

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114415.D
 Acq On : 19 May 2019 3:12
 Operator : JU/SJ
 Sample : K2643-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Manual Integrations
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Sohil
 5/21/2019 7:17:18 PM

Quant Time: May 20 08:23:49 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	6.84	152	227524	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	844405	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	378961	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	676311	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	415439	20.00	ng	-0.02
87) Perylene-d12	15.46	264	497748	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1490828	105.45	ng	0.01
7) Phenol-d6	6.49	99	1828430	109.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1295690	86.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	461993	117.92	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2197171	87.70	ng	-0.02
79) Terphenyl-d14	12.93	244	1879208	93.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	238511	30.691	ng	# 82
3) Pyridine	3.51	79	415633	19.412	ng	97
4) n-Nitrosodimethylamine	3.44	42	352598	34.149	ng	95
6) Aniline	6.51	93	274816	11.377	ng	# 30
8) 2-Chlorophenol	6.63	128	633425	41.967	ng	96
9) Benzaldehyde	6.39	77	192201	16.418	ng	99
10) Phenol	6.50	94	679301	34.533	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	646052	43.260	ng	99
12) 1,3-Dichlorobenzene	6.78	146	615835	36.348	ng	99
13) 1,4-Dichlorobenzene	6.86	146	626762	36.711	ng	97
14) 1,2-Dichlorobenzene	7.01	146	576741	36.976	ng	98
15) Benzyl Alcohol	6.99	79	527785	40.468	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1164337	40.210	ng	61
17) 2-Methylphenol	7.10	107	491663	39.654	ng	# 91
18) Hexachloroethane	7.35	117	227787	35.545	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	455999	43.022	ng	98
20) 3+4-Methylphenols	7.26	107	623335	43.513	ng	# 70
22) Acetophenone	7.25	105	864681	46.224	ng	# 90
24) Nitrobenzene	7.42	77	688370	44.919	ng	97
25) Isophorone	7.66	82	1269941	45.509	ng	99
26) 2-Nitrophenol	7.74	139	349969	47.070	ng	95
27) 2,4-Dimethylphenol	7.78	122	564982	48.382	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	818805	45.223	ng	98
29) 2,4-Dichlorophenol	7.99	162	526719	45.298	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	546763	41.351	ng	99
31) Naphthalene	8.14	128	1739154	44.092	ng	99
32) Benzoic acid	7.92	122	307470	38.547	ng	98
33) 4-Chloroaniline	8.19	127	163007	9.069	ng	96
34) Hexachlorobutadiene	8.25	225	298397	39.663	ng	97
35) Caprolactam	8.56	113	147642m	38.940	ng	
36) 4-Chloro-3-methylphenol	8.69	107	541867	46.296	ng	98
37) 2-Methylnaphthalene	8.83	142	1200646	47.179	ng	98
38) 1-Methylnaphthalene	8.93	142	1128018	47.068	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	549847	47.898	ng	99

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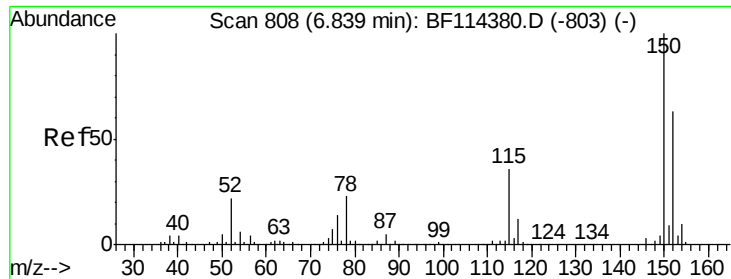
Manual Integrations
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 5/21/2019 7:17:18 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	206045	40.768	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	348583	44.147	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	368710	45.533	ng	97
46) 1,1'-Biphenyl	9.29	154	1454924	47.523	ng	99
47) 2-Chloronaphthalene	9.32	162	1101169	44.693	ng	99
48) 2-Nitroaniline	9.42	65	375822	43.010	ng	98
49) Acenaphthylene	9.73	152	1721353	45.935	ng	99
50) Dimethylphthalate	9.59	163	1319379	47.427	ng	99
51) 2,6-Dinitrotoluene	9.66	165	289153	46.862	ng	98
52) Acenaphthene	9.90	154	1021814	44.435	ng	98
53) 3-Nitroaniline	9.83	138	170560	22.268	ng	99
54) 2,4-Dinitrophenol	9.95	184	186907	61.907	ng	98
55) Dibenzofuran	10.07	168	1488775	44.152	ng	98
56) 4-Nitrophenol	10.01	139	295451	54.544	ng	96
57) 2,4-Dinitrotoluene	10.07	165	352450	42.084	ng	# 90
58) Fluorene	10.42	166	1198437	46.013	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	308370	44.135	ng	98
60) Diethylphthalate	10.29	149	1304194	46.140	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	582706	45.552	ng	96
62) 4-Nitroaniline	10.45	138	271761	33.765	ng	98
63) Azobenzene	10.57	77	1230043	44.957	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	132249	40.695	ng	88
66) n-Nitrosodiphenylamine	10.53	169	1042760	50.801	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	358457	48.138	ng	96
68) Hexachlorobenzene	10.97	284	384437	46.667	ng	93
69) Atrazine	11.05	200	243793	38.166	ng	100
70) Pentachlorophenol	11.17	266	296560	75.943	ng	99
71) Phenanthrene	11.38	178	1563826	47.528	ng	99
72) Anthracene	11.43	178	1605669	48.585	ng	99
73) Carbazole	11.59	167	1438102	45.633	ng	99
74) Di-n-butylphthalate	11.91	149	1907151	52.527	ng	100
75) Fluoranthene	12.57	202	1540459	43.476	ng	99
77) Benzidine	12.69	184	42264	2.266	ng	97
78) Pyrene	12.80	202	1524772	45.624	ng	99
80) Butylbenzylphthalate	13.40	149	727026	51.684	ng	98
81) Benzo(a)anthracene	13.99	228	1273346	47.388	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	371127	35.604	ng	100
83) Chrysene	14.02	228	1275279	48.415	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1017460	55.304	ng	100
85) Di-n-octyl phthalate	14.57	149	1652070	55.395	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1331148	57.182	ng	99
88) Benzo(b)fluoranthene	15.03	252	1495066	46.884	ng	98
89) Benzo(k)fluoranthene	15.06	252	1240600	42.352	ng	99
90) Benzo(a)pyrene	15.40	252	1352417	48.189	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1126336	48.298	ng	100
92) Benzo(g,h,i)perylene	17.37	276	1084806	46.418	ng	99

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



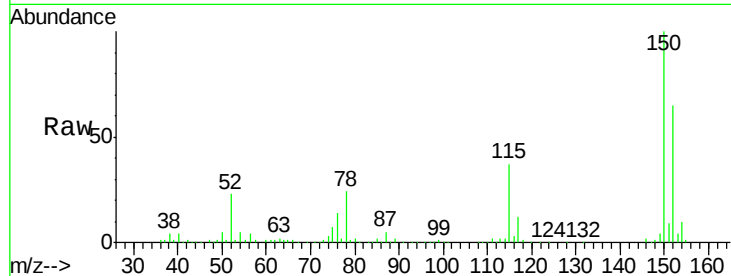
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

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 OR-02-051619-AMSD

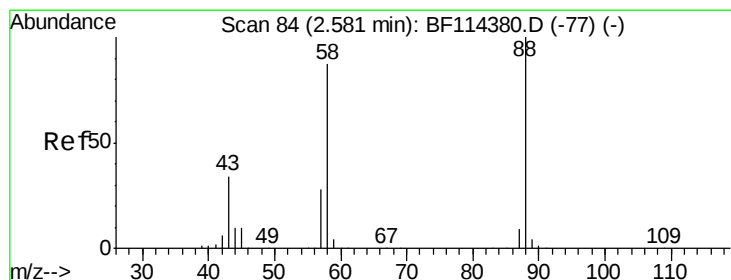
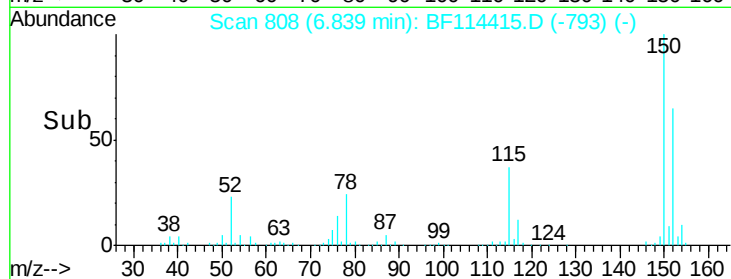
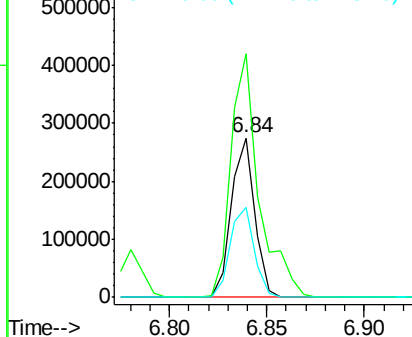
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	56.2	49.1	73.7

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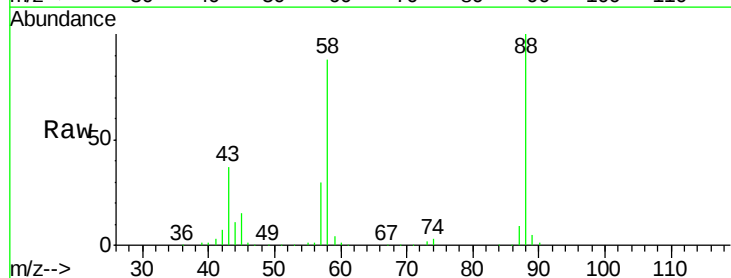


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

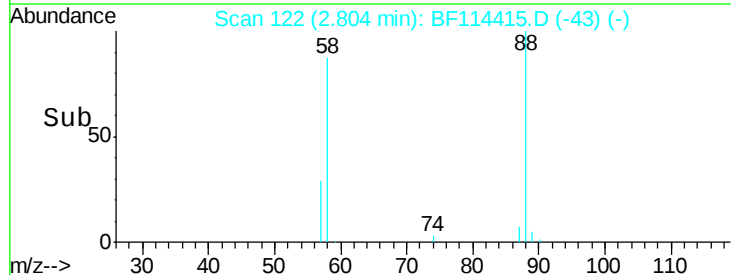
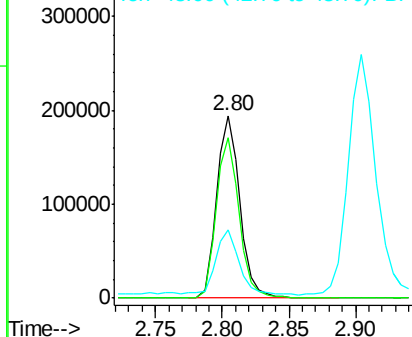


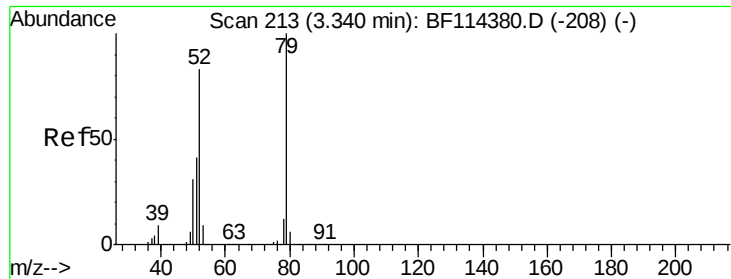
#2
 1,4-Dioxane
 Concen: 30.691 ng
 RT: 2.80 min Scan# 122
 Delta R.T. 0.16 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.7	103.1
43	0.0	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: 19.412 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.12 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

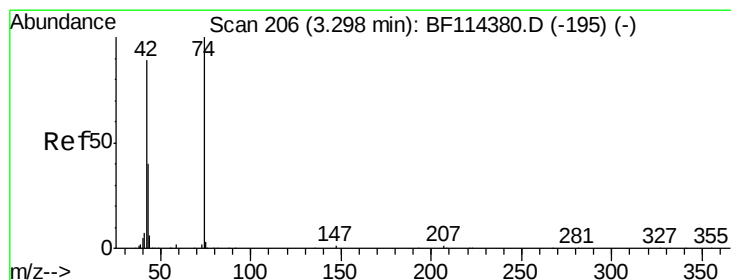
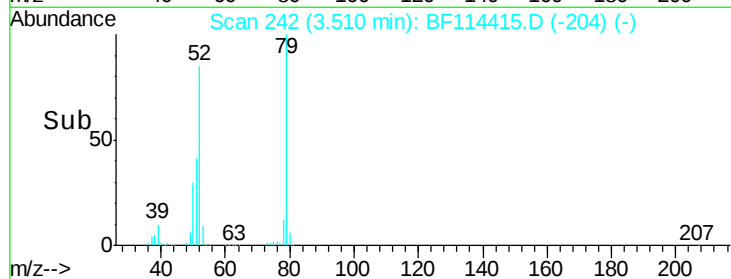
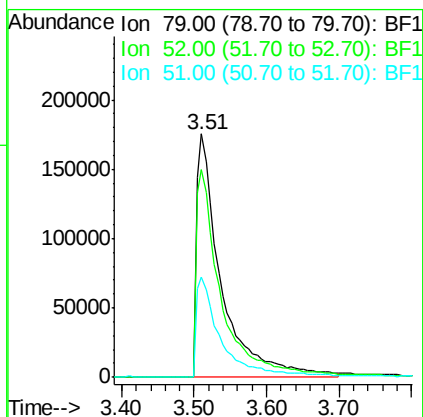
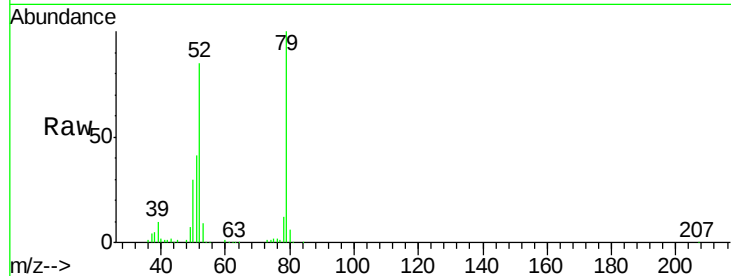
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	79	Resp:	415633
Ion Ratio	Lower	Upper	
79	100		
52	85.2	70.6	105.8
51	41.3	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.149 ng

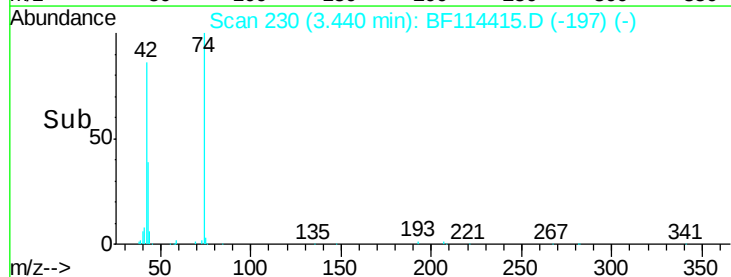
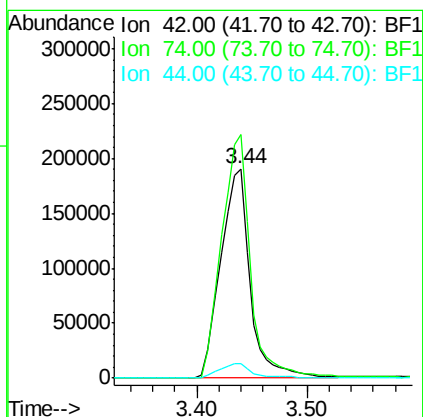
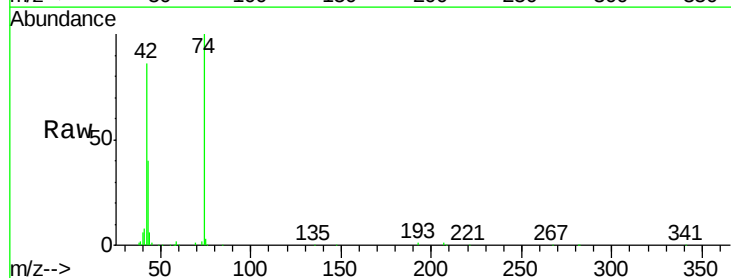
RT: 3.44 min Scan# 230

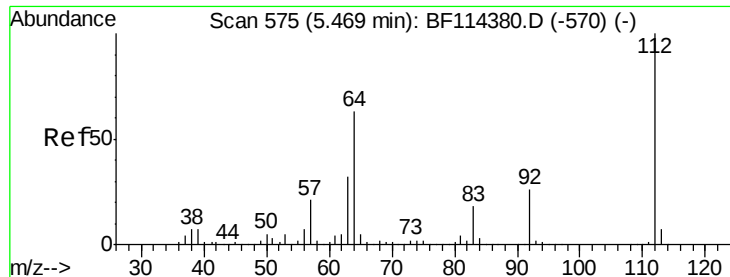
Delta R.T. 0.09 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	42	Resp:	352598
Ion Ratio	Lower	Upper	
42	100		
74	116.3	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 105.445 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMSD

Tgt Ion: 112 Resp: 1490828

Ion Ratio Lower Upper

112 100

64 64.4 49.0 73.6

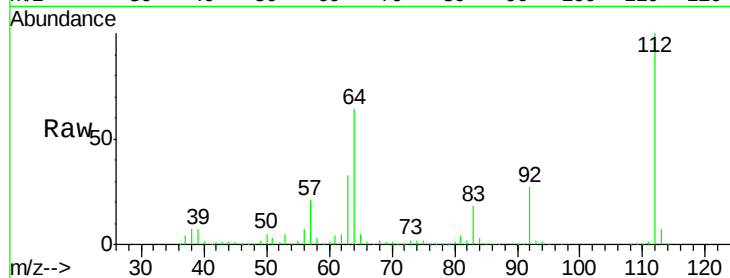
63 32.6 24.6 37.0

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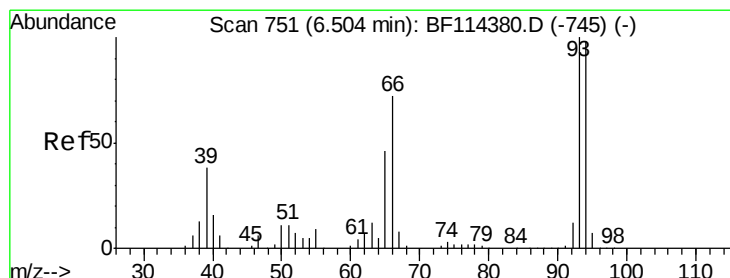
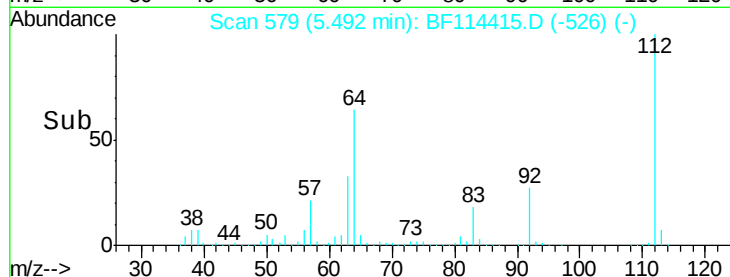
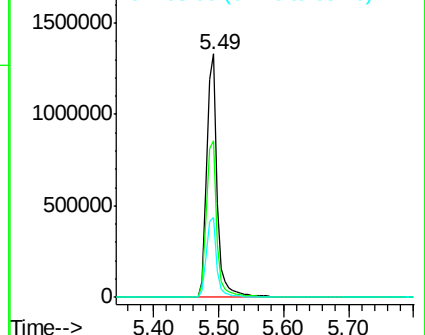
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.377 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

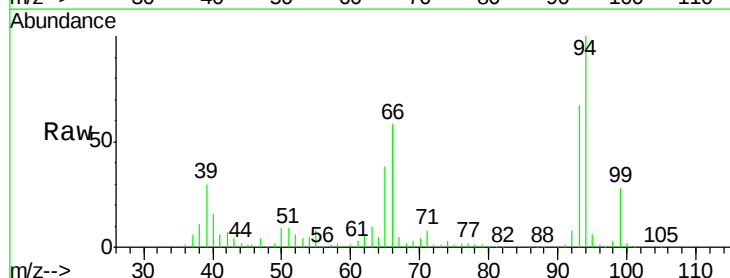
Tgt Ion: 93 Resp: 274816

Ion Ratio Lower Upper

93 100

66 85.4 33.2 49.8#

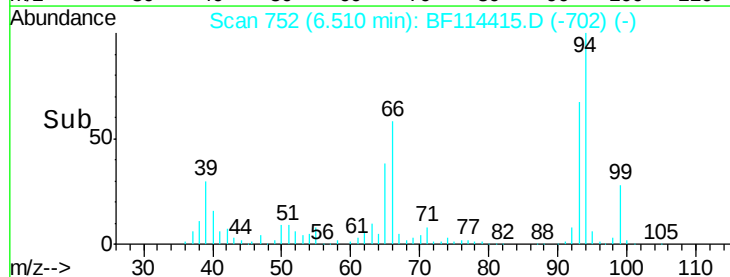
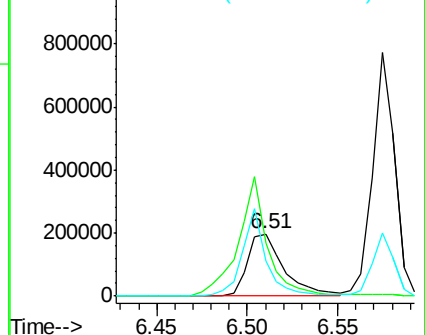
65 55.9 17.6 26.4#

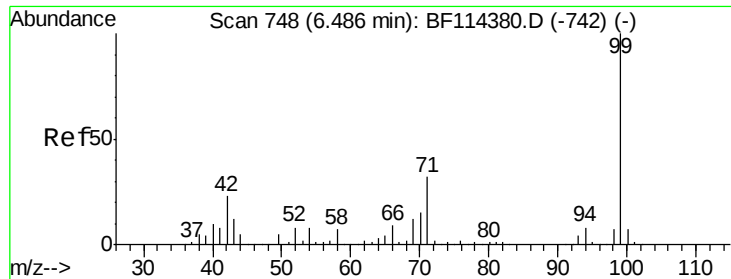


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.343 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1828430

Ion Ratio Lower Upper

99 100

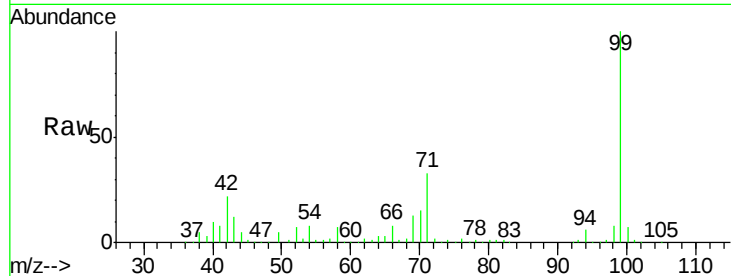
42 22.4 17.9 26.9

71 33.0 26.2 39.2

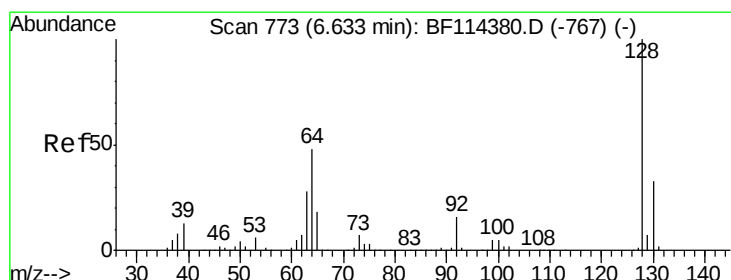
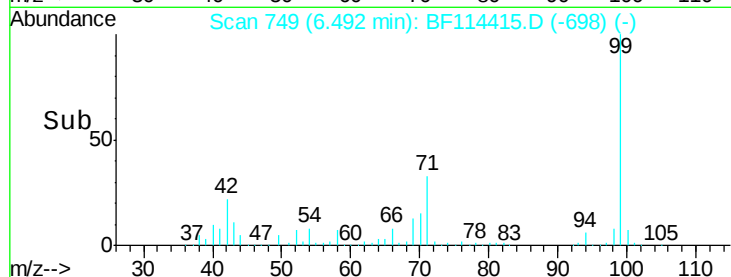
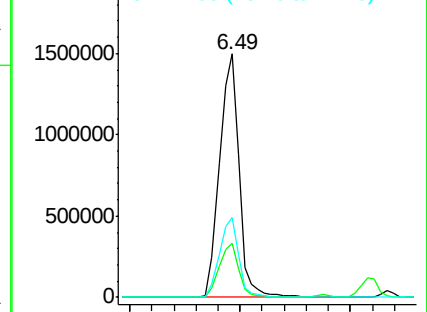
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.967 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

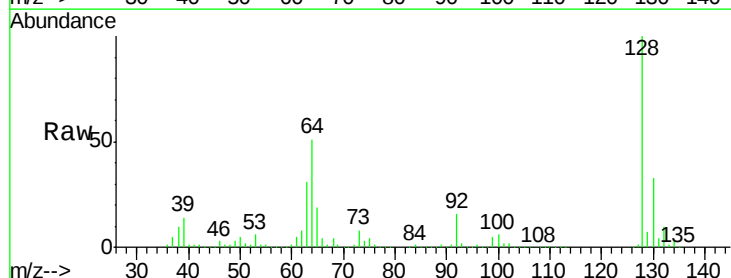
Tgt Ion: 128 Resp: 633425

Ion Ratio Lower Upper

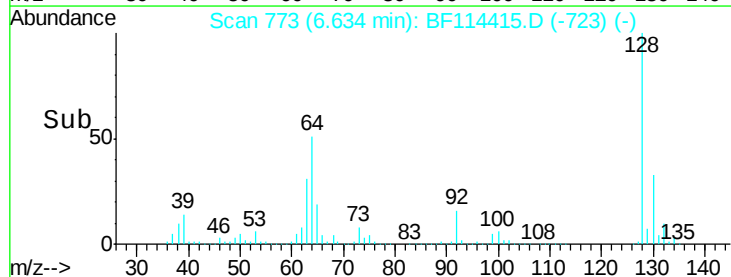
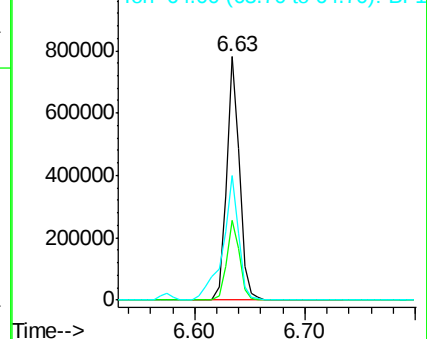
128 100

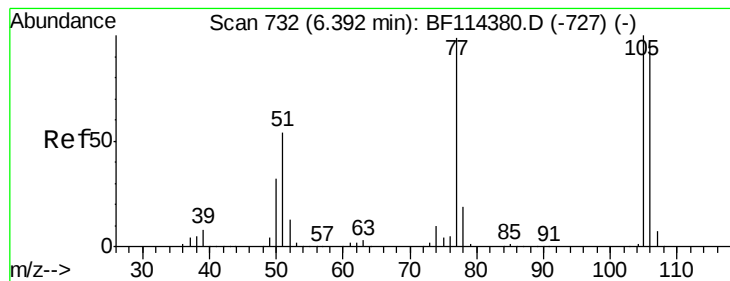
130 33.0 12.6 52.6

64 51.4 35.9 75.9



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





#9

Benzaldehyde

Concen: 16.418 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

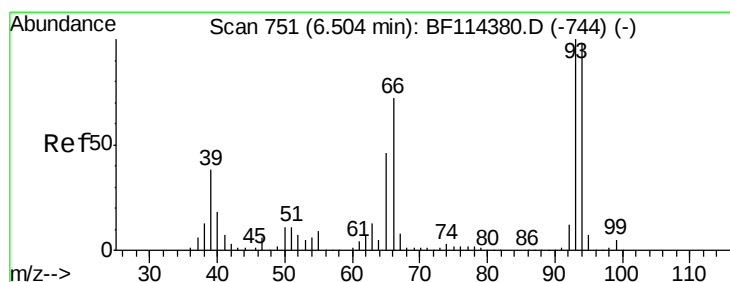
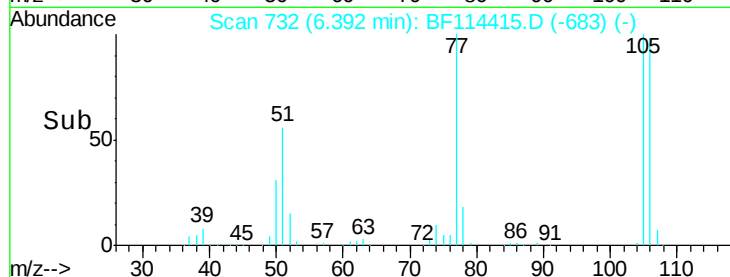
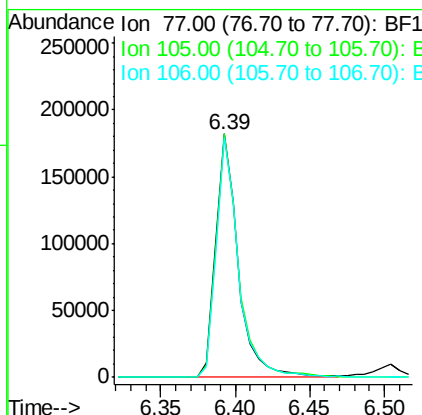
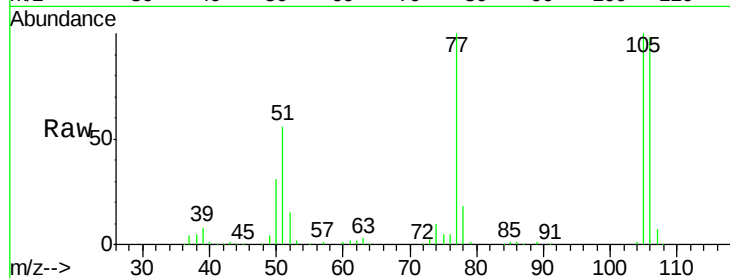
ClientSampleId :

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Tgt Ion:	77	Resp:	192201
Ion	Ratio	Lower	Upper
77	100		
105	100.0	79.3	119.3
106	98.3	77.0	117.0

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#10

Phenol

Concen: 34.533 ng

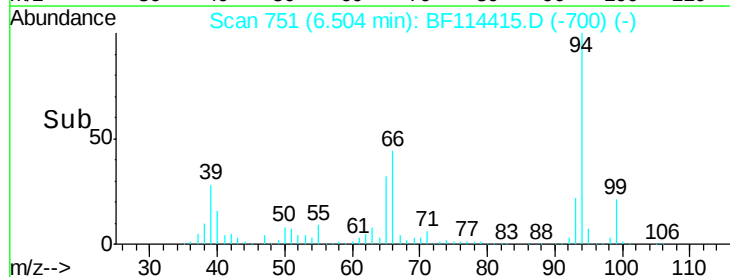
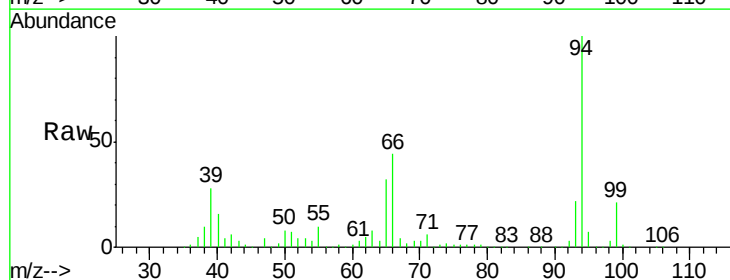
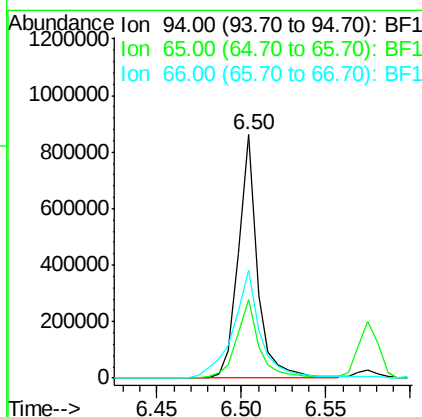
RT: 6.50 min Scan# 751

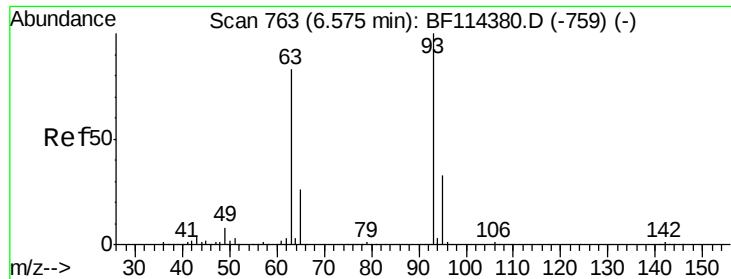
Delta R.T. -0.00 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	94	Resp:	679301
Ion	Ratio	Lower	Upper
94	100		
65	32.1	14.7	54.7
66	44.1	29.6	69.6





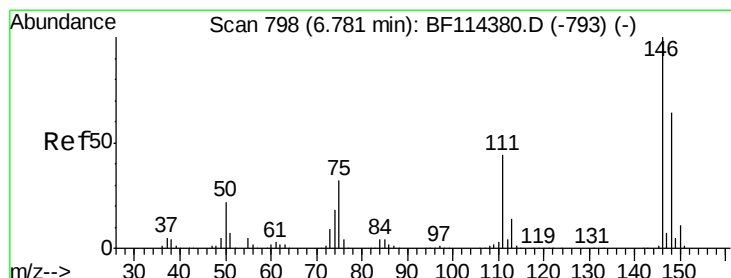
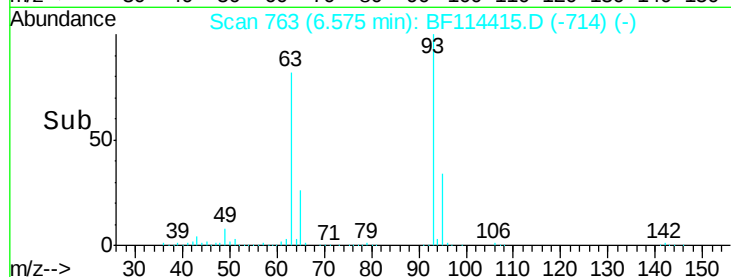
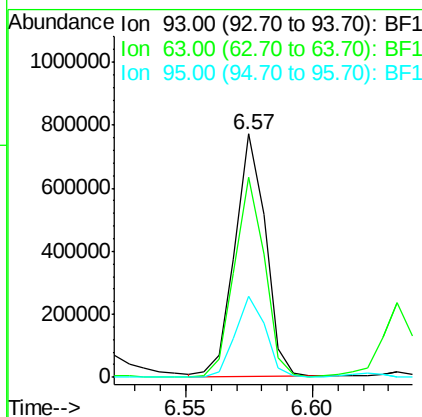
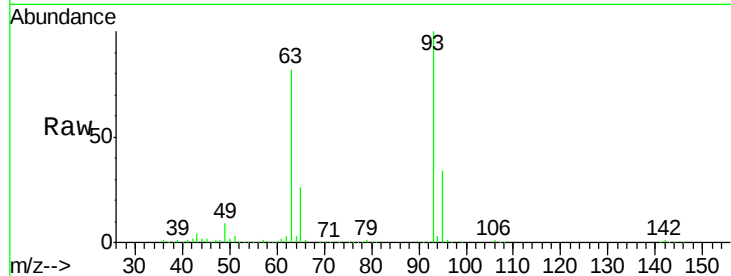
#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.3	63.6	103.6
95	33.5	13.1	53.1

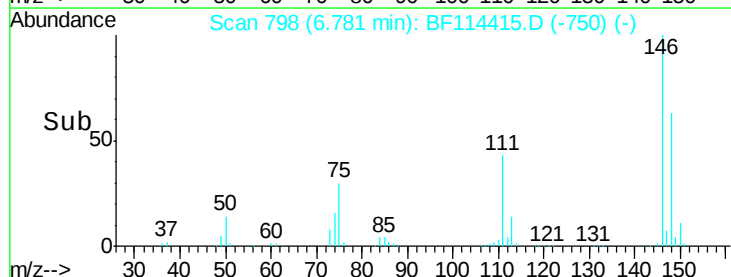
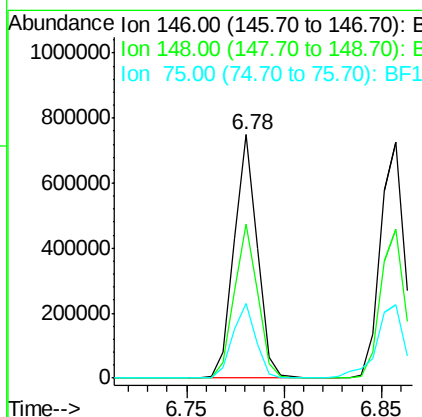
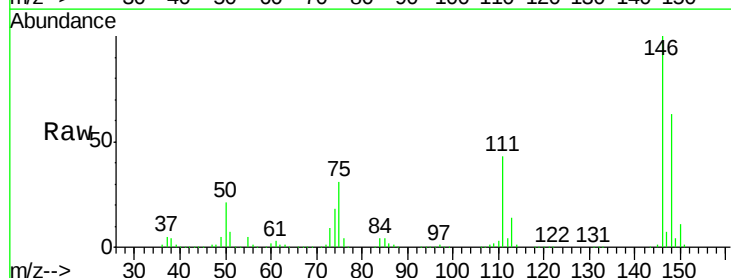
Manual Integrations
APPROVED

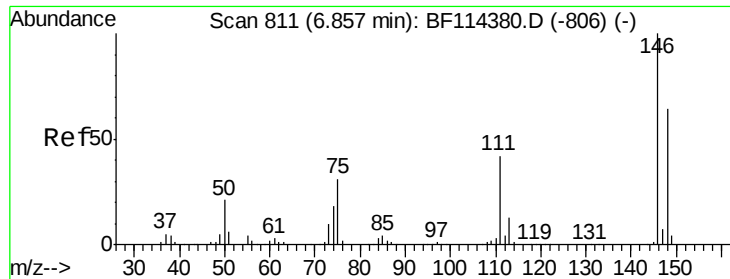
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.348 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
75	30.8	24.2	36.2





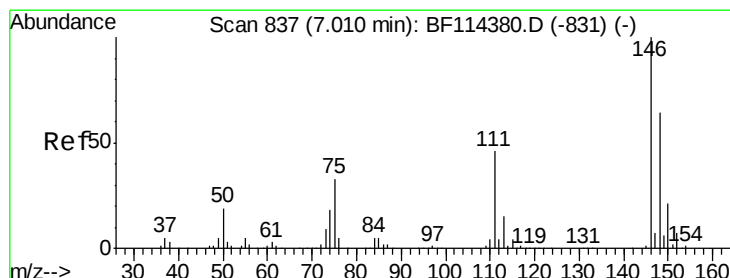
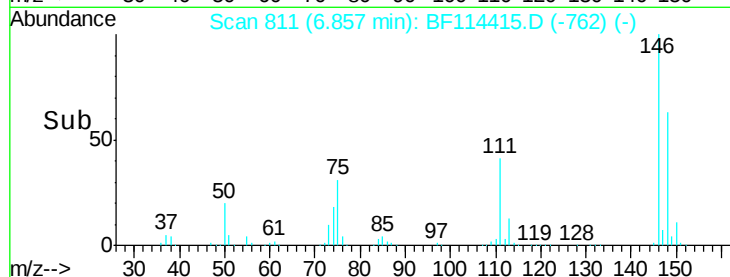
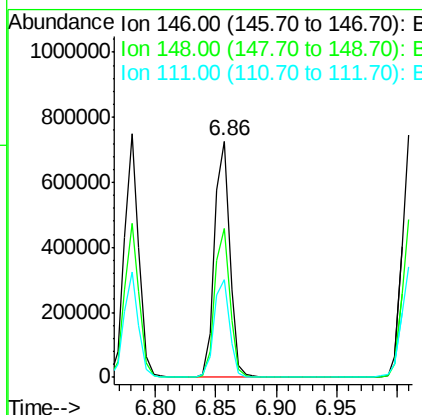
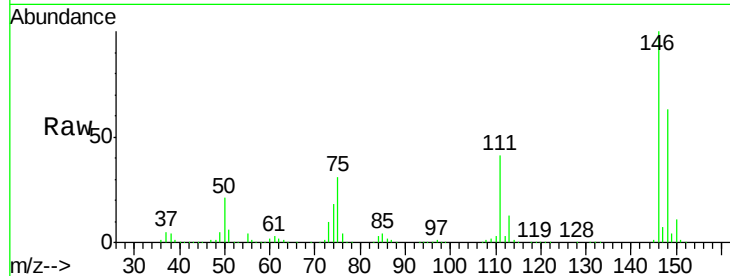
#13
 1,4-Dichlorobenzene
 Concen: 36.711 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.2	75.2
111	41.1	35.8	53.6

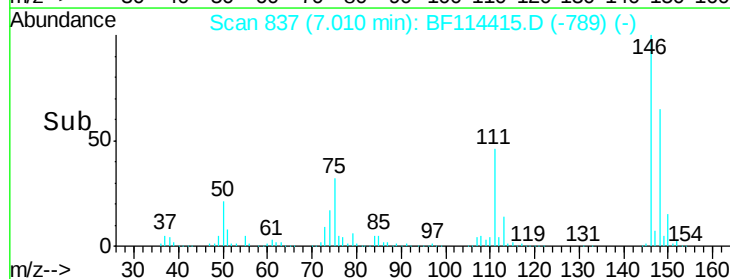
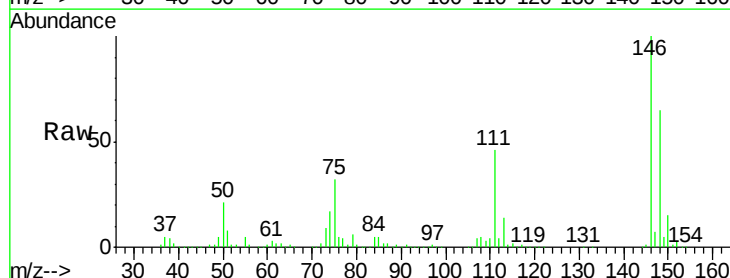
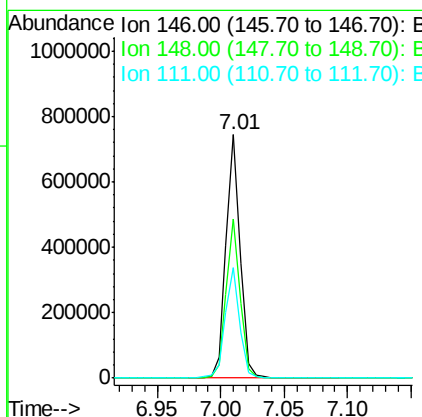
Manual Integrations
 APPROVED

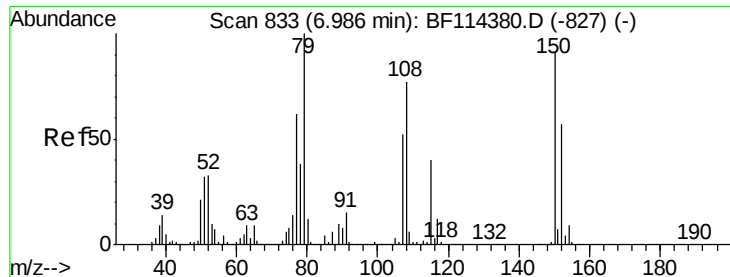
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.976 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	45.6	35.3	52.9





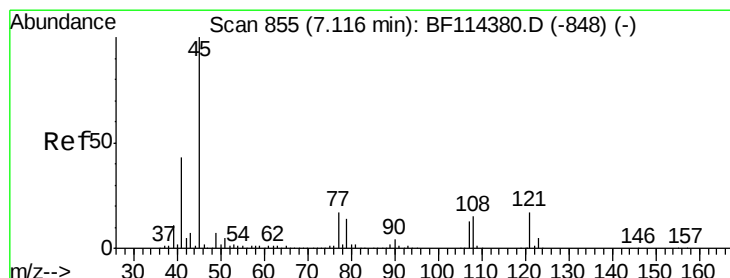
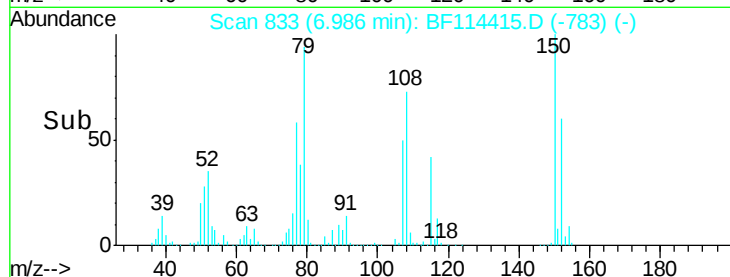
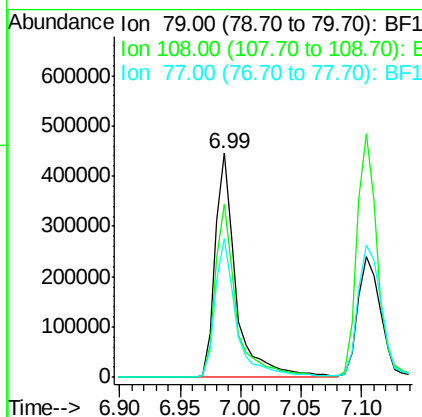
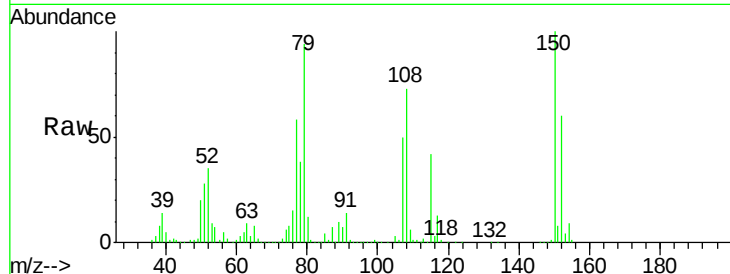
#15
Benzyl Alcohol
Concen: 40.468 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion: 79 Resp: 527785
Ion Ratio Lower Upper
79 100
108 77.1 62.1 93.1
77 61.9 51.0 76.6

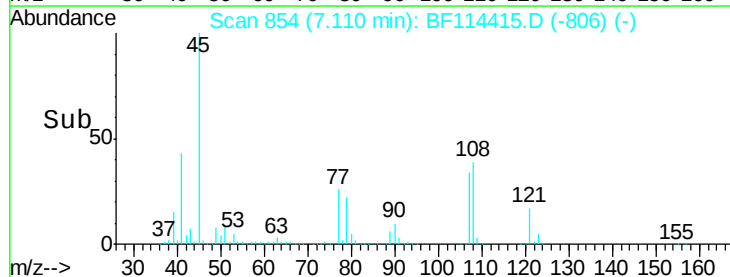
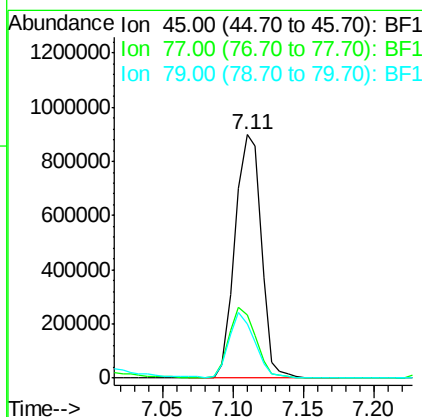
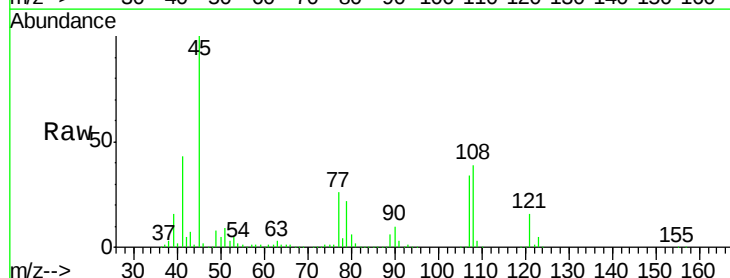
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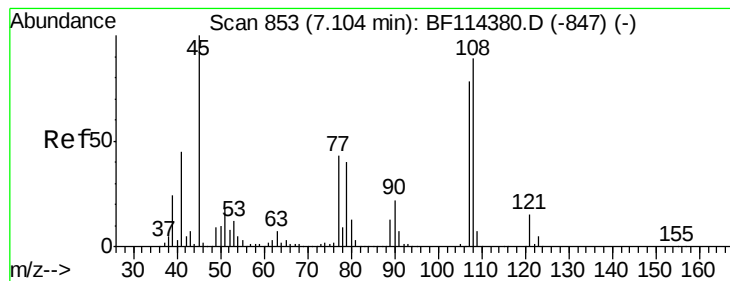
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.210 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion: 45 Resp: 1164337
Ion Ratio Lower Upper
45 100
77 25.8 0.0 31.1
79 22.3 0.0 28.4





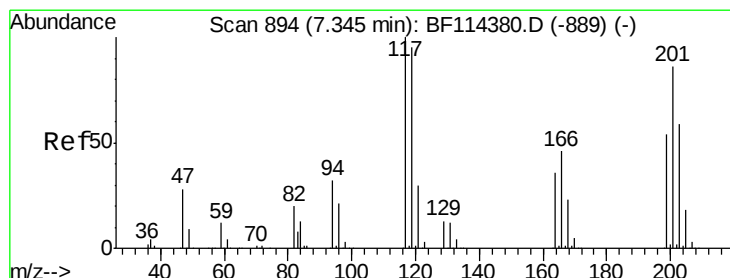
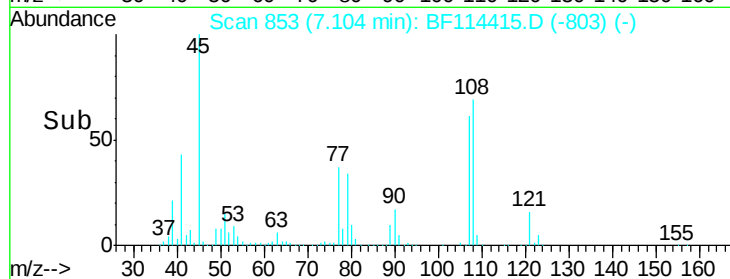
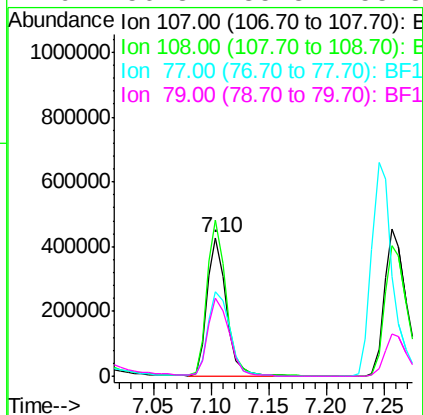
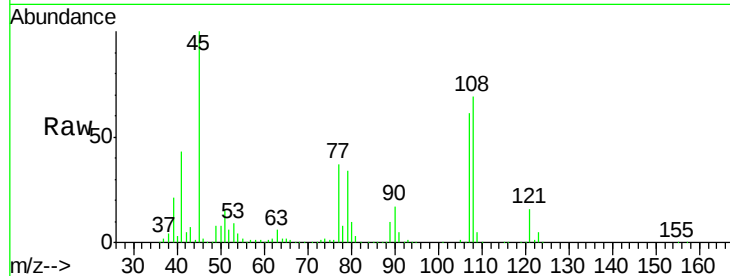
#17
2-Methylphenol
Concen: 39.654 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.1	90.5	135.7
77	61.4	37.0	55.4
79	56.3	35.8	53.8

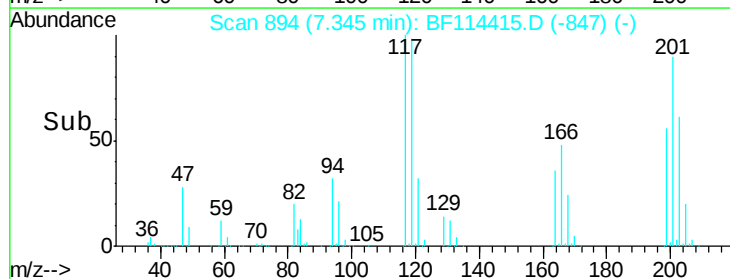
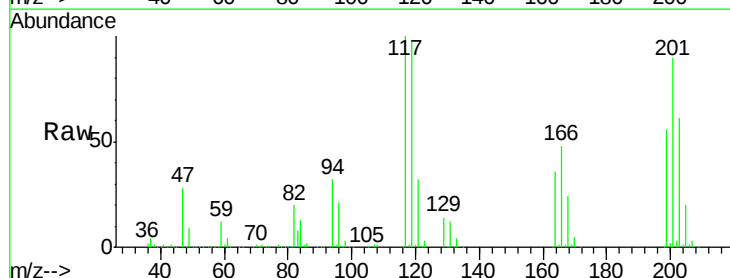
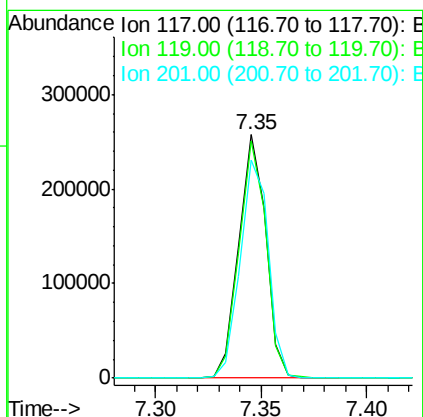
Manual Integrations
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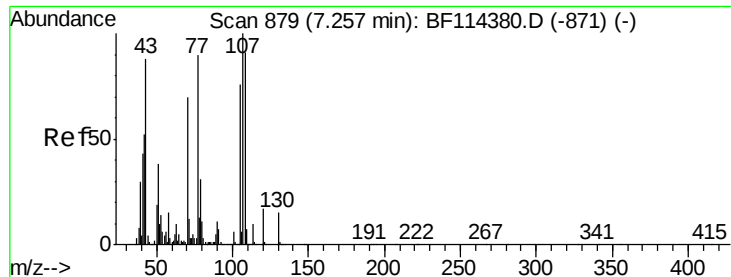
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#18
Hexachloroethane
Concen: 35.545 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.7	77.4	116.2
201	89.5	74.5	111.7





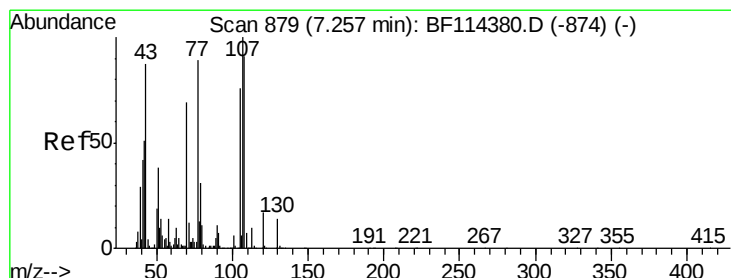
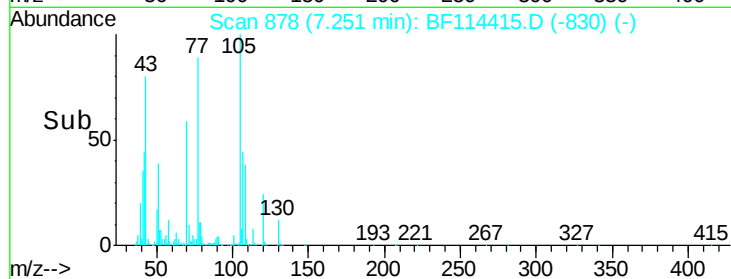
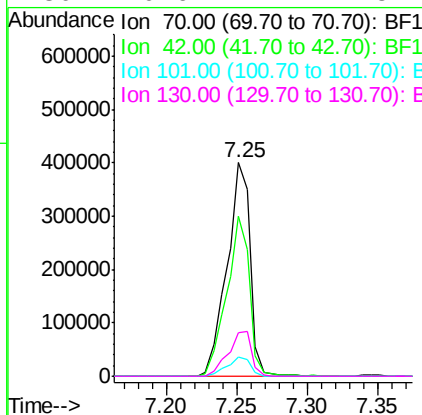
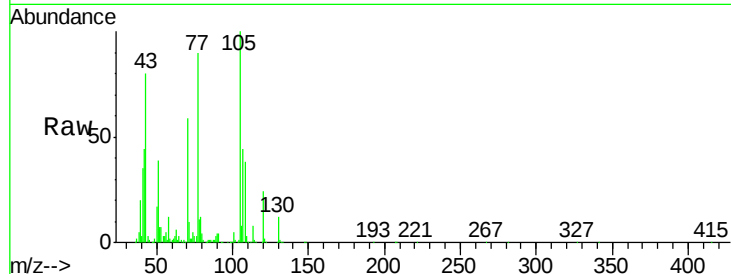
#19
n-Nitroso-di-n-propylamine
Concen: 43.022 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	455999		
42	74.9	58.6	87.8	
101	9.2	7.8	11.8	
130	20.6	17.1	25.7	

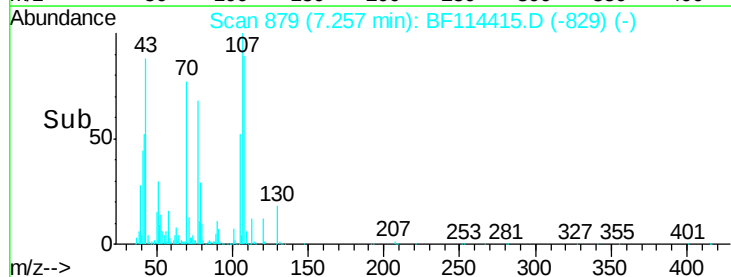
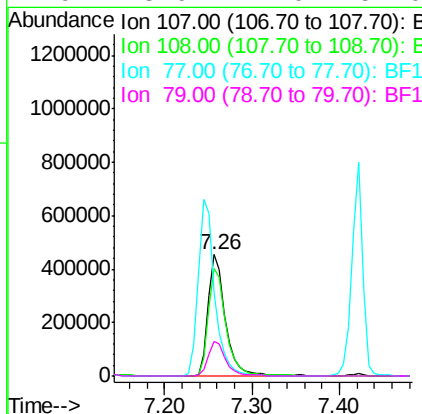
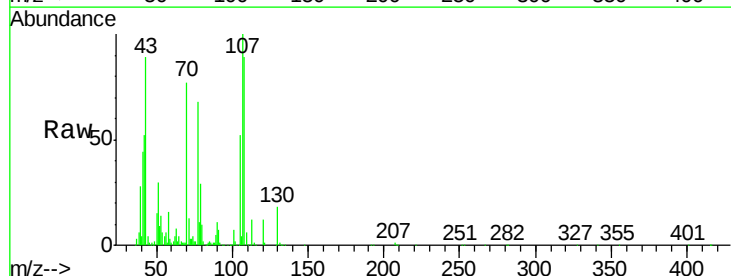
Manual Integrations
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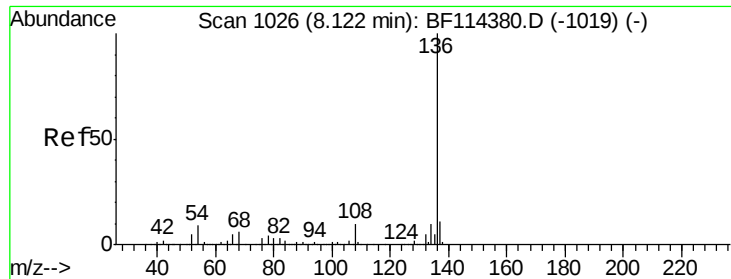
Sohil
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#20
3+4-Methylphenols
Concen: 43.513 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	623335		
108	88.7	73.8	113.8	
77	68.2	111.5	151.5#	
79	28.9	12.0	52.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

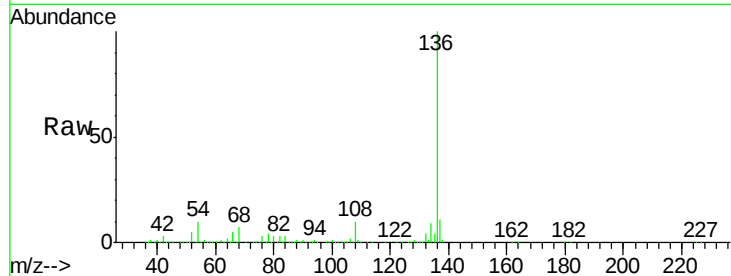
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	844405		
137	11.2	8.8	13.2	
54	9.9	7.8	11.8	
68	6.6	5.1	7.7	

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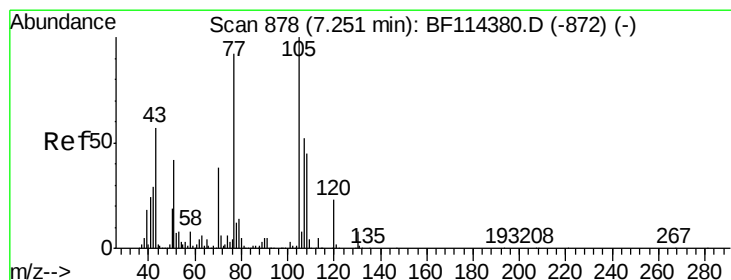
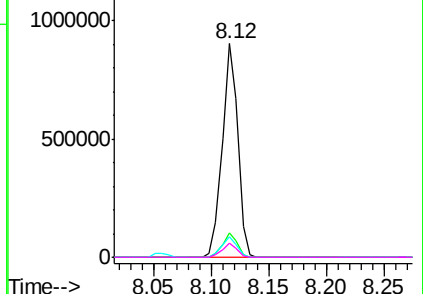
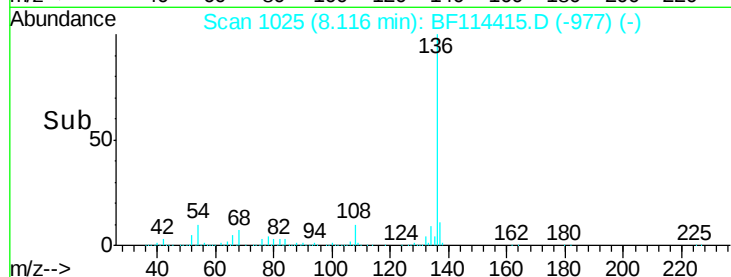


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.224 ng

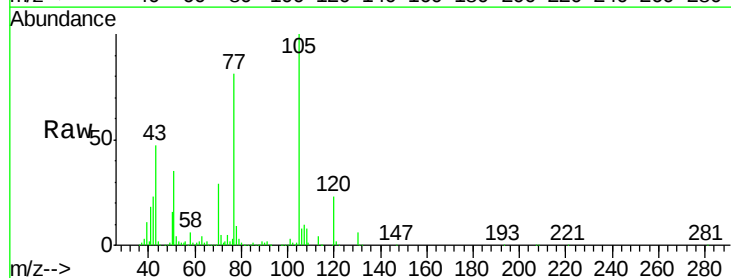
RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	864681		
71	5.0	5.3	7.9#	
51	34.6	36.2	54.4#	
120	23.0	18.6	28.0	

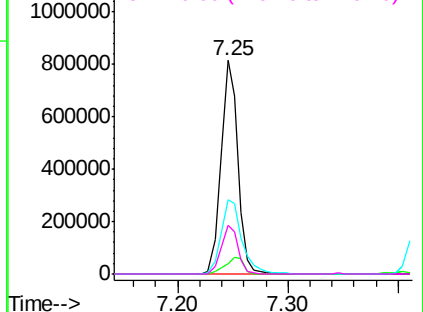
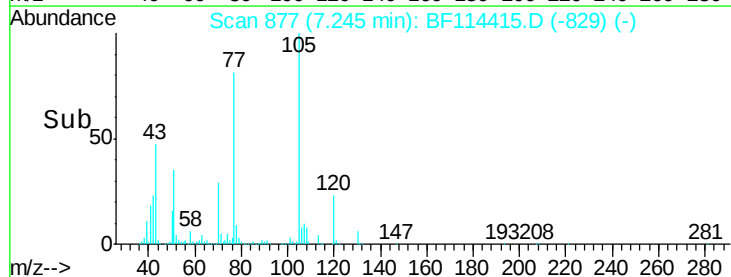


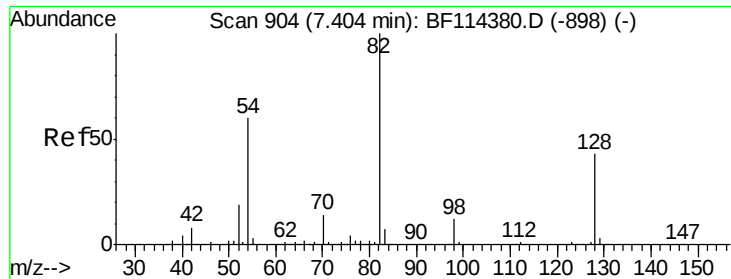
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





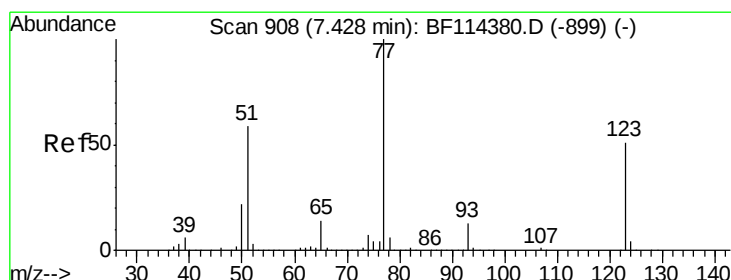
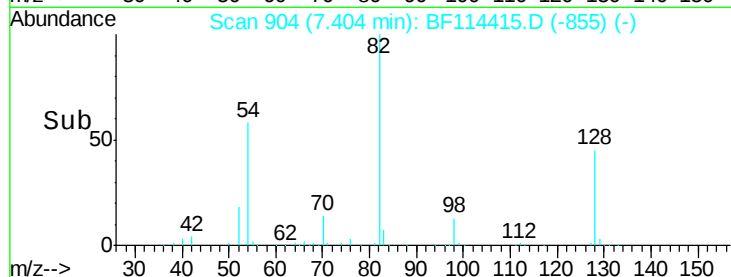
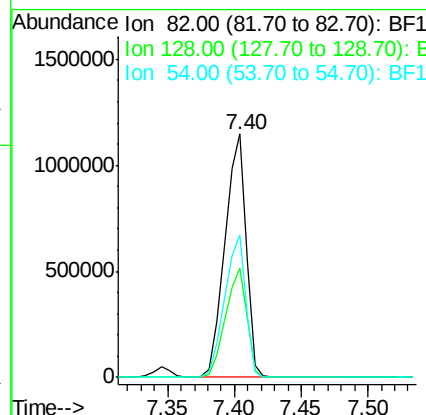
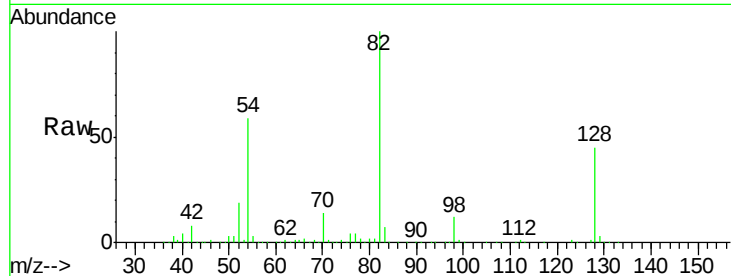
#23
Nitrobenzene-d5
Concen: 86.113 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	58.8	48.5	72.7

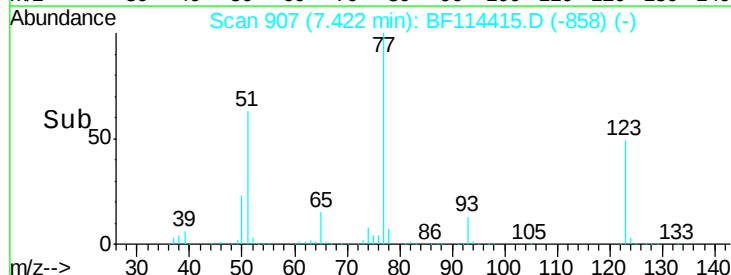
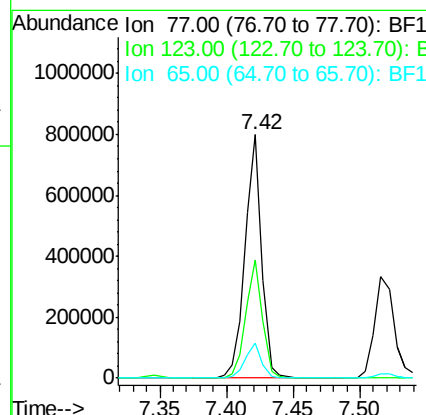
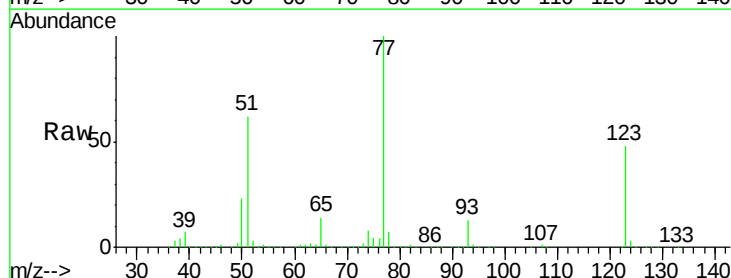
Manual Integrations
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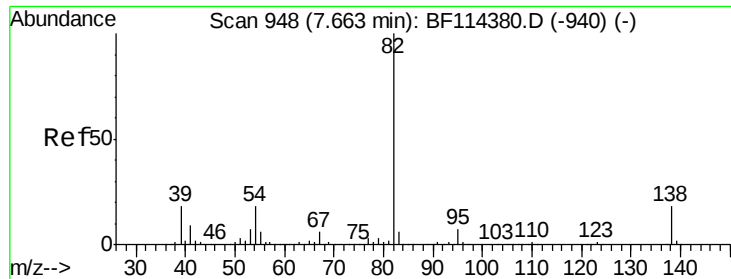
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#24
Nitrobenzene
Concen: 44.919 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	36.9	55.3
65	14.5	11.8	17.6





#25

Isophorone

Concen: 45.509 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

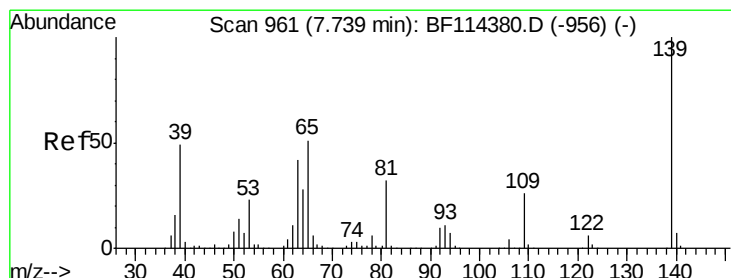
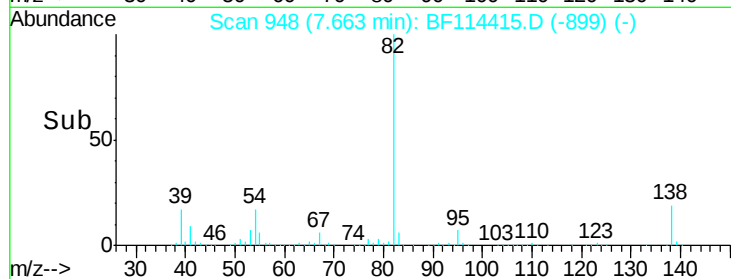
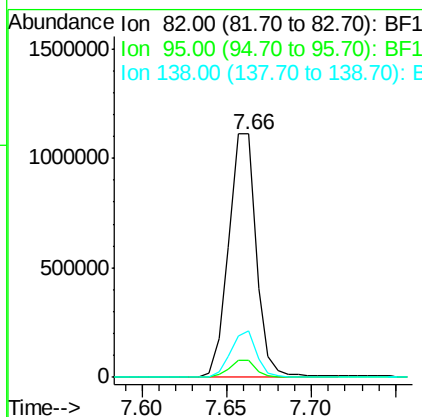
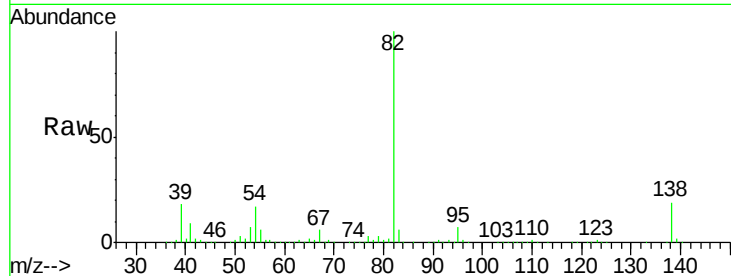
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	82	Resp:	1269941
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.1	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.070 ng

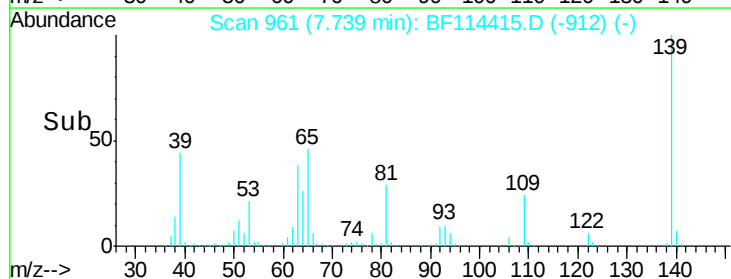
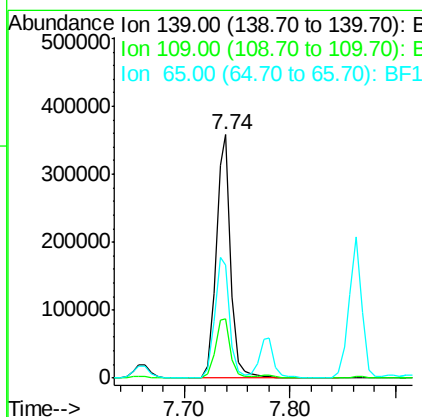
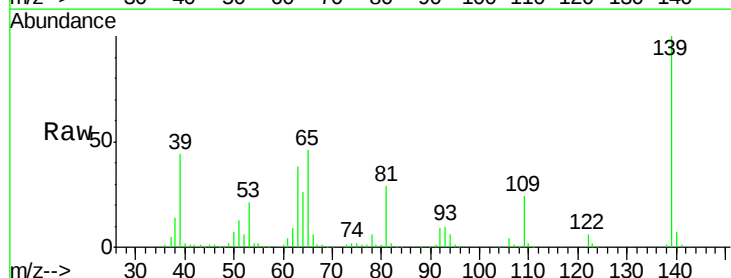
RT: 7.74 min Scan# 961

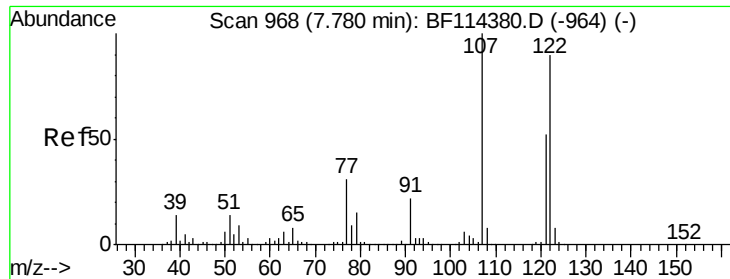
Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	139	Resp:	349969
Ion	Ratio	Lower	Upper
139	100		
109	24.3	20.7	31.1
65	46.5	40.2	60.2





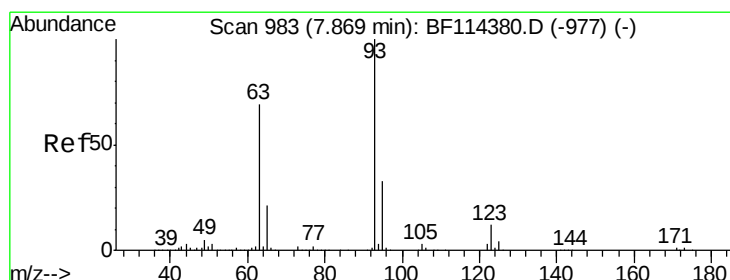
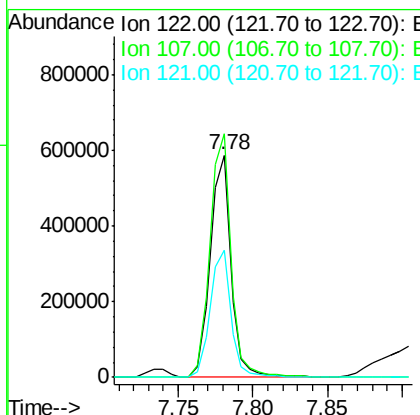
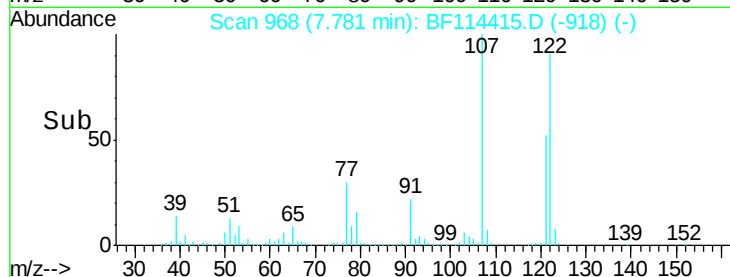
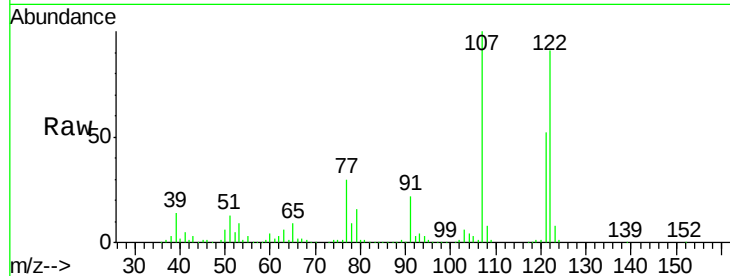
#27
2,4-Dimethylphenol
Concen: 48.382 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	564982		
107	109.6	88.4	132.6	
121	57.0	45.9	68.9	

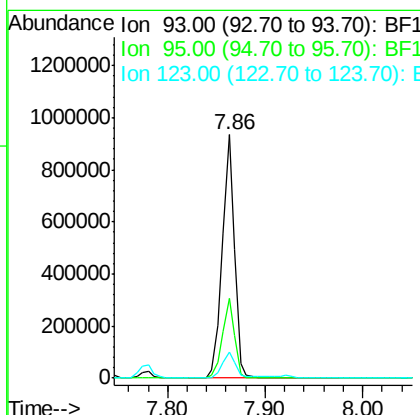
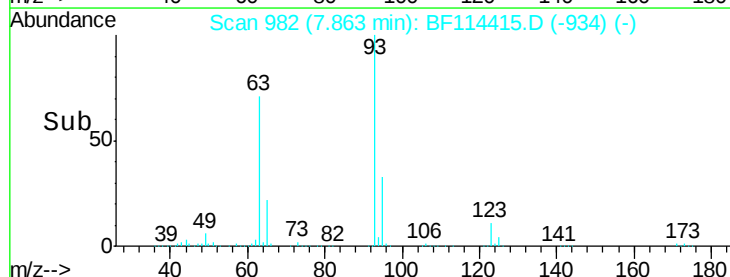
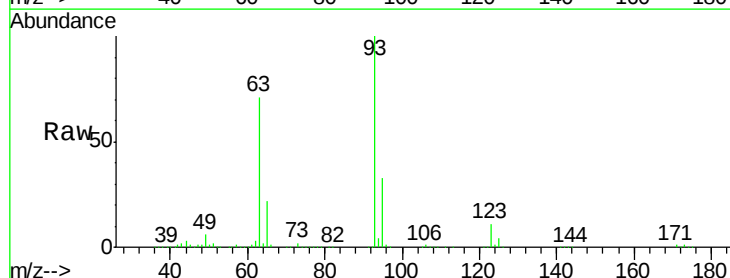
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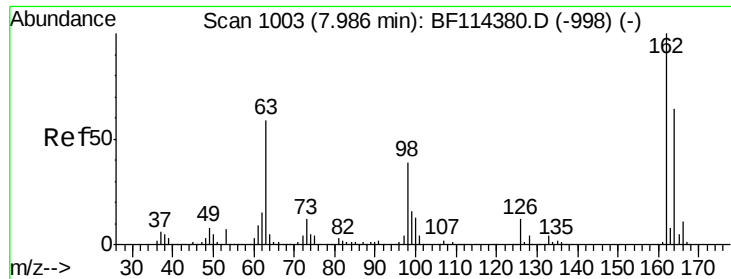
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#28
bis(2-Chloroethoxy)methane
Concen: 45.223 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	818805		
95	32.7	26.8	40.2	
123	10.7	9.5	14.3	





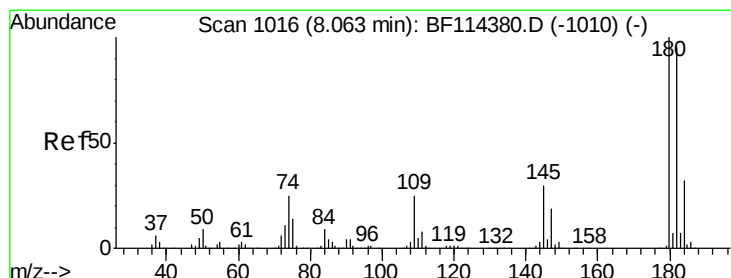
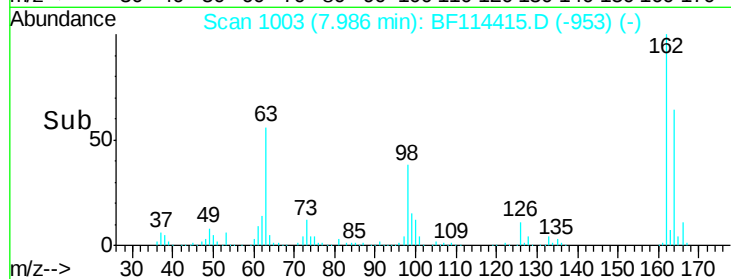
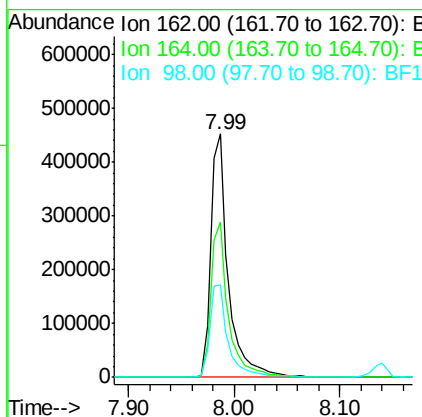
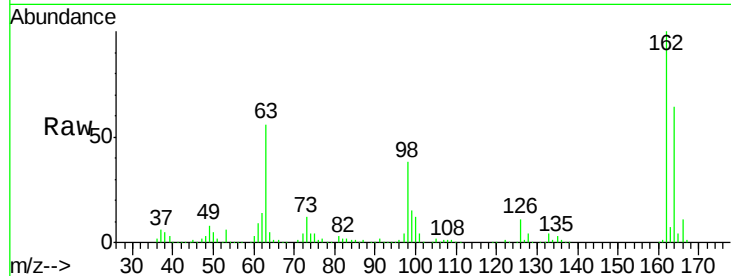
#29
2,4-Dichlorophenol
Concen: 45.298 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	526719		
164	64.0	43.6	83.6	
98	37.9	20.6	60.6	

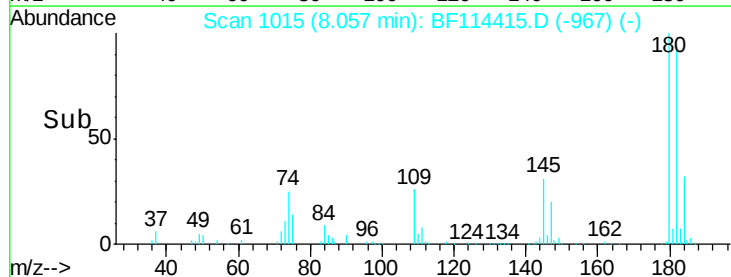
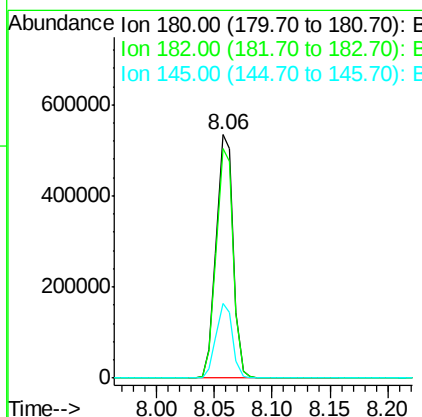
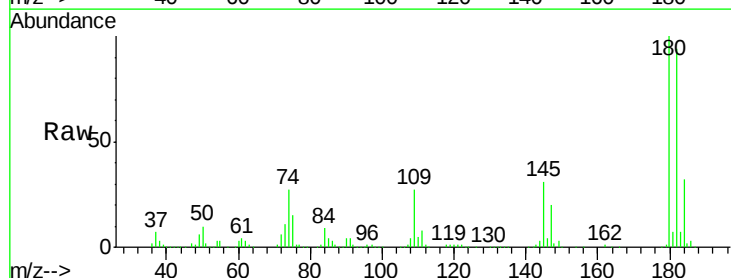
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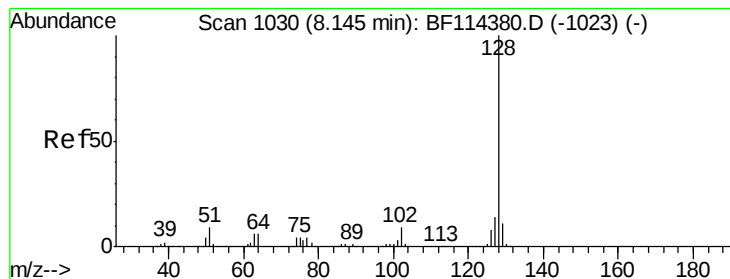
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#30
1,2,4-Trichlorobenzene
Concen: 41.351 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	546763		
182	94.1	76.6	114.8	
145	30.9	25.1	37.7	





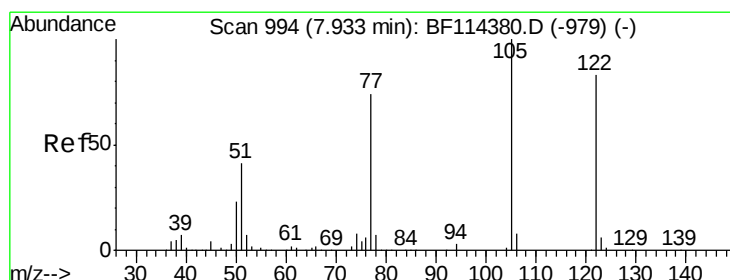
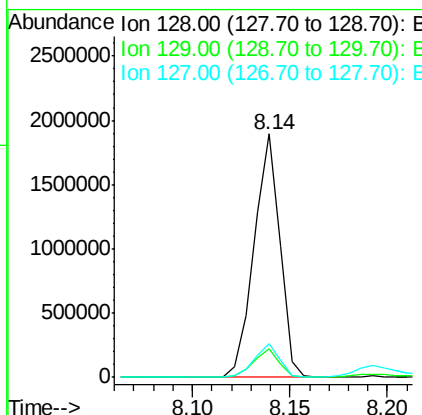
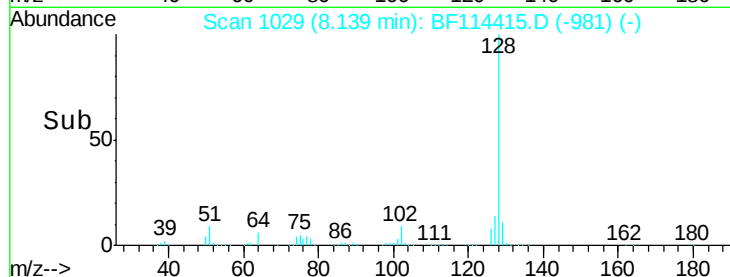
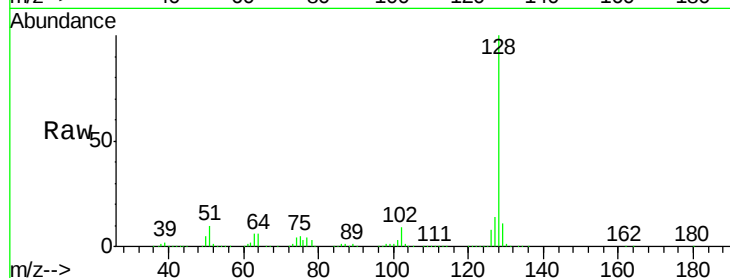
#31
Naphthalene
Concen: 44.092 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion:128 Resp: 1739154
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.3 16.9

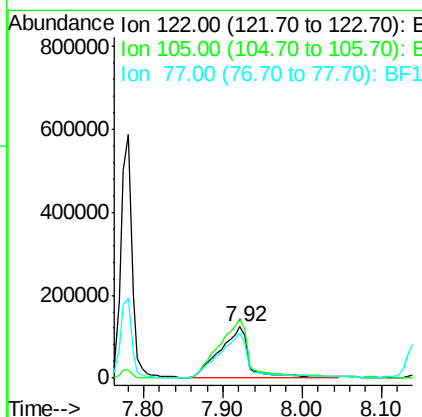
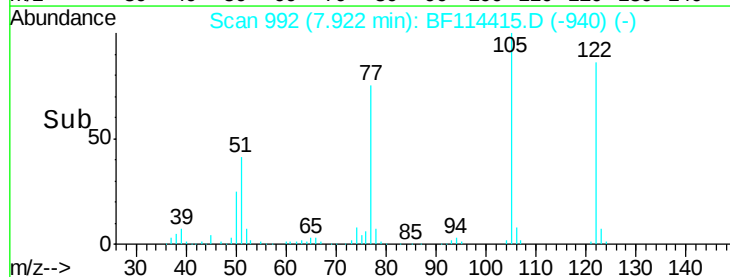
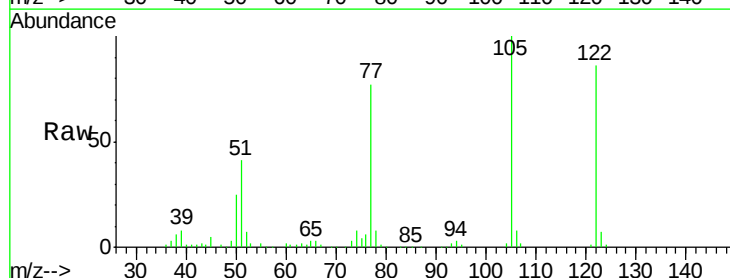
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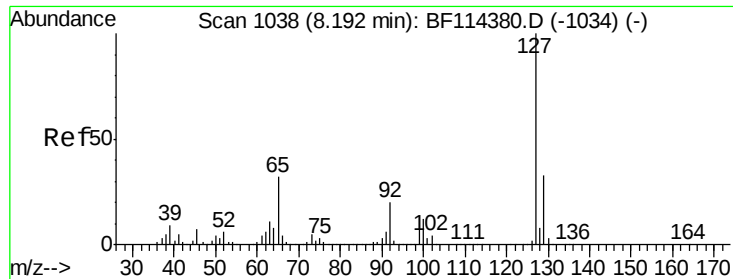
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#32
Benzoic acid
Concen: 38.547 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:122 Resp: 307470
Ion Ratio Lower Upper
122 100
105 116.6 99.9 139.9
77 89.4 69.4 109.4





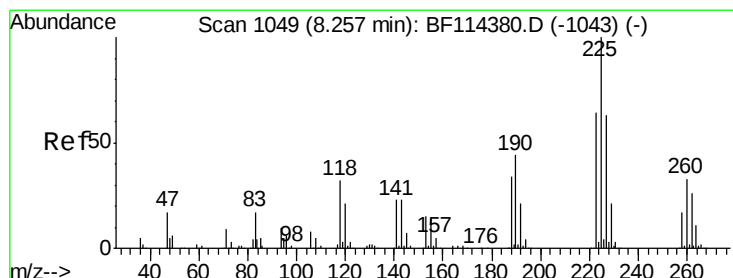
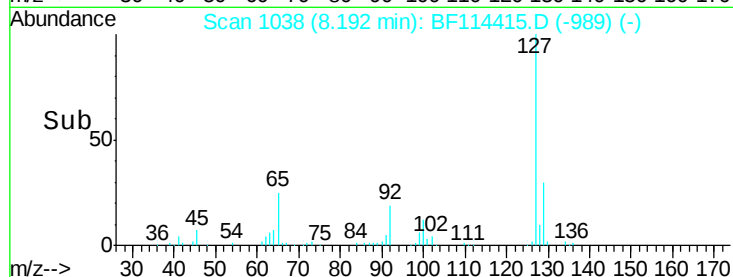
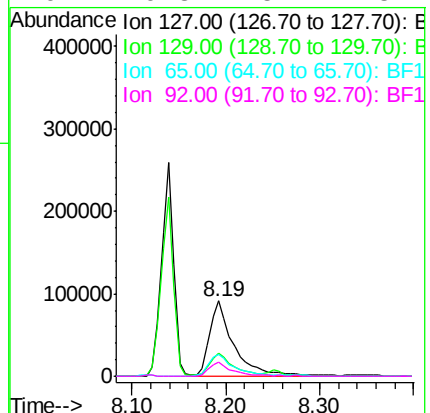
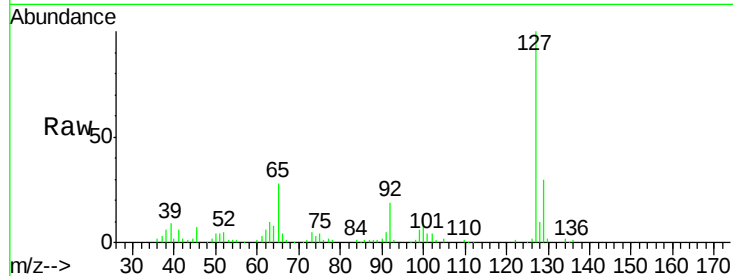
#33
4-Chloroaniline
Concen: 9.069 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	163007		
129	30.3	26.7	40.1	
65	28.5	25.4	38.0	
92	19.3	15.4	23.2	

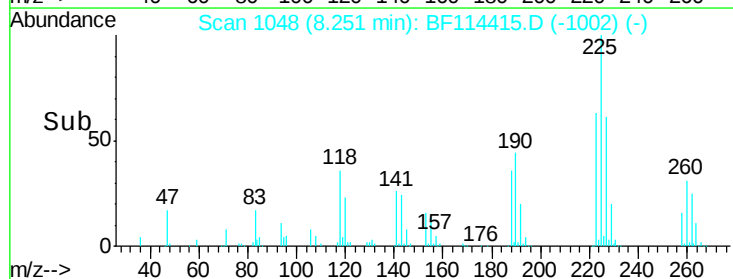
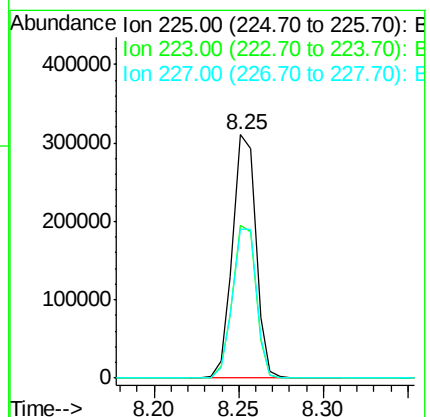
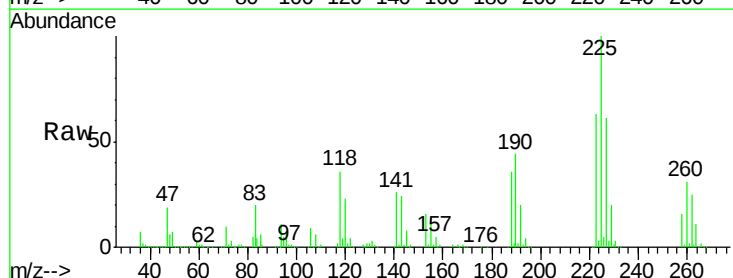
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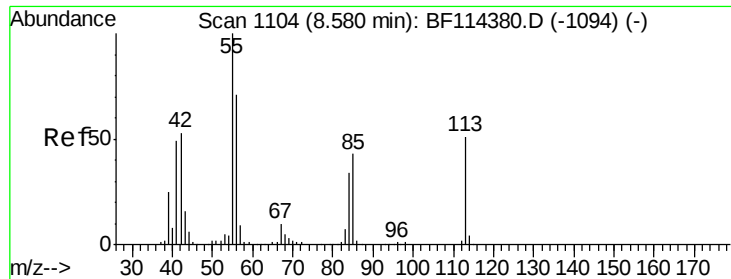
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#34
Hexachlorobutadiene
Concen: 39.663 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	298397		
223	63.0	50.2	75.2	
227	61.3	52.6	79.0	





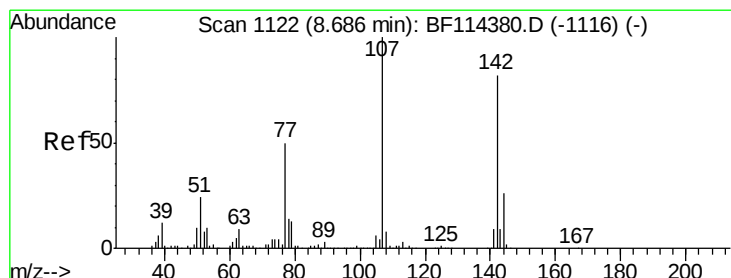
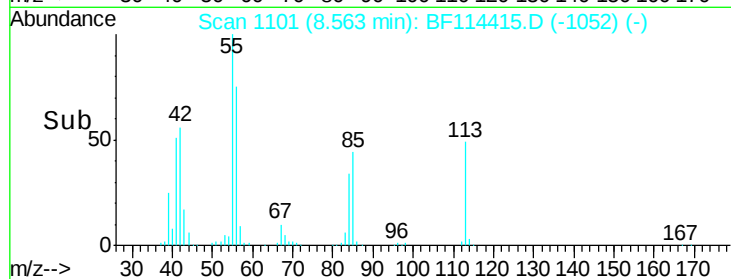
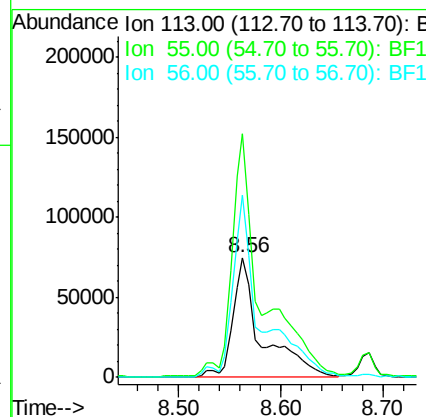
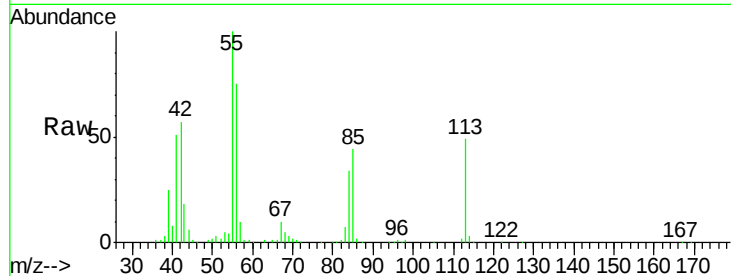
#35
 Caprolactam
 Concen: 38.940 ng m
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion:113 Resp: 147642
 Ion Ratio Lower Upper
 113 100
 55 203.2 183.5 223.5
 56 151.6 128.8 168.8

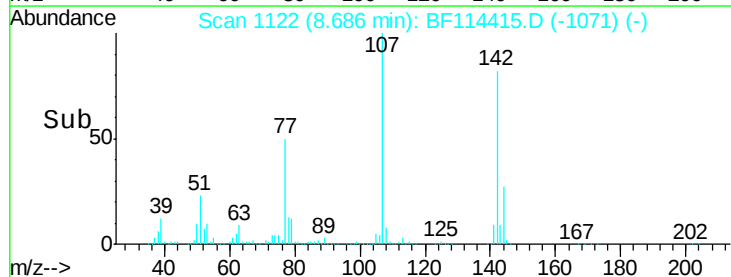
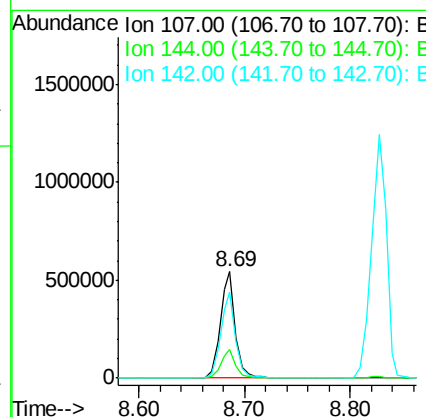
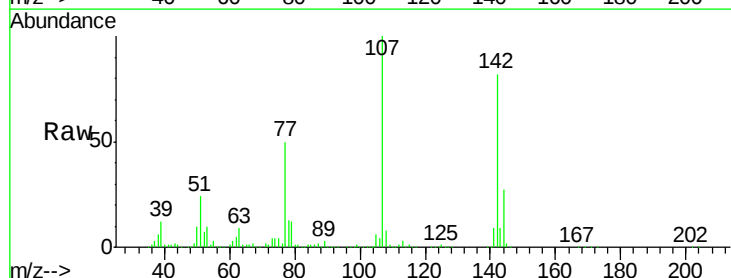
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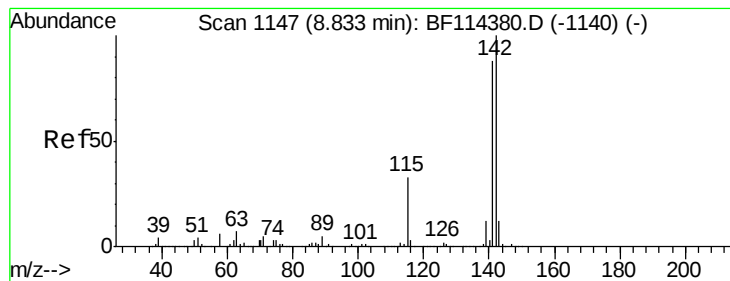
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#36
 4-Chloro-3-methylphenol
 Concen: 46.296 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:107 Resp: 541867
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.4 30.6
 142 81.6 64.2 96.4





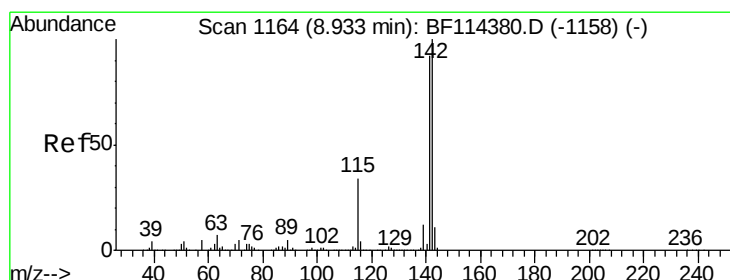
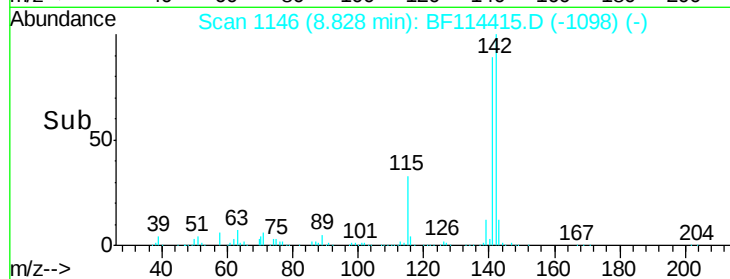
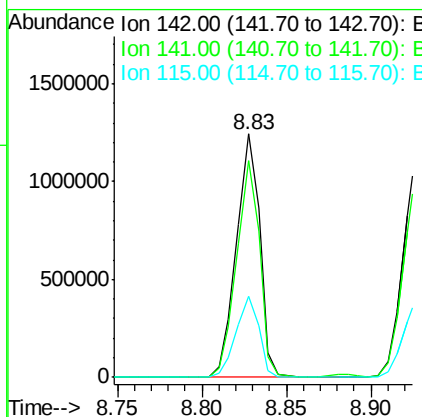
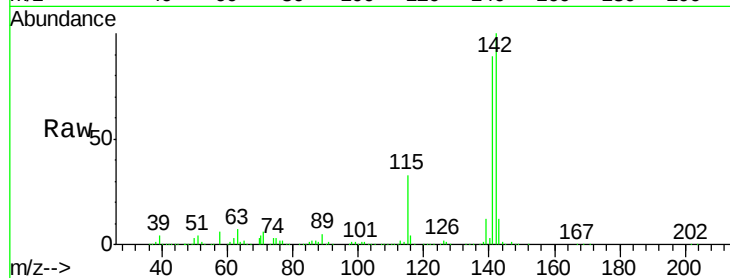
#37
 2-Methylnaphthalene
 Concen: 47.179 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion:142 Resp: 1200646
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.1 108.1
 115 33.3 28.0 42.0

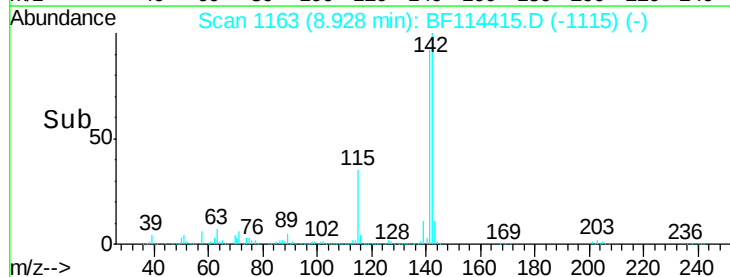
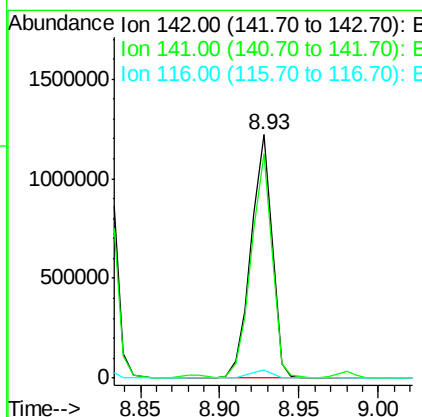
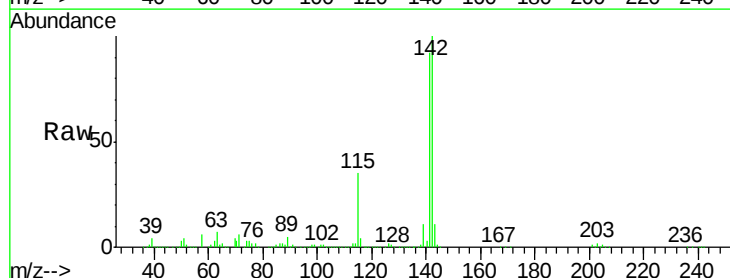
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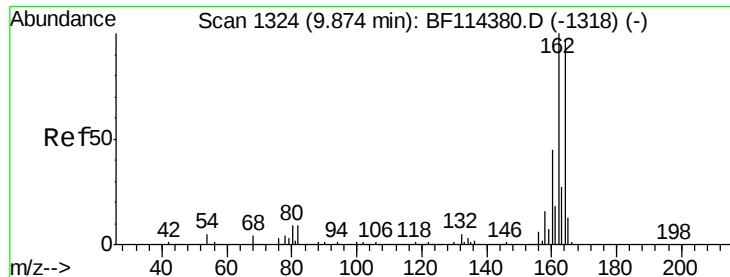
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#38
 1-Methylnaphthalene
 Concen: 47.068 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:142 Resp: 1128018
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.4 110.0
 116 3.6 3.1 4.7





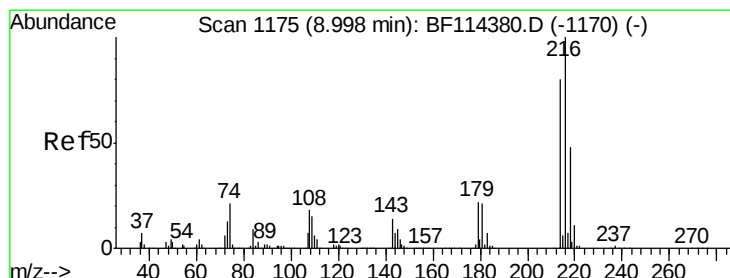
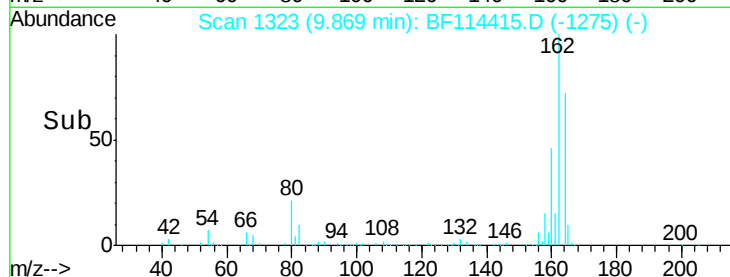
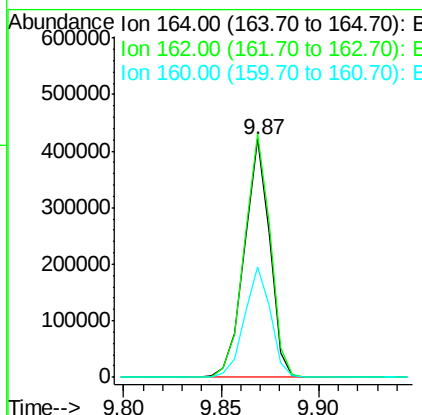
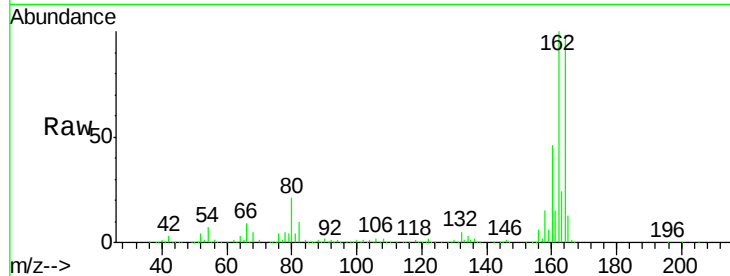
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	378961		
162	102.3	80.6	120.8	
160	46.7	36.5	54.7	

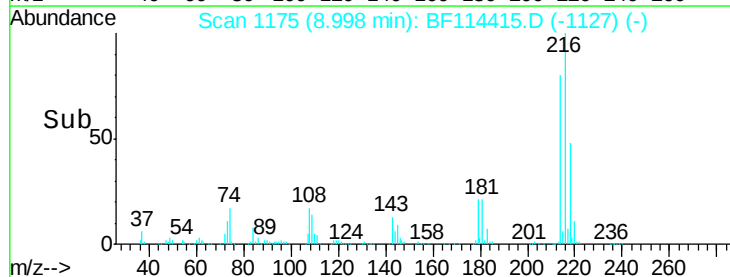
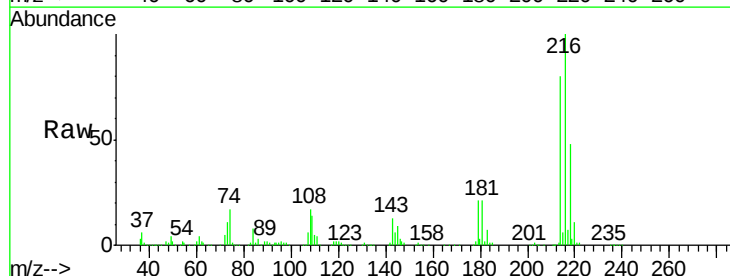
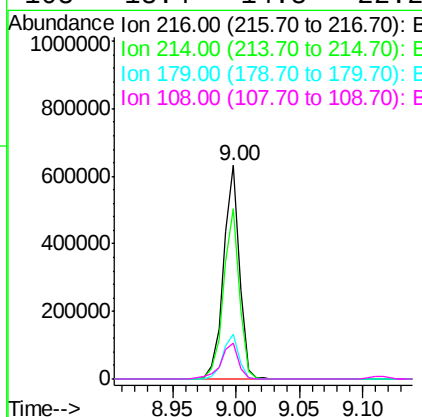
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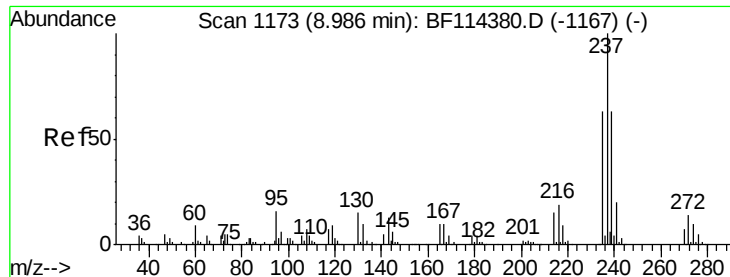
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.898 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	549847		
214	79.1	63.9	95.9	
179	20.9	17.0	25.6	
108	18.4	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 40.768 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

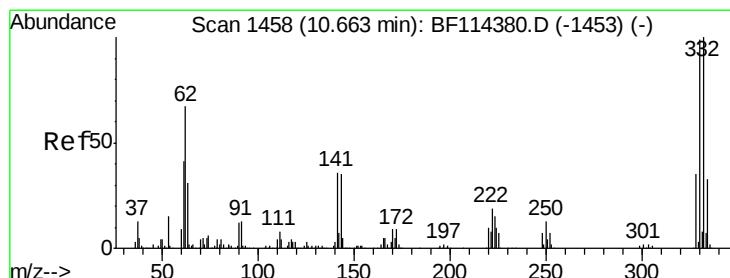
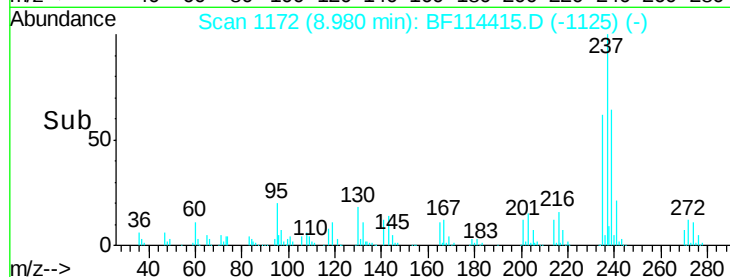
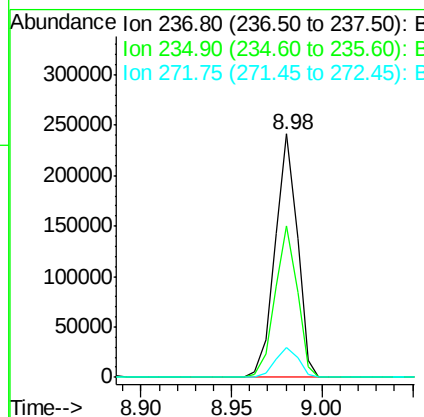
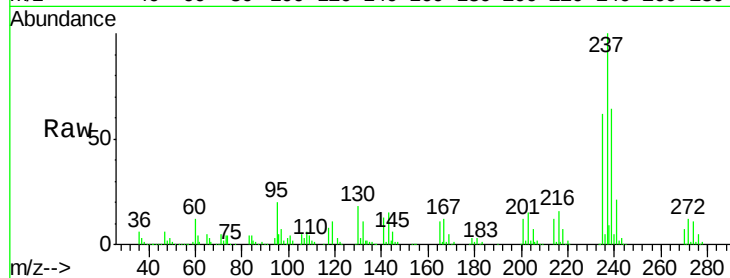
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	237	Resp:	206045
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.0	82.0
272	12.5	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 117.921 ng

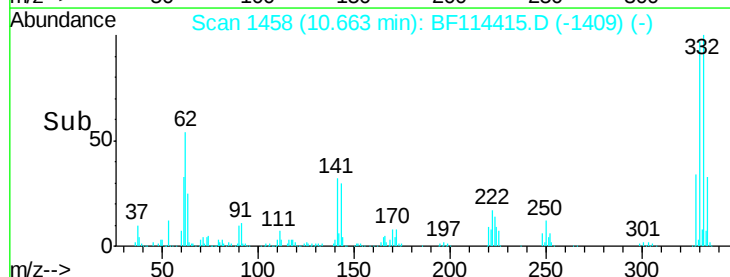
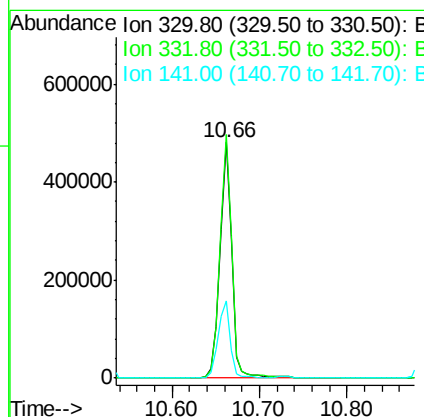
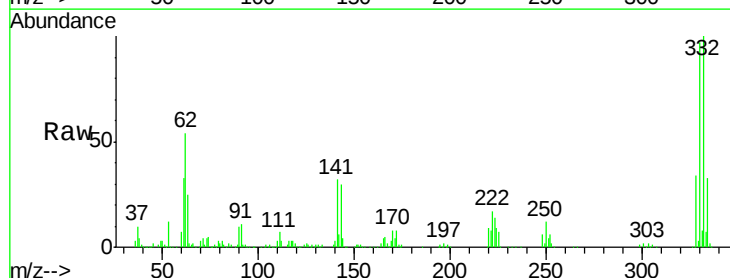
RT: 10.66 min Scan# 1458

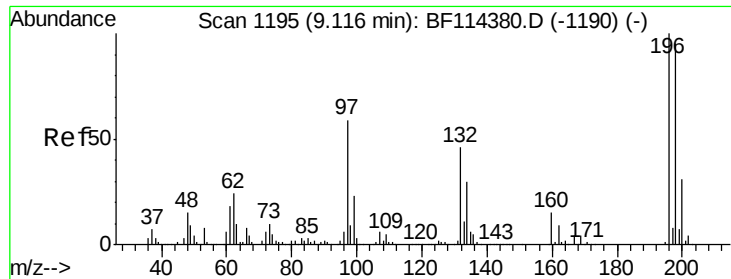
Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	330	Resp:	461993
Ion Ratio	Lower	Upper	
330	100		
332	103.5	81.4	122.2
141	33.1	26.6	40.0





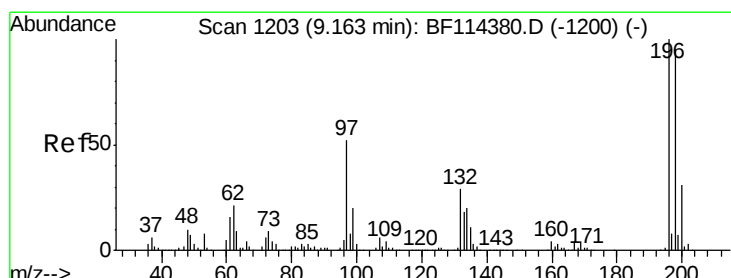
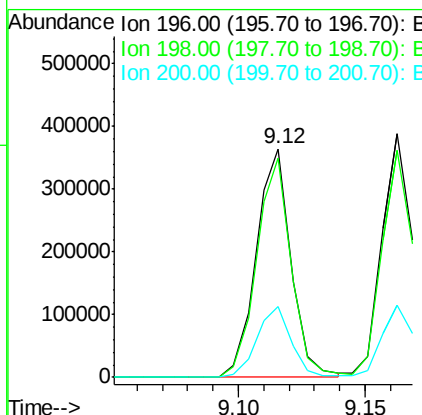
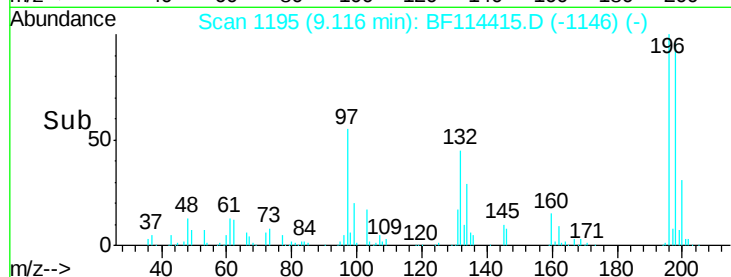
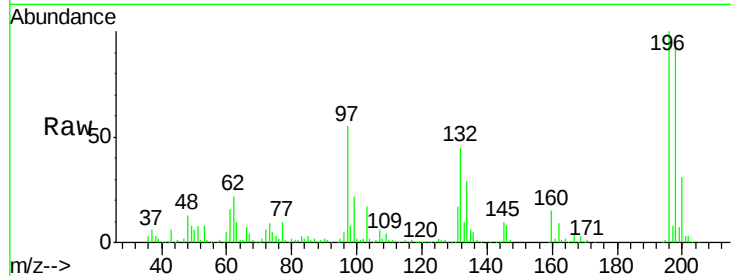
#43
 2,4,6-Trichlorophenol
 Concen: 44.147 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion:	196	Resp:	348583
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.9	113.9
200	31.1	23.5	35.3

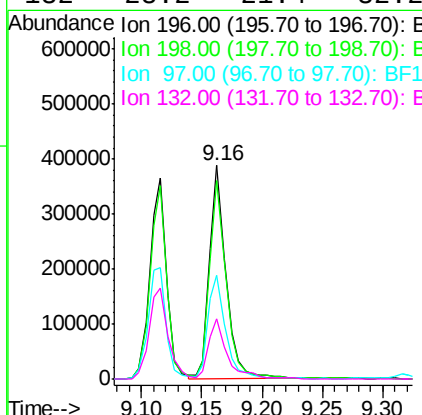
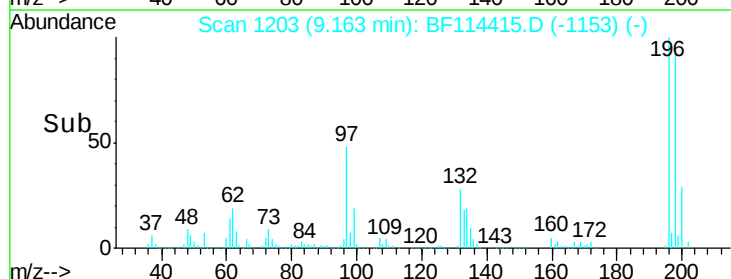
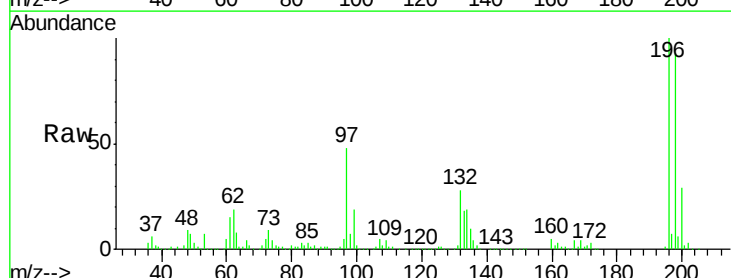
Manual Integrations
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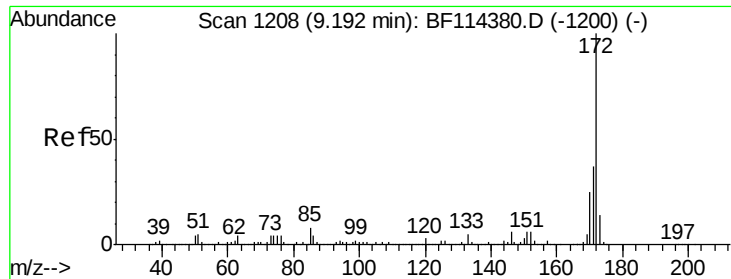
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.533 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:	196	Resp:	368710
Ion Ratio	Lower	Upper	
196	100		
198	93.0	77.7	116.5
97	48.3	38.2	57.2
132	28.2	21.4	32.2





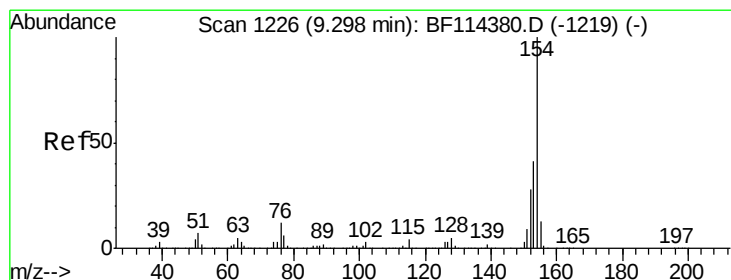
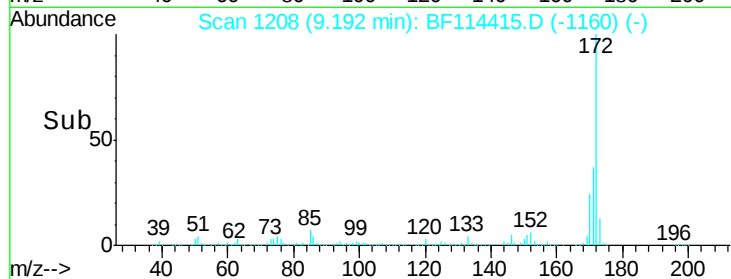
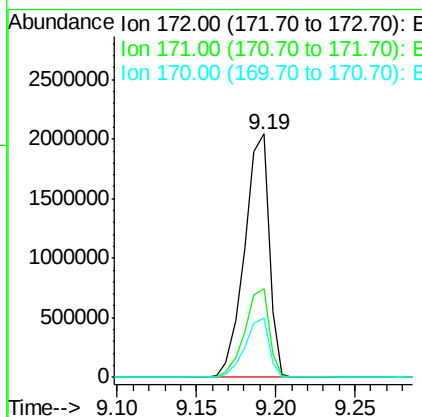
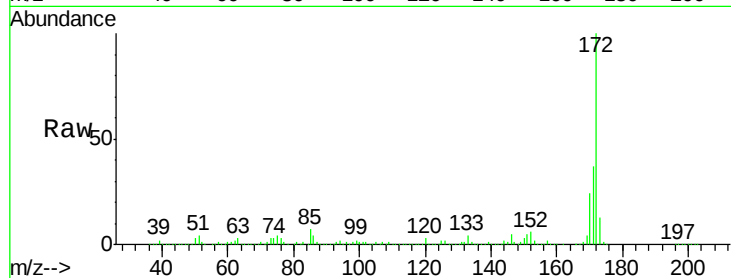
#45
 2-Fluorobiphenyl
 Concen: 87.703 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.5	20.5	30.7

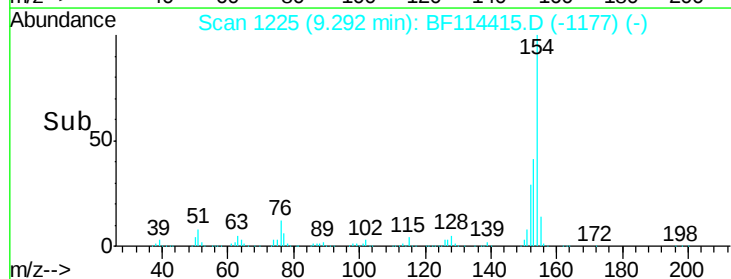
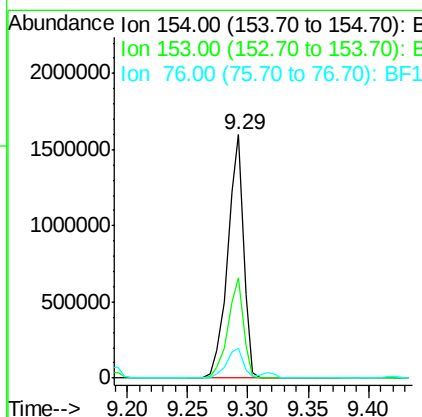
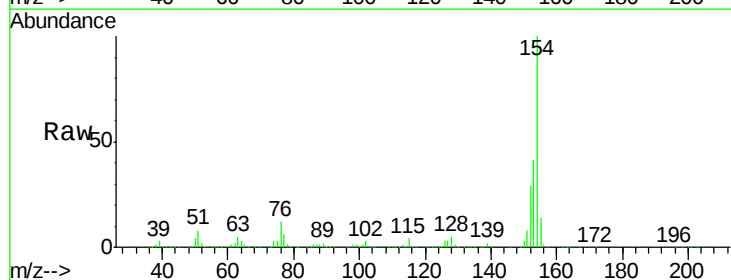
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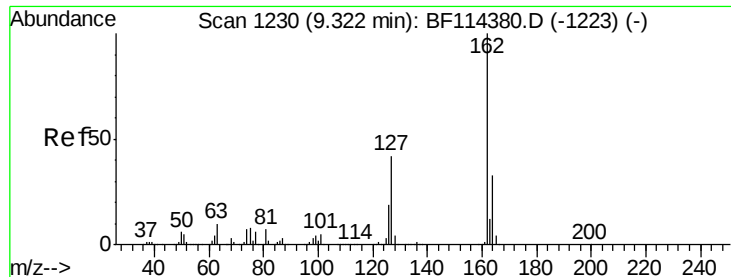
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#46
 1,1'-Biphenyl
 Concen: 47.523 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	12.5	0.0	32.8





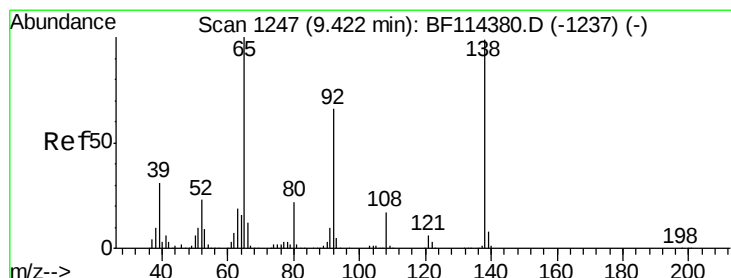
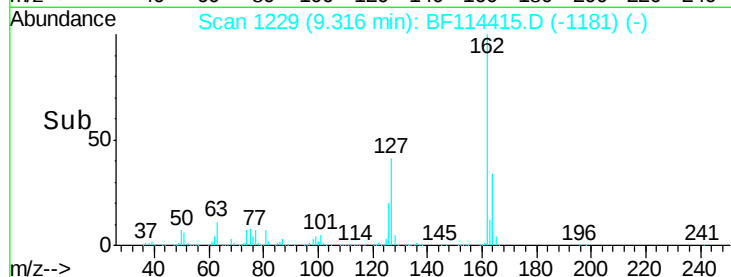
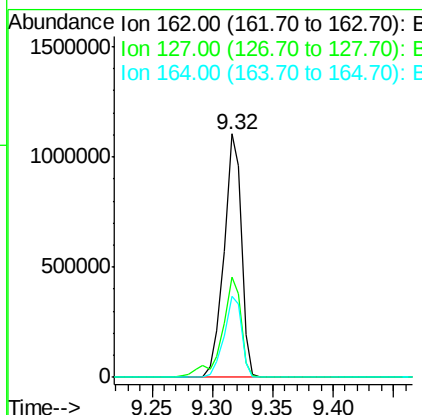
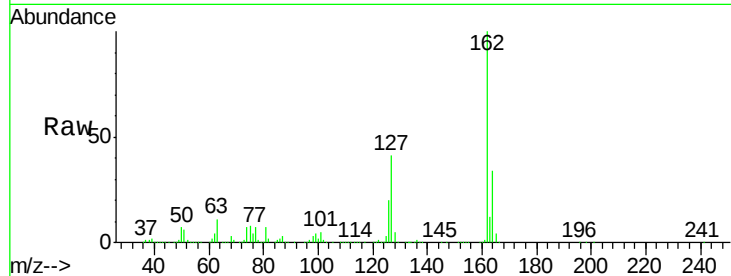
#47
 2-Chloronaphthalene
 Concen: 44.693 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.5	26.7	40.1

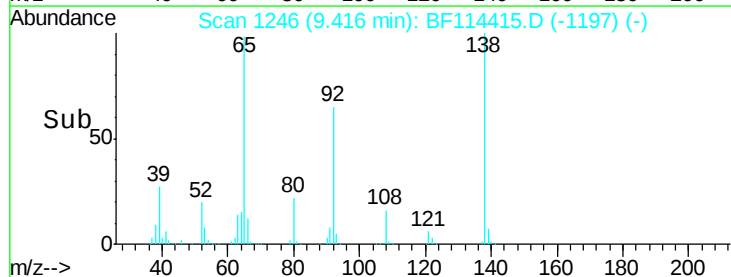
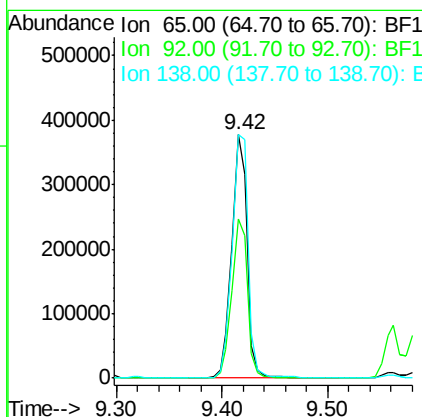
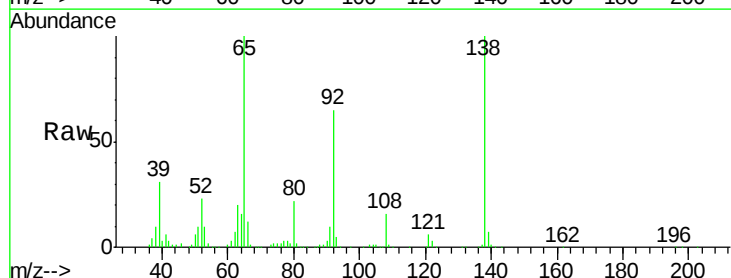
Manual Integrations
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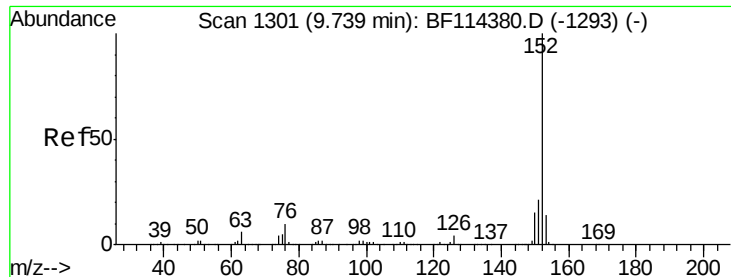
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#48
 2-Nitroaniline
 Concen: 43.010 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.9	80.9
138	100.1	81.4	122.0





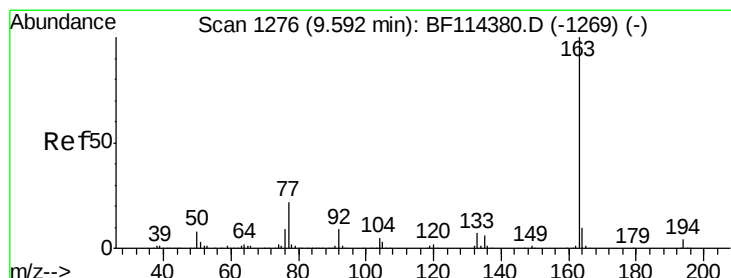
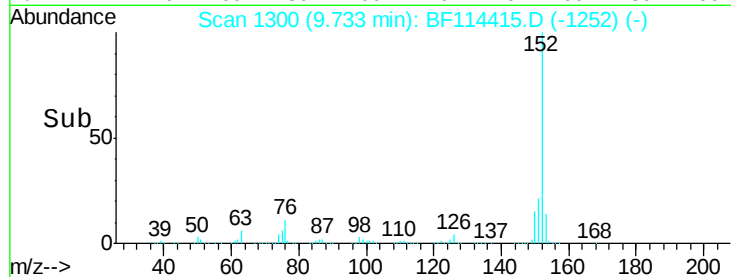
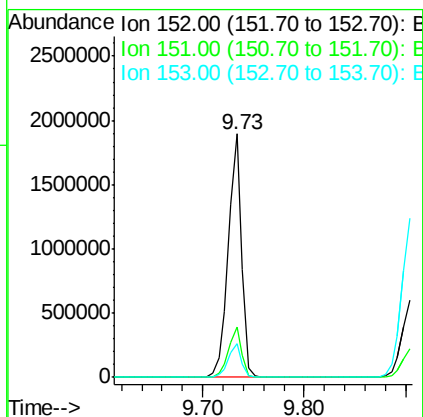
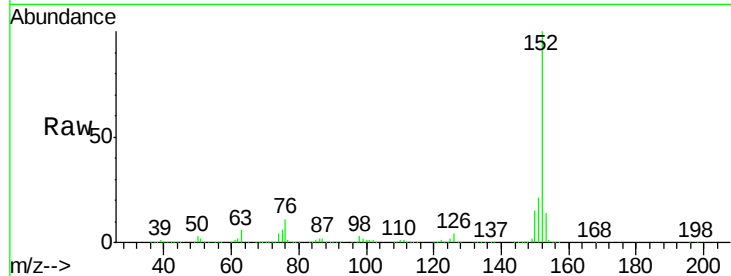
#49
Acenaphthylene
Concen: 45.935 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion:152 Resp: 1721353
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.8 11.4 17.2

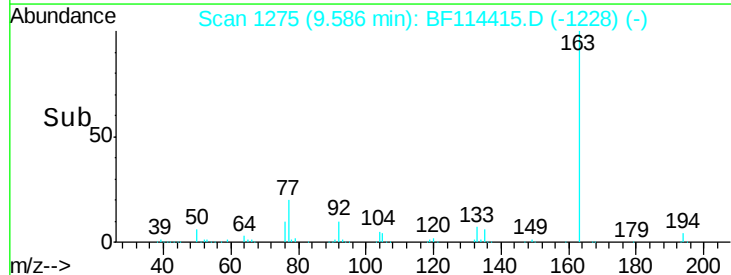
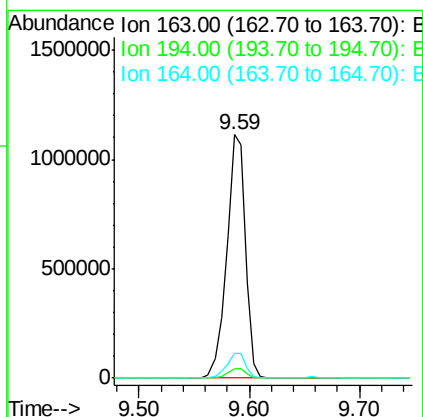
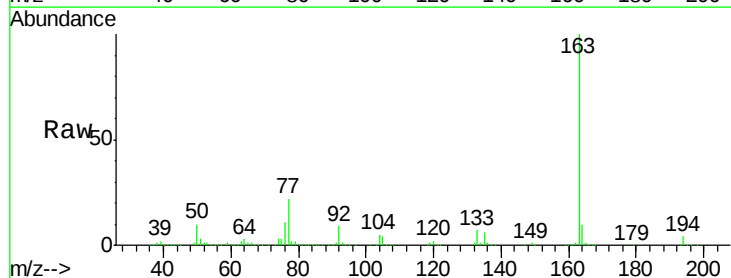
Manual Integrations
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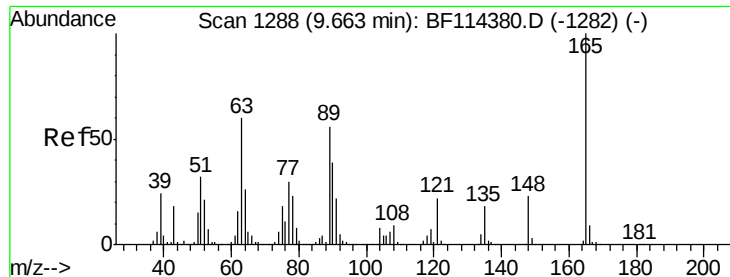
Sohil
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#50
Dimethylphthalate
Concen: 47.427 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:163 Resp: 1319379
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.862 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

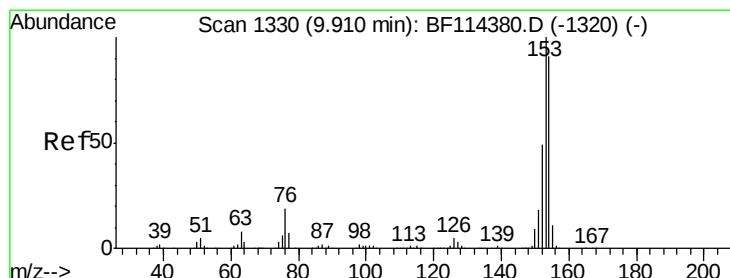
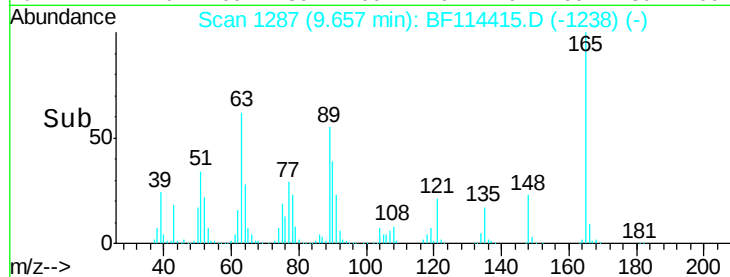
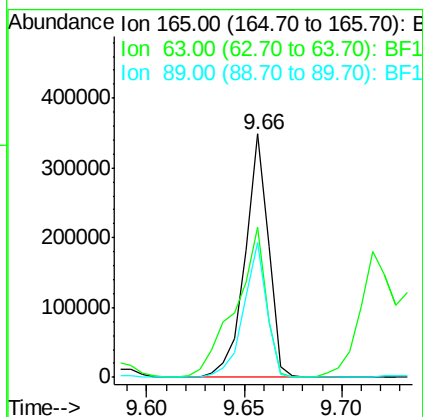
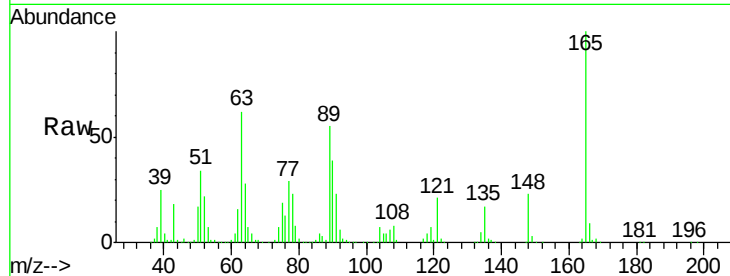
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	165	Resp:	289153
Ion Ratio	Lower	Upper	
165	100		
63	61.9	50.2	75.4
89	55.4	46.6	69.8

Manual Integrations
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#52

Acenaphthene

Concen: 44.435 ng

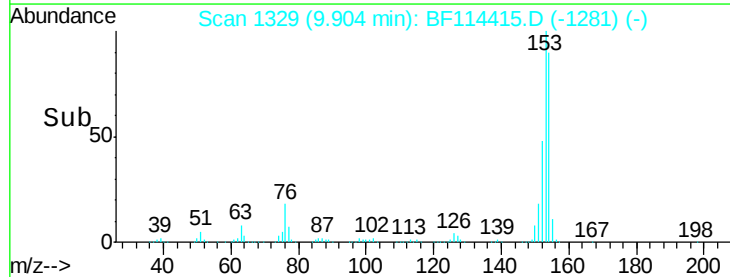
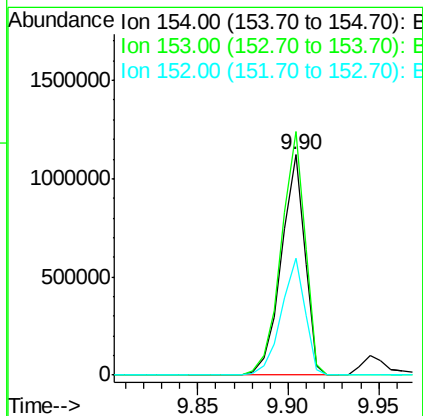
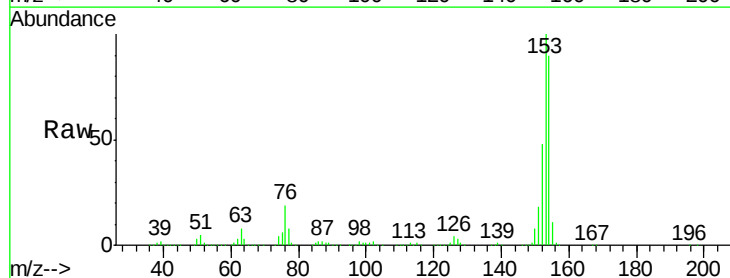
RT: 9.90 min Scan# 1329

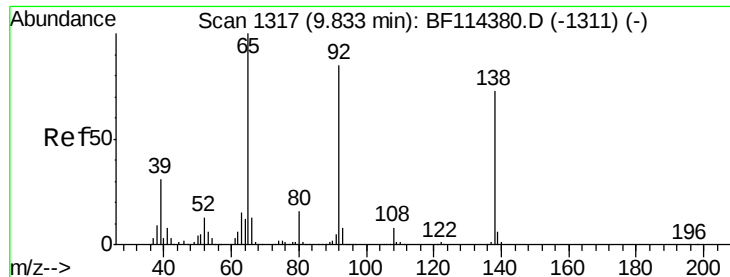
Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	154	Resp:	1021814
Ion Ratio	Lower	Upper	
154	100		
153	110.6	90.5	135.7
152	53.3	43.4	65.2





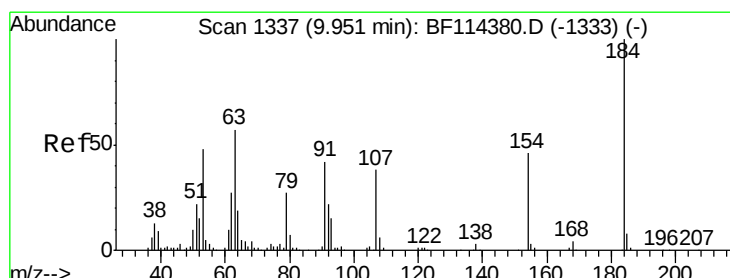
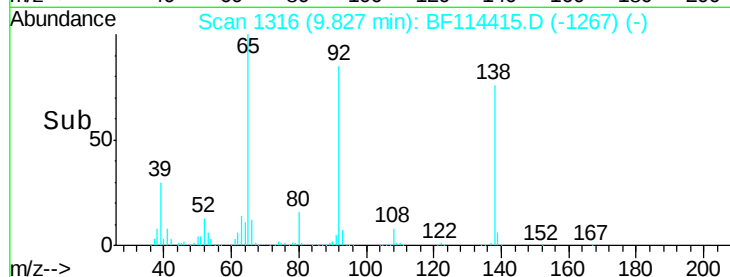
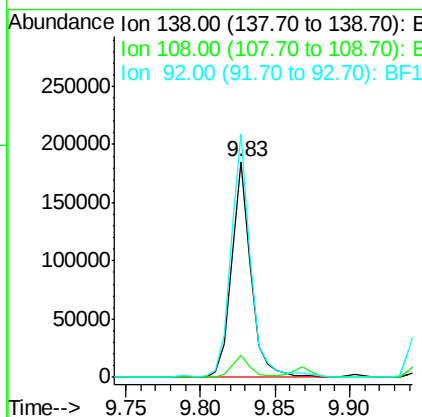
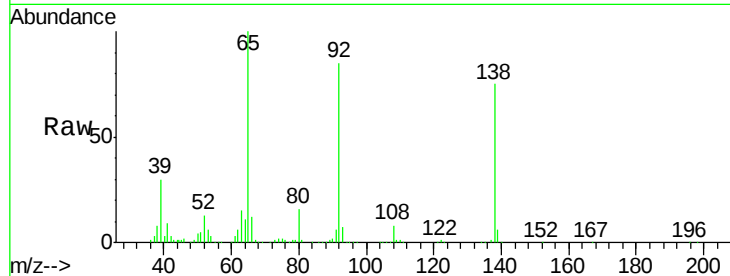
#53
3-Nitroaniline
Concen: 22.268 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	170560		
108	10.1	7.8	11.6	
92	112.9	91.2	136.8	

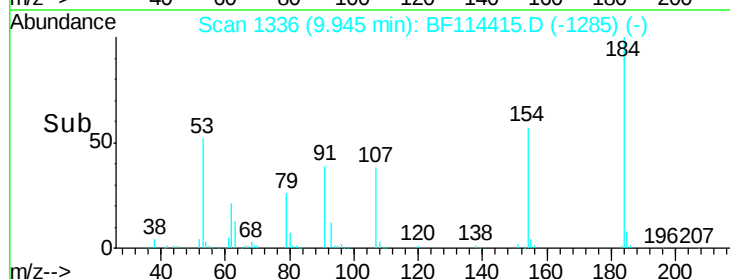
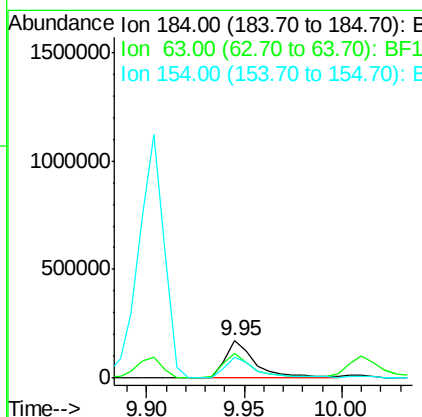
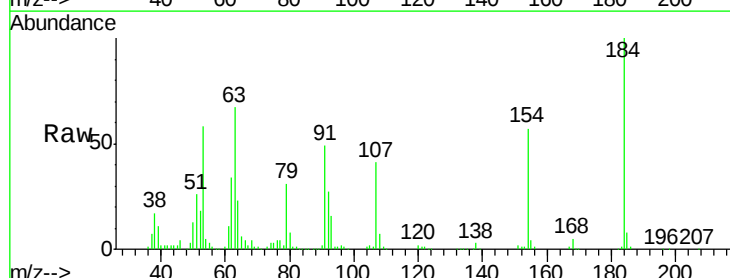
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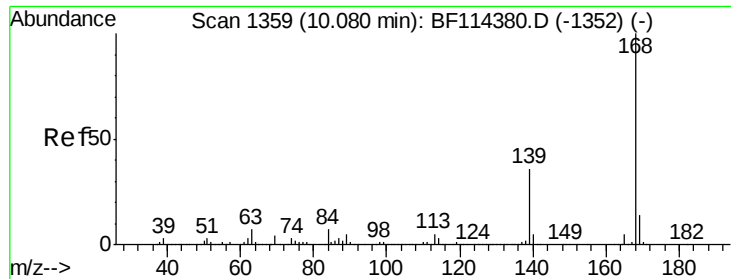
Sohil
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#54
2,4-Dinitrophenol
Concen: 61.907 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	186907		
63	66.9	55.6	83.4	
154	57.4	46.0	69.0	





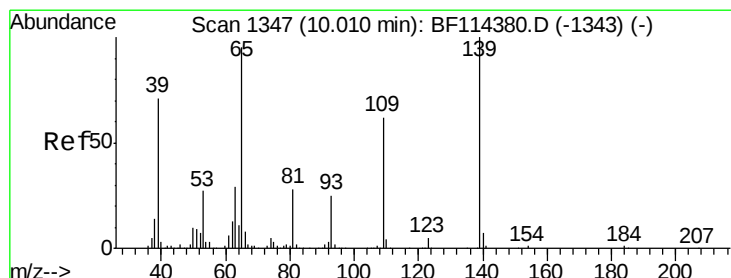
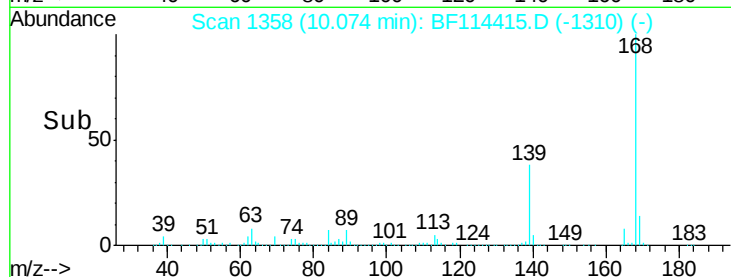
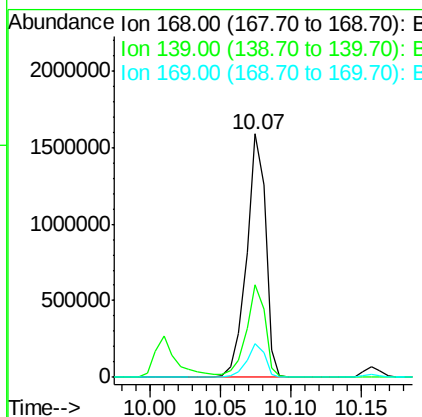
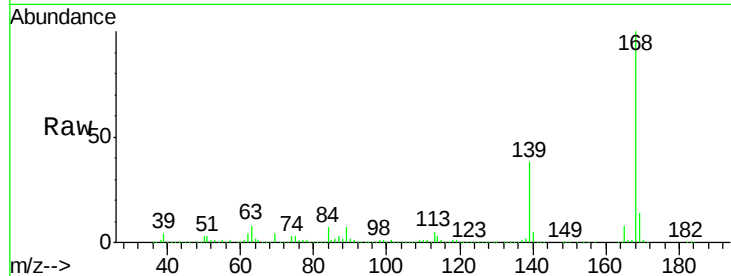
#55
Dibenzenofuran
Concen: 44.152 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion:168 Resp: 1488775
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7
169 13.7 11.4 17.0

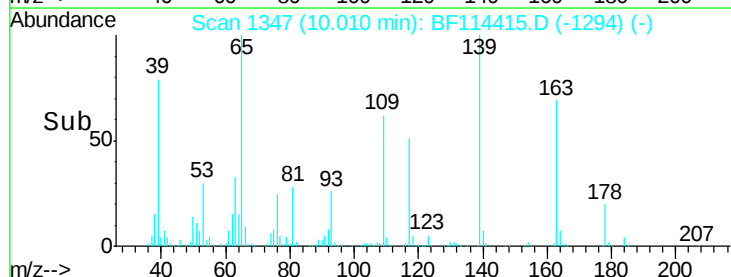
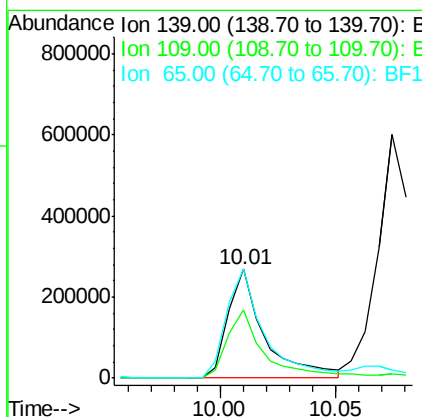
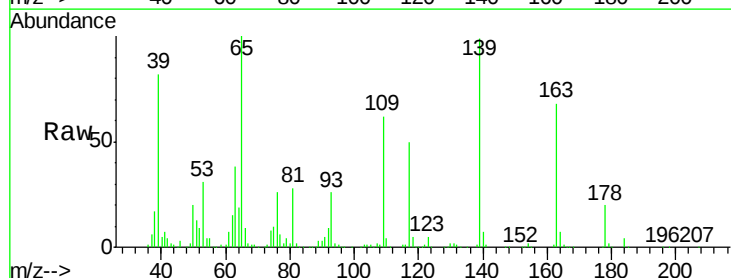
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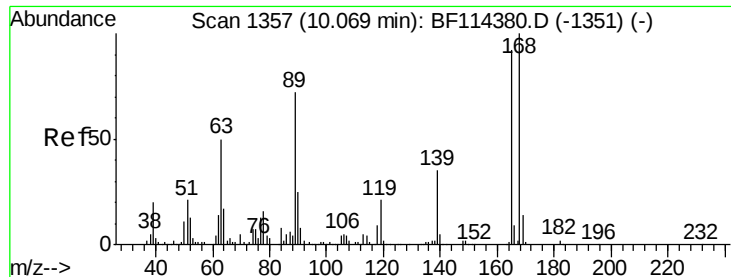
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#56
4-Nitrophenol
Concen: 54.544 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:139 Resp: 295451
Ion Ratio Lower Upper
139 100
109 62.8 43.9 83.9
65 100.7 85.7 125.7





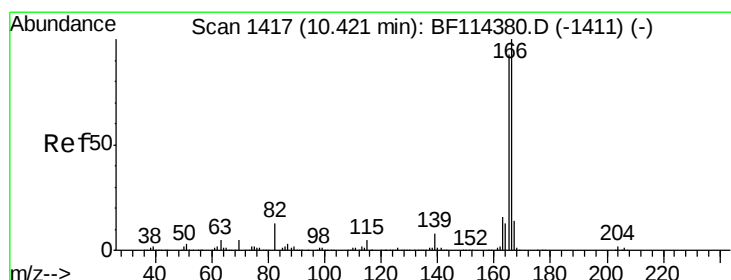
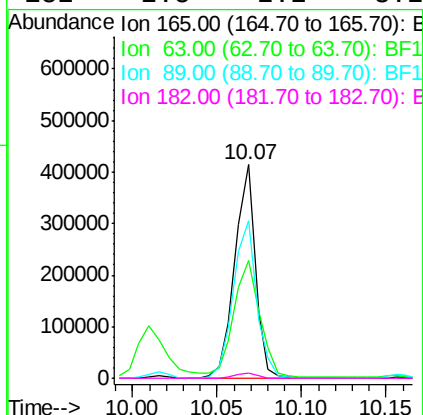
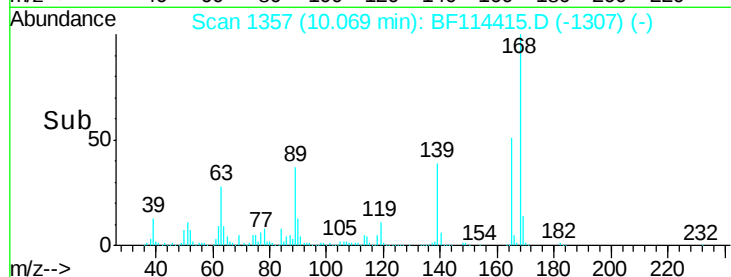
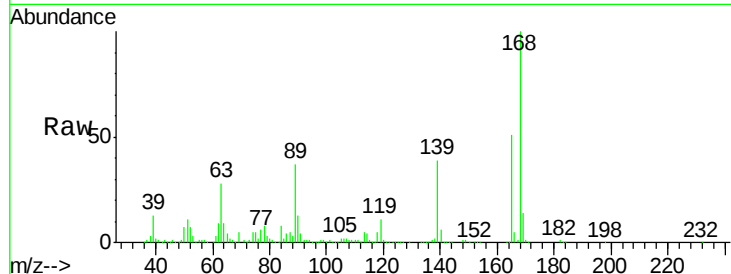
#57
2,4-Dinitrotoluene
Concen: 42.084 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	352450		
63	55.3	35.5	53.3#	
89	73.6	55.2	82.8	
182	2.5	2.2	3.2	

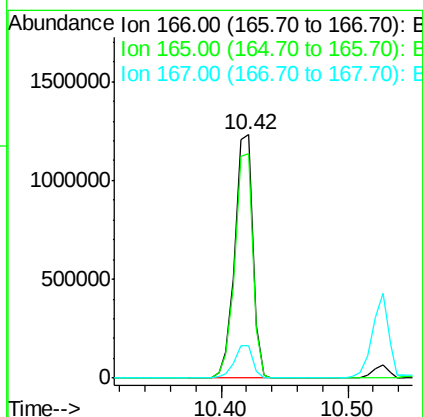
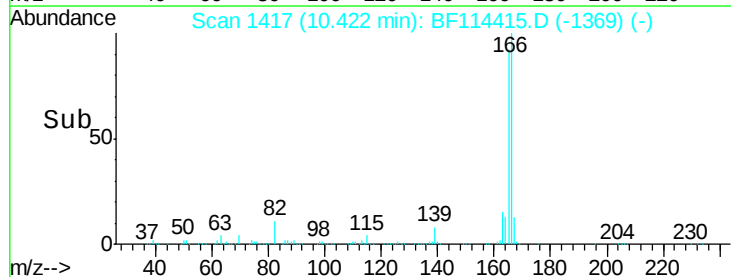
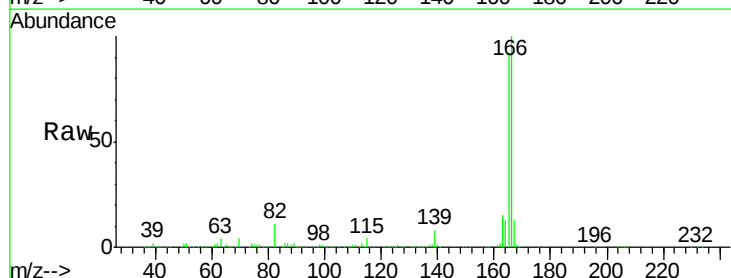
Manual Integrations
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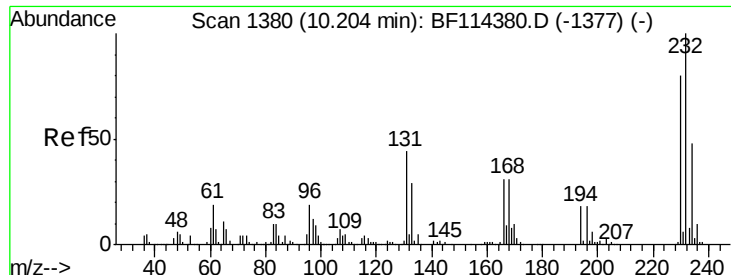
Sohil
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#58
Fluorene
Concen: 46.013 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1198437		
165	91.9	76.1	114.1	
167	13.1	11.1	16.7	





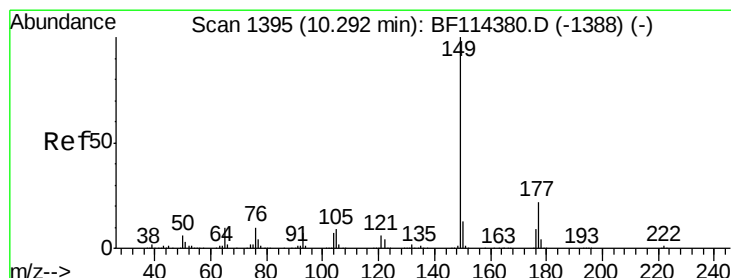
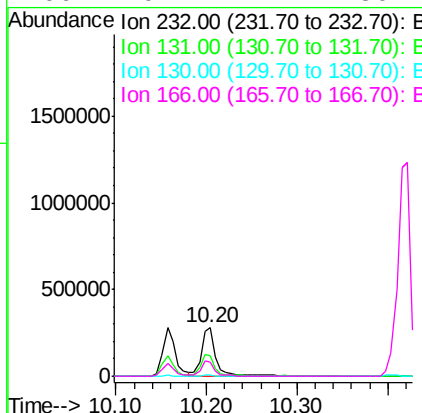
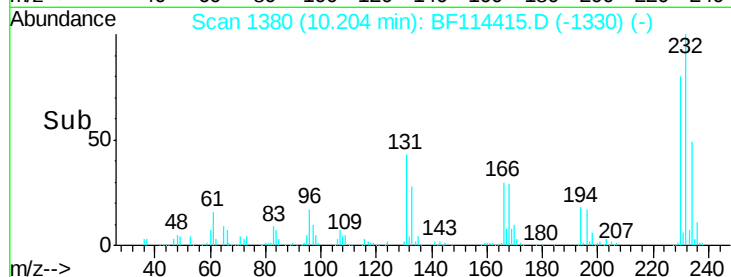
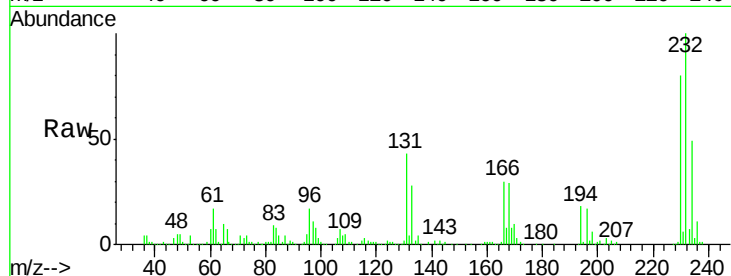
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.135 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion:	232	Resp:	308370
Ion Ratio	Lower	Upper	
232	100		
131	43.2	35.6	53.4
130	2.2	1.6	2.4
166	29.4	24.1	36.1

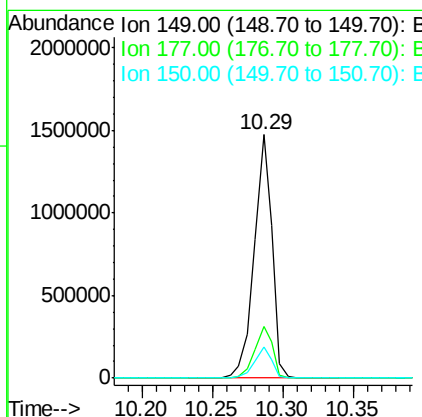
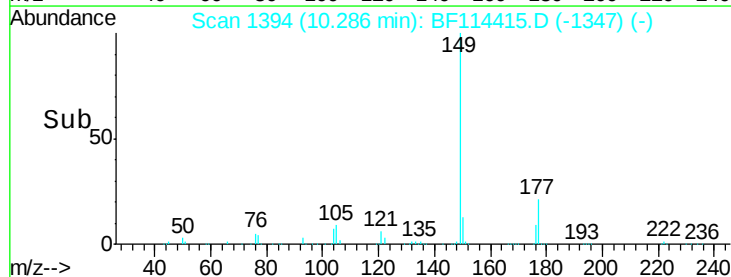
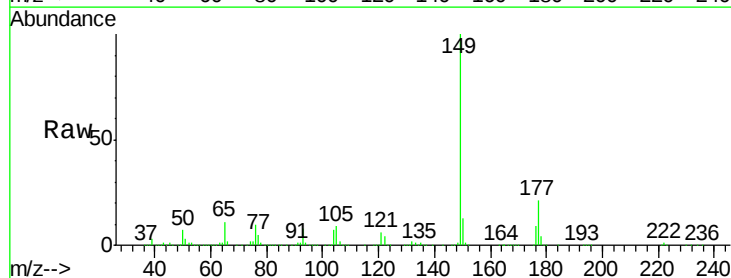
Manual Integrations
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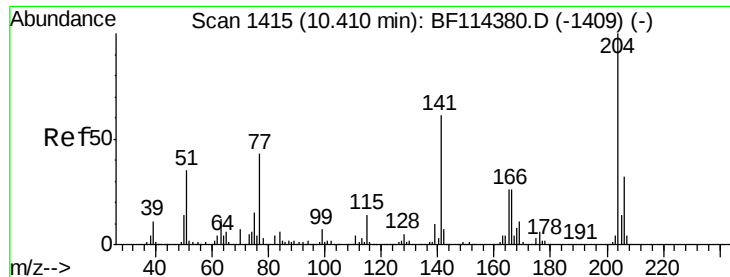
Sohil
 5/21/2019 7:17:18 PM



#60
 Diethylphthalate
 Concen: 46.140 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion:	149	Resp:	1304194
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.8	26.6
150	12.9	10.2	15.2





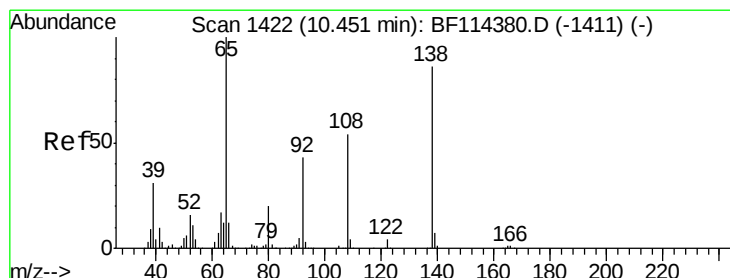
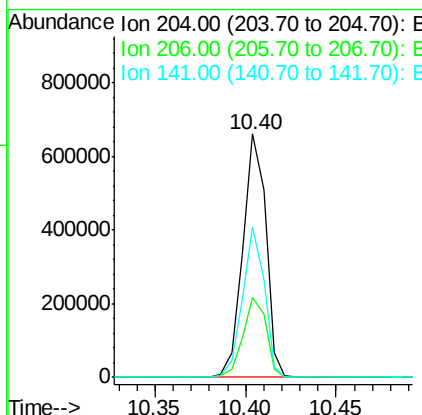
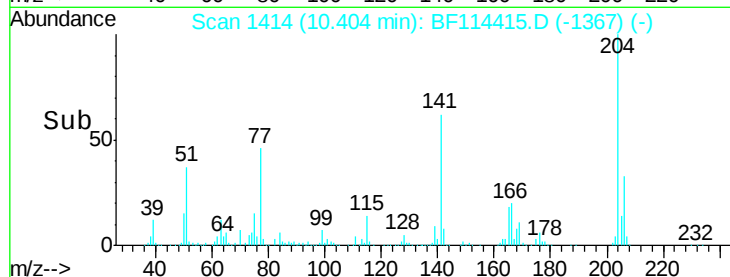
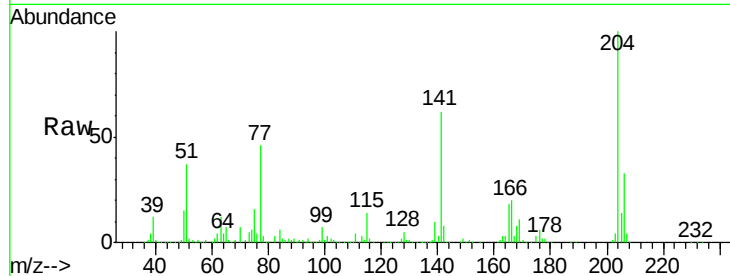
#61
 4-Chlorophenyl-phenylether
 Concen: 45.552 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	61.9	46.4	69.6

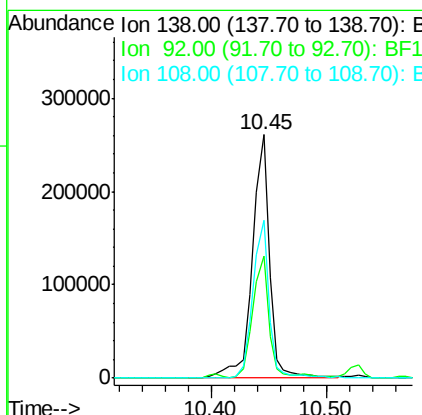
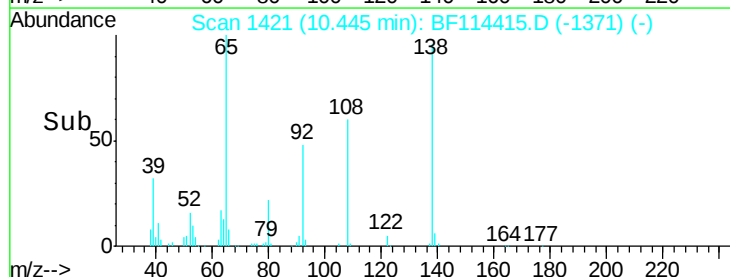
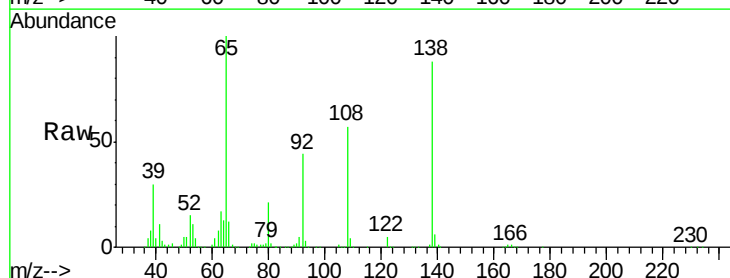
Manual Integrations
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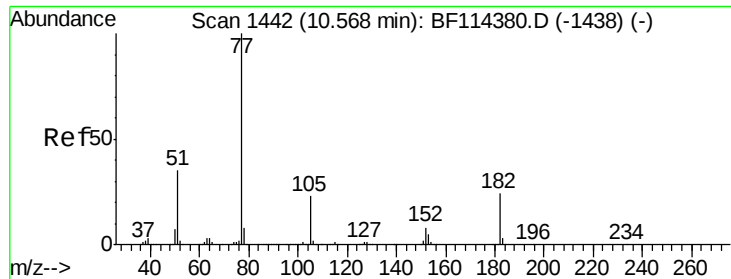
Sohil
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#62
 4-Nitroaniline
 Concen: 33.765 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	33.0	73.0
108	65.1	44.9	84.9





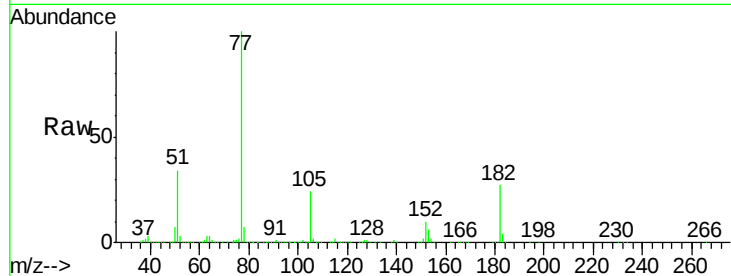
#63
Azobenzene
Concen: 44.957 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

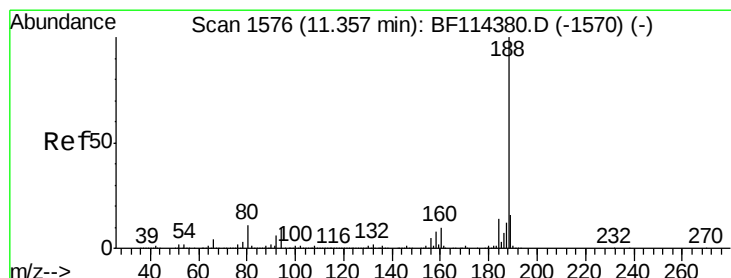
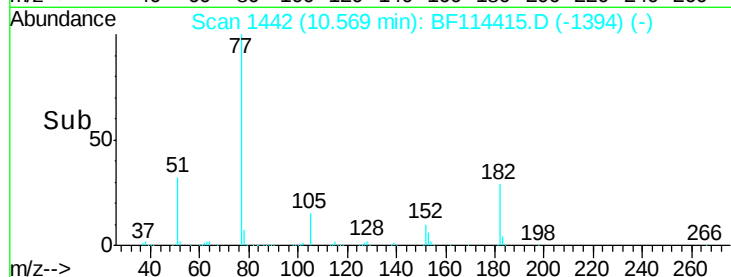
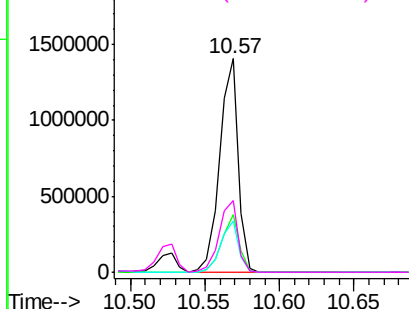
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	4.7	44.7	
105	23.8	2.9	42.9	
51	33.8	14.6	54.6	

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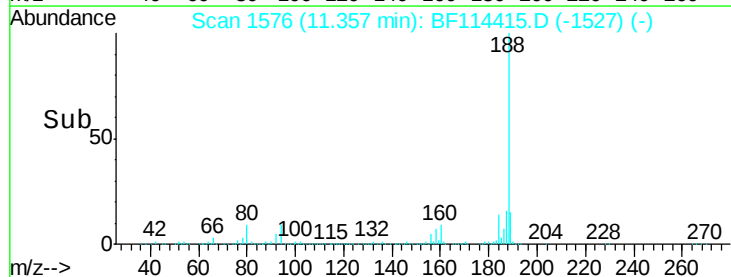
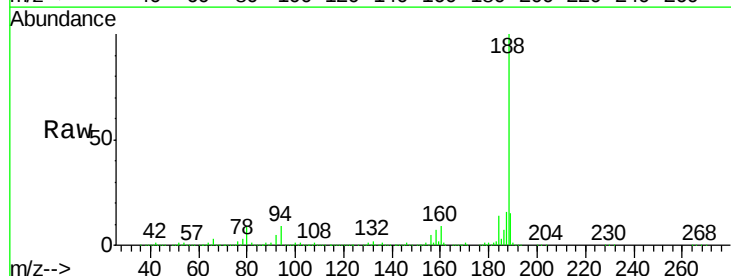
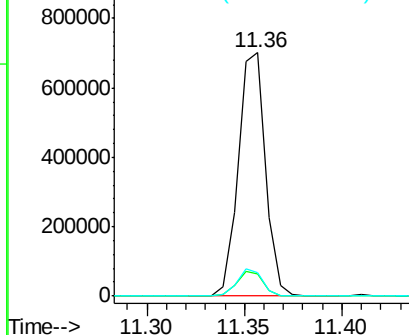
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

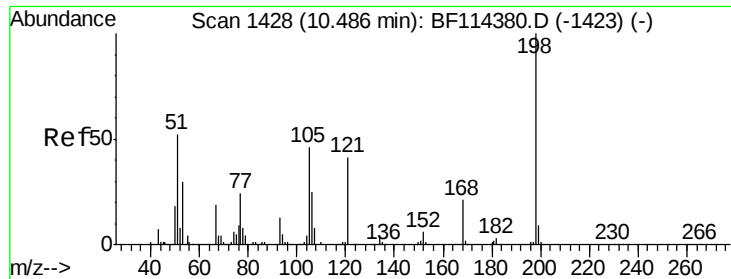


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	8.4	12.6	
80	9.4	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





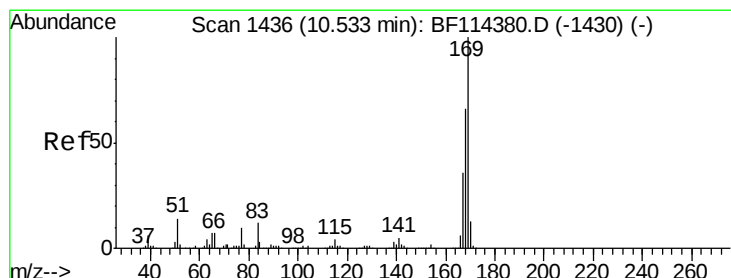
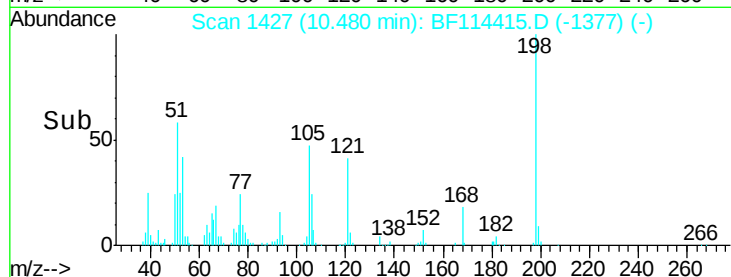
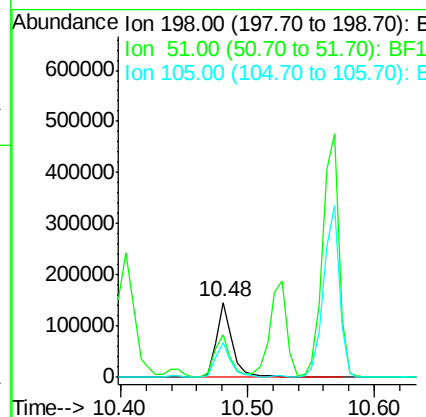
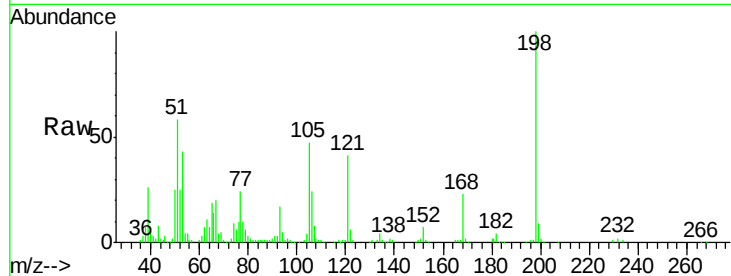
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.695 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	132249		
51	57.7	28.0	68.0	
105	46.8	21.1	61.1	

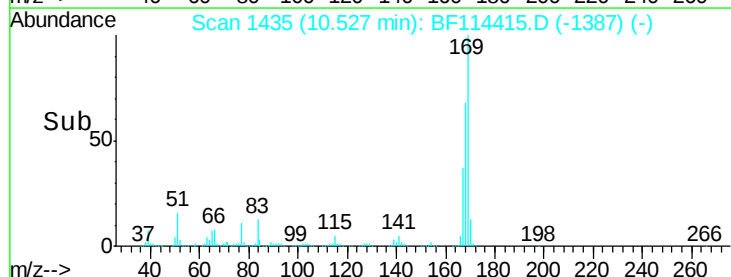
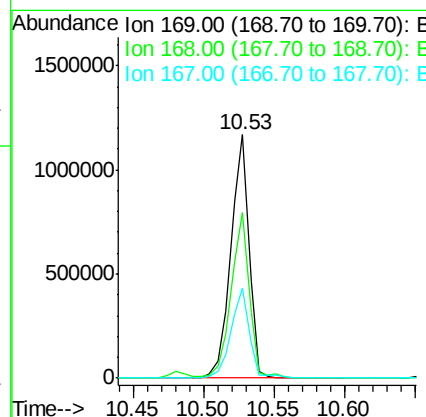
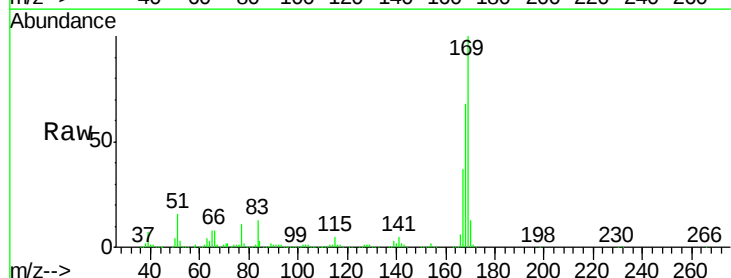
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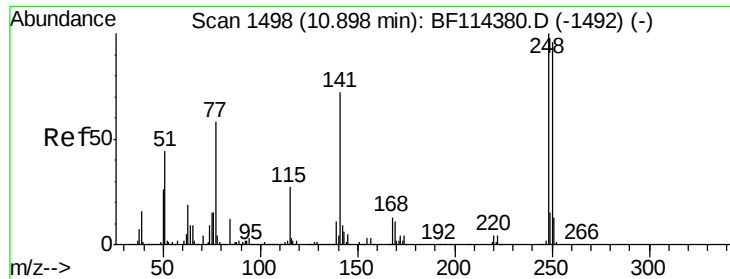
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 50.801 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1042760		
168	68.1	54.2	81.2	
167	36.9	29.8	44.8	





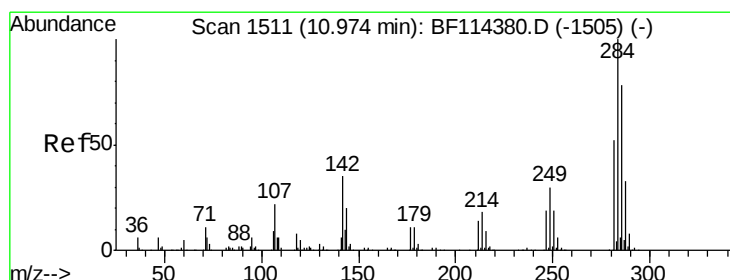
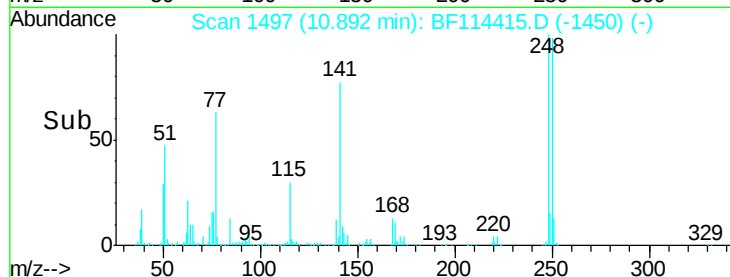
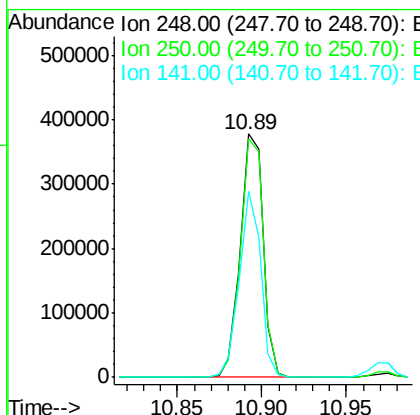
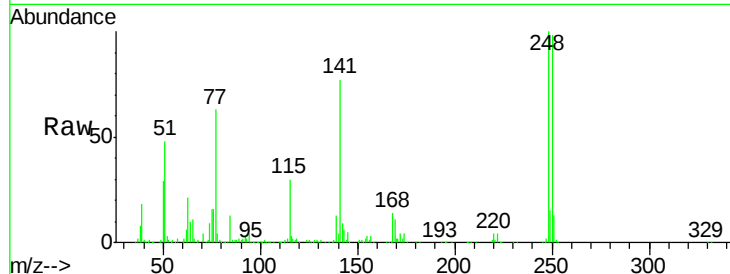
#67
 4-Bromophenyl-phenylether
 Concen: 48.138 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	358457		
250	97.8	77.4	116.2	
141	76.5	55.6	83.4	

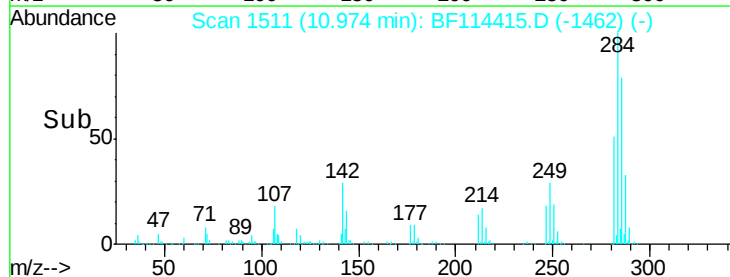
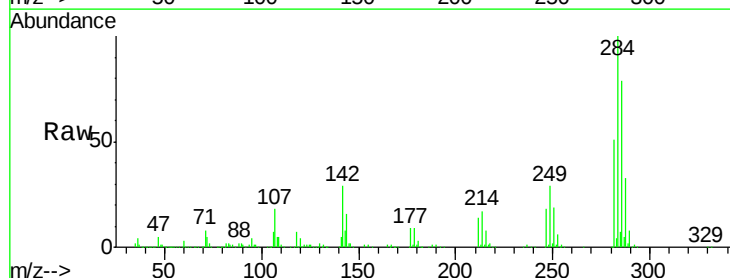
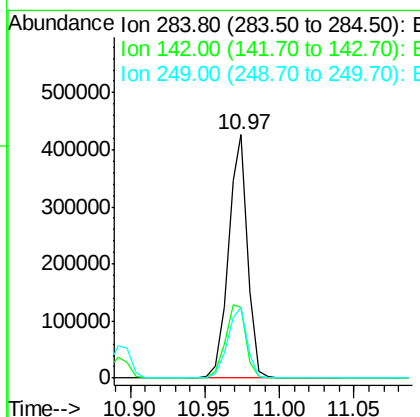
Manual Integrations
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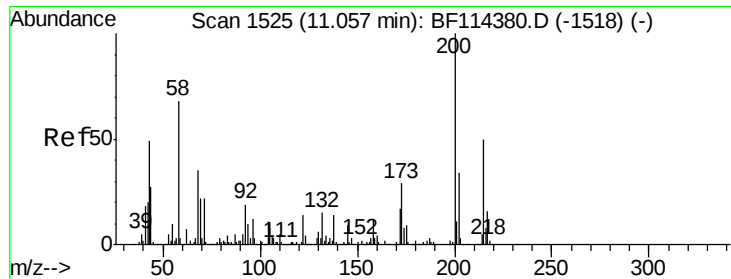
Sohil
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#68
 Hexachlorobenzene
 Concen: 46.667 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	384437		
142	29.3	28.4	42.6	
249	29.3	25.2	37.8	





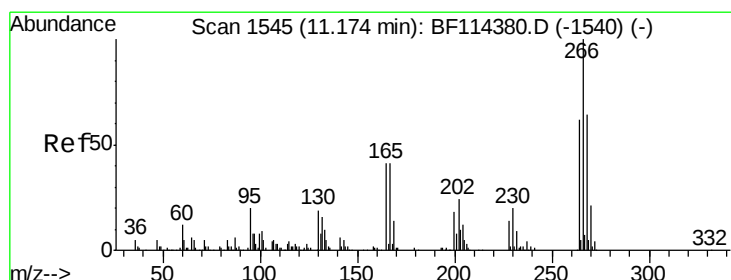
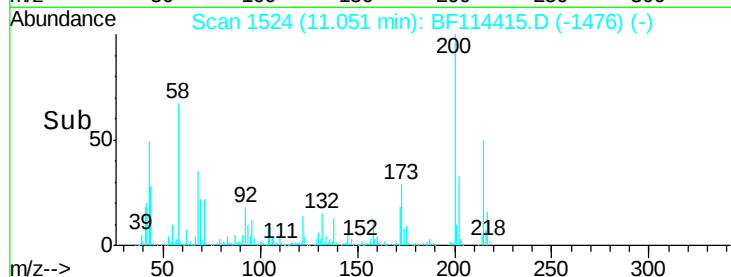
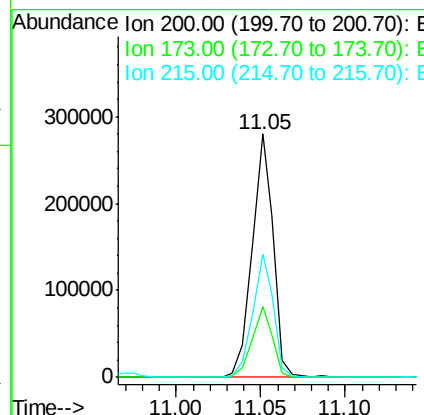
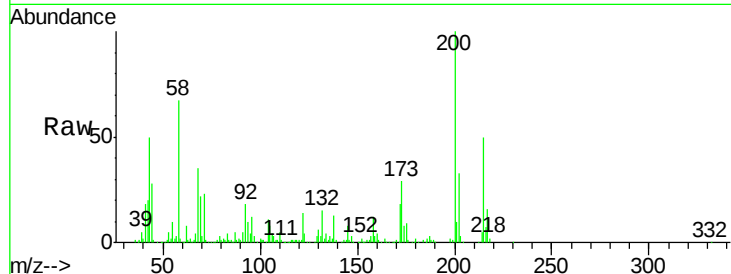
#69
Atrazine
Concen: 38.166 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243793		
173	29.1	8.9	48.9	
215	50.5	30.7	70.7	

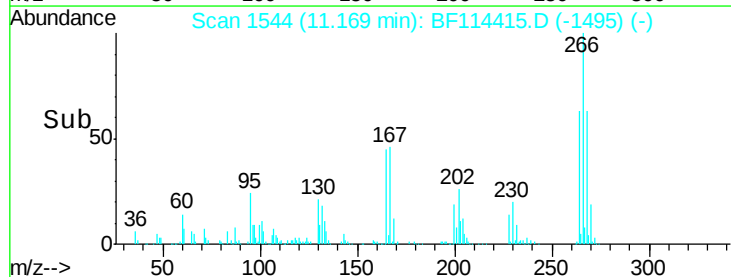
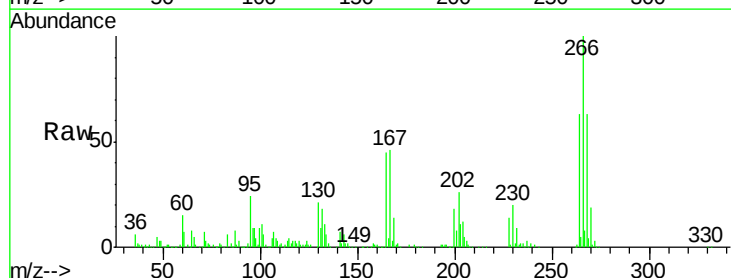
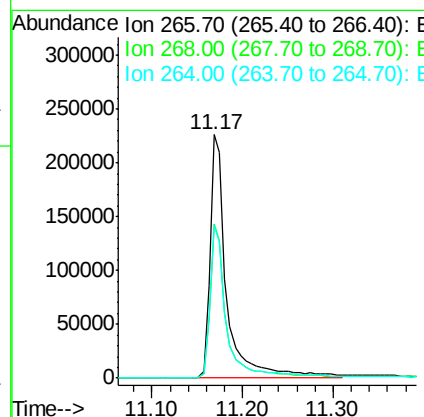
Manual Integrations
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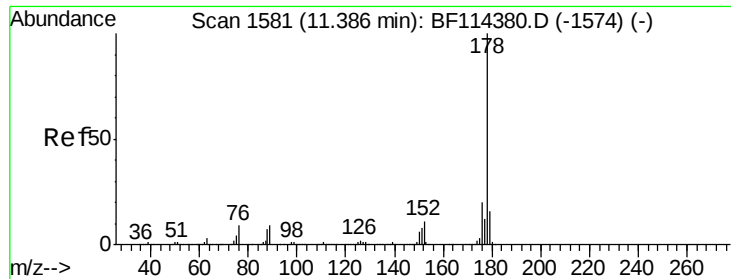
Sohil
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#70
Pentachlorophenol
Concen: 75.943 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	296560		
268	63.2	51.1	76.7	
264	62.7	51.1	76.7	





#71

Phenanthrene

Concen: 47.528 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:178 Resp: 1563826

Ion Ratio Lower Upper

178 100

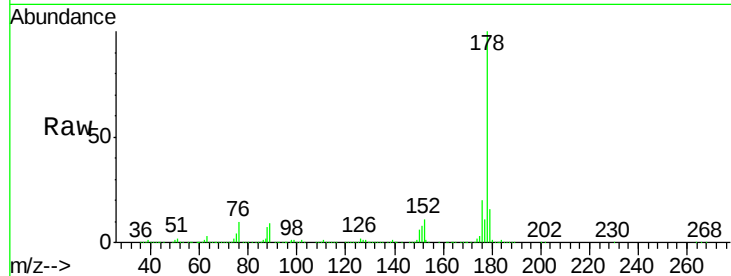
176 20.0 16.4 24.6

179 16.0 13.2 19.8

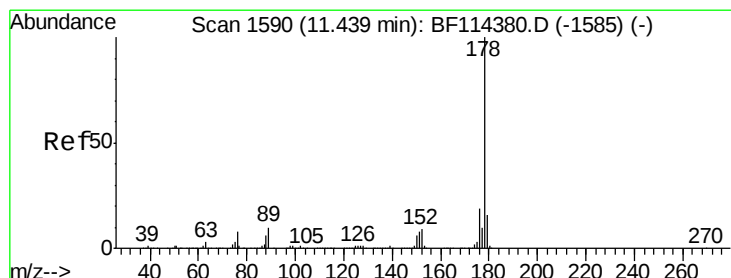
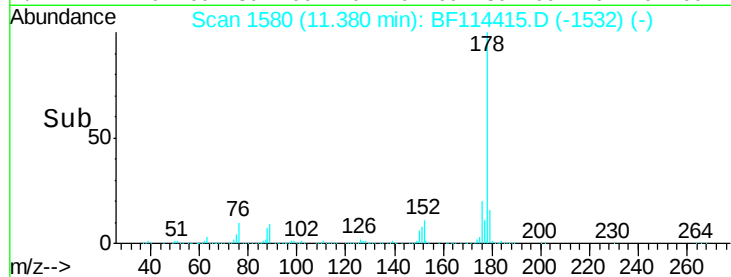
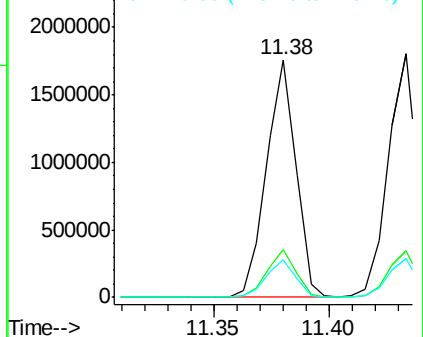
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.585 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

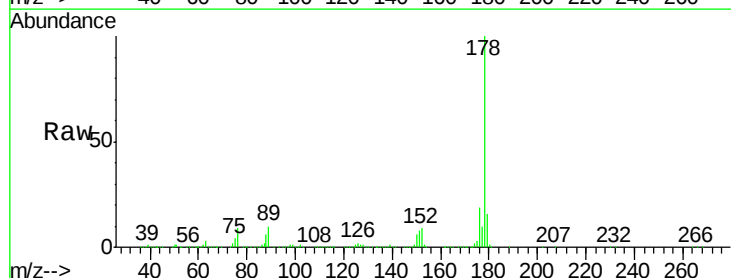
Tgt Ion:178 Resp: 1605669

Ion Ratio Lower Upper

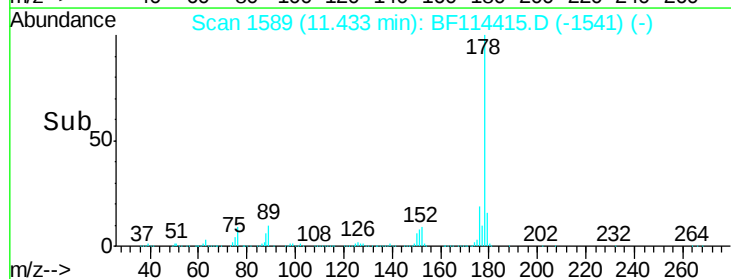
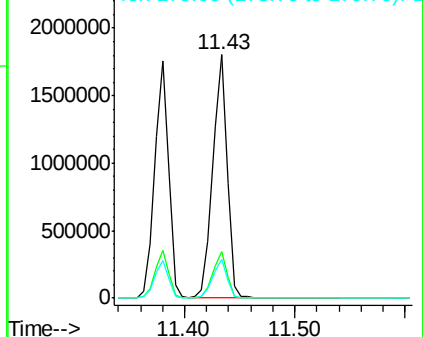
178 100

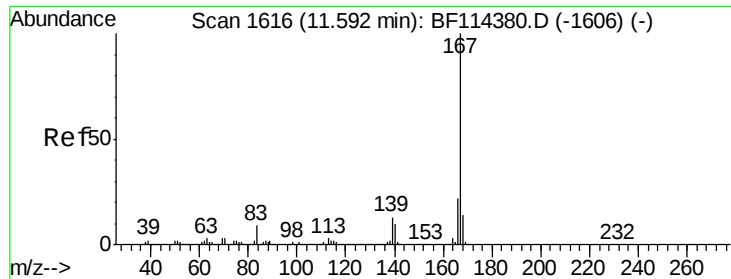
176 19.3 15.8 23.8

179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





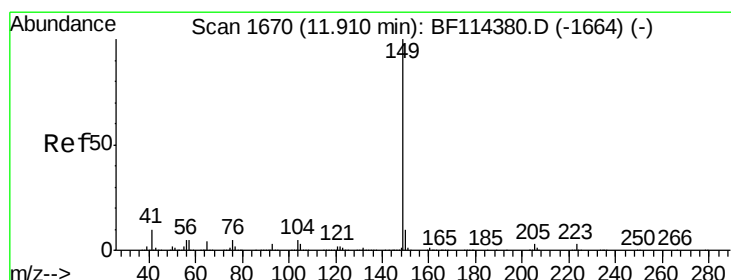
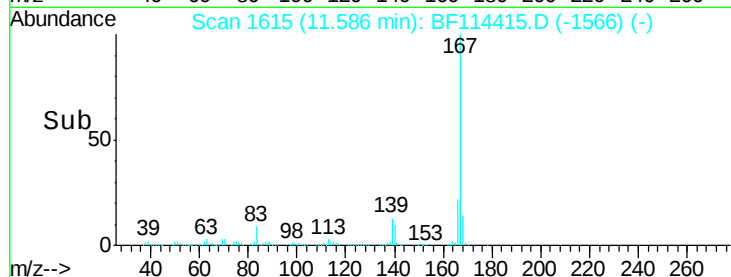
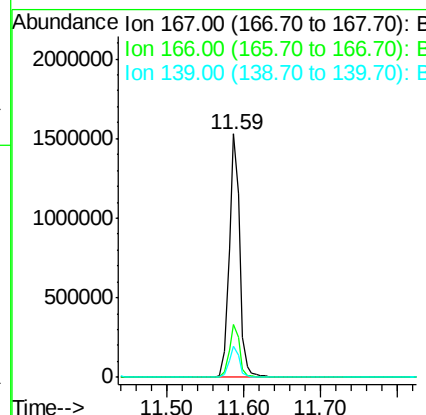
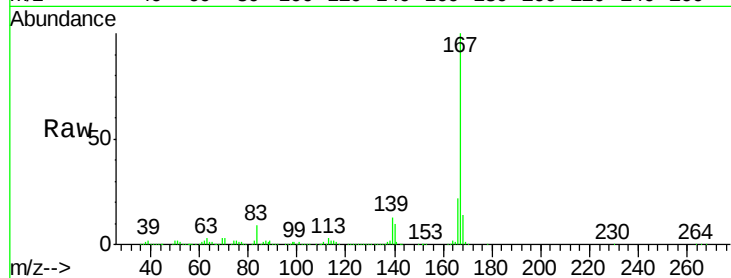
#73
 Carbazole
 Concen: 45.633 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	13.0	10.6	16.0

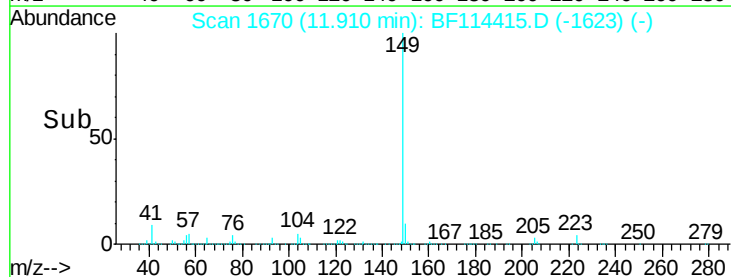
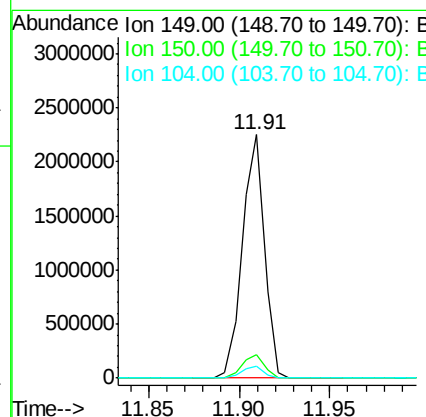
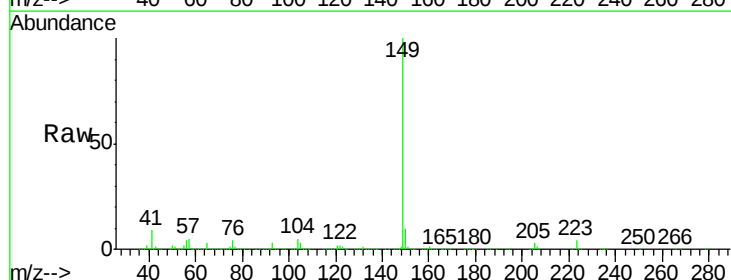
Manual Integrations
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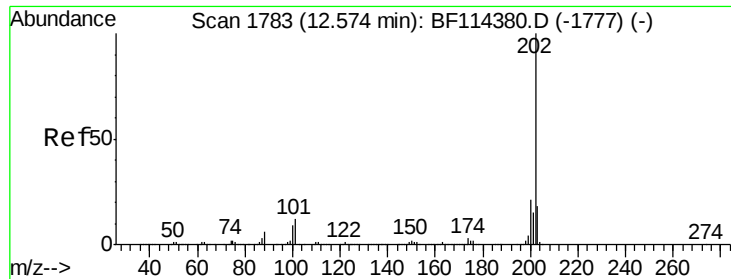
Sohil
 5/21/2019 7:17:18 PM



#74
 Di-n-butylphthalate
 Concen: 52.527 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 43.476 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

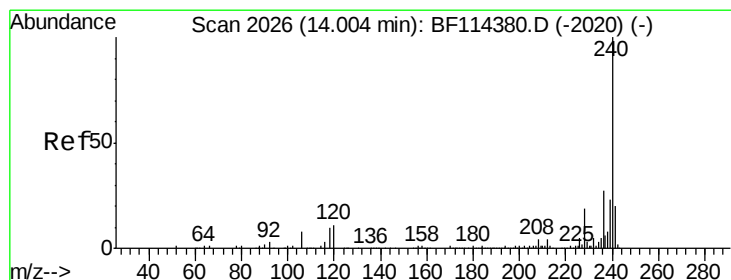
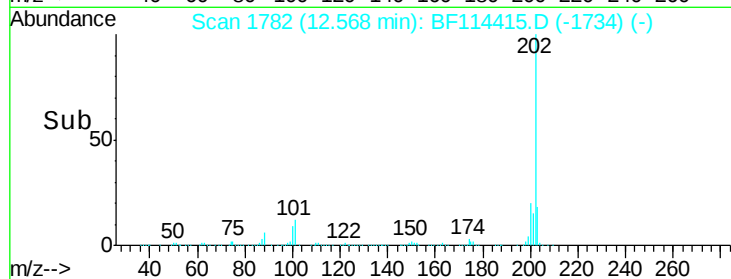
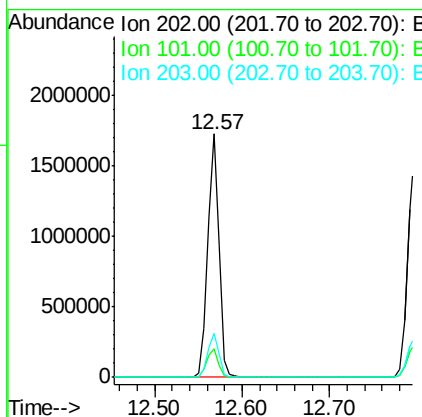
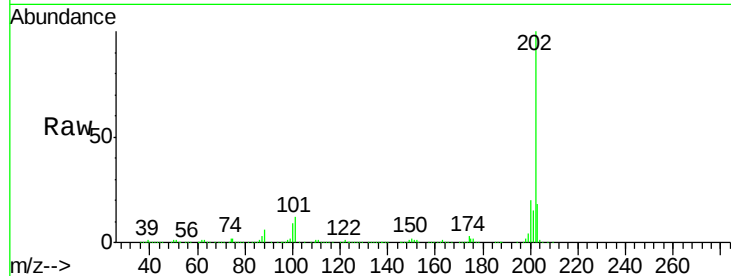
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	202	Resp:	1540459
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

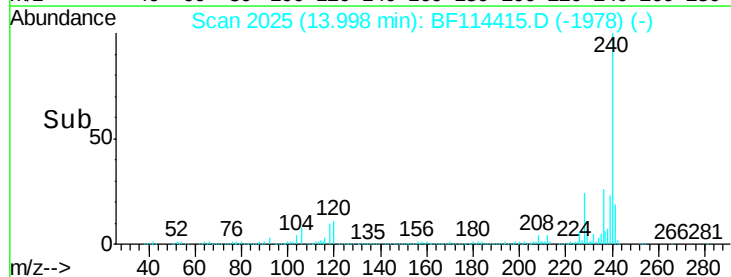
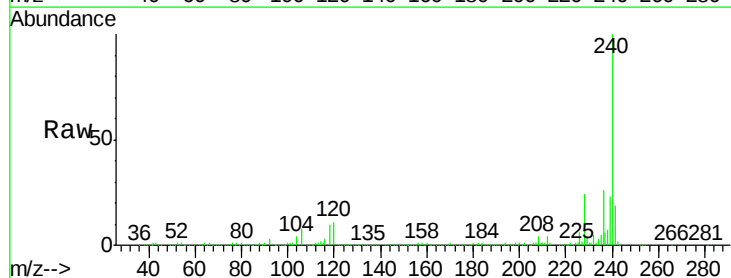
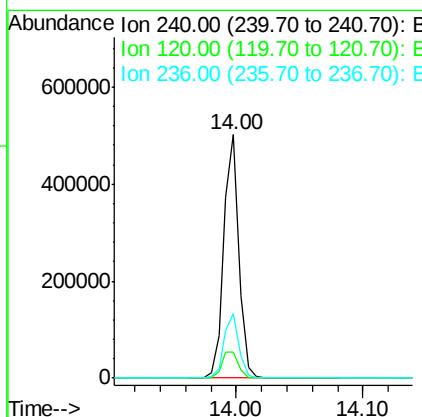
RT: 14.00 min Scan# 2025

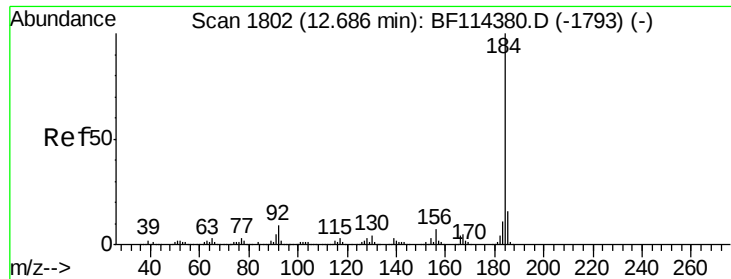
Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	240	Resp:	415439
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.4	20.8	31.2





#77

Benzidine

Concen: 2.266 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

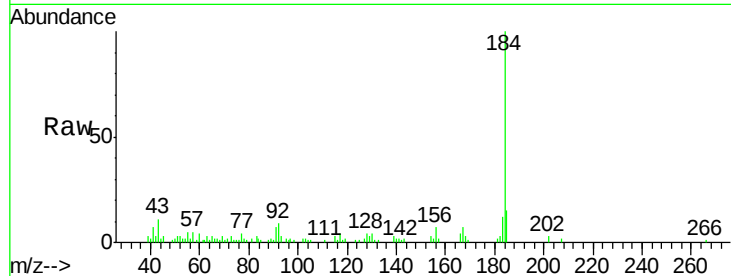
ClientSampleId :

OR-02-051619-AMSD

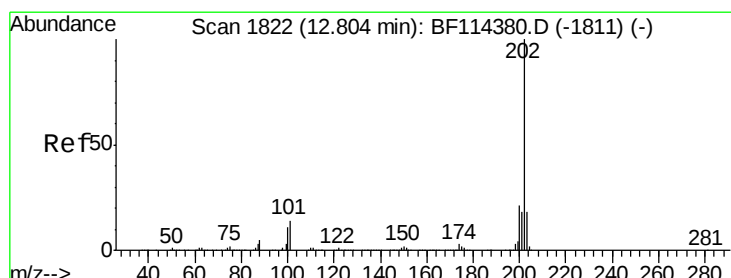
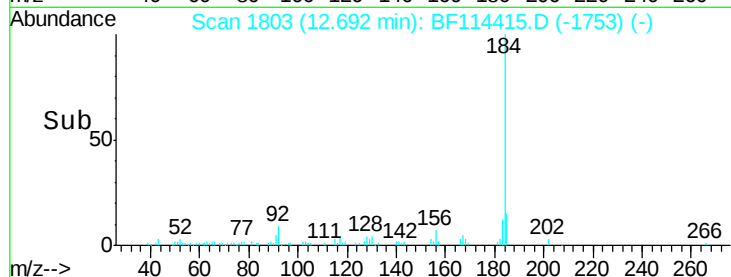
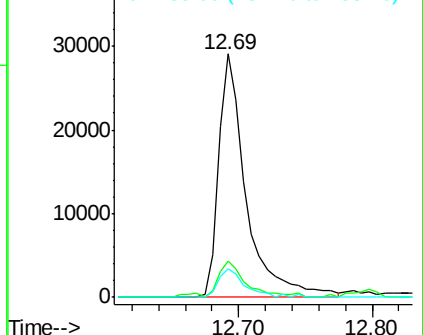
Tgt Ion:	184	Resp:	42264
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.8	9.2	13.8

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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: 45.624 ng

RT: 12.80 min Scan# 1821

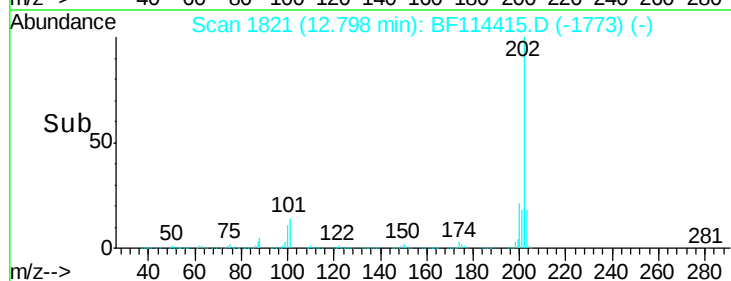
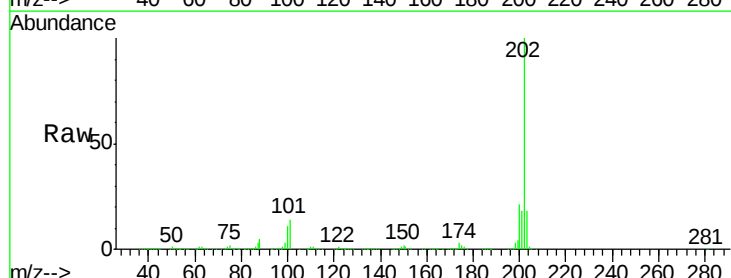
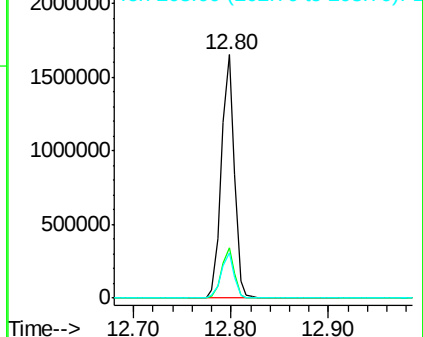
Delta R.T. -0.02 min

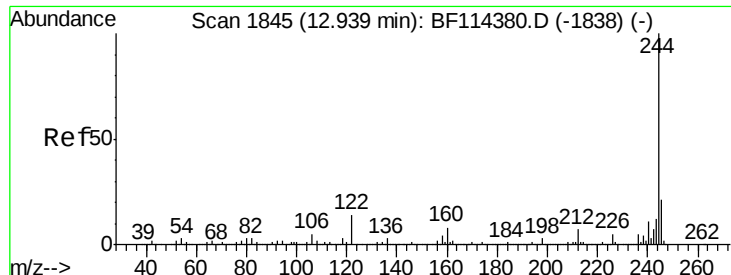
Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	202	Resp:	1524772
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	18.4	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





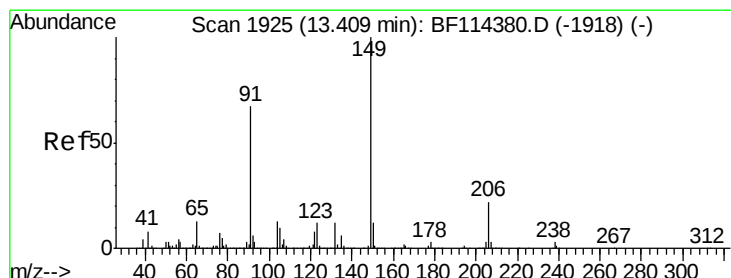
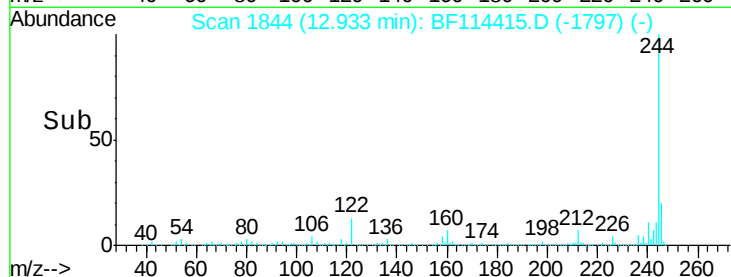
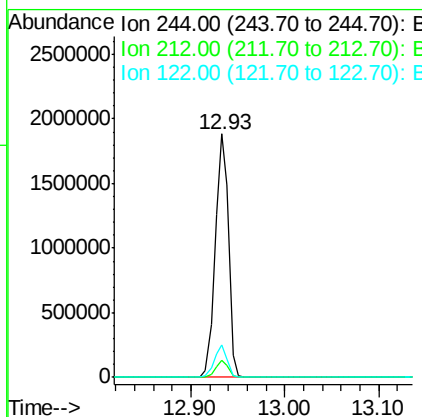
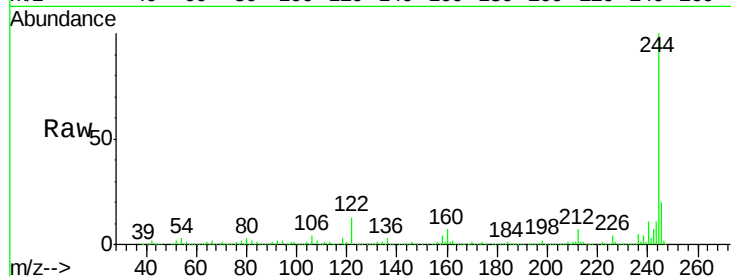
#79
 Terphenyl-d14
 Concen: 93.247 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMSD

Tgt Ion: 244 Resp: 1879208
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.2 9.4 14.2

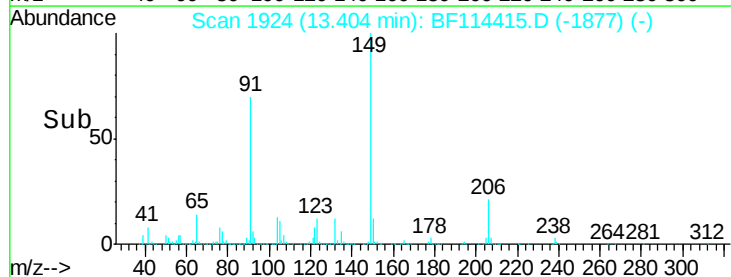
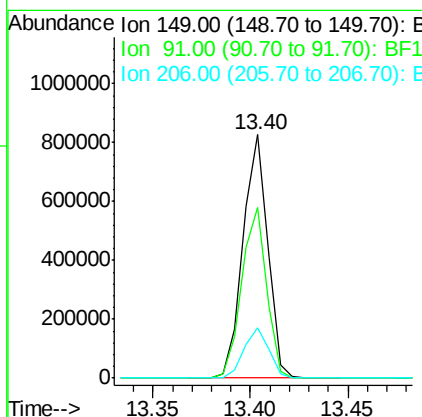
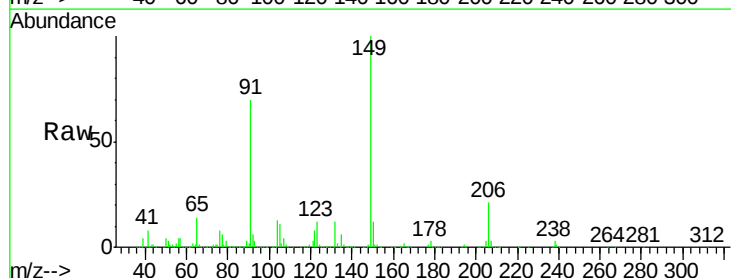
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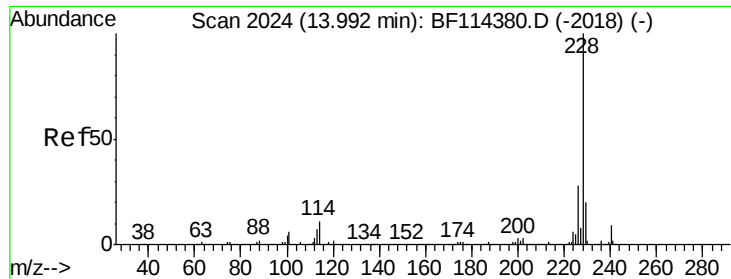
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#80
 Butylbenzylphthalate
 Concen: 51.684 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF114415.D
 Acq: 19 May 2019 3:12

Tgt Ion: 149 Resp: 727026
 Ion Ratio Lower Upper
 149 100
 91 70.3 55.0 82.4
 206 20.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 47.388 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

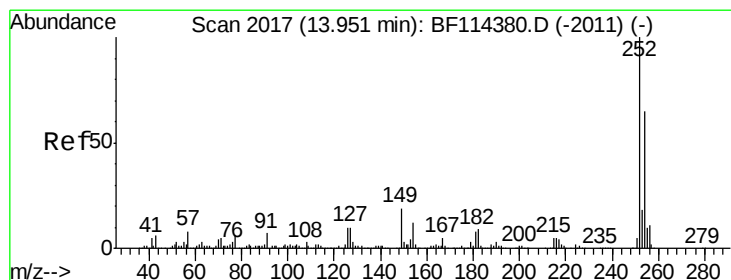
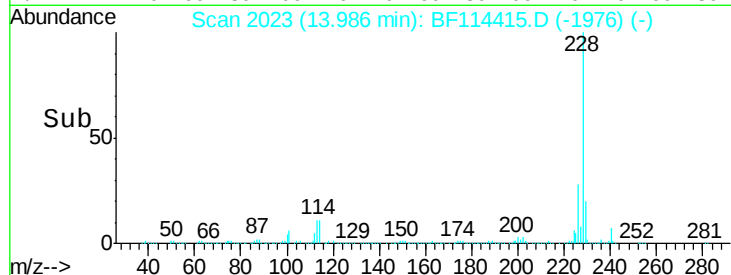
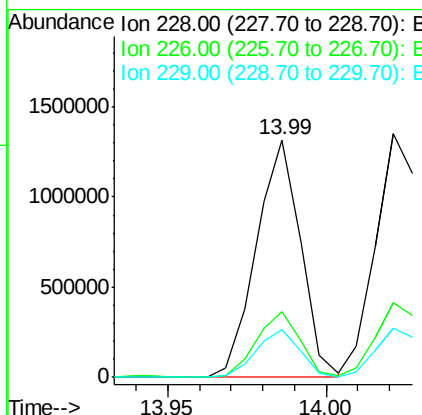
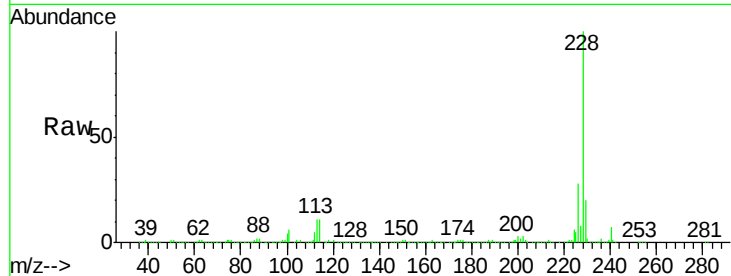
ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:	228	Resp:	1273346
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	20.3	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.604 ng

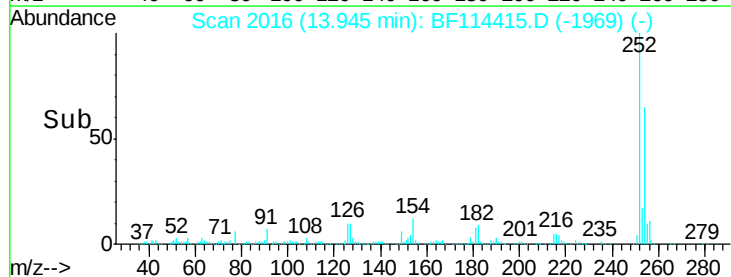
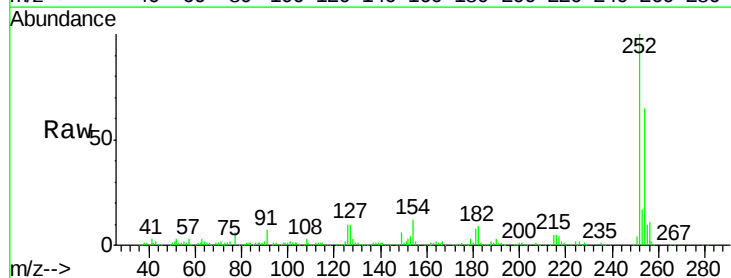
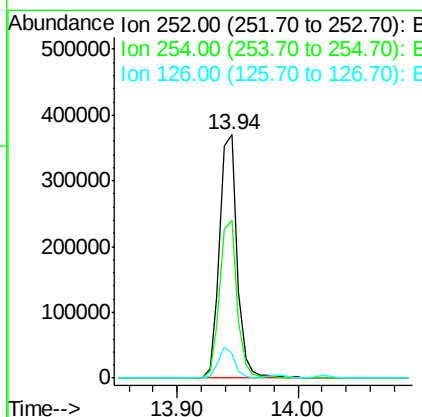
RT: 13.94 min Scan# 2016

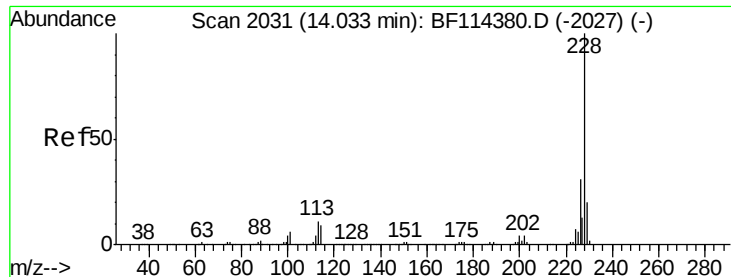
Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Tgt Ion:	252	Resp:	371127
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.9	77.9
126	10.2	7.9	11.9





#83

Chrysene

Concen: 48.415 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMSD

Tgt Ion:228 Resp: 1275279

Ion Ratio Lower Upper

228 100

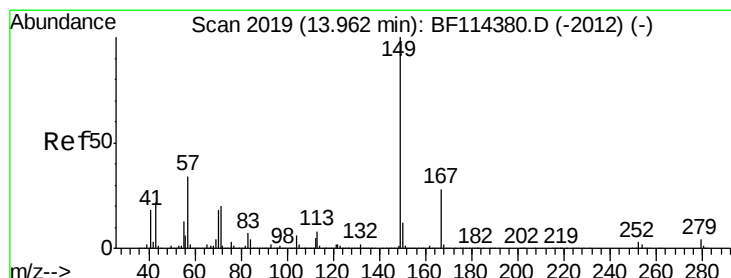
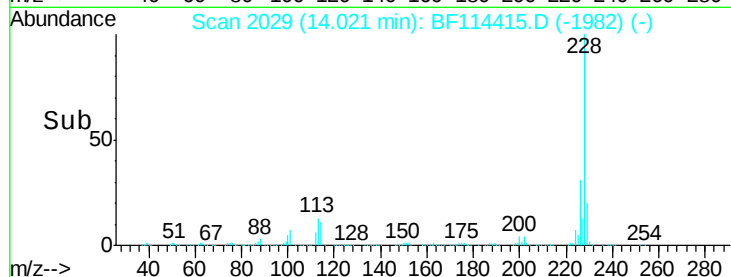
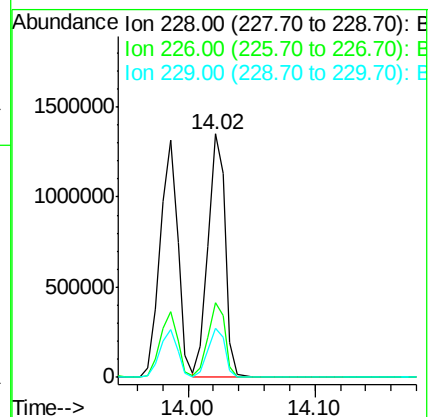
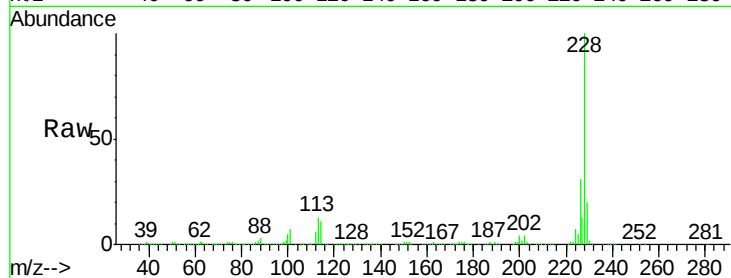
226 30.7 25.0 37.6

229 20.3 17.0 25.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.304 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114415.D

Acq: 19 May 2019 3:12

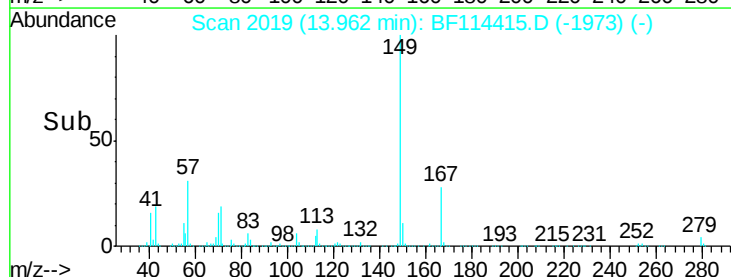
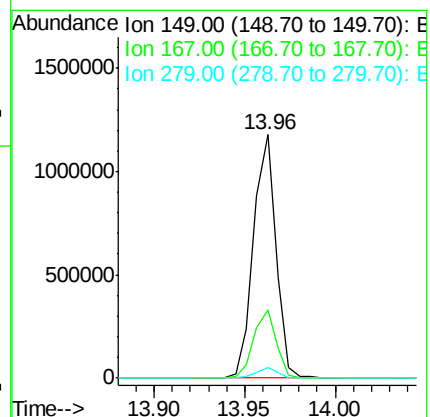
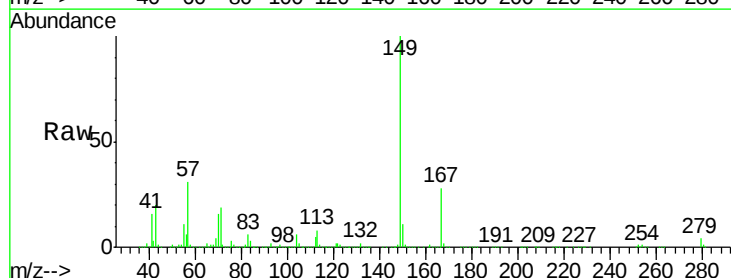
Tgt Ion:149 Resp: 1017460

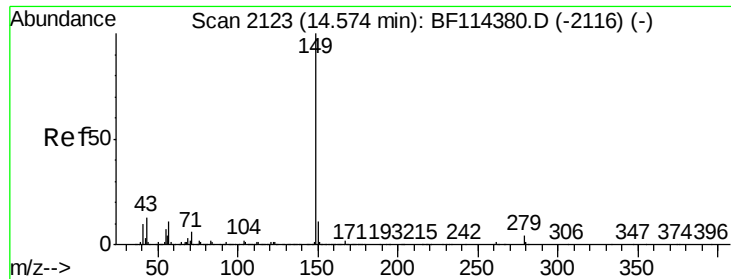
Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

279 4.1 3.0 4.6





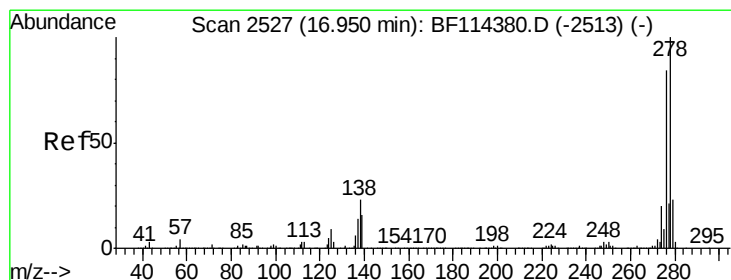
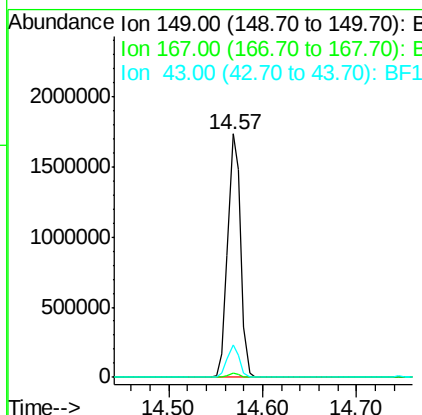
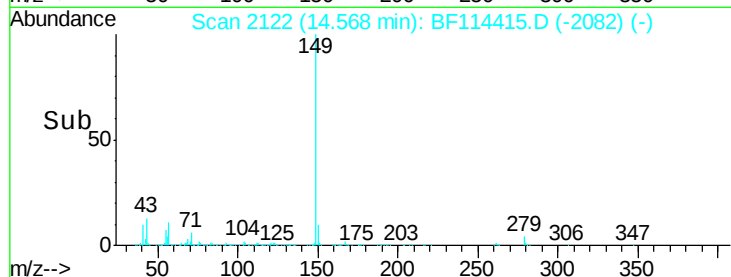
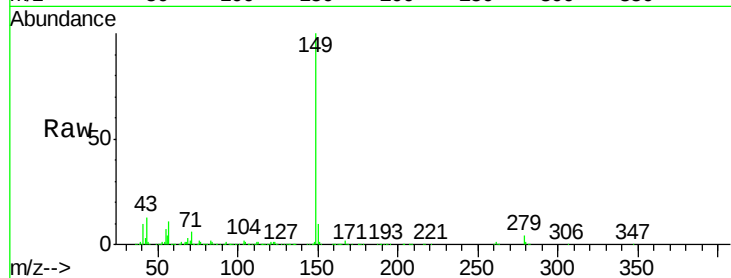
#85
Di-n-octyl phthalate
Concen: 55.395 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion:149 Resp: 1652070
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.6 10.1 15.1

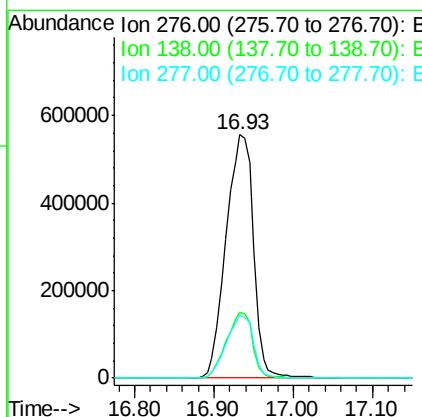
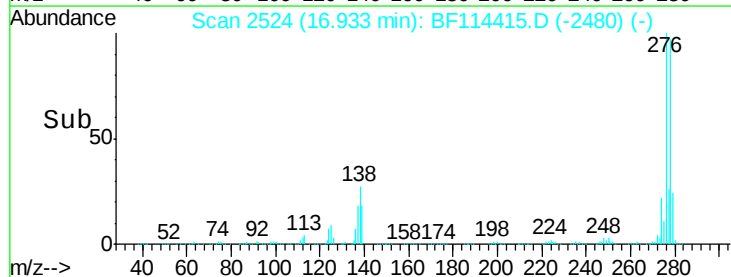
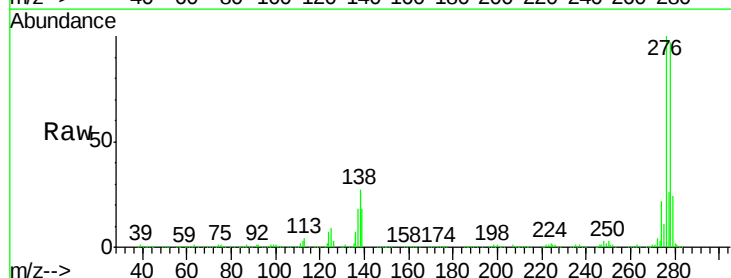
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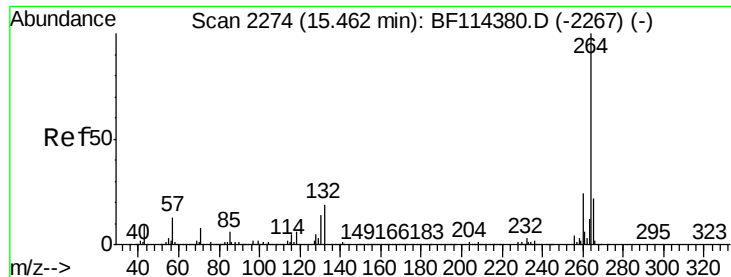
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.182 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion:276 Resp: 1331148
Ion Ratio Lower Upper
276 100
138 26.1 20.2 30.2
277 25.4 20.0 30.0





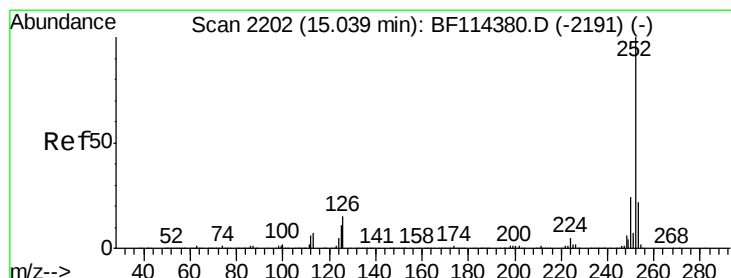
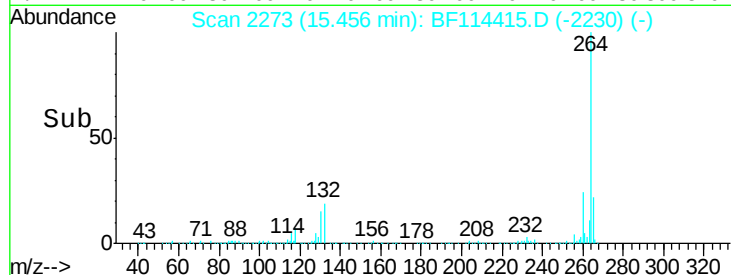
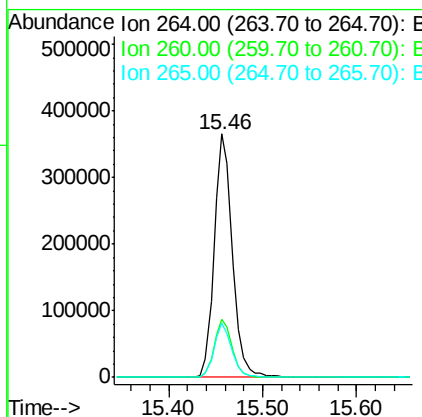
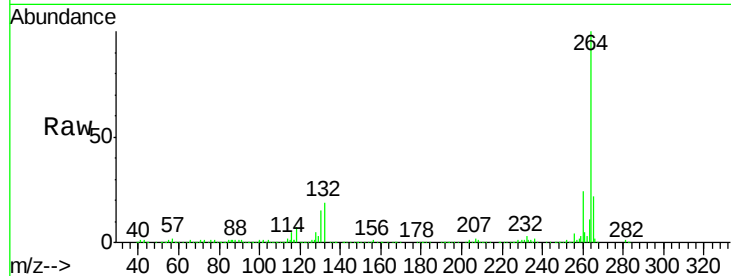
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	497748		
260	23.7	19.4	29.0	
265	22.0	16.9	25.3	

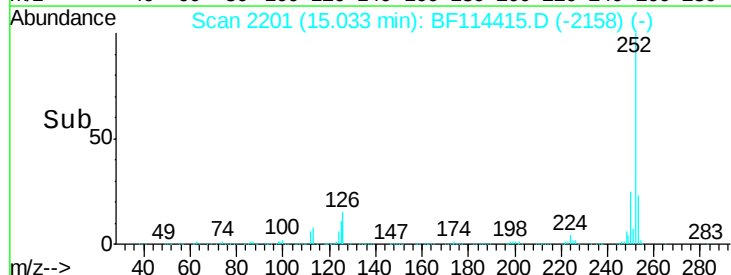
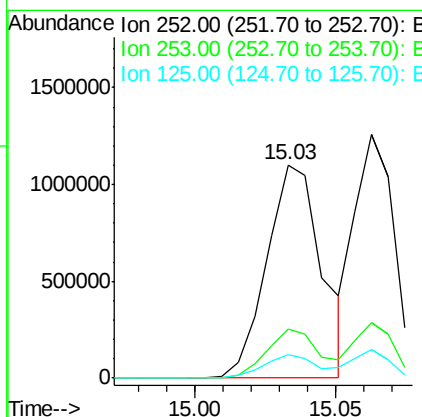
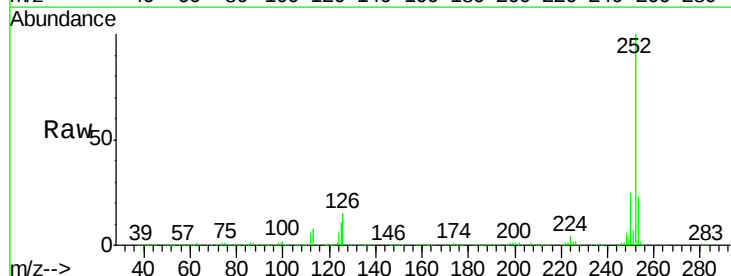
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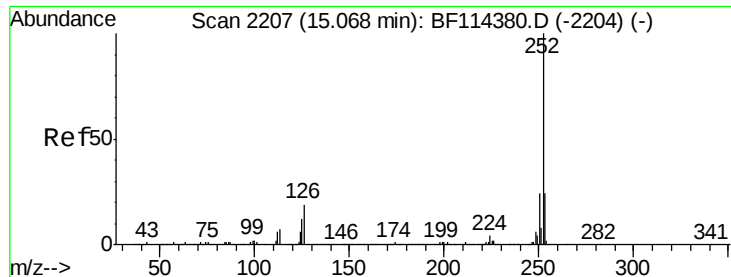
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#88
Benzo(b)fluoranthene
Concen: 46.884 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1495066		
253	23.0	17.8	26.8	
125	11.2	8.3	12.5	





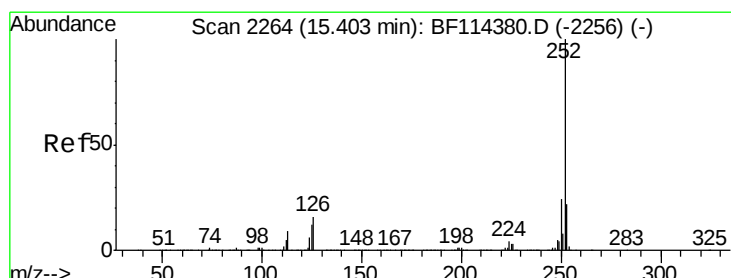
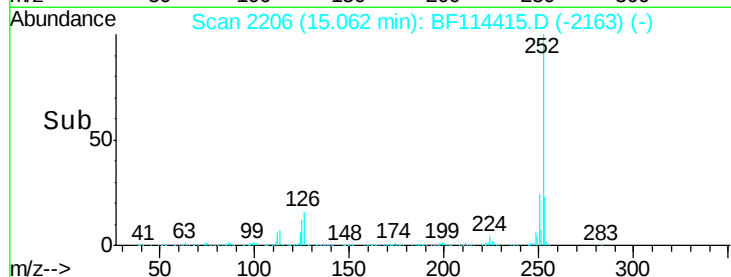
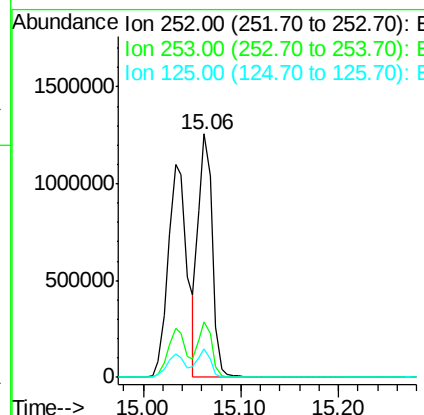
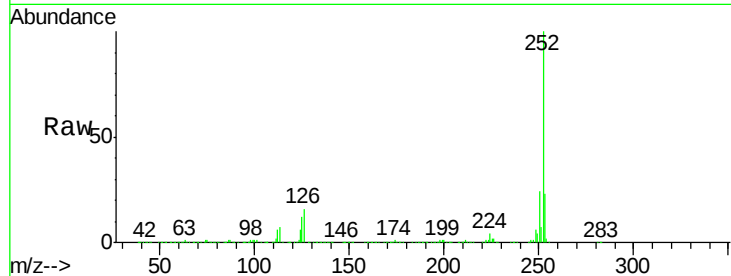
#89
Benzo(k)fluoranthene
Concen: 42.352 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.5	8.6	13.0

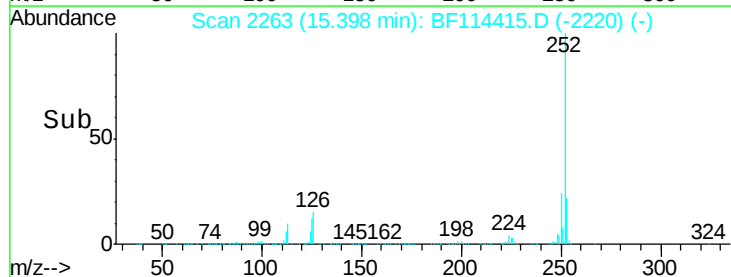
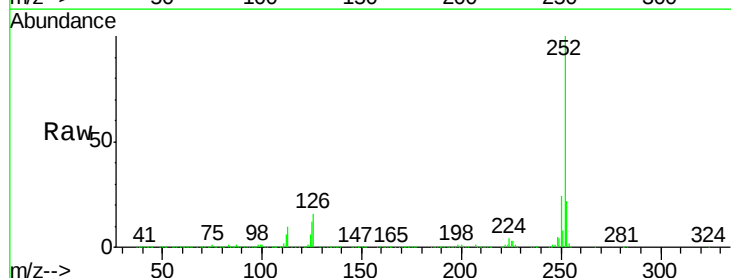
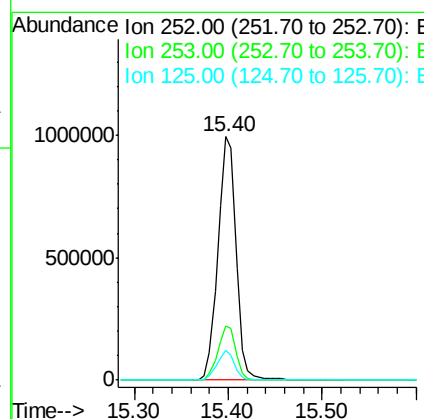
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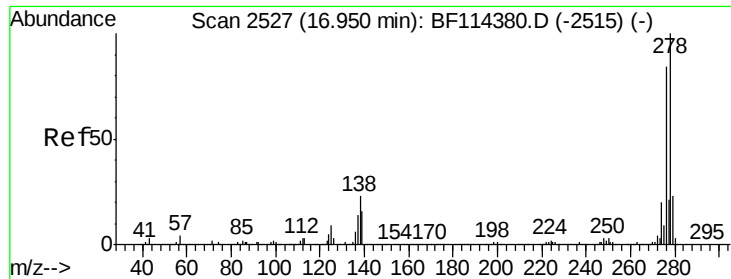
Sohil
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#90
Benzo(a)pyrene
Concen: 48.189 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.5	9.5	14.3





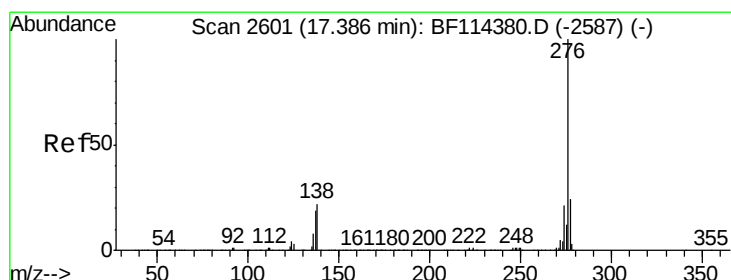
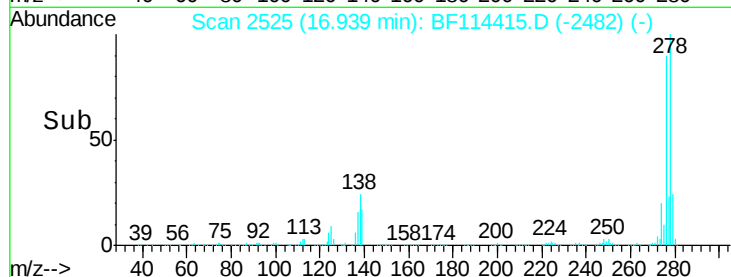
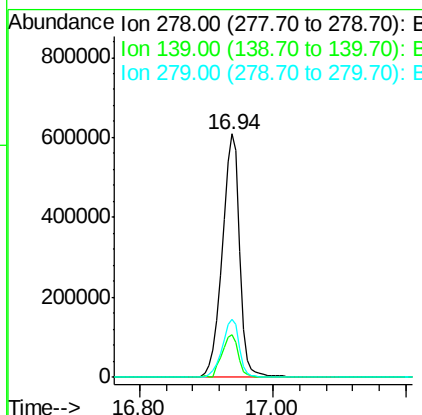
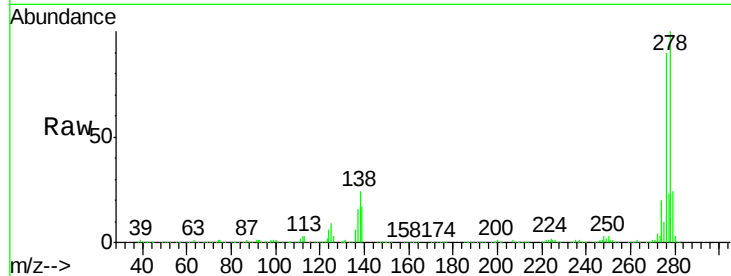
#91
Dibenzo(a,h)anthracene
Concen: 48.298 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:18 PM



#92
Benzo(g,h,i)perylene
Concen: 46.418 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114415.D
Acq: 19 May 2019 3:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	22.4	17.8	26.6

