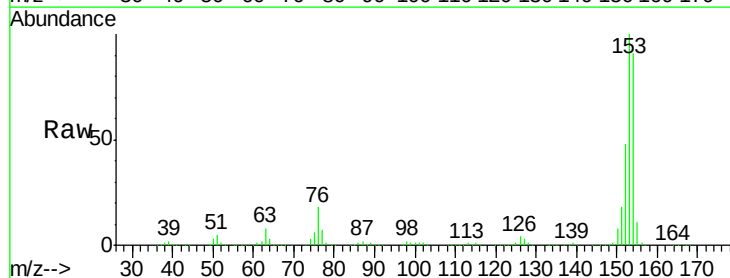
RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

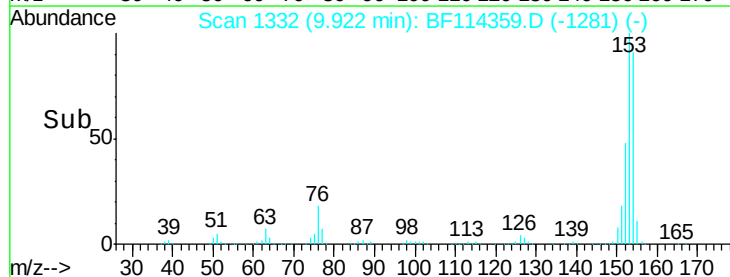
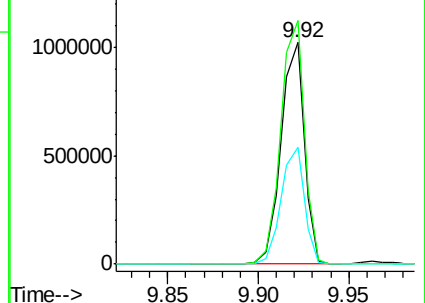
Tgt Ion:	154	Resp:	913562
Ion Ratio	Lower	Upper	
154	100		
153	110.0	90.5	135.7
152	52.9	43.4	65.2

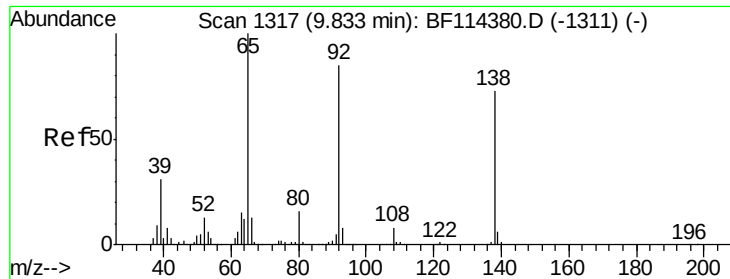


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





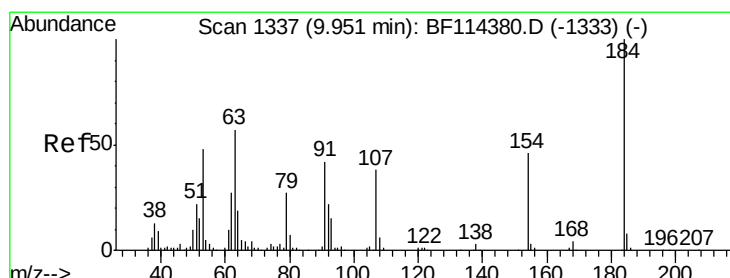
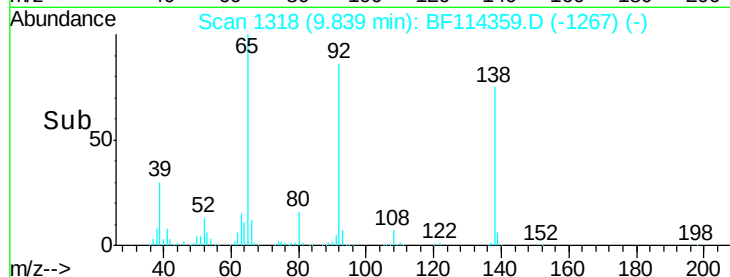
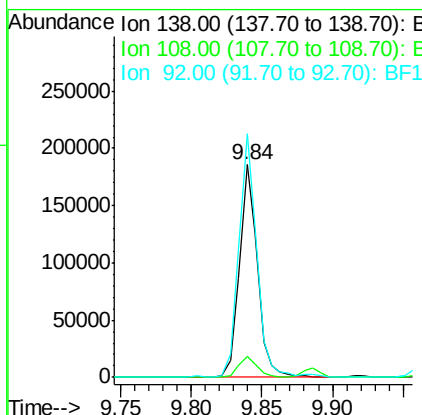
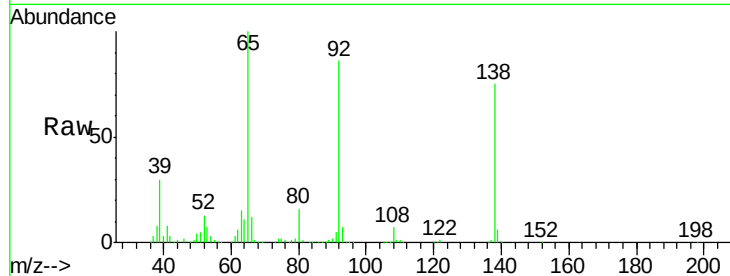
#53
3-Nitroaniline
Concen: 22.094 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165234		
108	10.0	7.8	11.6	
92	114.5	91.2	136.8	

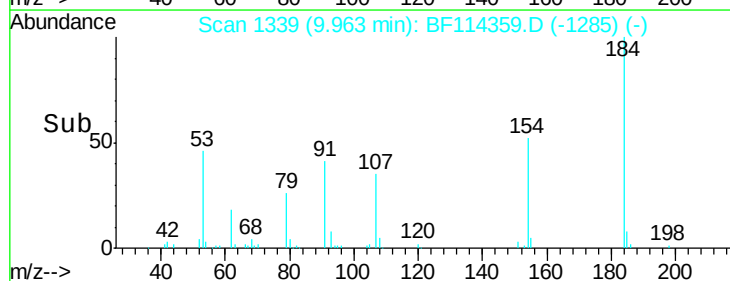
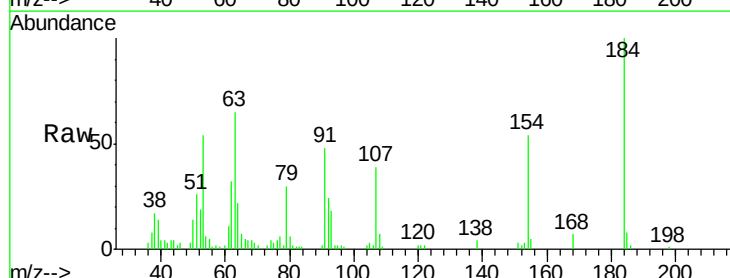
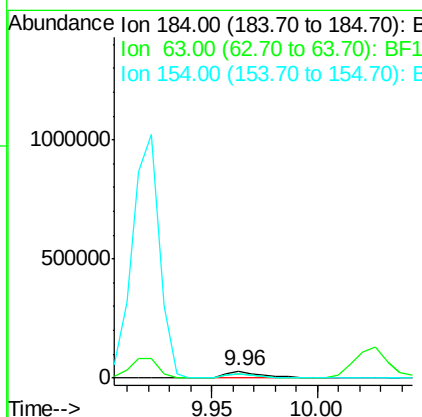
Manual Integrations
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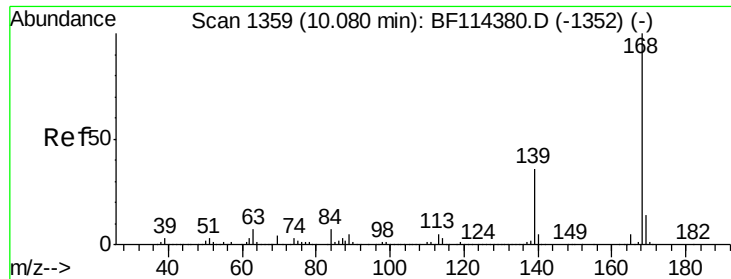
mohammad
5/21/2019 2:16:09 PM



#54
2,4-Dinitrophenol
Concen: 17.810 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	36606		
63	65.0	55.6	83.4	
154	53.7	46.0	69.0	





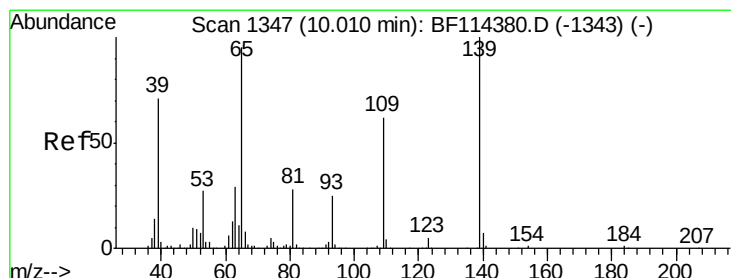
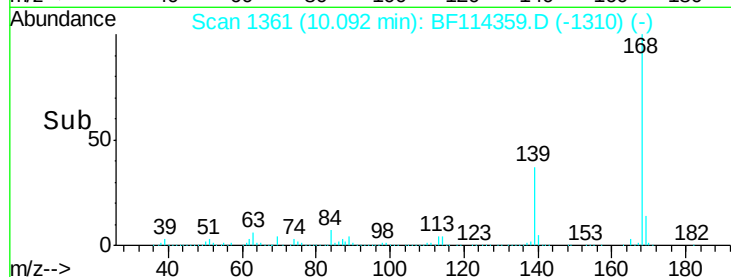
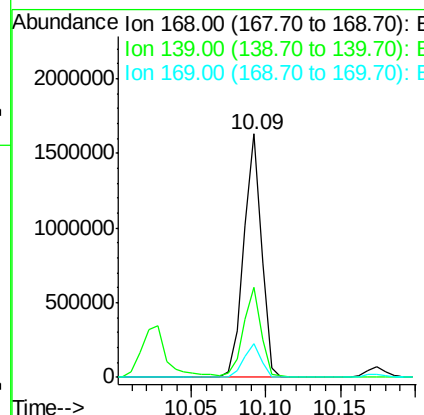
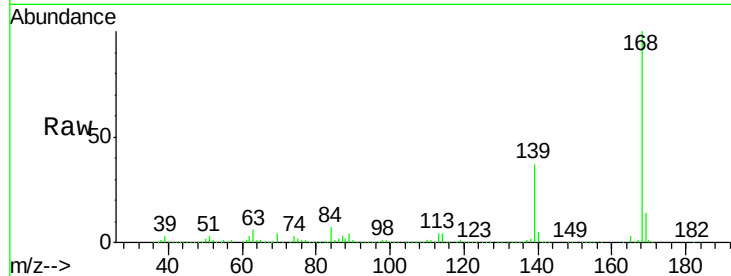
#55
Dibenzenofuran
Concen: 41.115 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	13.9	11.4	17.0

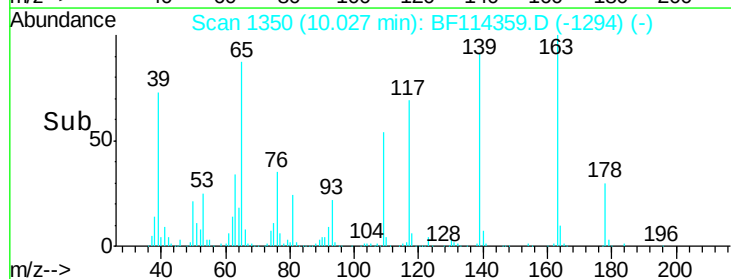
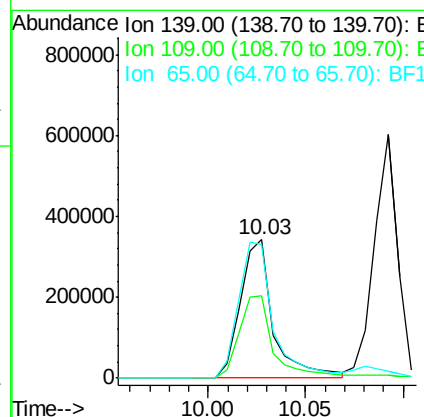
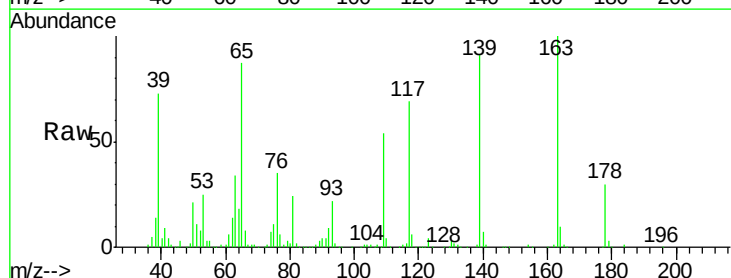
Manual Integrations
APPROVED

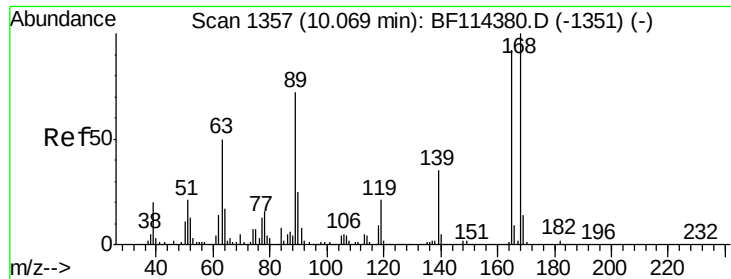
mohammad
5/21/2019 2:16:09 PM



#56
4-Nitrophenol
Concen: 75.823 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.6	43.9	83.9
65	96.3	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 41.878 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

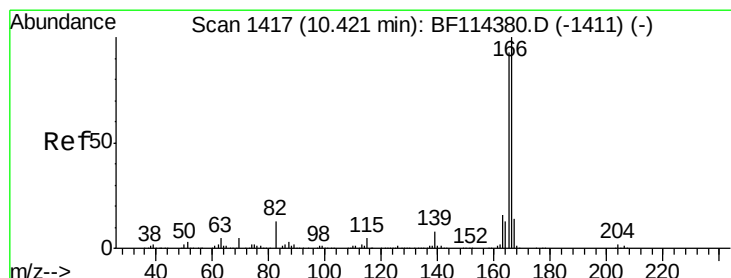
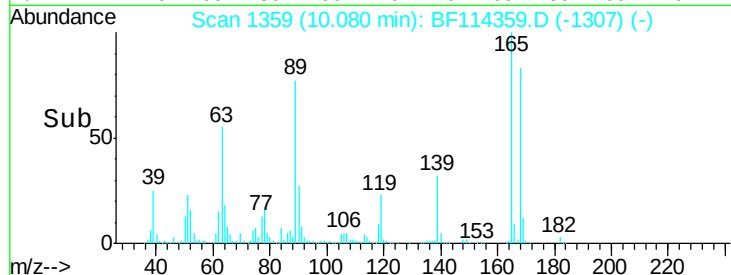
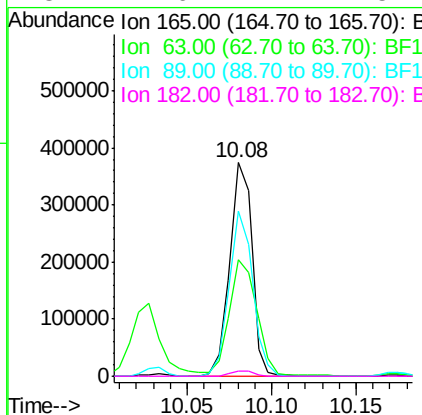
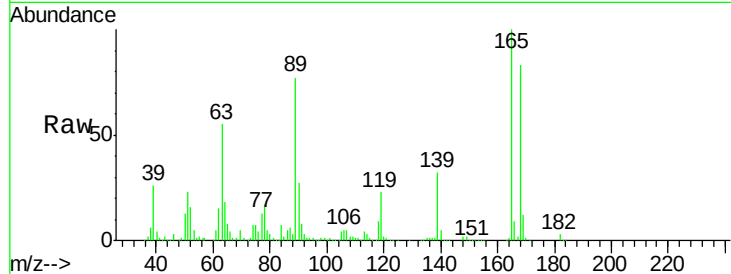
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	165	Resp:	342441
Ion Ratio	Lower	Upper	
165	100		
63	54.8	35.5	53.3#
89	77.0	55.2	82.8
182	2.6	2.2	3.2

Manual Integrations
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#58

Fluorene

Concen: 43.710 ng

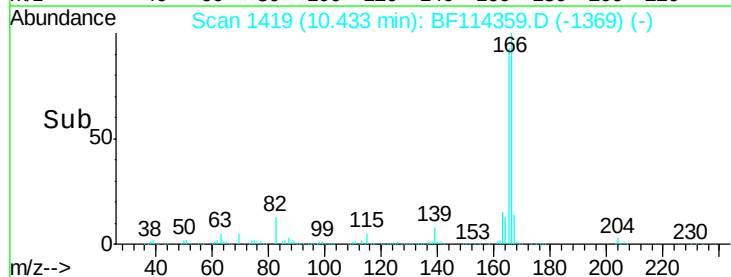
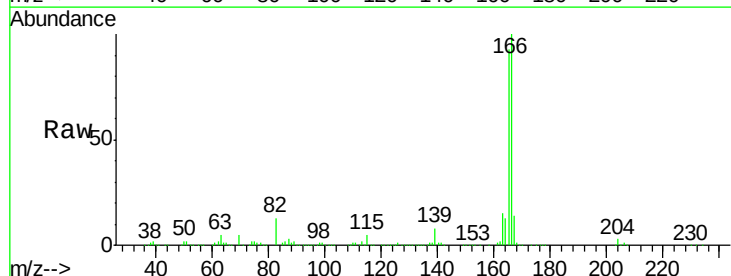
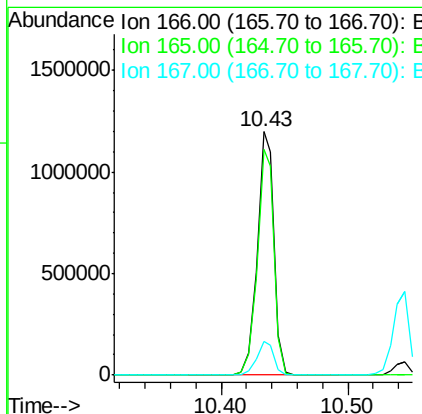
RT: 10.43 min Scan# 1419

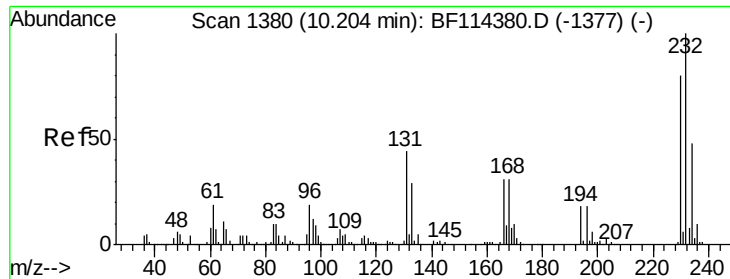
Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	166	Resp:	1111561
Ion Ratio	Lower	Upper	
166	100		
165	92.8	76.1	114.1
167	13.8	11.1	16.7





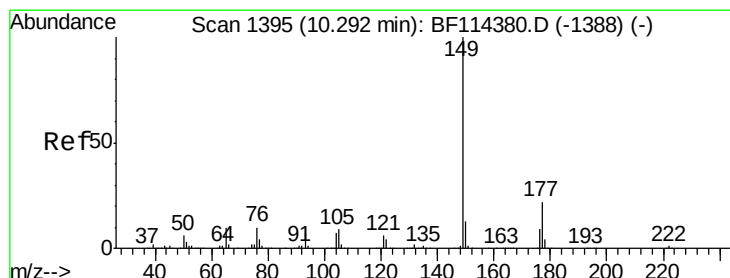
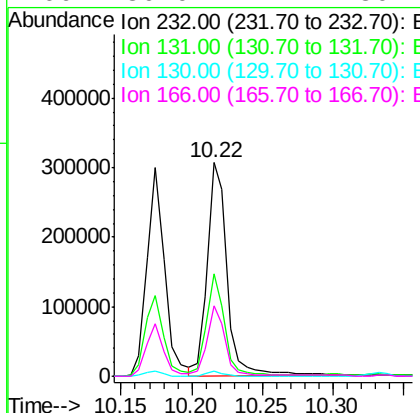
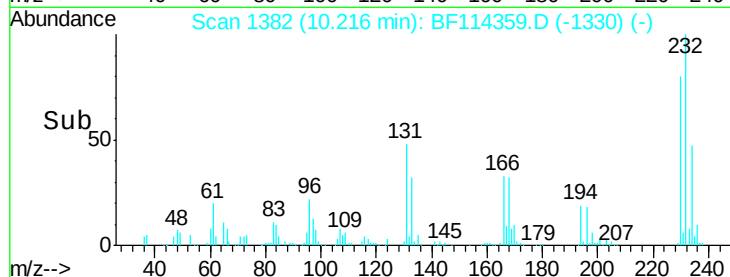
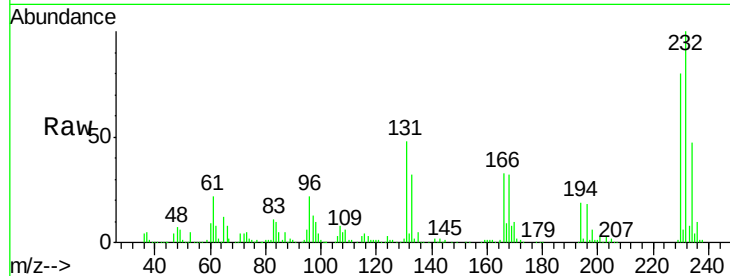
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.415 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	296175		
131	43.3	35.6	53.4	
130	2.1	1.6	2.4	
166	30.0	24.1	36.1	

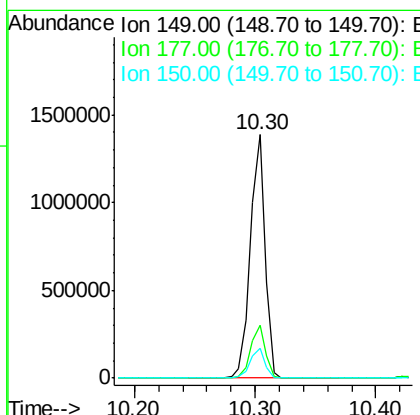
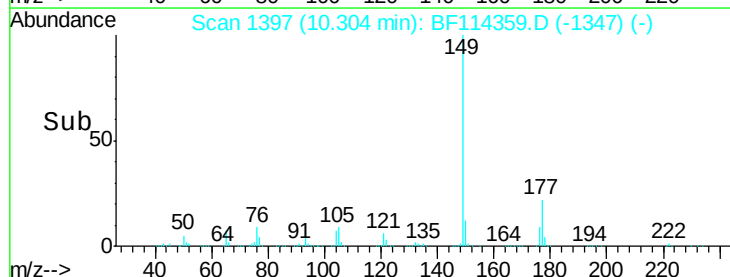
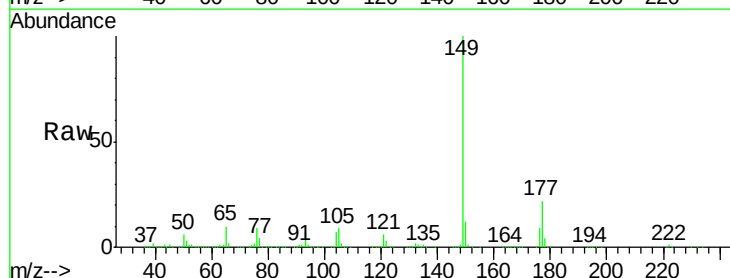
Manual Integrations
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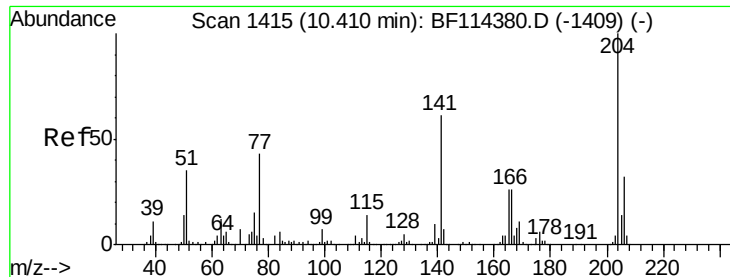
mohammad
 5/21/2019 2:16:09 PM



#60
 Diethylphthalate
 Concen: 43.033 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1187641		
177	21.8	17.8	26.6	
150	12.3	10.2	15.2	





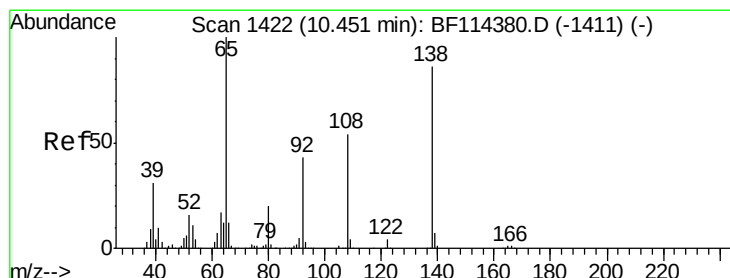
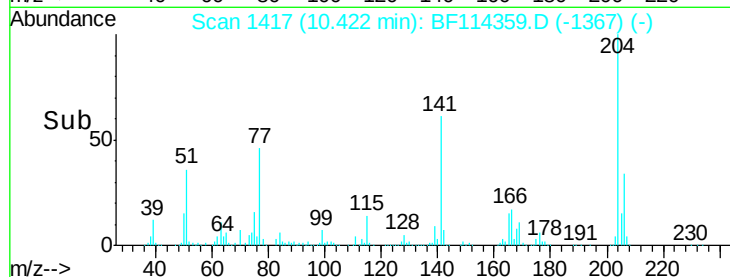
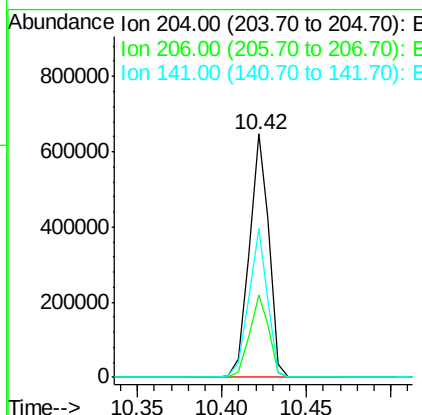
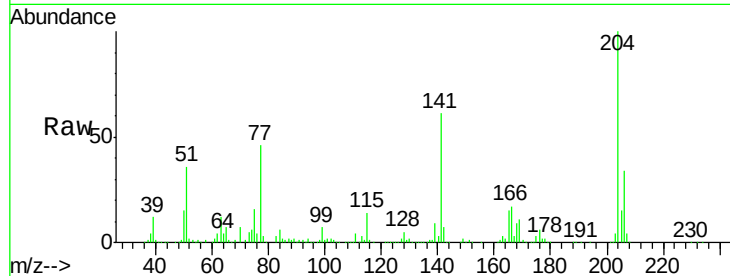
#61
4-Chlorophenyl-phenylether
Concen: 41.855 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	61.0	46.4	69.6

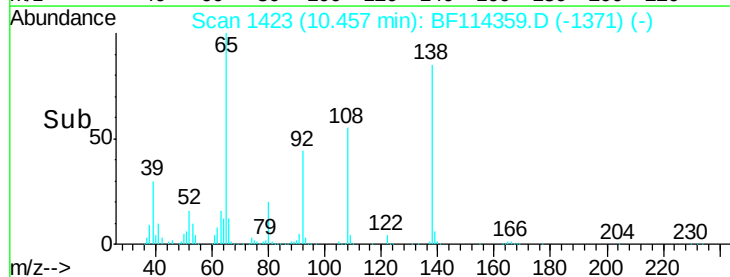
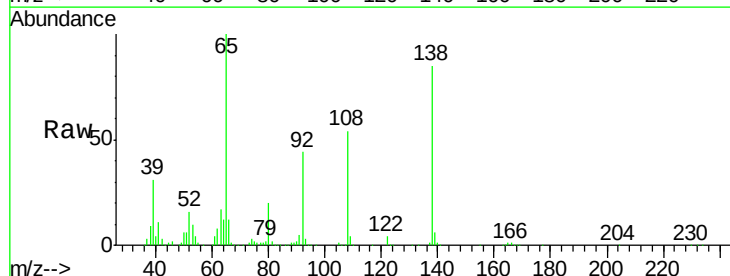
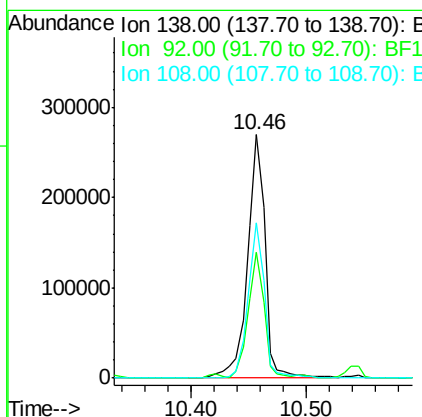
Manual Integrations
APPROVED

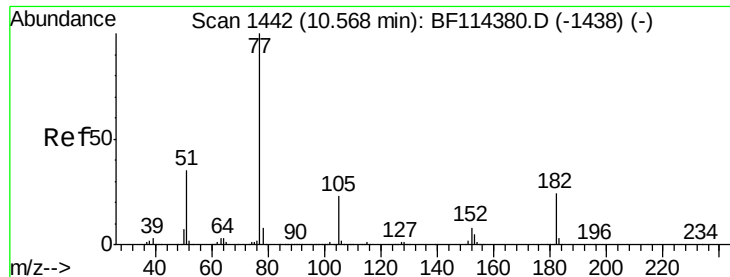
mohammad
5/21/2019 2:16:09 PM



#62
4-Nitroaniline
Concen: 36.131 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	33.0	73.0
108	64.0	44.9	84.9





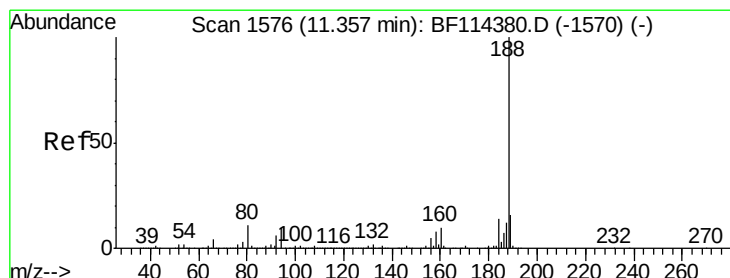
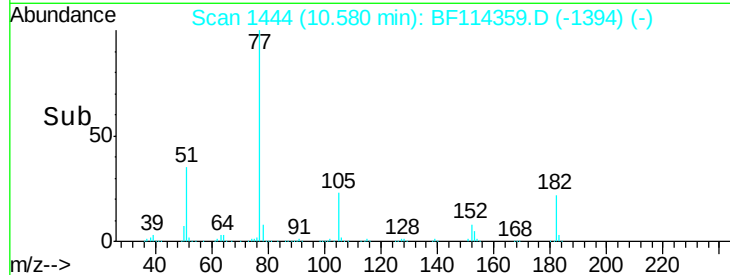
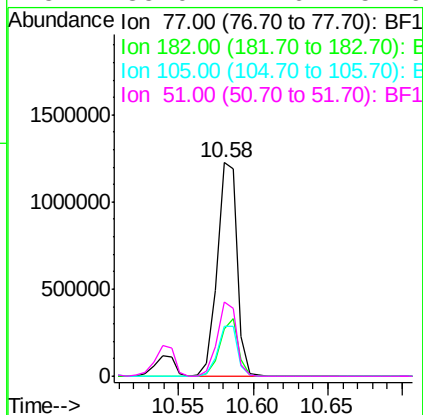
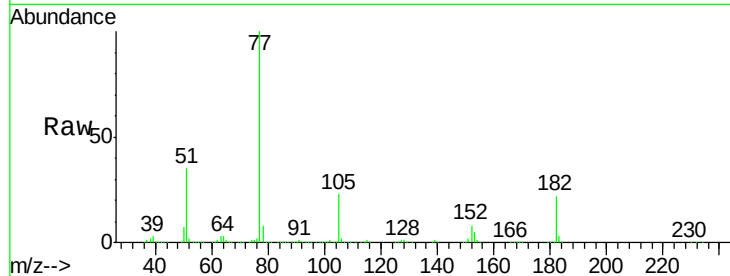
#63
Azobenzene
Concen: 42.716 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion:	77	Resp:	1141101
Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.7	44.7
105	23.2	2.9	42.9
51	35.0	14.6	54.6

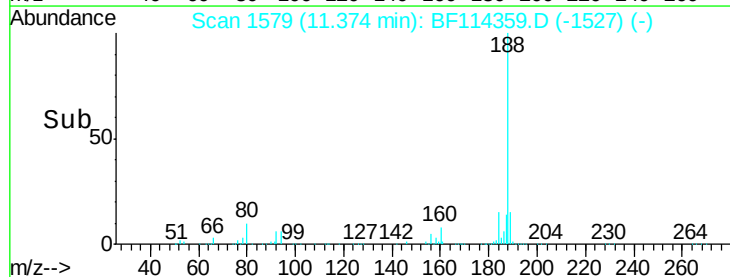
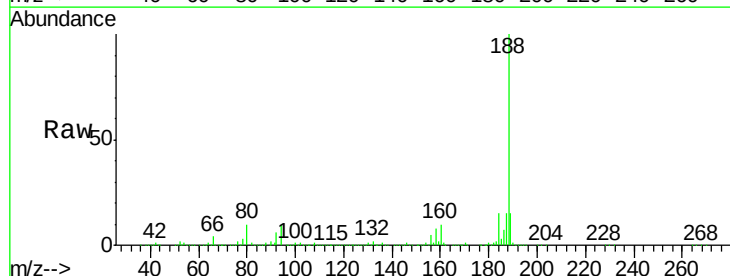
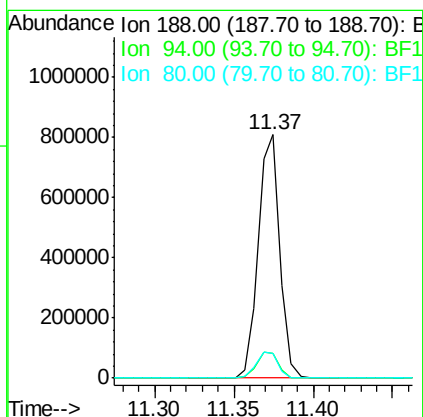
Manual Integrations
APPROVED

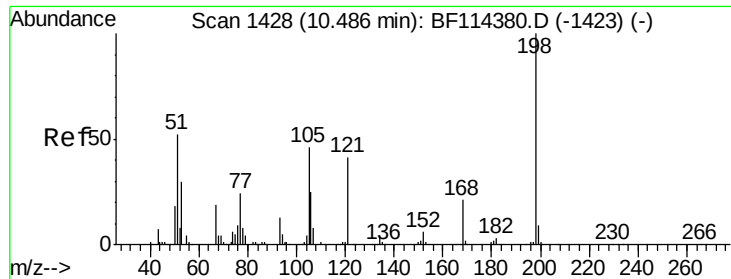
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:	188	Resp:	765799
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.3	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 16.326 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

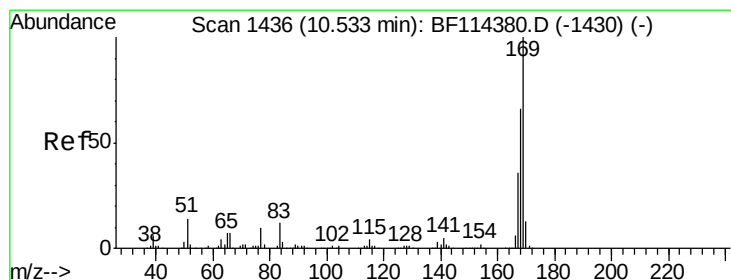
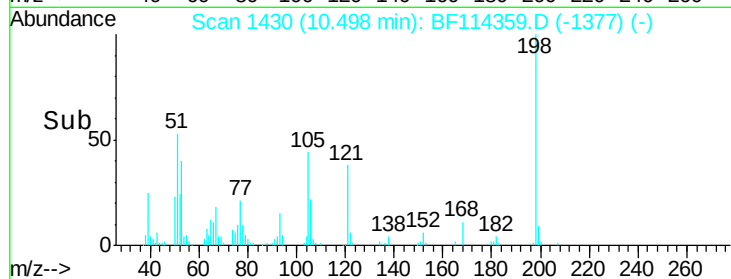
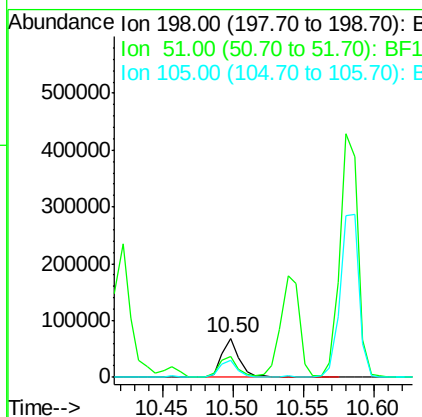
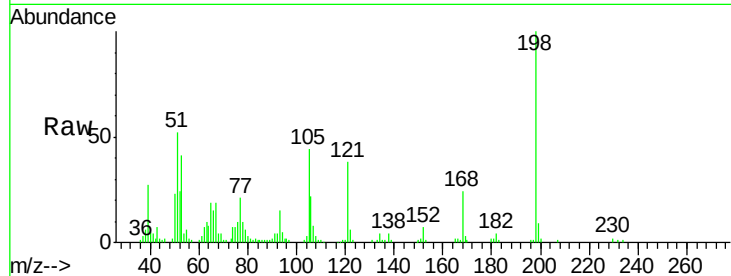
ClientSampled :

SB-04-9-10MS

Tgt Ion:	198	Resp:	60077
Ion Ratio	Lower	Upper	
198	100		
51	52.2	28.0	68.0
105	43.5	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.435 ng

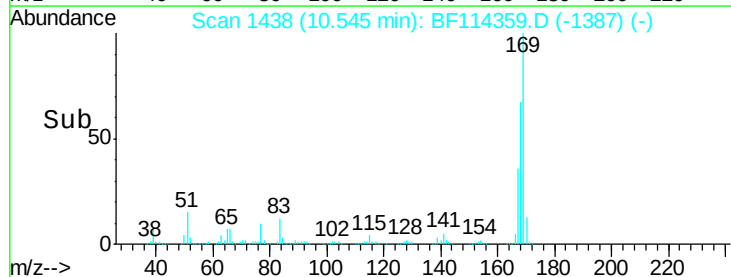
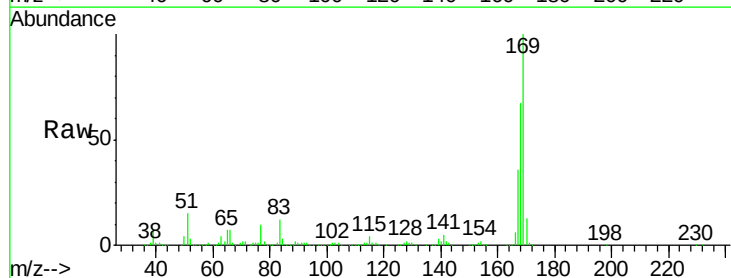
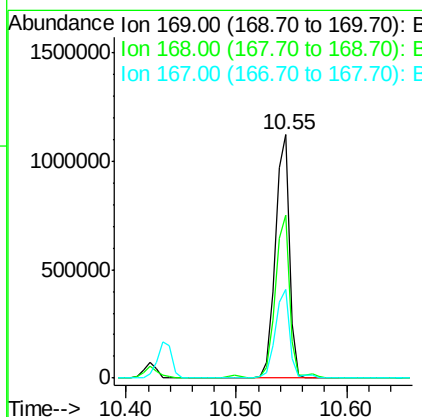
RT: 10.55 min Scan# 1438

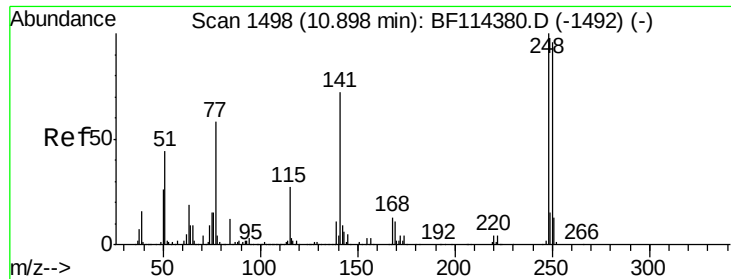
Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	169	Resp:	1009532
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.2
167	36.4	29.8	44.8





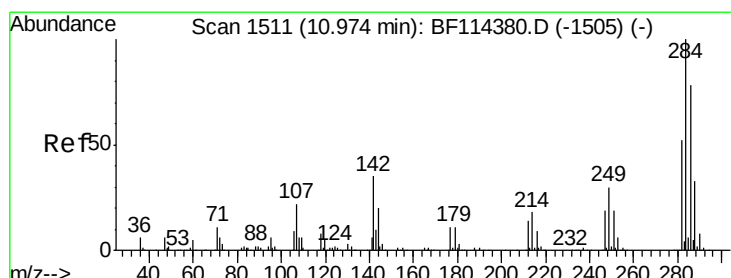
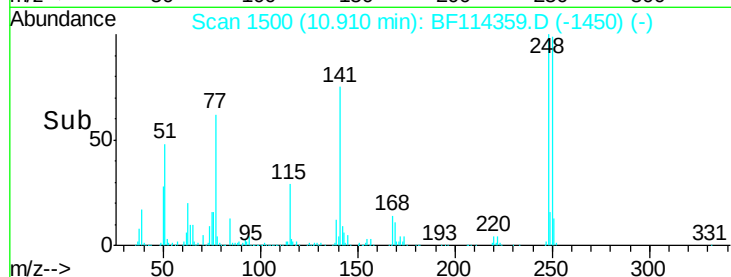
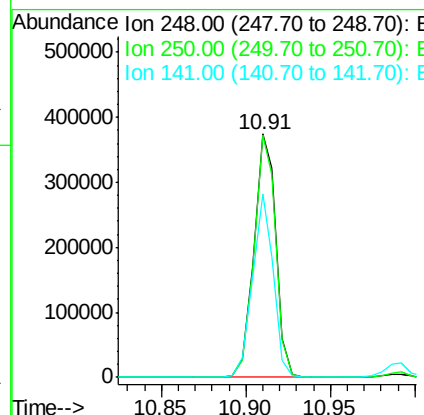
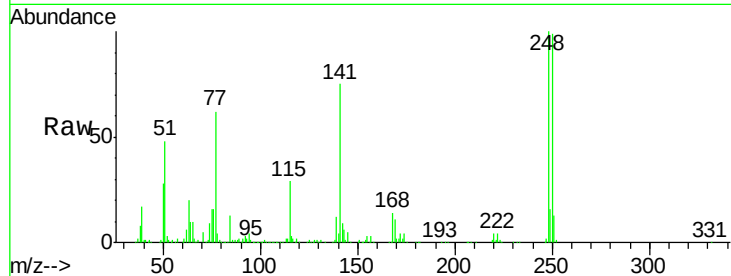
#67
4-Bromophenyl-phenylether
Concen: 40.497 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	341461		
250	99.4	77.4	116.2	
141	75.2	55.6	83.4	

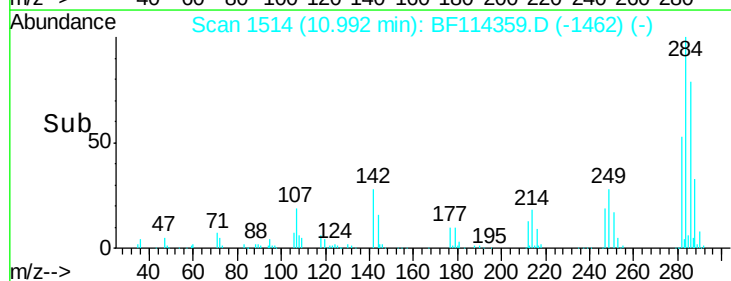
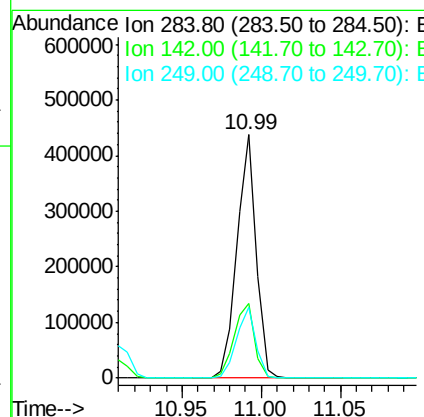
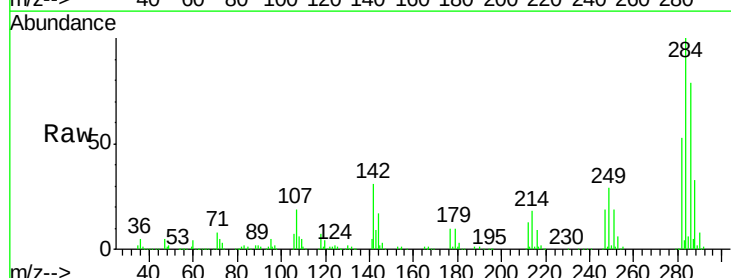
Manual Integrations
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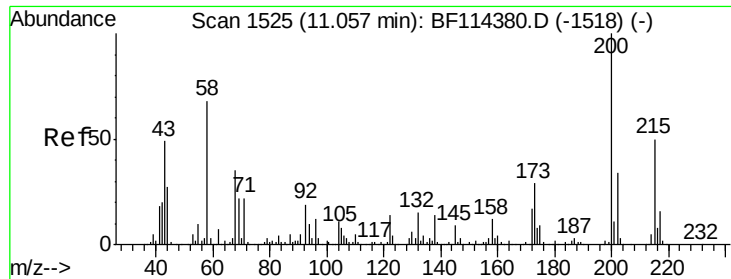
mohammad
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#68
Hexachlorobenzene
Concen: 39.400 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	367517		
142	30.7	28.4	42.6	
249	29.2	25.2	37.8	





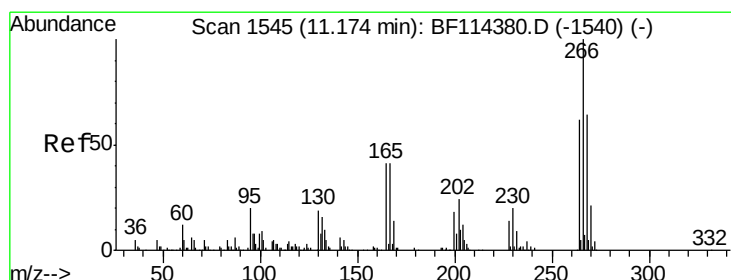
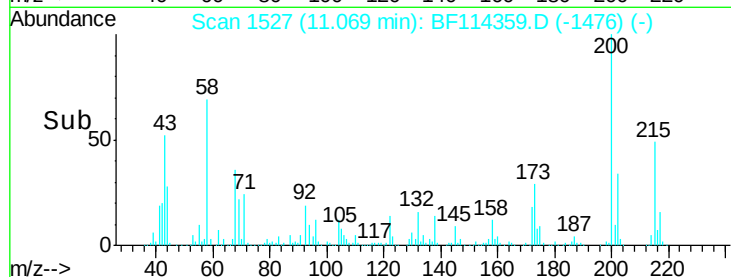
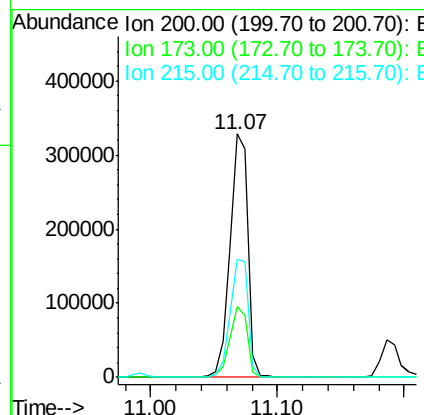
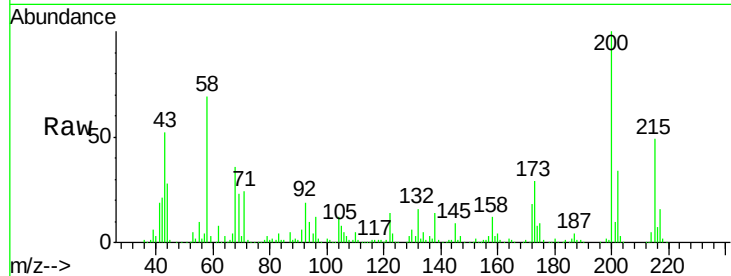
#69
 Atrazine
 Concen: 44.063 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	318703		
173	29.1	8.9	48.9	
215	48.6	30.7	70.7	

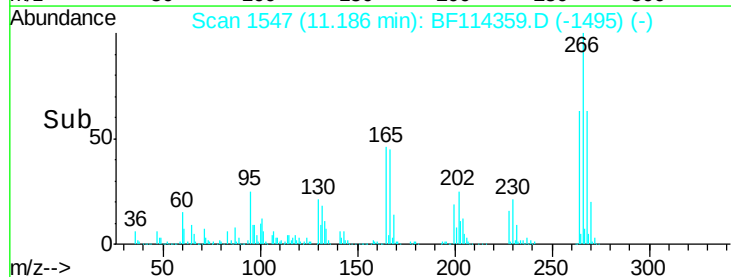
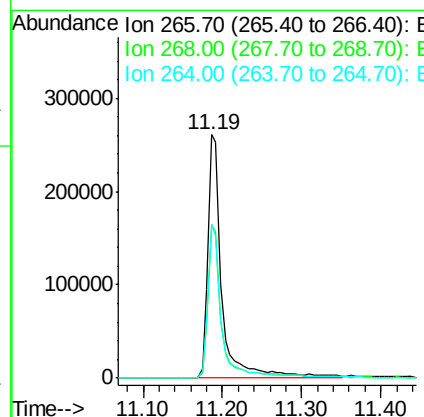
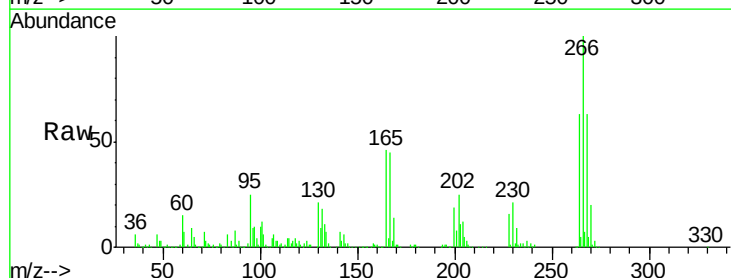
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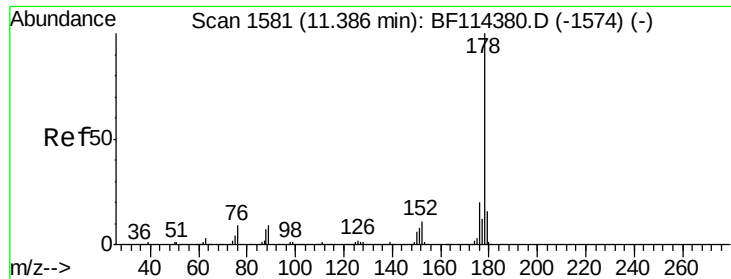
mohammad
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#70
 Pentachlorophenol
 Concen: 74.944 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	331383		
268	62.6	51.1	76.7	
264	63.2	51.1	76.7	





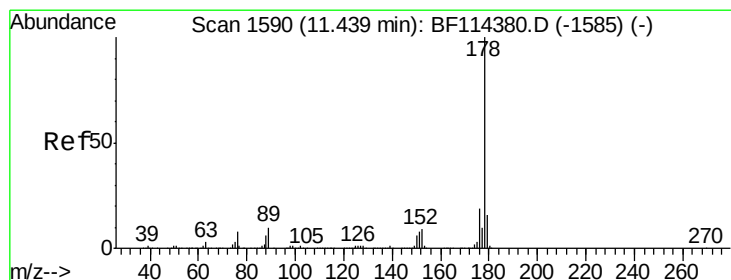
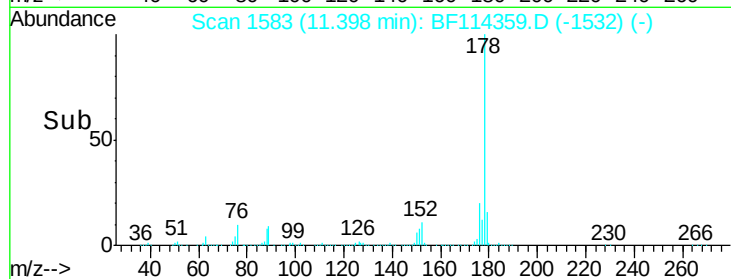
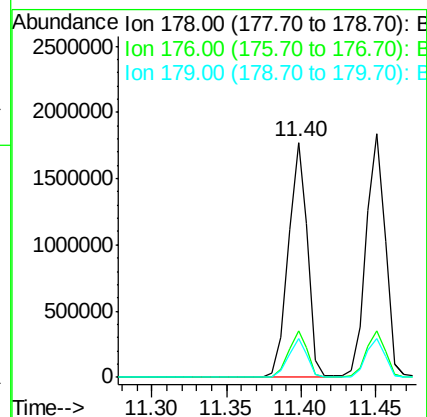
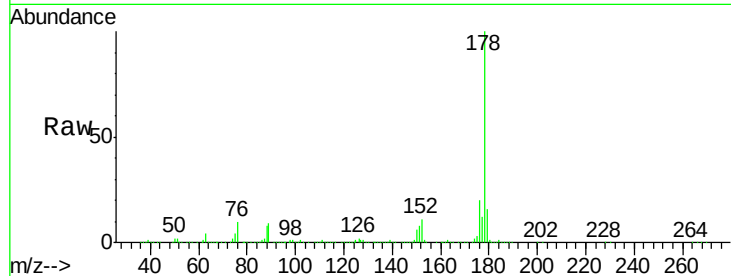
#71
Phenanthrene
Concen: 43.137 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampled :
SB-04-9-10MS

Tgt Ion:178 Resp: 1607144
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 16.5 13.2 19.8

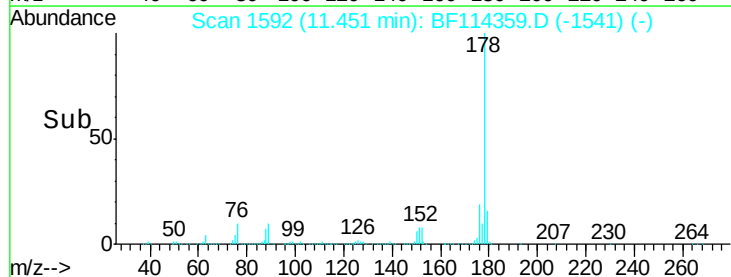
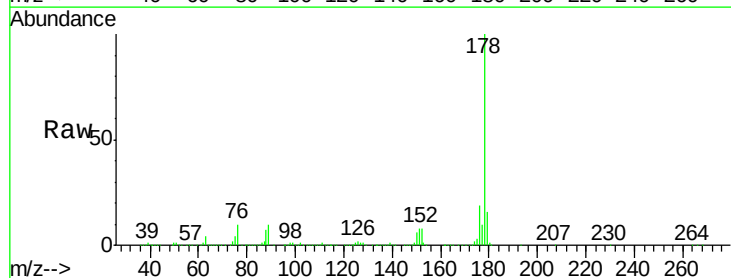
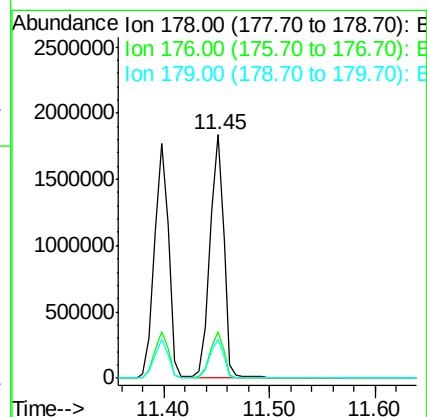
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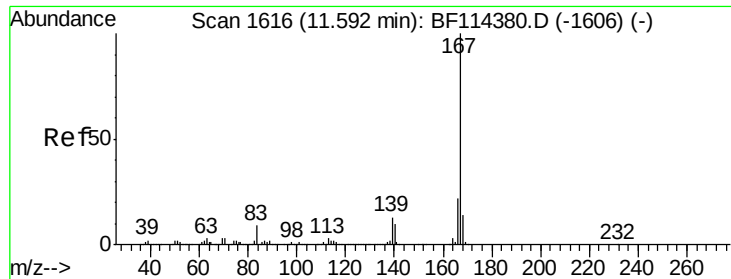
mohammad
5/21/2019 2:16:09 PM



#72
Anthracene
Concen: 44.605 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:178 Resp: 1669175
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.9 13.0 19.4





#73

Carbazole

Concen: 45.086 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MS

Tgt Ion:167 Resp: 1608893

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

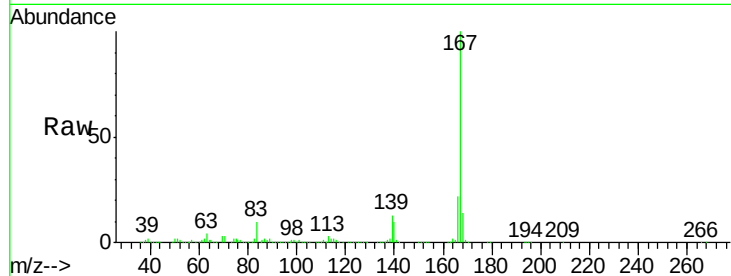
139 13.0 10.6 16.0

Manual Integrations

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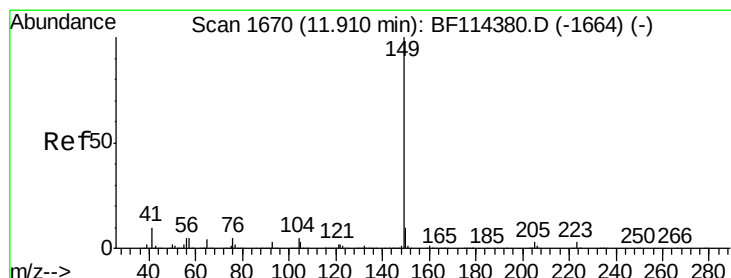
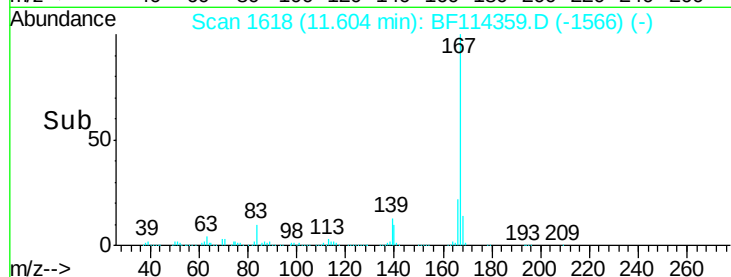
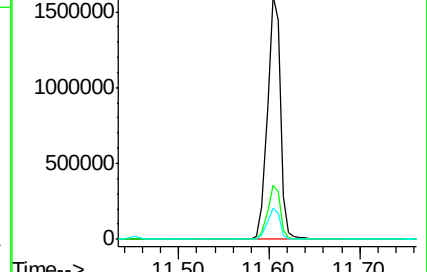
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.280 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

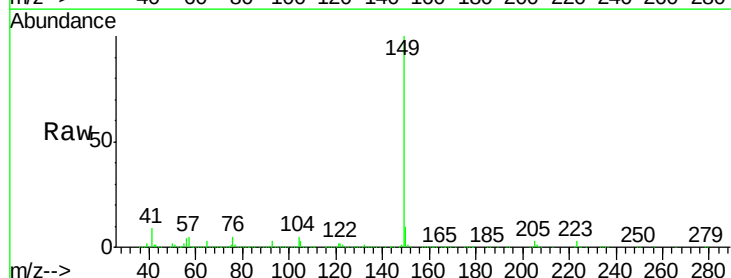
Tgt Ion:149 Resp: 1943788

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

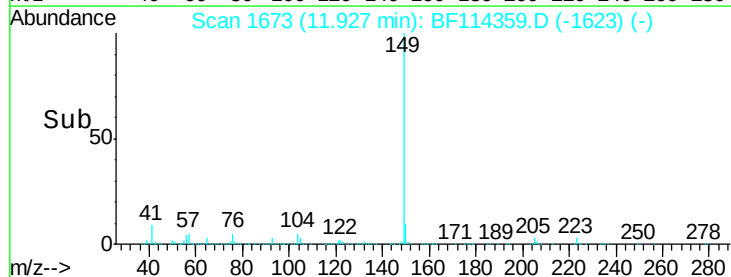
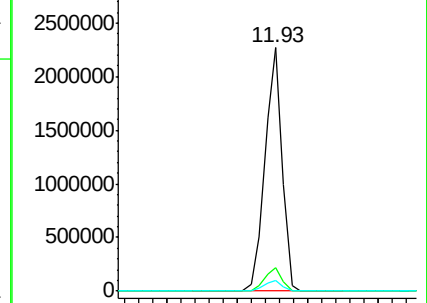
104 4.6 3.6 5.4

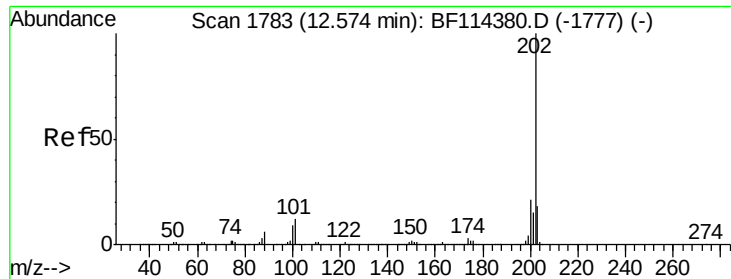


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.214 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

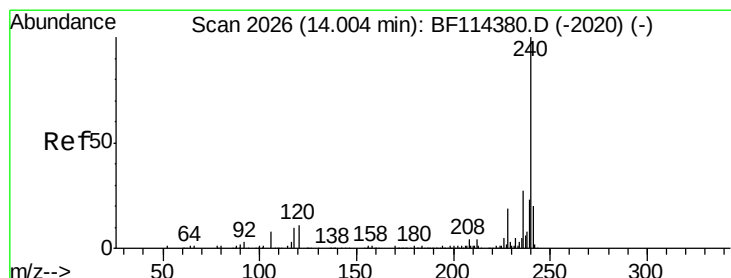
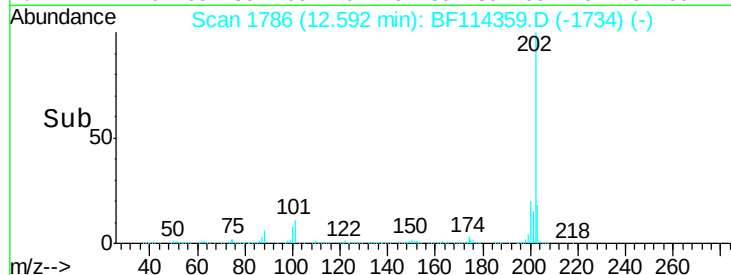
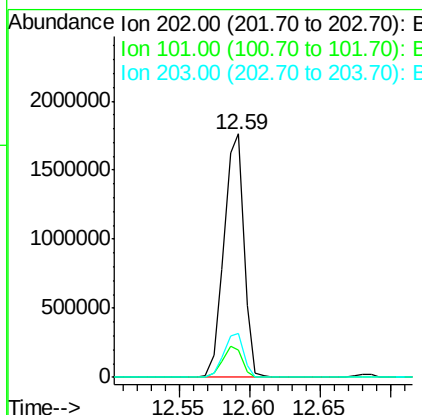
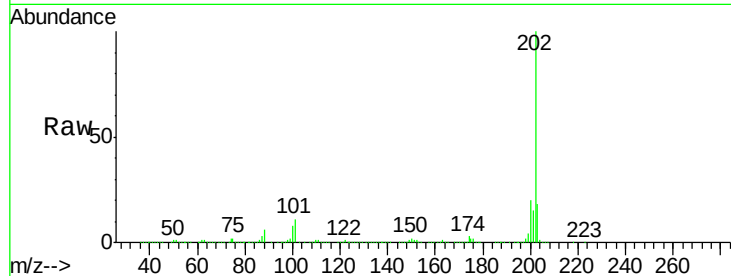
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	202	Resp:	1733792
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	18.2	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

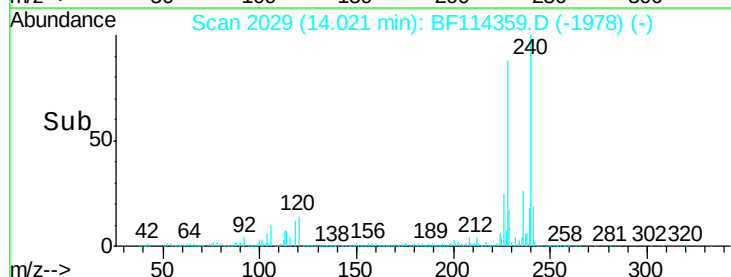
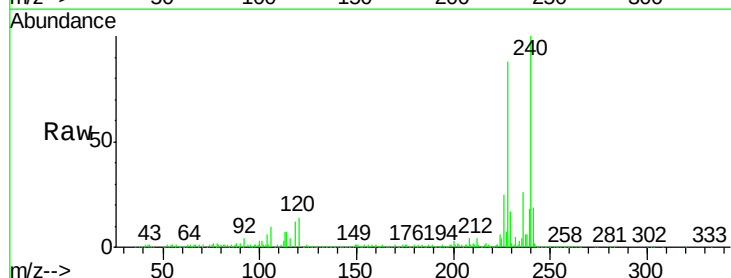
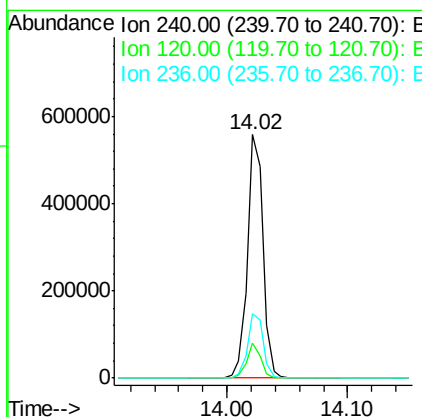
RT: 14.02 min Scan# 2029

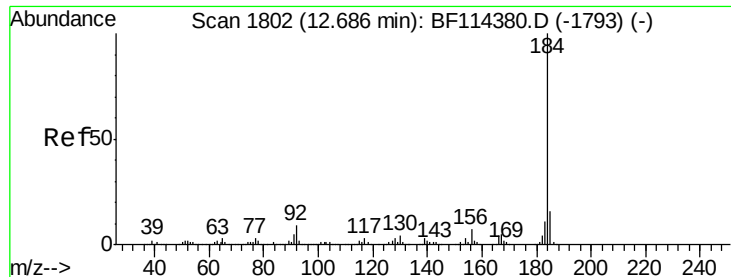
Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	240	Resp:	506080
Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	26.5	20.8	31.2





#77

Benzidine

Concen: 46.898 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampled :

SB-04-9-10MS

Tgt Ion:184 Resp: 1065390

Ion Ratio Lower Upper

184 100

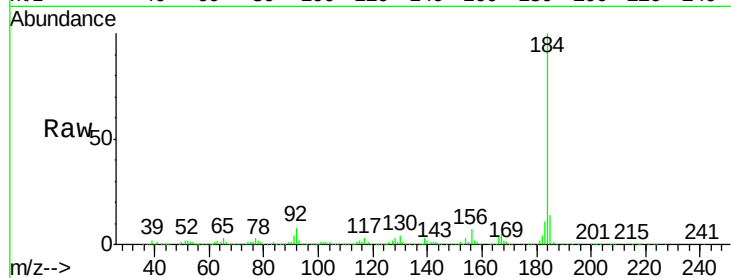
185 14.2 13.6 20.4

183 11.1 9.2 13.8

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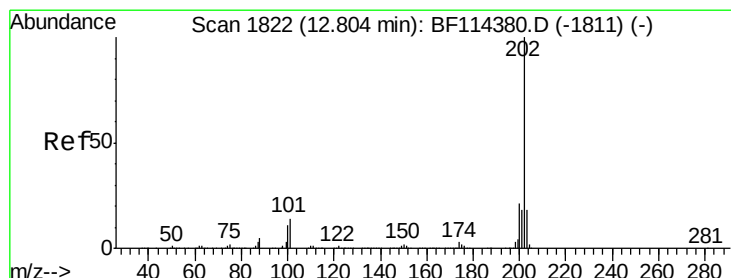
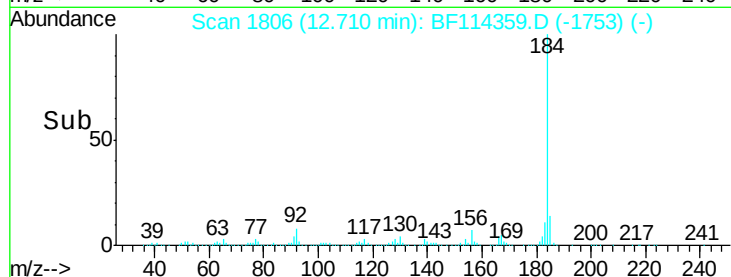
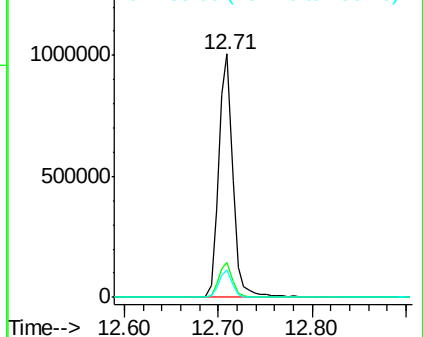
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.774 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

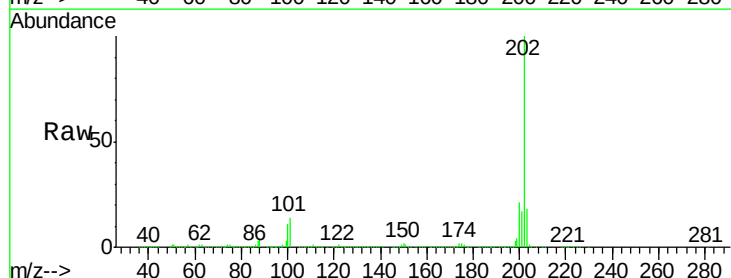
Tgt Ion:202 Resp: 1741385

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

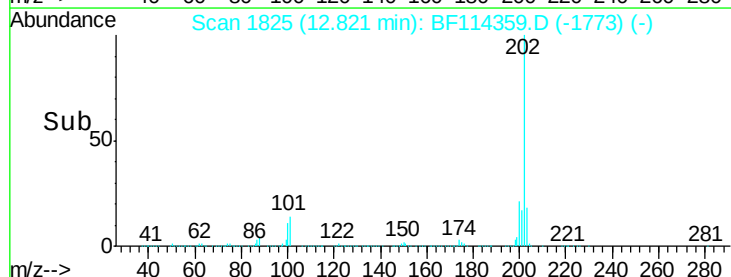
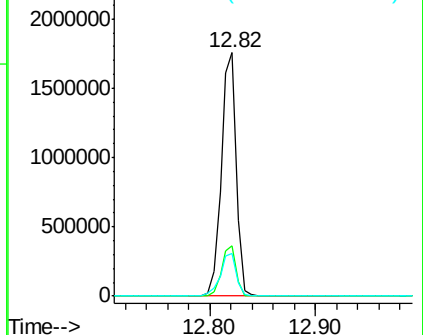
203 17.7 14.5 21.7

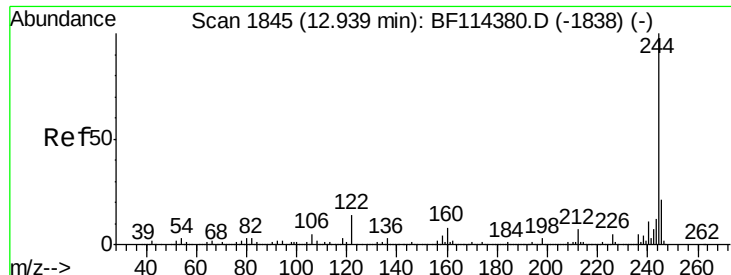


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.185 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

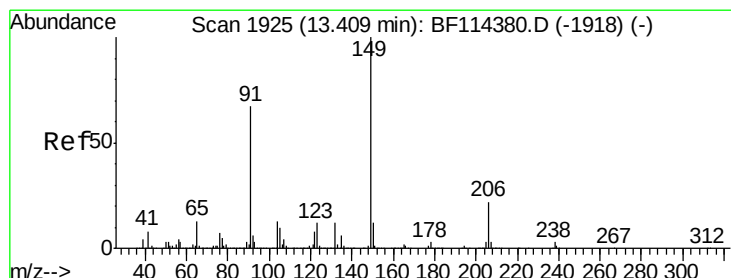
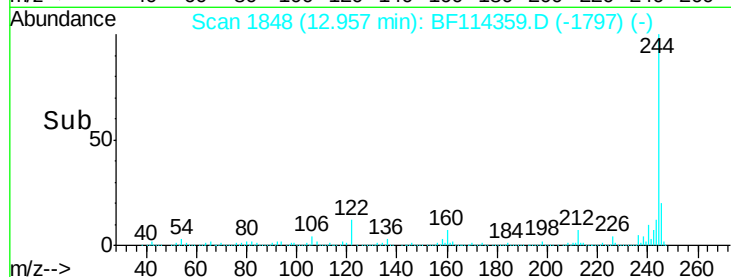
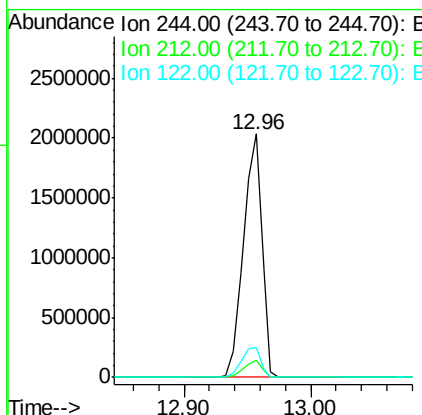
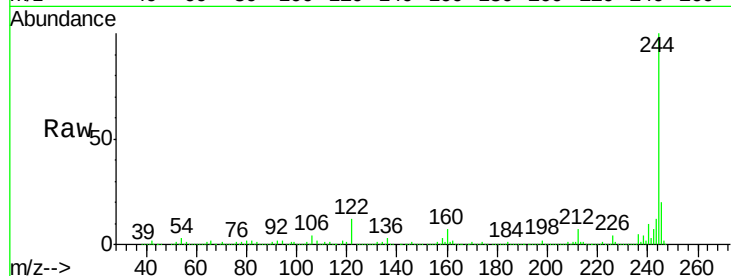
ClientSampleId :

SB-04-9-10MS

Tgt Ion:	244	Resp:	2042181
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	12.3	9.4	14.2

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 47.457 ng

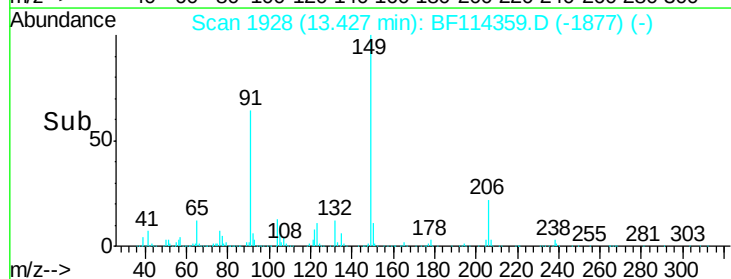
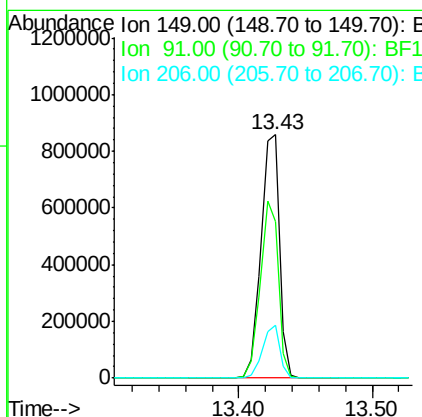
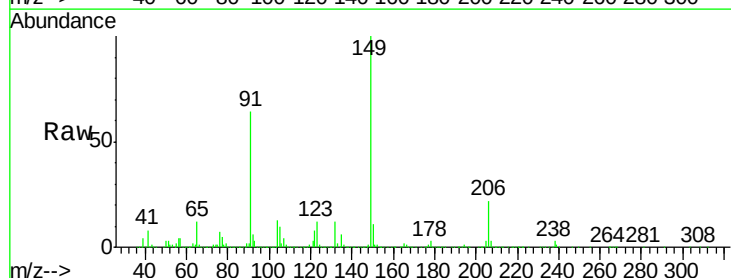
RT: 13.43 min Scan# 1928

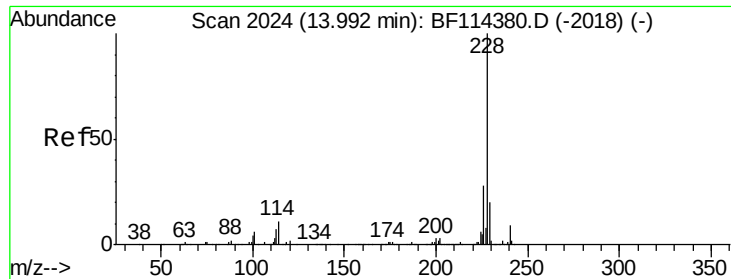
Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	149	Resp:	813218
Ion Ratio	Lower	Upper	
149	100		
91	64.2	55.0	82.4
206	22.0	16.9	25.3





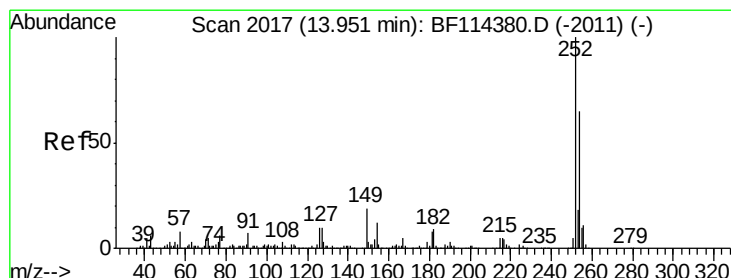
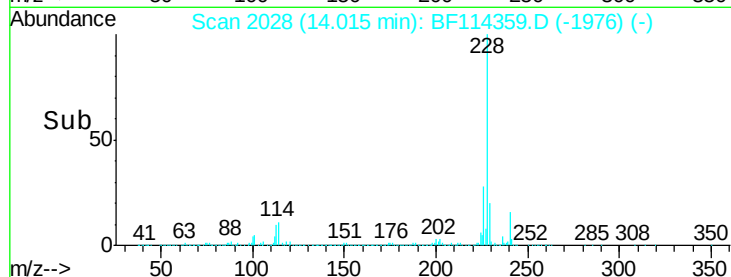
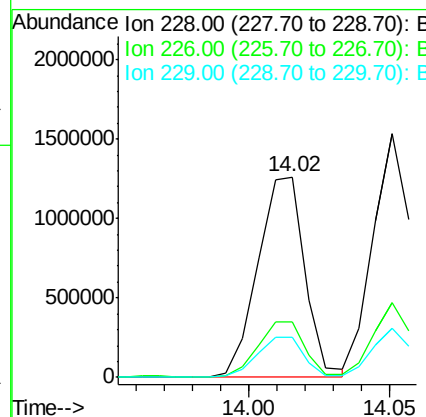
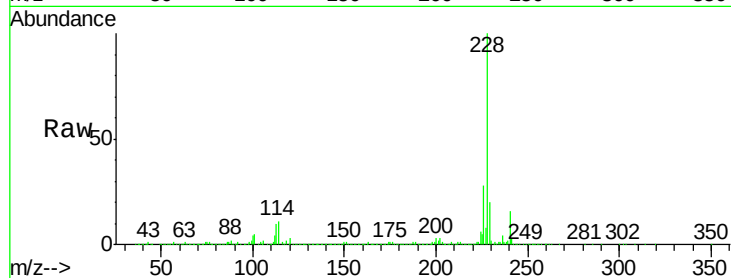
#81
Benzo(a)anthracene
Concen: 44.493 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.0	16.4	24.6

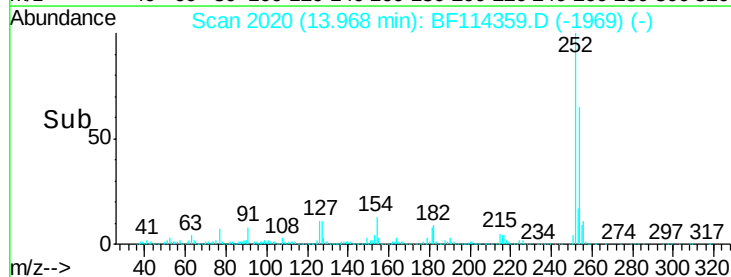
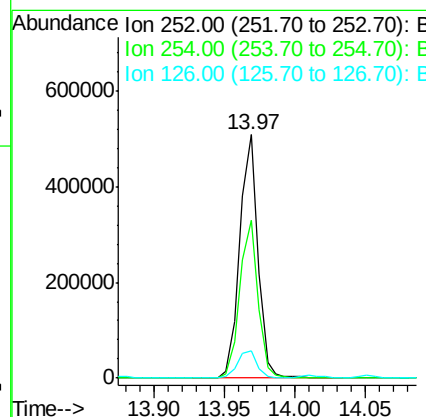
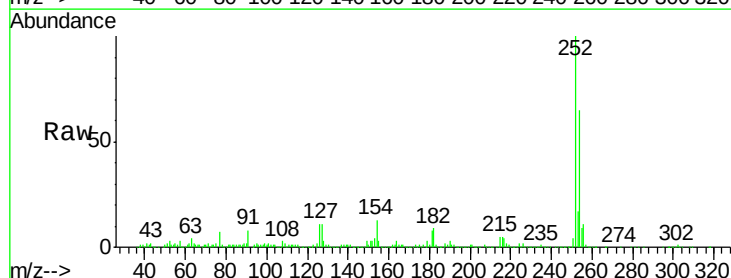
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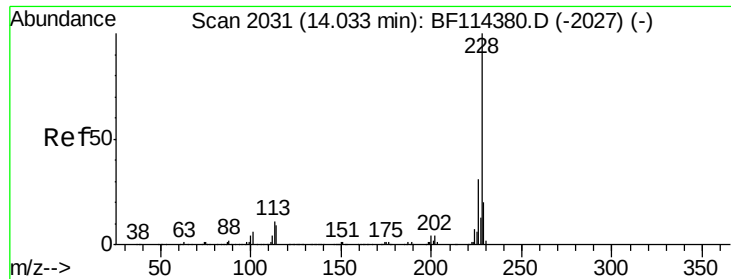
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 36.122 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	11.1	7.9	11.9





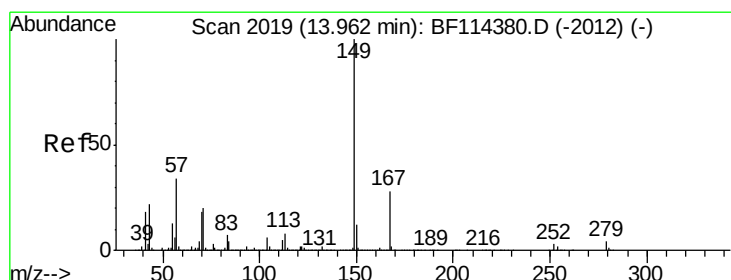
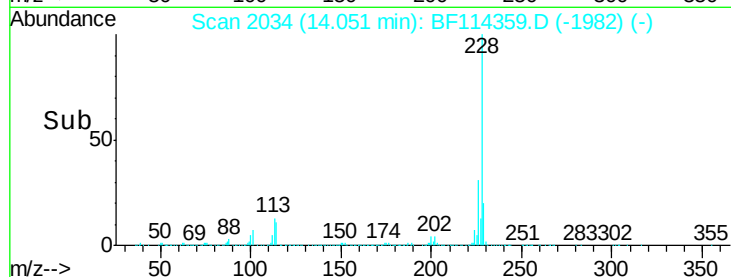
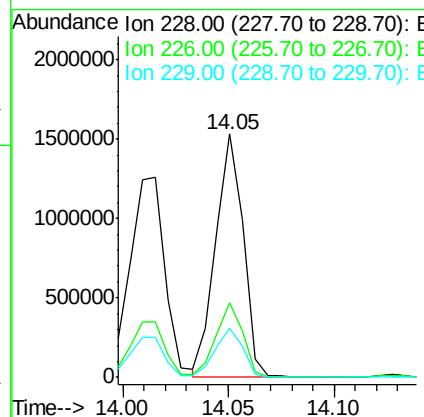
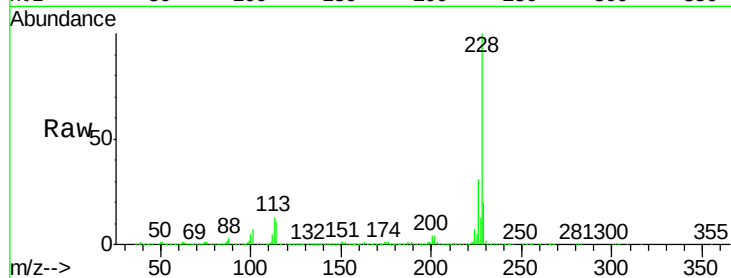
#83
Chrysene
Concen: 43.368 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion: 228 Resp: 1391568
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.2 17.0 25.6

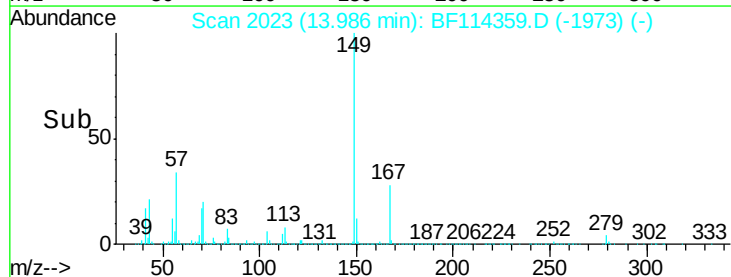
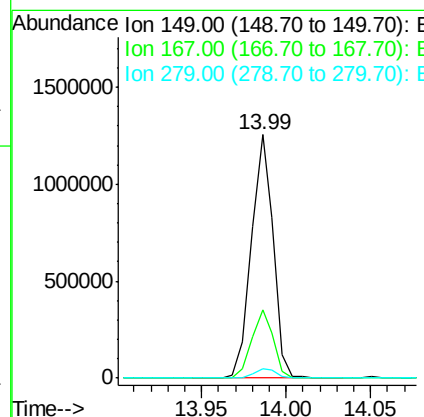
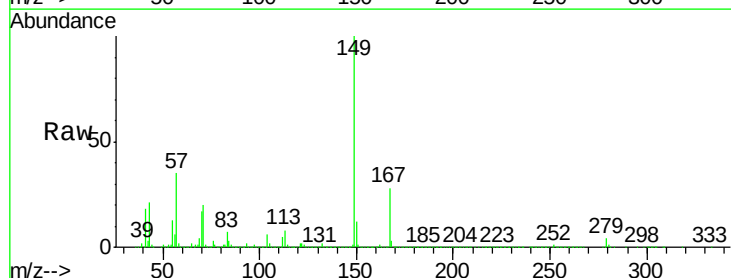
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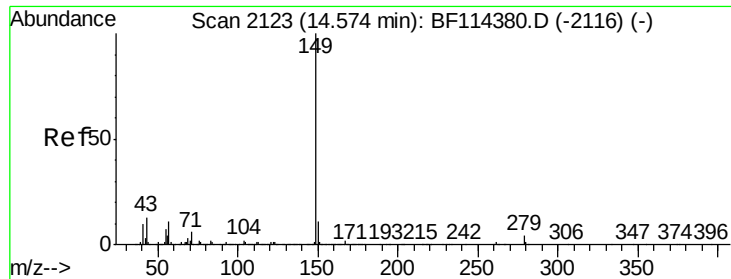
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.590 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 149 Resp: 1133789
Ion Ratio Lower Upper
149 100
167 28.1 22.6 33.8
279 3.8 3.0 4.6





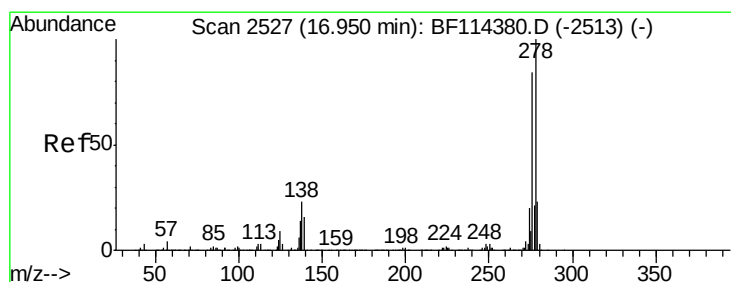
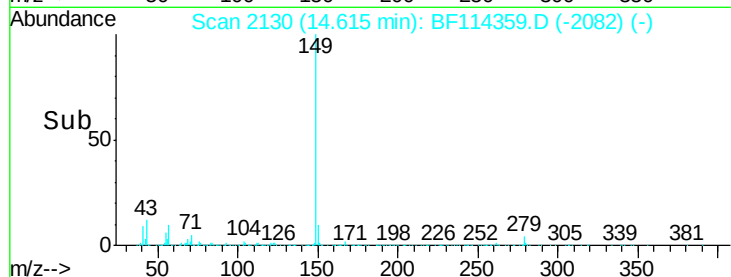
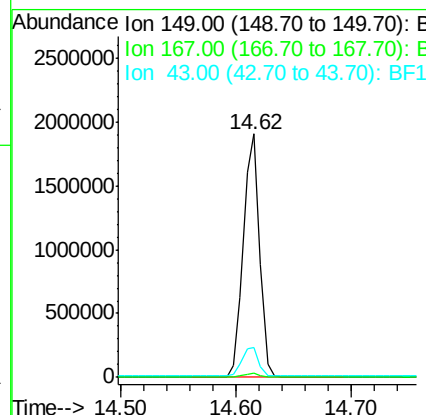
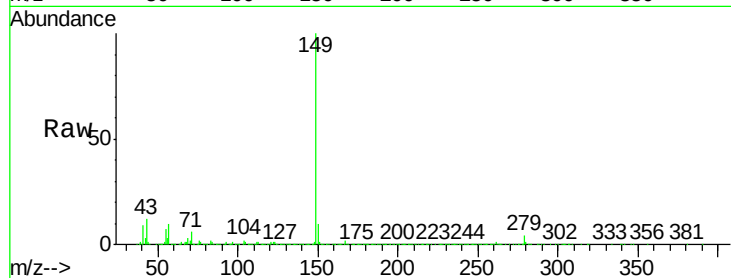
#85
Di-n-octyl phthalate
Concen: 51.059 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	10.1	15.1

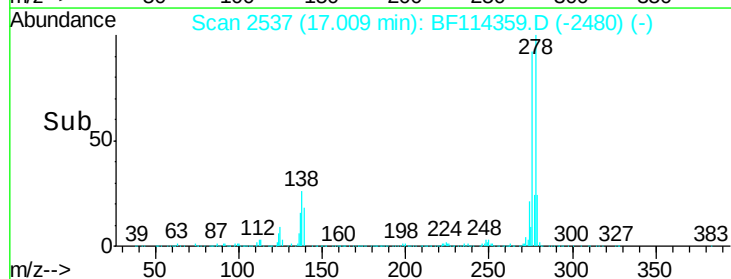
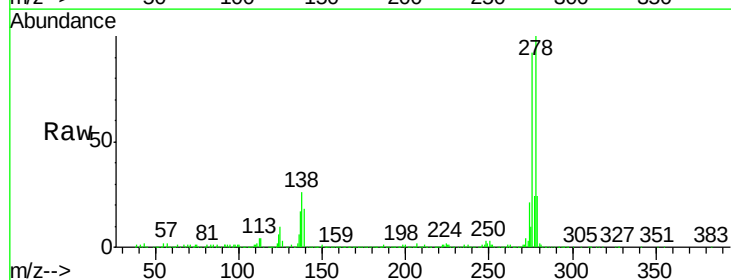
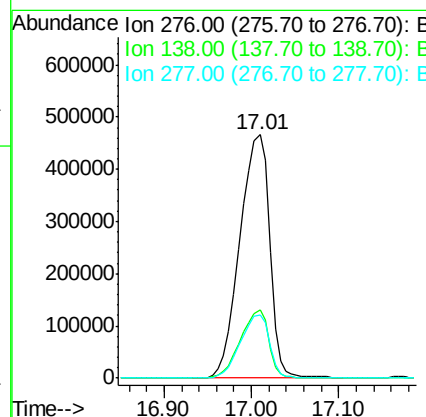
Manual Integrations
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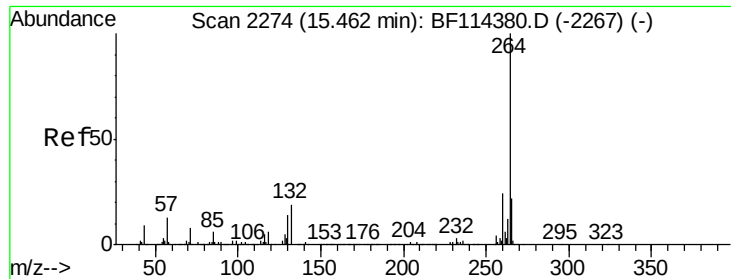
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.703 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.04 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.2
277	25.2	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

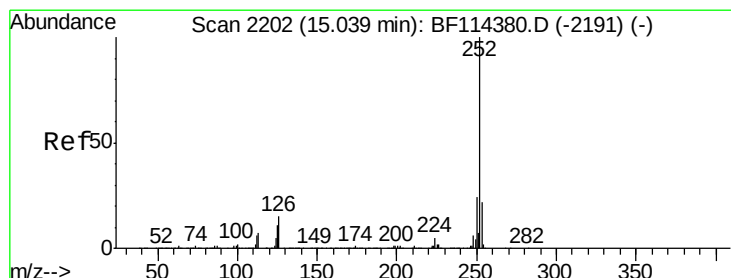
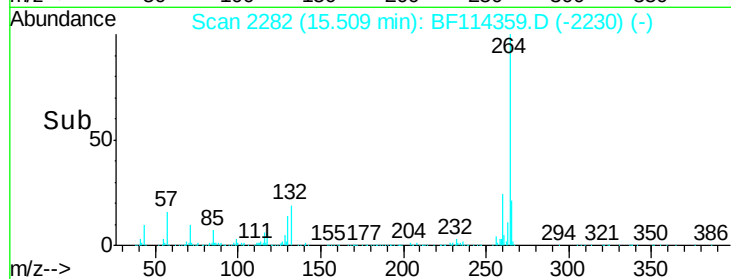
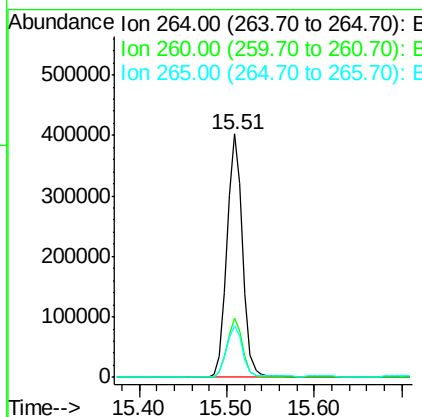
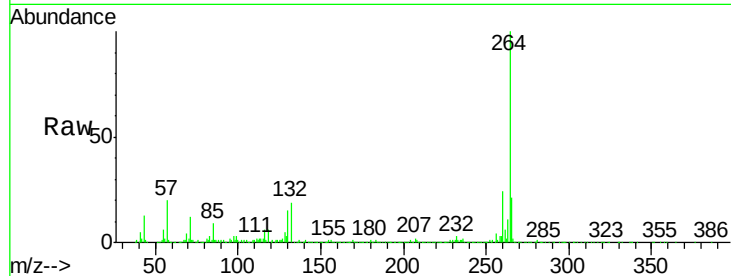
ClientSampled :

SB-04-9-10MS

Tgt Ion:	264	Resp:	499870
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 46.006 ng

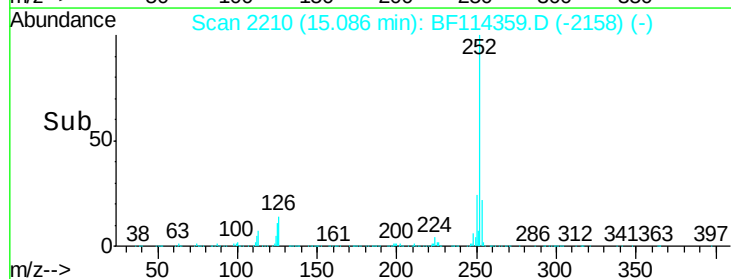
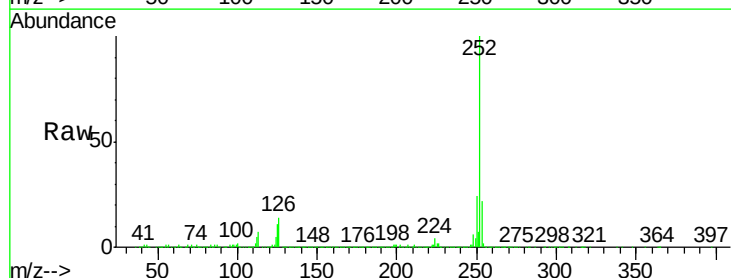
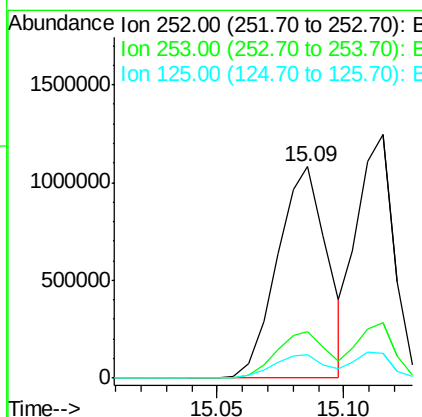
RT: 15.09 min Scan# 2210

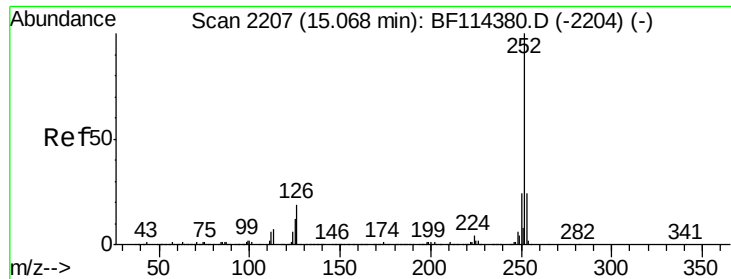
Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:	252	Resp:	1473319
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.8	8.3	12.5





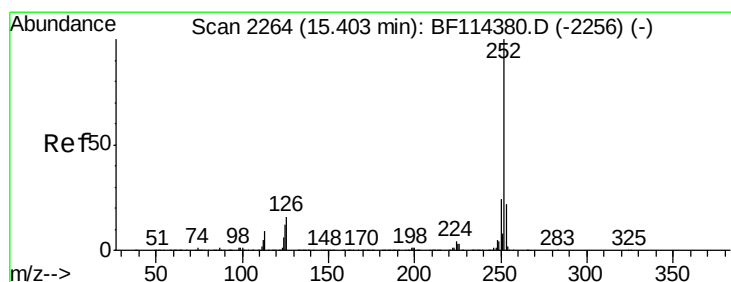
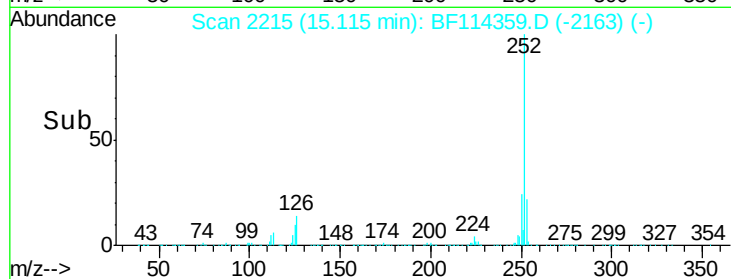
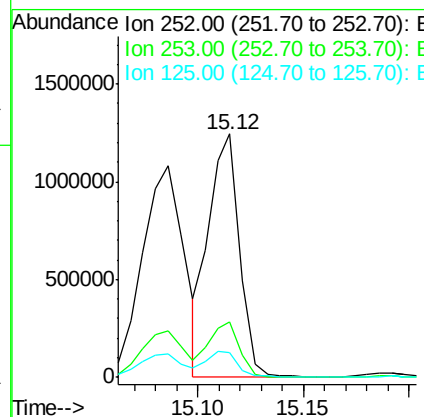
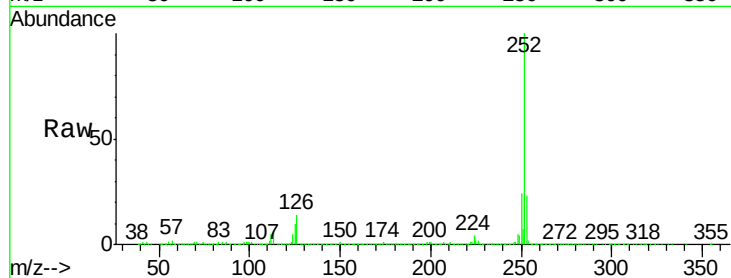
#89
Benzo(k)fluoranthene
Concen: 42.865 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion: 252 Resp: 1260989
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.0 8.6 13.0

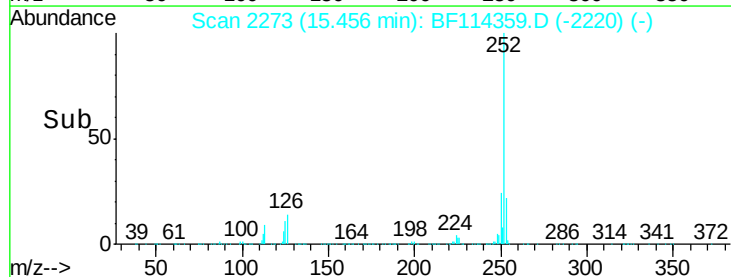
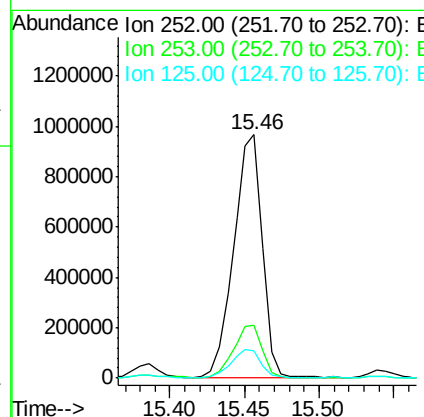
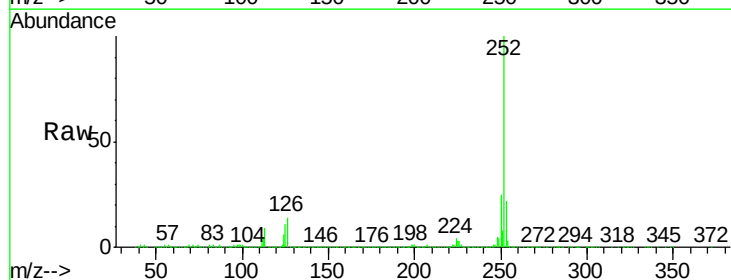
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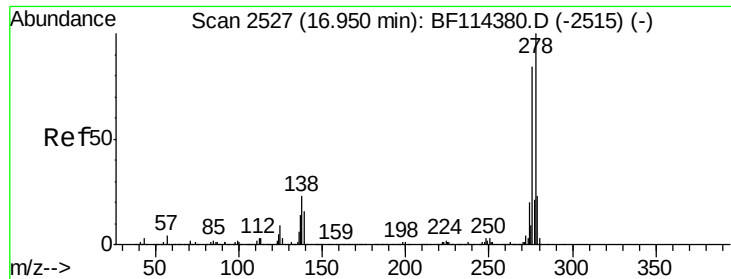
mohammad
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#90
Benzo(a)pyrene
Concen: 45.917 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 252 Resp: 1294125
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.3 9.5 14.3





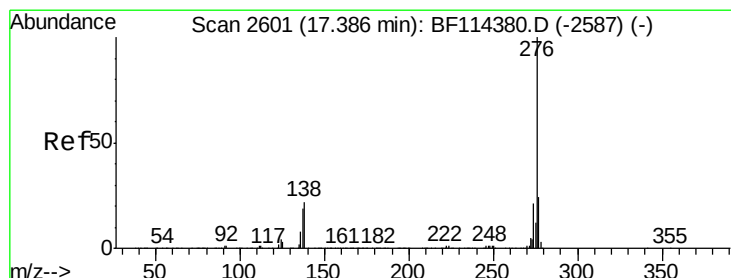
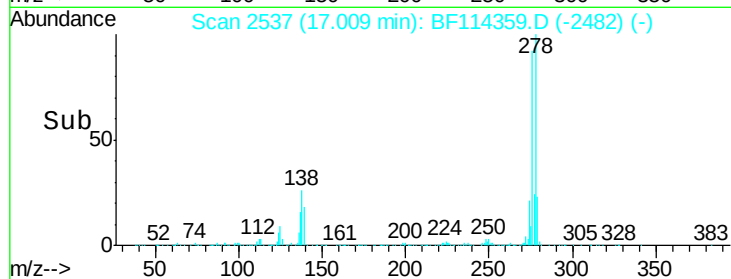
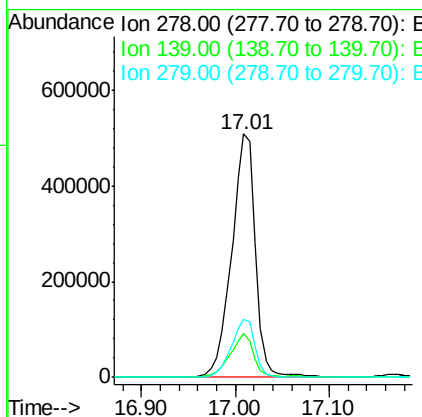
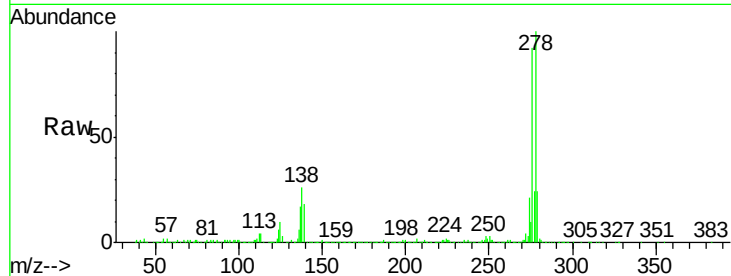
#91
Dibenzo(a,h)anthracene
Concen: 37.573 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.091 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.04 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	22.3	17.8	26.6

