

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113583.D
 Acq On : 4 Apr 2019 15:06
 Operator : JU/SJ
 Sample : K1560-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Manual Integrations
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Sohil
 4/6/2019 12:38:34 AM

Quant Time: Apr 05 09:14:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	138100	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	526505	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	270557	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	571269	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	510069	20.00	ng	-0.02
87) Perylene-d12	15.22	264	453208	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1008557	124.53	ng	0.00
7) Phenol-d6	6.33	99	1313383	131.58	ng	0.00
23) Nitrobenzene-d5	7.25	82	822612	91.52	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	441687	135.90	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1553758	92.45	ng	-0.01
79) Terphenyl-d14	12.77	244	1924252	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	27601	7.196	ng	96
3) Pyridine	3.15	79	60671	6.044	ng	# 92
4) n-Nitrosodimethylamine	2.99	42	27698	6.494	ng	# 99
6) Aniline	6.35	93	103728	8.573	ng	99
8) 2-Chlorophenol	6.47	128	76597	8.175	ng	97
9) Benzaldehyde	6.23	77	55247	9.309	ng	97
10) Phenol	6.35	94	93046	8.162	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	69853	7.877	ng	98
12) 1,3-Dichlorobenzene	6.62	146	82066	8.133	ng	96
13) 1,4-Dichlorobenzene	6.70	146	82799	8.120	ng	98
14) 1,2-Dichlorobenzene	6.85	146	77635	8.435	ng	98
15) Benzyl Alcohol	6.83	79	62598	9.275	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	114346	8.284	ng	95
17) 2-Methylphenol	6.95	107	58500	8.056	ng	98
18) Hexachloroethane	7.19	117	29091	7.838	ng	90
19) n-Nitroso-di-n-propylamine	7.09	70	53919	8.760	ng	95
20) 3+4-Methylphenols	7.11	107	79643	9.052	ng	90
22) Acetophenone	7.09	105	101281	8.758	ng	# 95
24) Nitrobenzene	7.26	77	78462	8.476	ng	94
25) Isophorone	7.50	82	147017	8.491	ng	99
26) 2-Nitrophenol	7.59	139	39858	8.000	ng	95
27) 2,4-Dimethylphenol	7.63	122	58332	8.190	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	94443	8.627	ng	99
29) 2,4-Dichlorophenol	7.84	162	63897	8.385	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	69260	8.369	ng	99
31) Naphthalene	7.99	128	230175	9.023	ng	98
32) Benzoic acid	7.74	122	24110	4.372	ng	94
33) 4-Chloroaniline	8.04	127	92367	9.131	ng	99
34) Hexachlorobutadiene	8.10	225	42949	8.513	ng	97
35) Caprolactam	8.39	113	21398	8.846	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	67339	8.803	ng	98
37) 2-Methylnaphthalene	8.67	142	154248	9.193	ng	99
38) 1-Methylnaphthalene	8.77	142	150410	9.297	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	73337	8.381	ng	99

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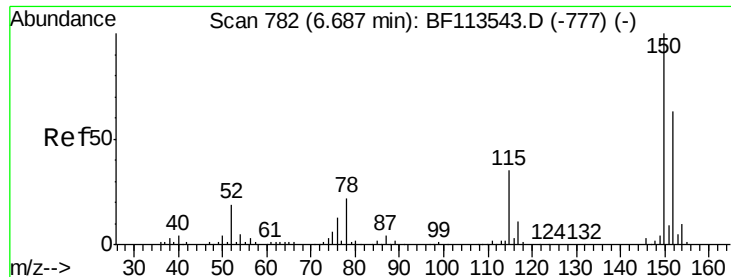
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	3615	14.338	ng	94
43) 2,4,6-Trichlorophenol	8.96	196	43531	7.881	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	46640	7.865	ng	97
46) 1,1'-Biphenyl	9.14	154	203309	9.106	ng	98
47) 2-Chloronaphthalene	9.16	162	145840	8.628	ng	98
48) 2-Nitroaniline	9.26	65	43029	8.319	ng	98
49) Acenaphthylene	9.57	152	256031	9.314	ng	98
50) Dimethylphthalate	9.43	163	177744	8.912	ng	100
51) 2,6-Dinitrotoluene	9.50	165	38163	8.681	ng	97
52) Acenaphthene	9.75	154	143630	9.128	ng	99
53) 3-Nitroaniline	9.67	138	43823	8.768	ng	88
54) 2,4-Dinitrophenol	9.81	184	9868	4.798	ng	# 87
55) Dibenzofuran	9.92	168	222636	9.646	ng	97
56) 4-Nitrophenol	9.87	139	18665	6.020	ng	90
57) 2,4-Dinitrotoluene	9.91	165	50069	9.417	ng	92
58) Fluorene	10.26	166	178145	9.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	36079m	7.029	ng	
60) Diethylphthalate	10.13	149	178182	9.267	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	85747	9.549	ng	92
62) 4-Nitroaniline	10.28	138	45500	8.952	ng	96
63) Azobenzene	10.41	77	166654	9.154	ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	17445	5.801	ng	86
66) n-Nitrosodiphenylamine	10.37	169	155614	8.873	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	55325	8.635	ng	97
68) Hexachlorobenzene	10.81	284	63261	8.617	ng	# 93
69) Atrazine	10.89	200	50314	9.102	ng	96
70) Pentachlorophenol	11.02	266	18364	5.309	ng	# 84
71) Phenanthrene	11.22	178	267016	9.406	ng	98
72) Anthracene	11.27	178	270546	9.367	ng	98
73) Carbazole	11.42	167	255074	9.443	ng	98
74) Di-n-butylphthalate	11.75	149	296997	9.243	ng	99
75) Fluoranthene	12.40	202	301887	9.924	ng	99
77) Benzidine	12.52	184	142509	7.513	ng	98
78) Pyrene	12.63	202	306800	7.905	ng	98
80) Butylbenzylphthalate	13.24	149	122998	7.786	ng	99
81) Benzo(a)anthracene	13.81	228	255100	8.670	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	101129	8.923	ng	99
83) Chrysene	13.84	228	261962	8.783	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	162469	8.506	ng	# 100
85) Di-n-octyl phthalate	14.41	149	271598	8.748	ng	99
86) Indeno(1,2,3-cd)pyrene	16.57	276	202824	7.365	ng	98
88) Benzo(b)fluoranthene	14.83	252	240145	8.656	ng	99
89) Benzo(k)fluoranthene	14.85	252	216316	8.688	ng	99
90) Benzo(a)pyrene	15.16	252	208068	8.440	ng	98
91) Dibenzo(a,h)anthracene	16.57	278	171452	7.437	ng	98
92) Benzo(g,h,i)perylene	16.97	276	159482	6.778	ng	97

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



#1

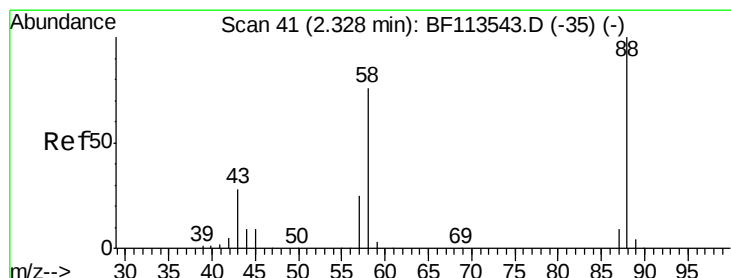
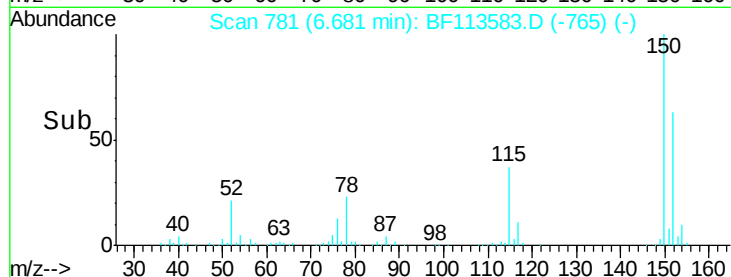
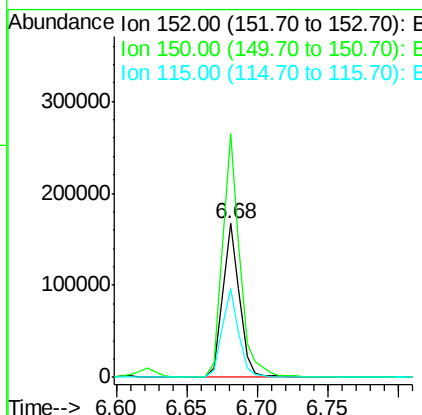
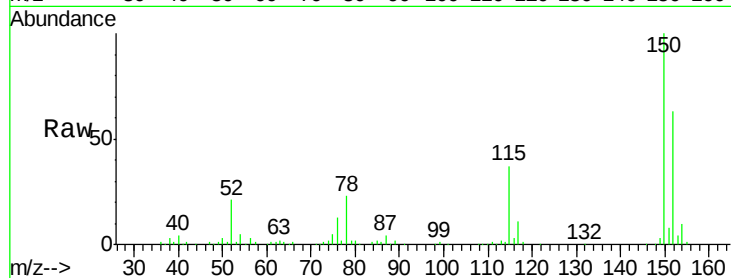
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.7	187.1
115	57.8	46.0	69.0

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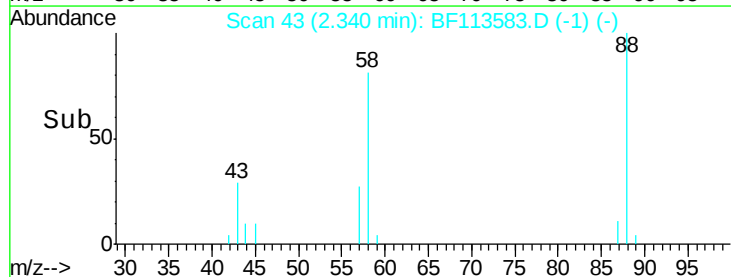
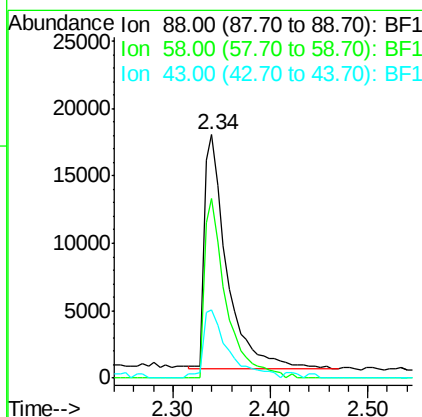
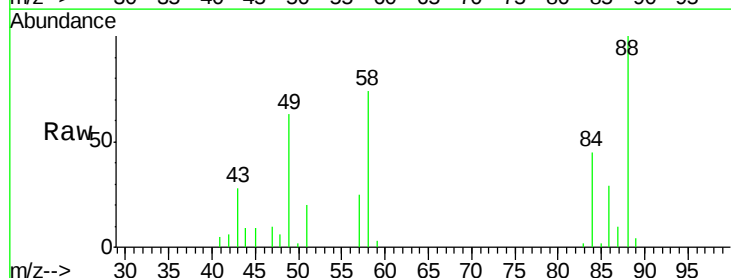
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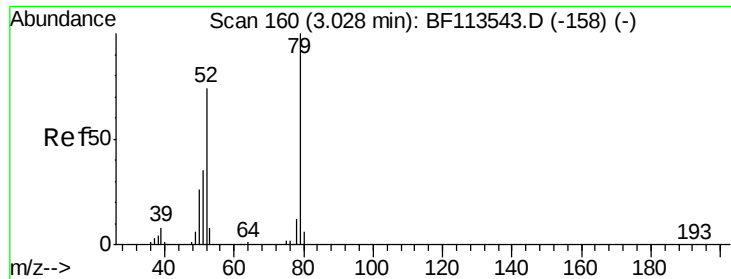


#2

1,4-Dioxane
Concen: 7.196 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	61.9	92.9
43	32.5	24.2	36.4





#3

Pyridine

Concen: 6.044 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.12 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

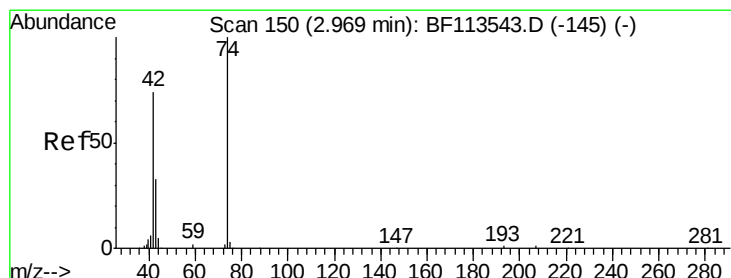
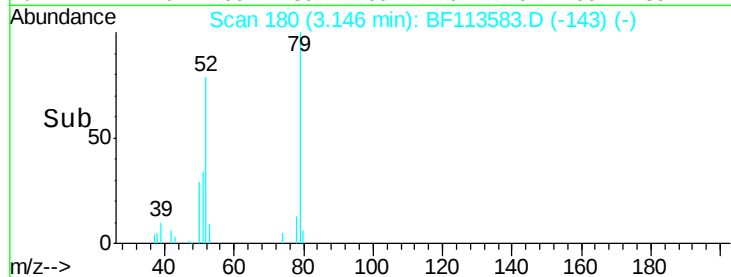
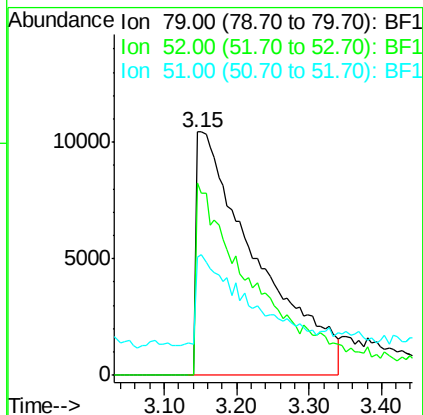
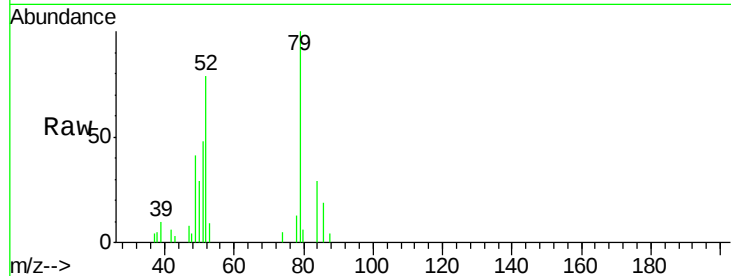
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	79	Resp:	60671
Ion Ratio	Lower	Upper	
79	100		
52	79.1	61.0	91.4
51	48.3	30.6	45.8#

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#4

n-Nitrosodimethylamine

Concen: 6.494 ng

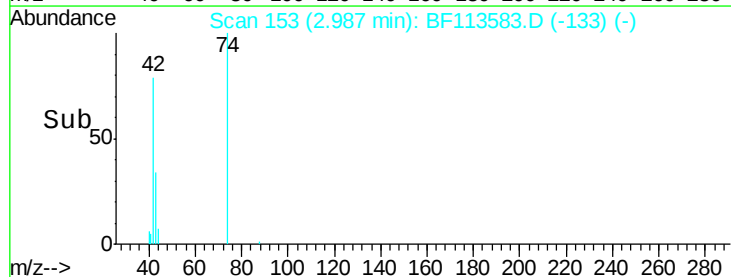
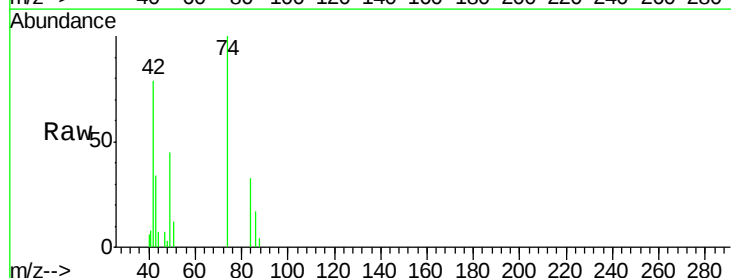
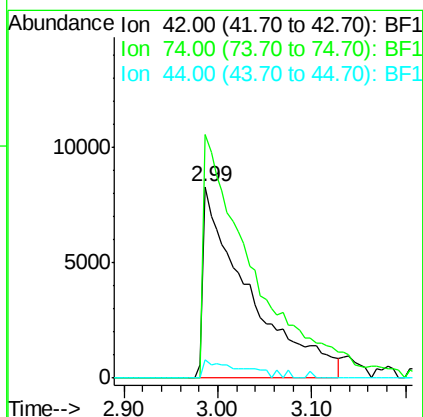
RT: 2.99 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	42	Resp:	27698
Ion Ratio	Lower	Upper	
42	100		
74	127.2	102.4	153.6
44	9.3	5.5	8.3#





#5

2-Fluorophenol

Concen: 124.535 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

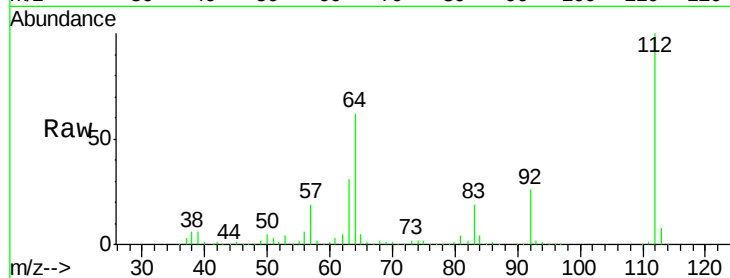
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	112	Resp:	1008557
Ion Ratio	Lower	Upper	
112	100		
64	61.7	49.2	73.8
63	31.2	24.9	37.3

Manual Integrations
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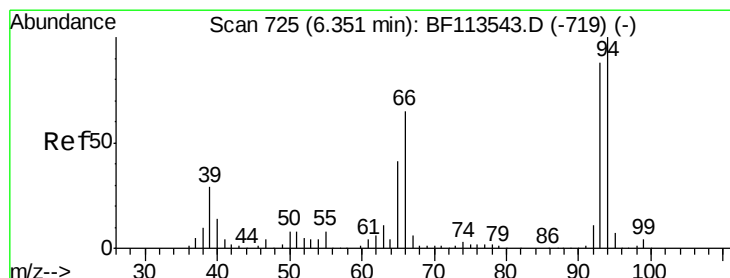
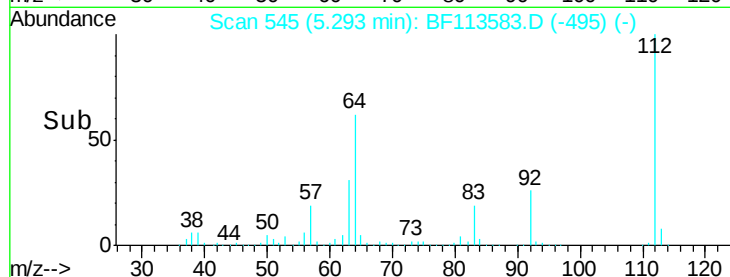
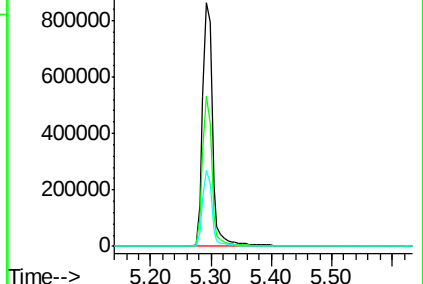
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.573 ng

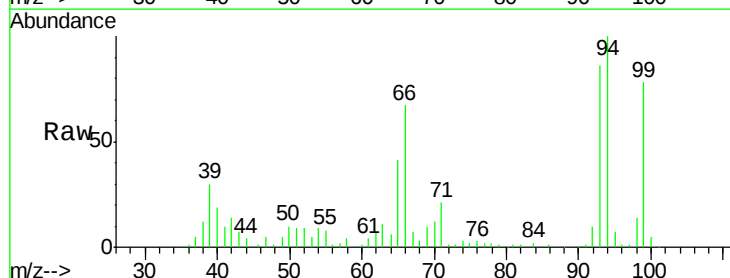
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

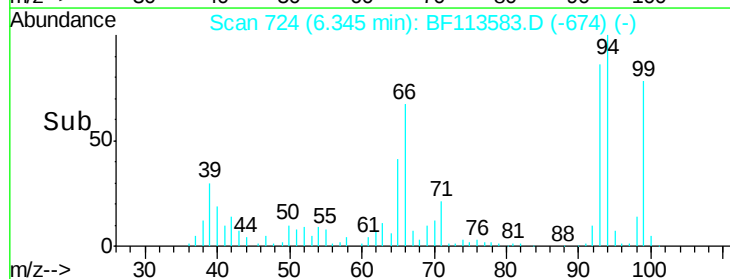
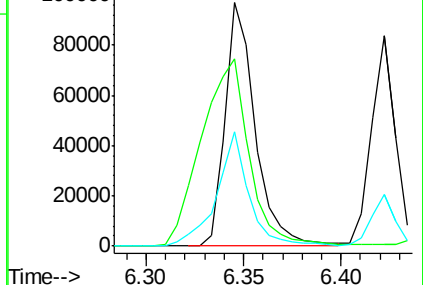
Tgt Ion:	93	Resp:	103728
Ion Ratio	Lower	Upper	
93	100		
66	77.0	62.1	93.1
65	47.0	38.7	58.1

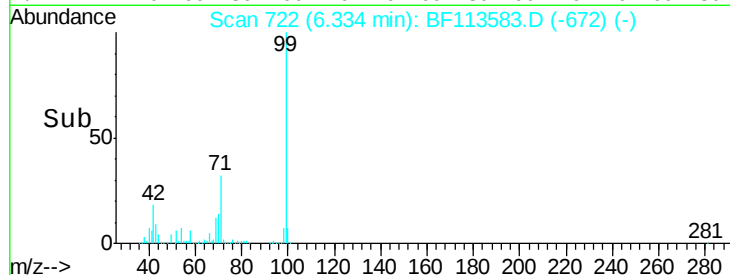
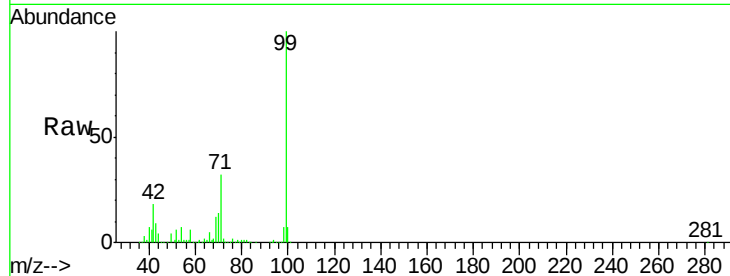
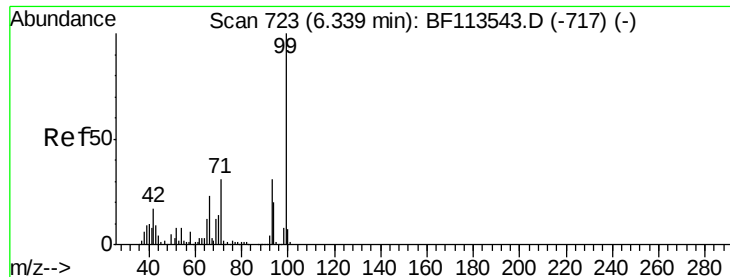


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.581 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion: 99 Resp: 1313383

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

71 31.9 24.9 37.3

Instrument :

BNA_F

ClientSampleId :

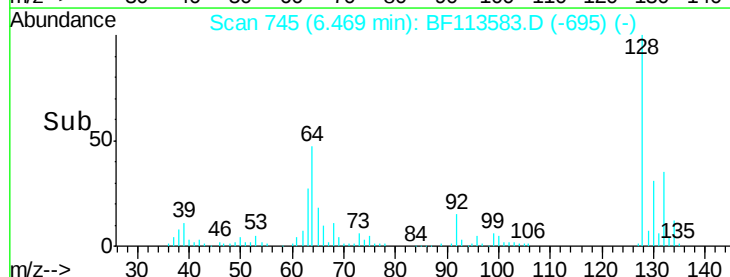
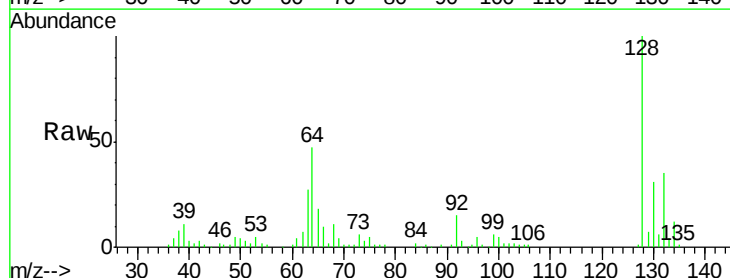
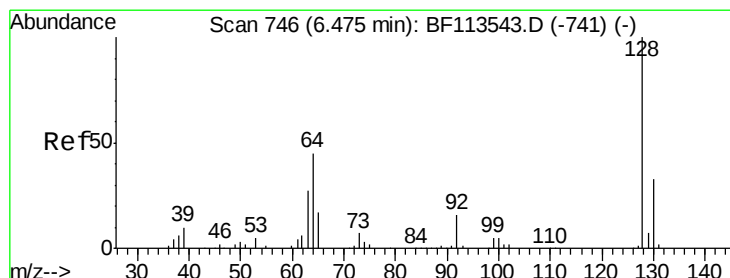
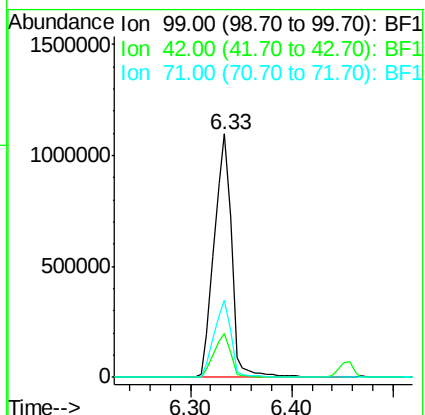
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#8

2-Chlorophenol

Concen: 8.175 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

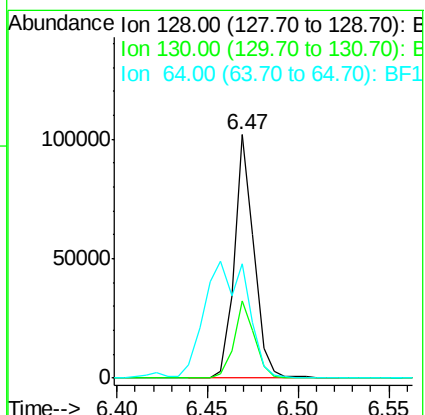
Tgt Ion: 128 Resp: 76597

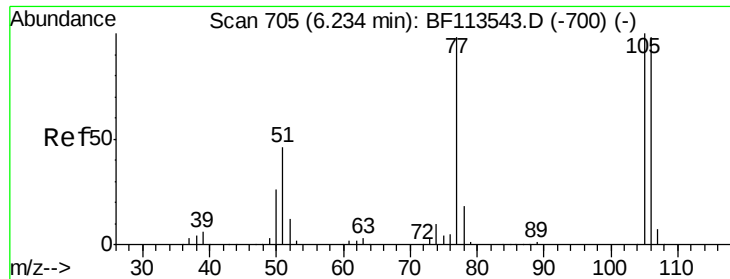
Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

64 47.2 29.4 69.4





#9

Benzaldehyde

Concen: 9.309 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

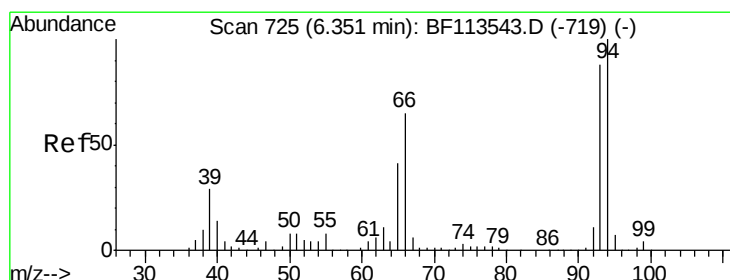
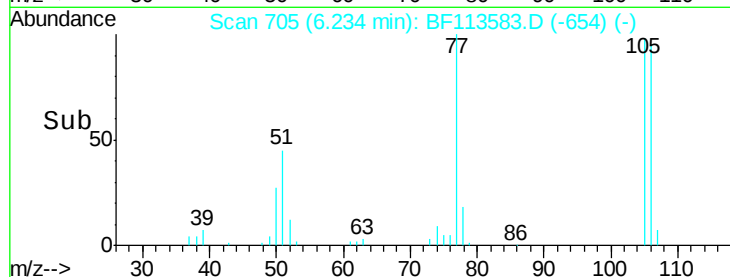
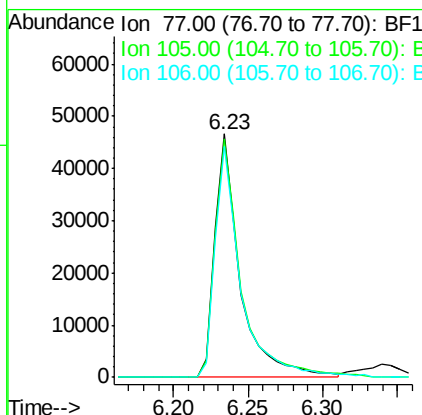
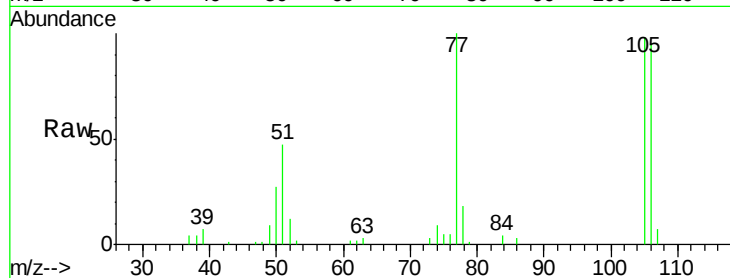
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	77	Resp:	55247
Ion	Ratio	Lower	Upper
77	100		
105	98.1	80.9	120.9
106	95.0	77.8	117.8

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#10

Phenol

Concen: 8.162 ng

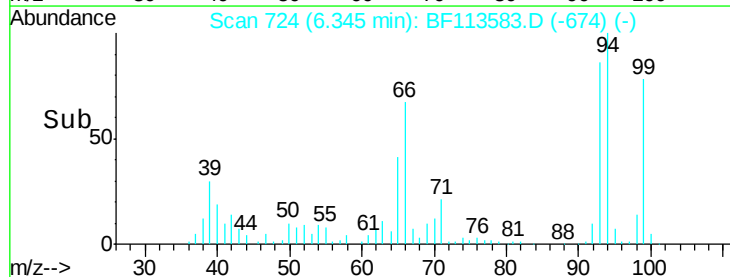
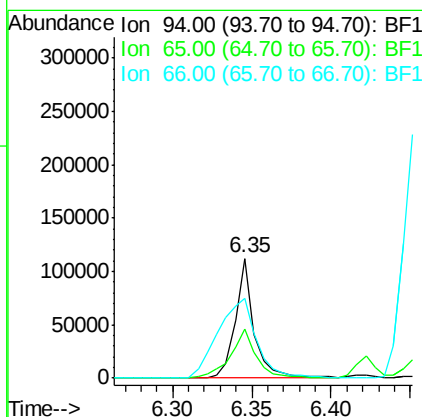
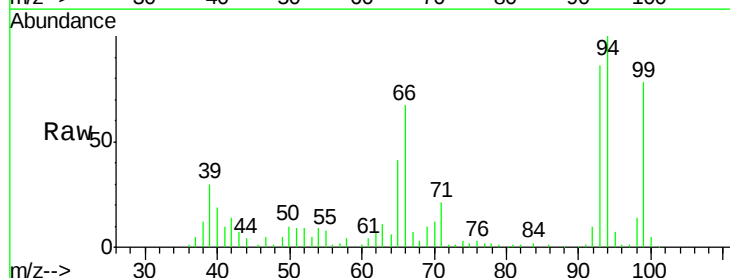
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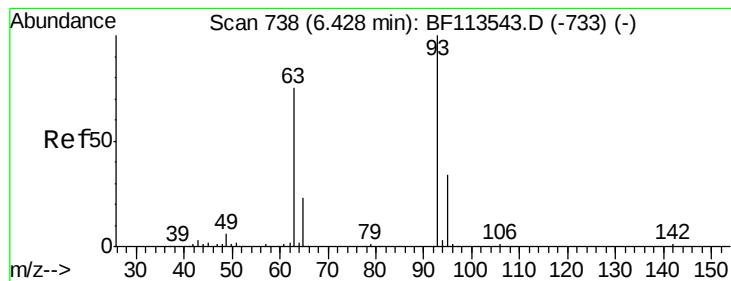
Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	94	Resp:	93046
Ion	Ratio	Lower	Upper
94	100		
65	40.6	21.4	61.4
66	66.5	46.4	86.4





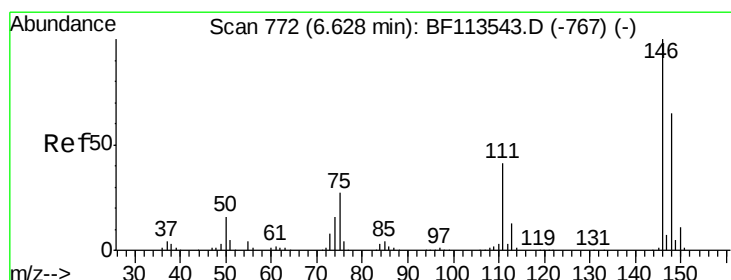
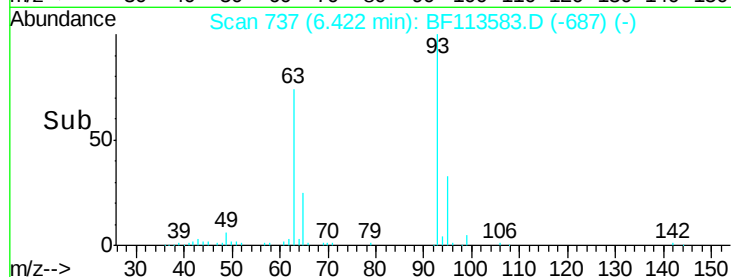
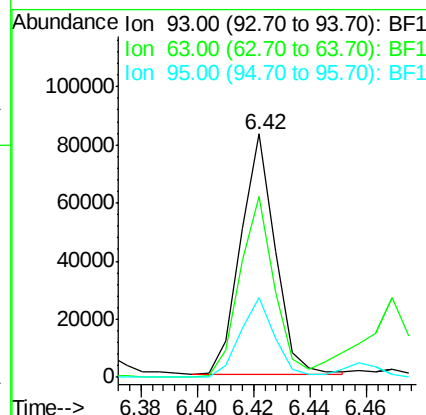
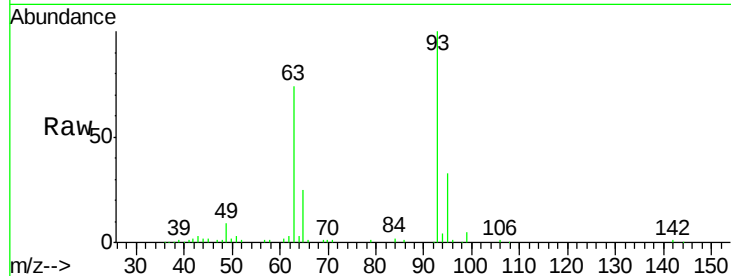
#11
bis(2-Chloroethyl)ether
Concen: 7.877 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.1	96.1
95	32.6	12.8	52.8

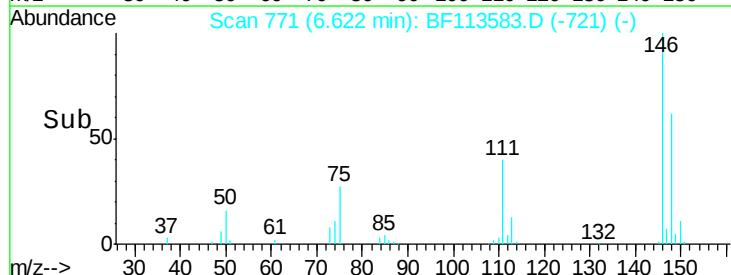
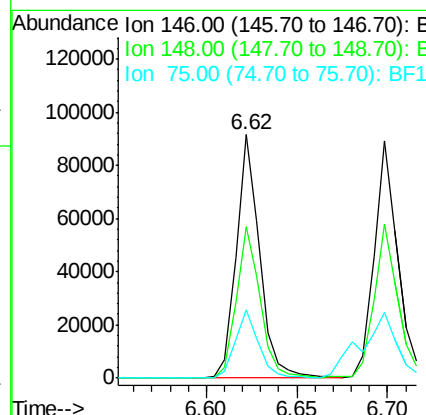
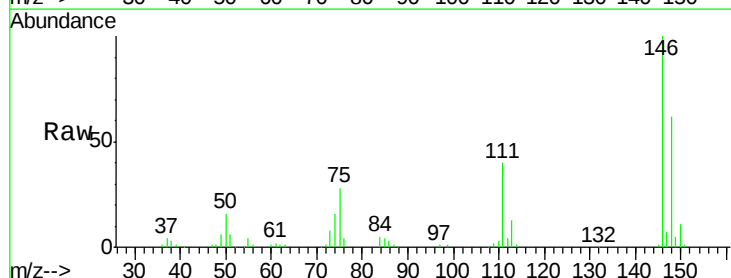
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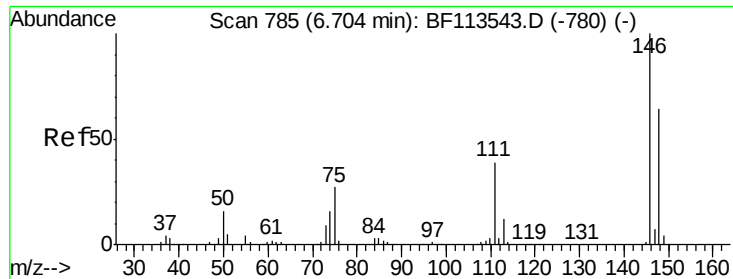
Sohil
4/6/2019 12:38:34 AM



#12
1,3-Dichlorobenzene
Concen: 8.133 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.4	77.0
75	27.8	24.8	37.2





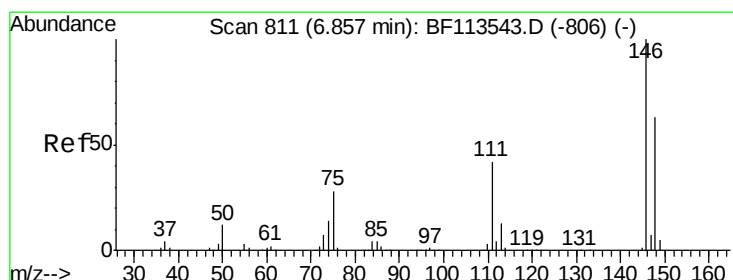
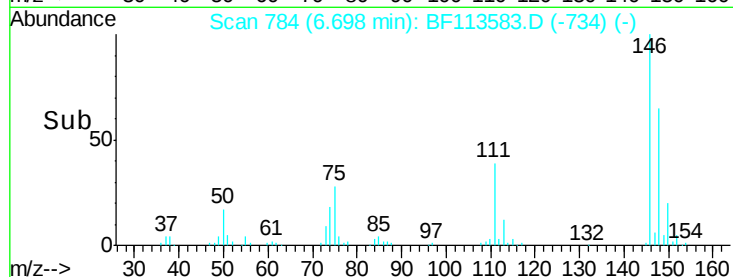
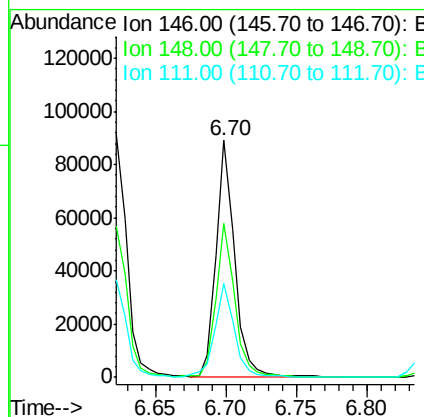
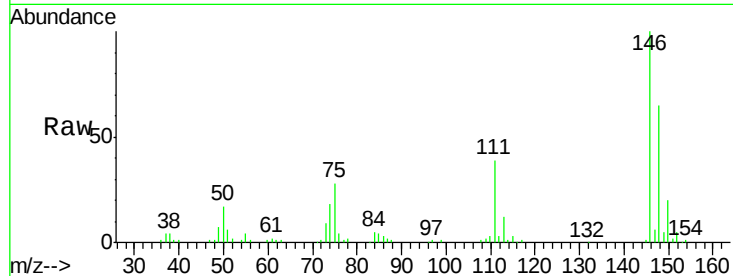
#13
1,4-Dichlorobenzene
Concen: 8.120 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	39.5	32.8	49.2

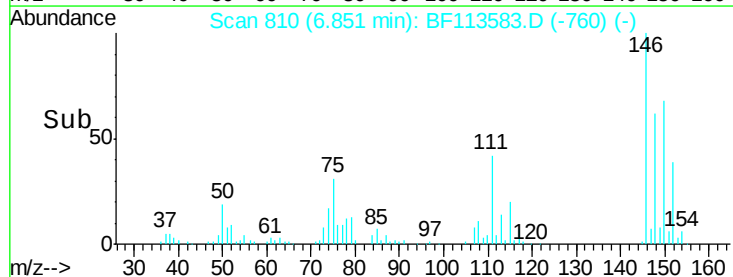
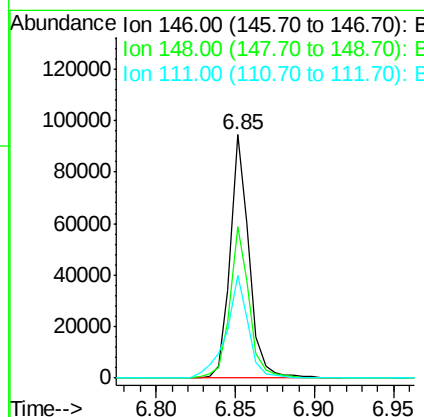
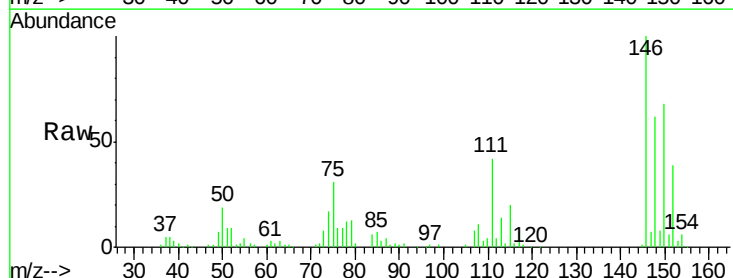
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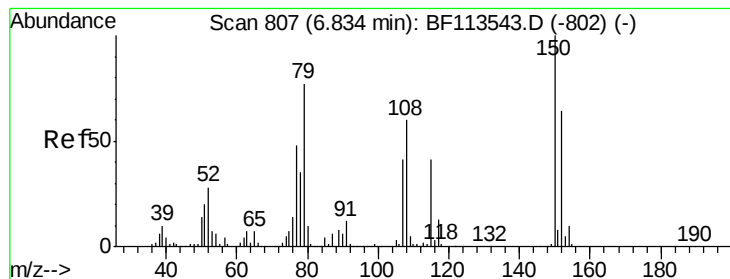
Sohil
4/6/2019 12:38:34 AM



#14
1,2-Dichlorobenzene
Concen: 8.435 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.2	75.4
111	42.4	35.4	53.2





#15

Benzyl Alcohol

Concen: 9.275 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

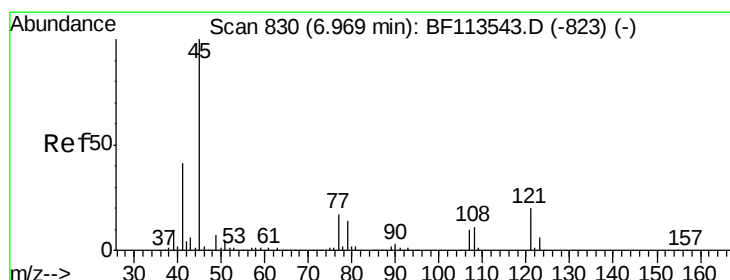
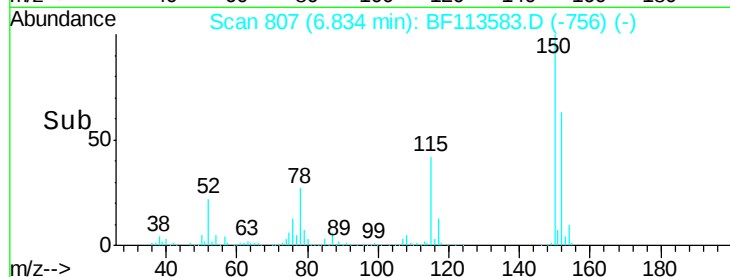
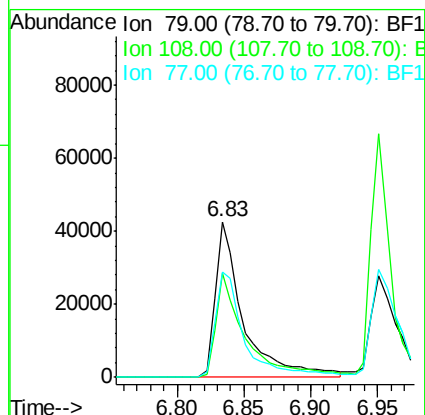
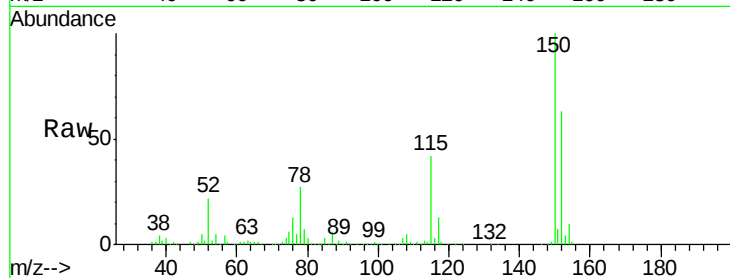
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	79	Resp:	62598
Ion Ratio	Lower	Upper	
79	100		
108	66.6	62.0	93.0
77	67.9	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.284 ng

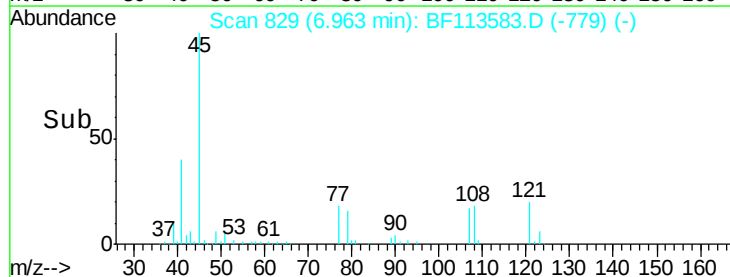
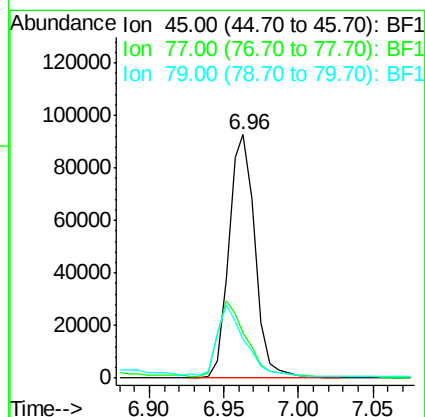
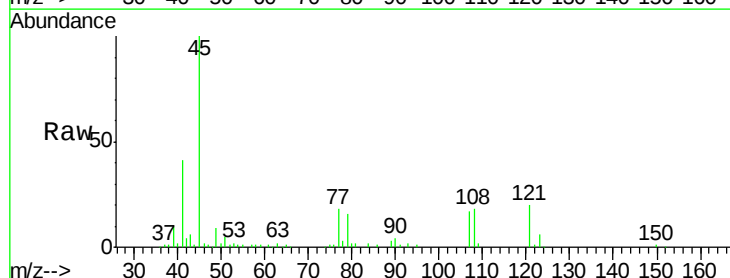
RT: 6.96 min Scan# 829

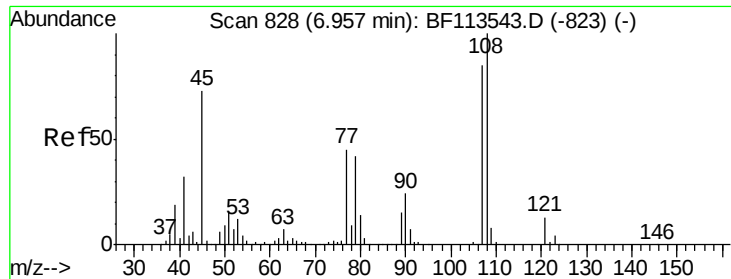
Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	45	Resp:	114346
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	36.6
79	16.0	0.0	34.0





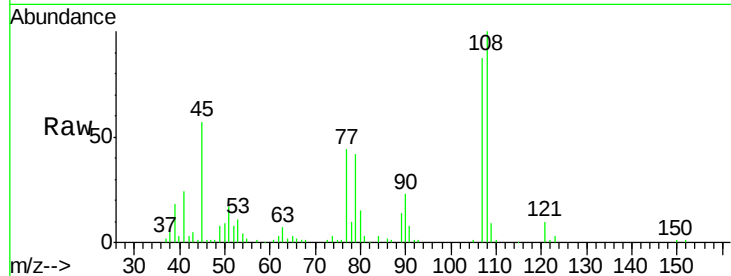
#17
2-Methylphenol
Concen: 8.056 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

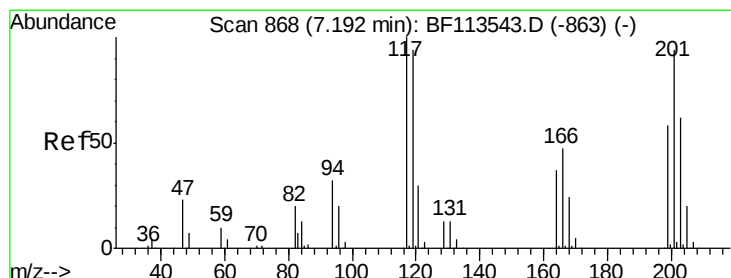
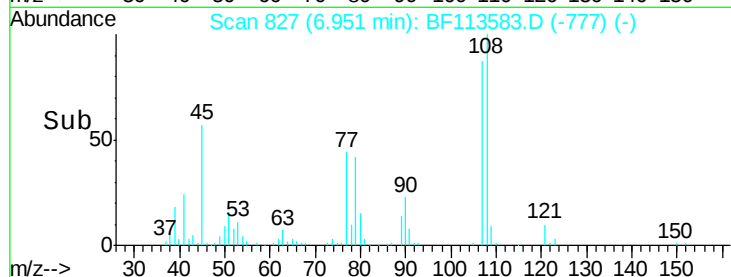
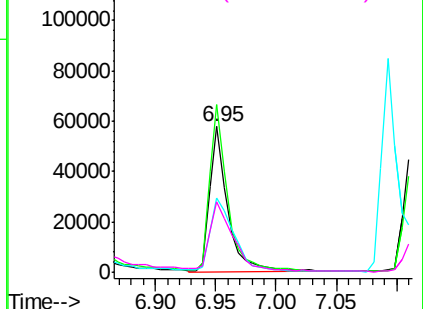
Tgt Ion:	107	Resp:	58500
Ion Ratio	Lower	Upper	
107	100		
108	115.2	93.4	140.0
77	50.9	41.2	61.8
79	48.3	40.1	60.1

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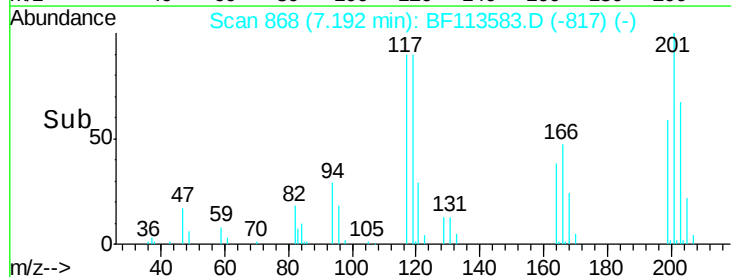
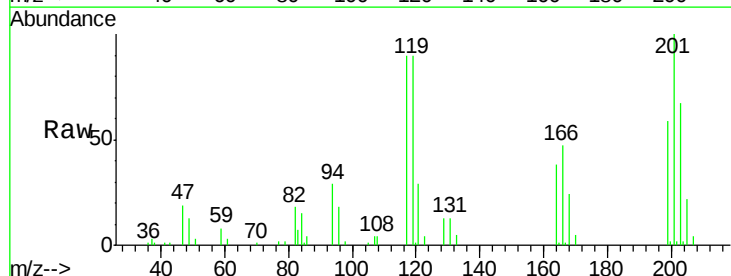
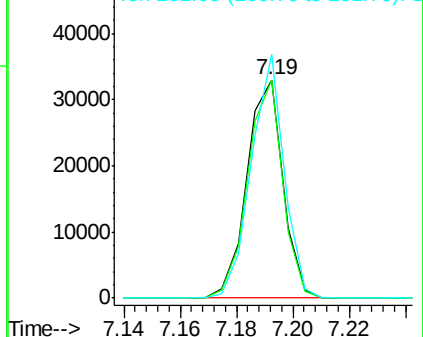
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

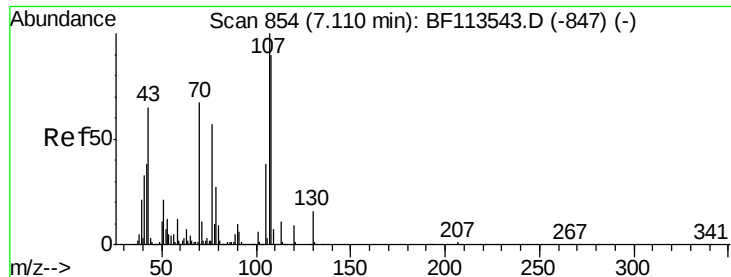


#18
Hexachloroethane
Concen: 7.838 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion:	117	Resp:	29091
Ion Ratio	Lower	Upper	
117	100		
119	99.9	76.9	115.3
201	114.0	78.7	118.1

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





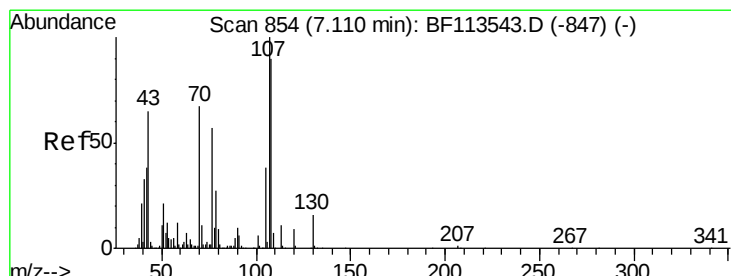
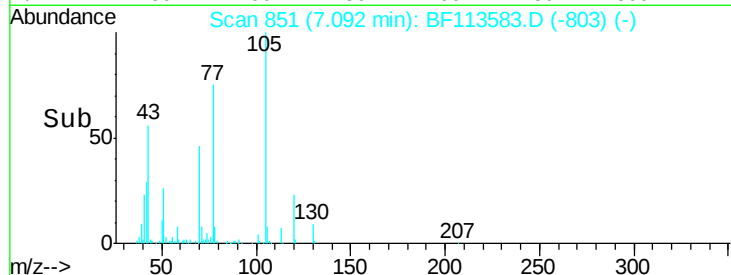
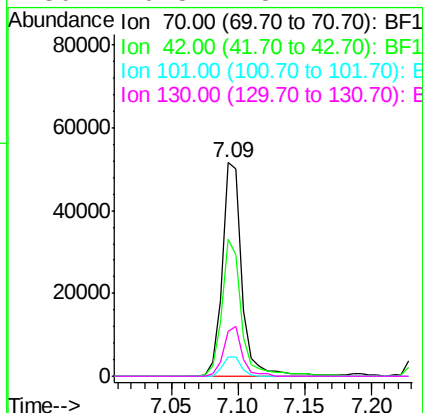
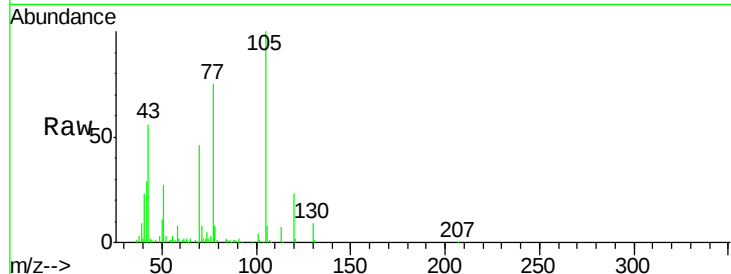
#19
n-Nitroso-di-n-propylamine
Concen: 8.760 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.3	48.4	72.6
101	8.9	7.8	11.8
130	20.8	18.2	27.4

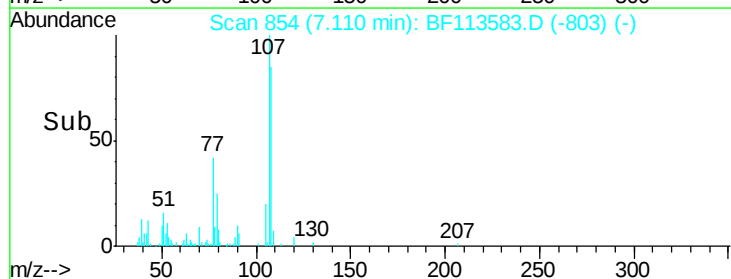
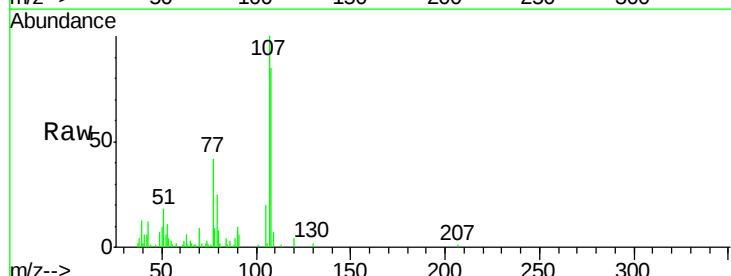
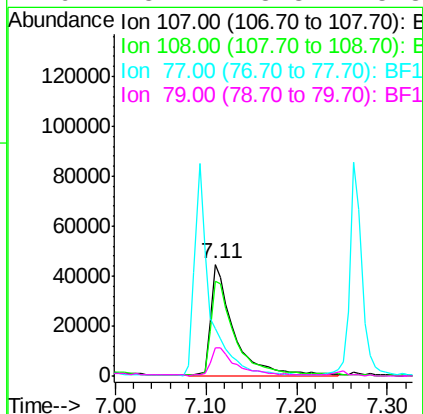
Manual Integrations
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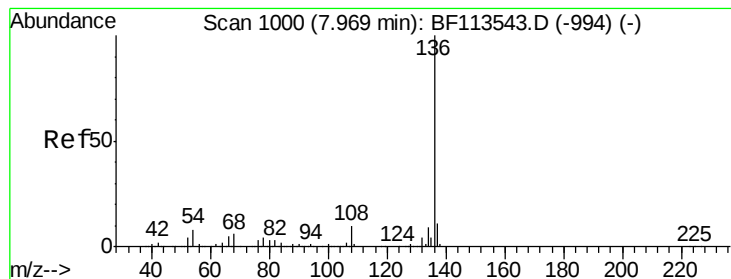
Sohil
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#20
3+4-Methylphenols
Concen: 9.052 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.4	111.4
77	42.2	33.5	73.5
79	25.1	8.3	48.3





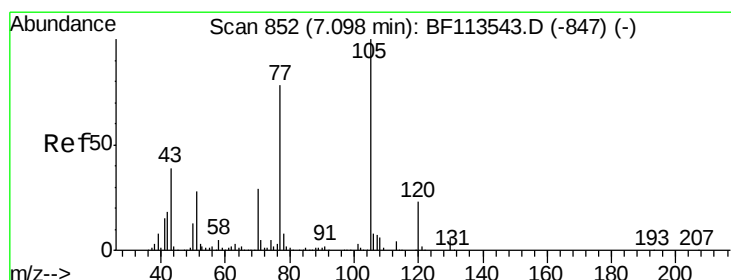
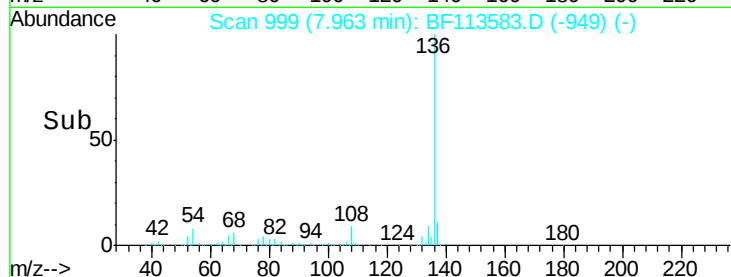
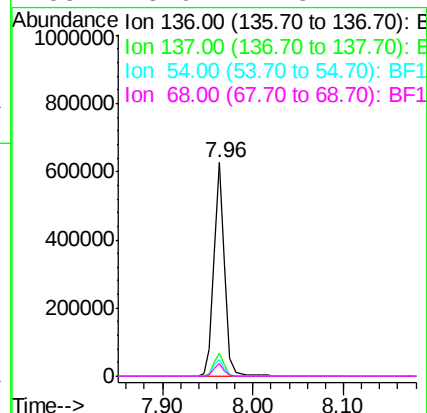
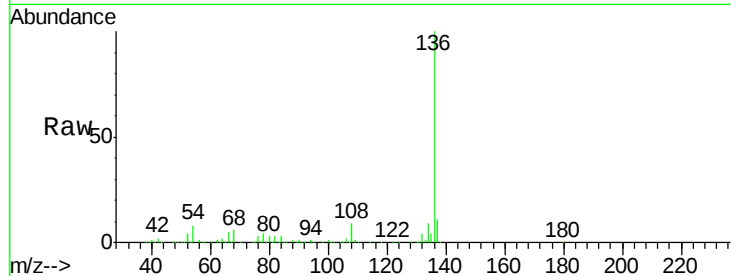
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	526505		
137	11.0	8.9	13.3	
54	7.8	7.0	10.6	
68	5.9	4.8	7.2	

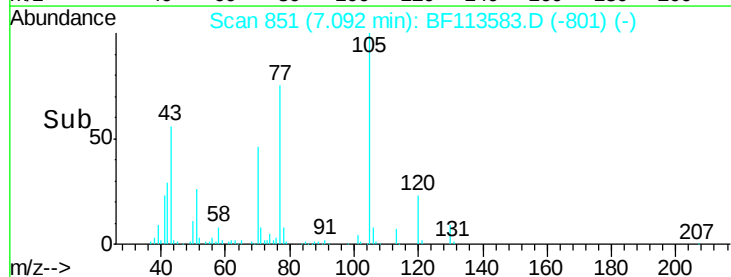
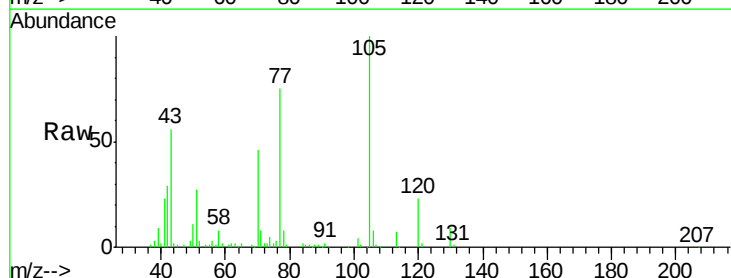
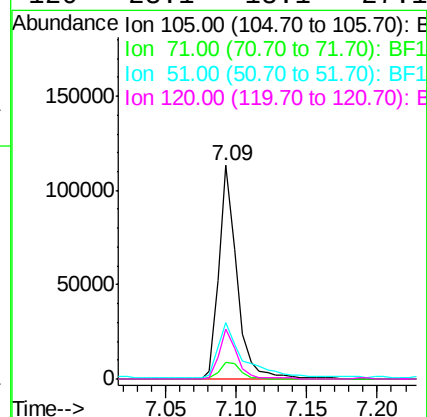
Manual Integrations
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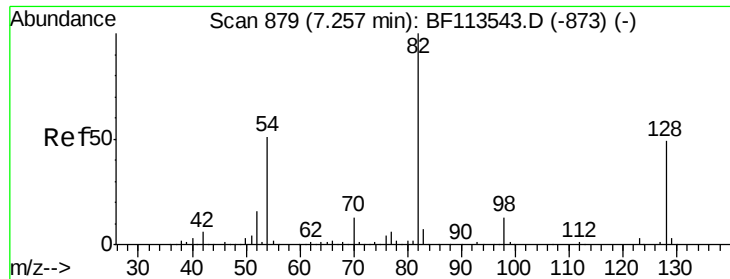
Sohil
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#22
Acetophenone
Concen: 8.758 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	101281		
71	7.7	3.3	4.9#	
51	26.6	24.2	36.2	
120	23.1	18.1	27.1	





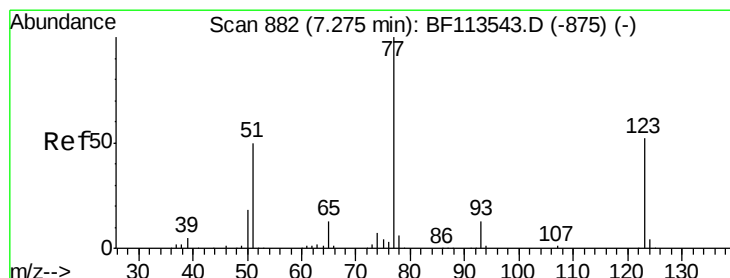
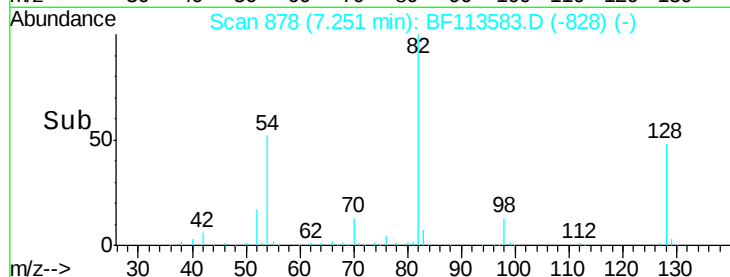
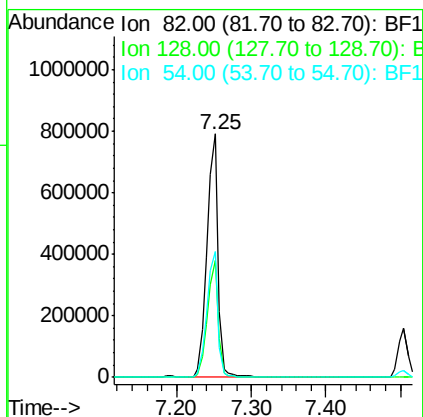
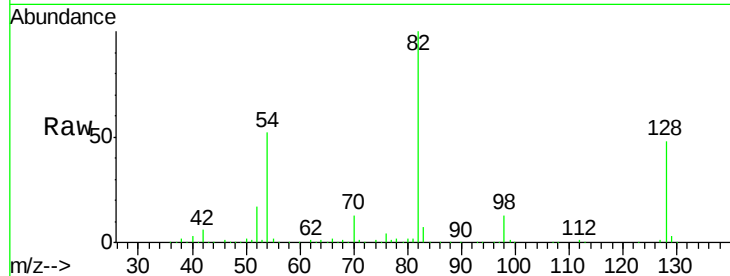
#23
Nitrobenzene-d5
Concen: 91.518 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion: 82 Resp: 822612
Ion Ratio Lower Upper
82 100
128 48.1 36.5 54.7
54 51.9 42.2 63.2

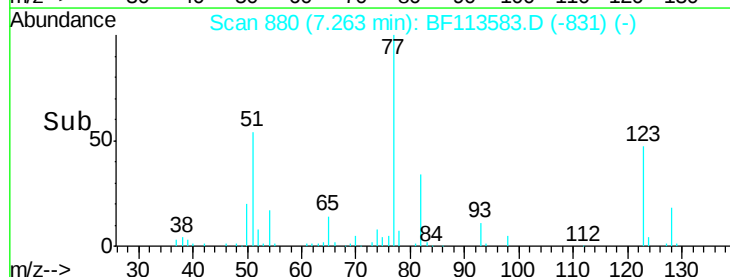
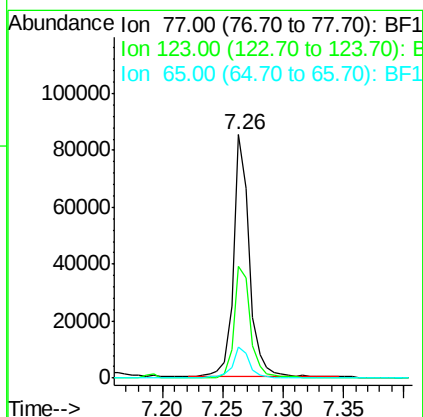
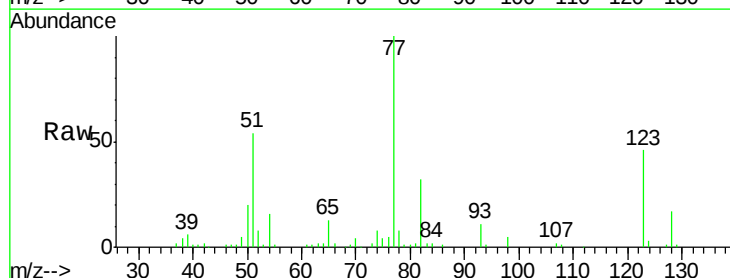
Manual Integrations
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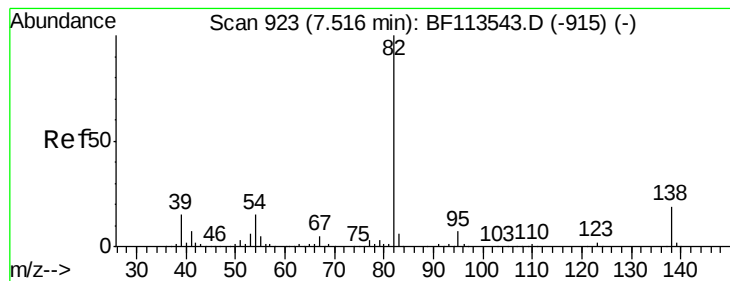
Sohil
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#24
Nitrobenzene
Concen: 8.476 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion: 77 Resp: 78462
Ion Ratio Lower Upper
77 100
123 46.2 40.8 61.2
65 12.7 10.6 16.0





#25

Isophorone

Concen: 8.491 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

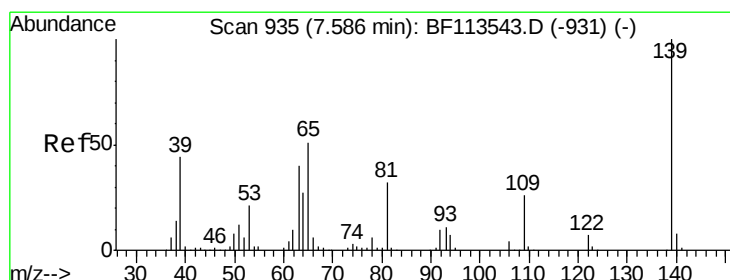
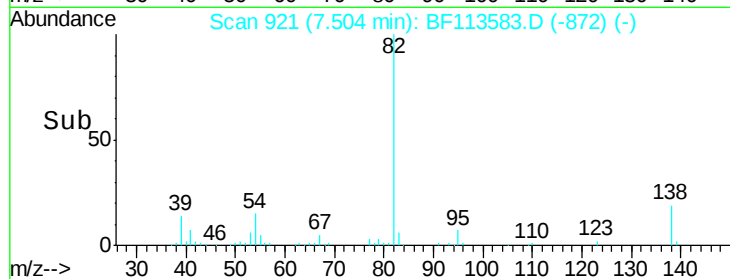
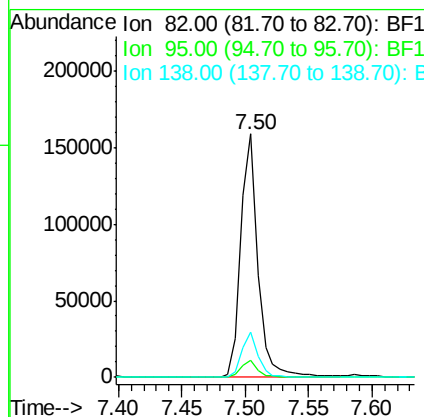
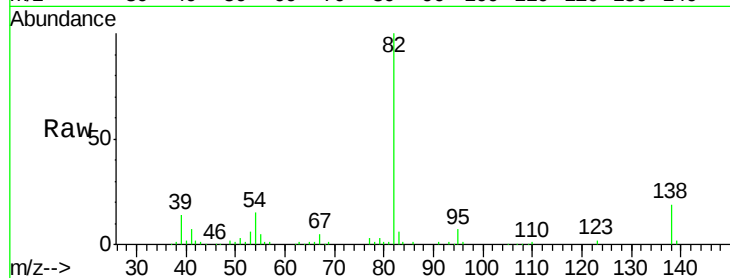
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	82	Resp:	147017
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.5	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 8.000 ng

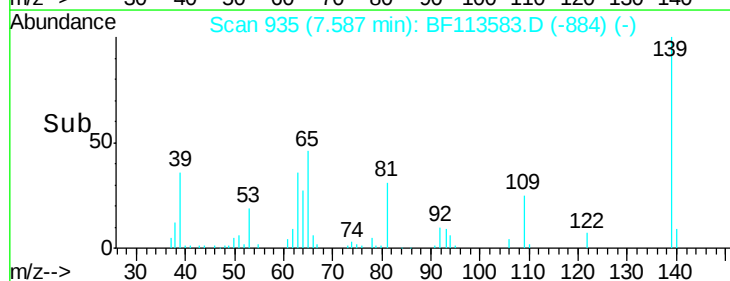
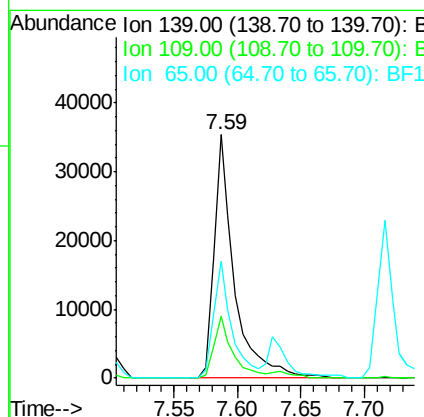
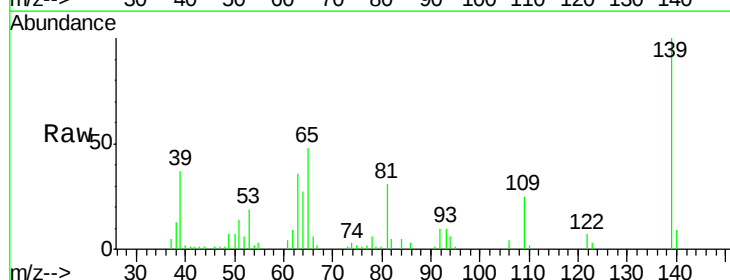
RT: 7.59 min Scan# 935

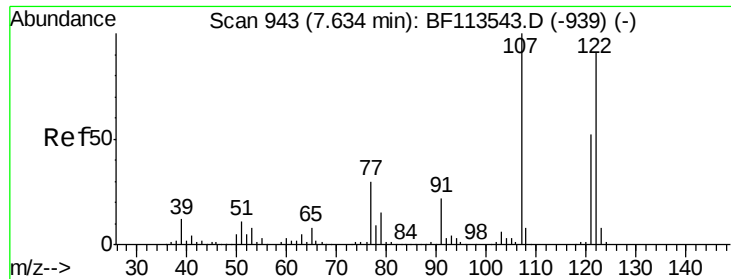
Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	139	Resp:	39858
Ion Ratio		Lower	Upper
139	100		
109	25.2	21.7	32.5
65	48.1	41.6	62.4





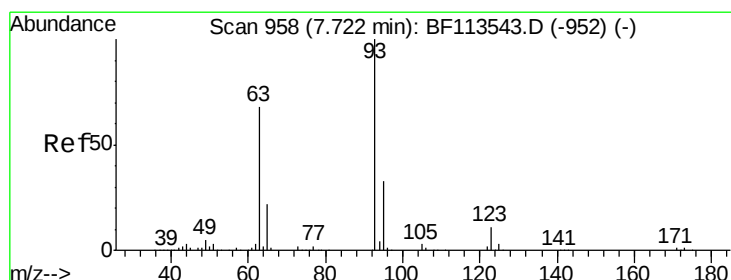
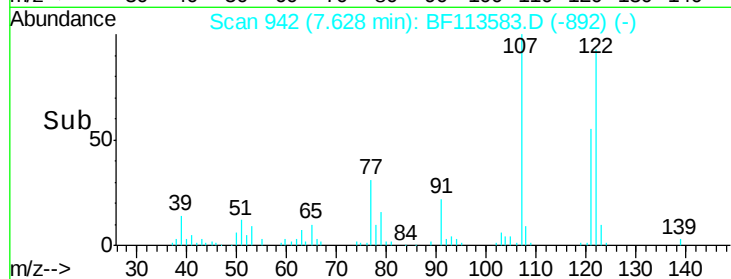
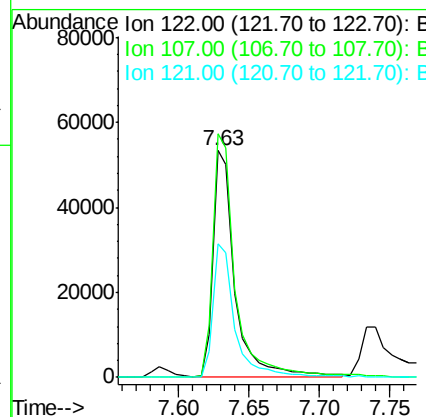
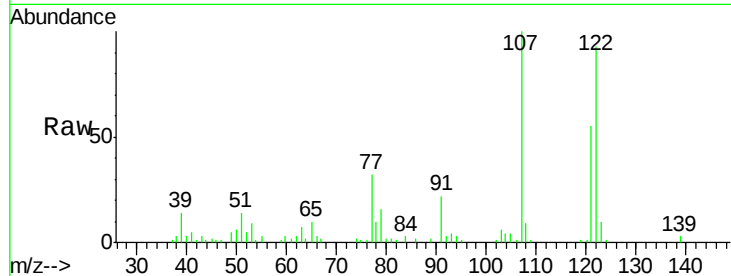
#27
 2,4-Dimethylphenol
 Concen: 8.190 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58332		
107	107.5	88.8	133.2	
121	58.7	45.5	68.3	

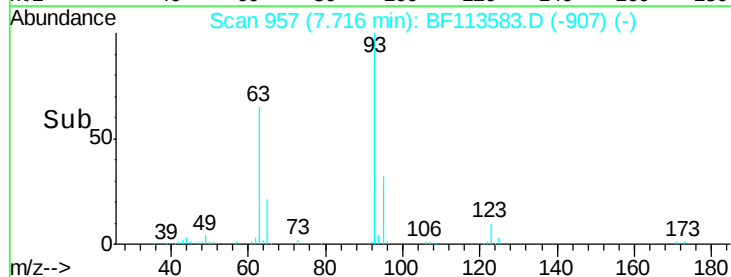
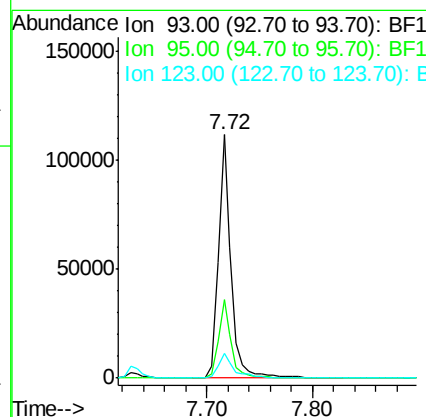
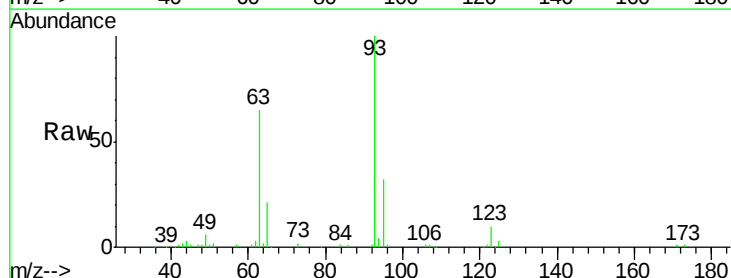
Manual Integrations
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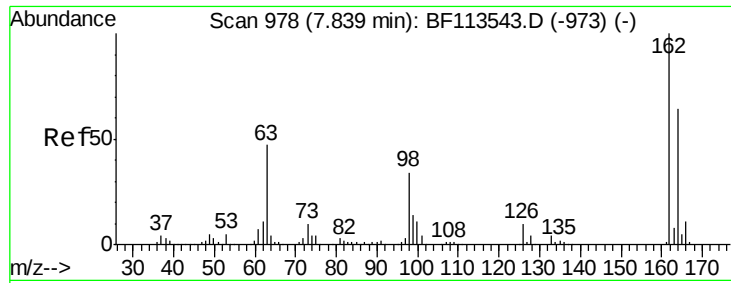
Sohil
 4/6/2019 12:38:34 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.627 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	94443		
95	32.4	26.0	39.0	
123	10.4	9.1	13.7	





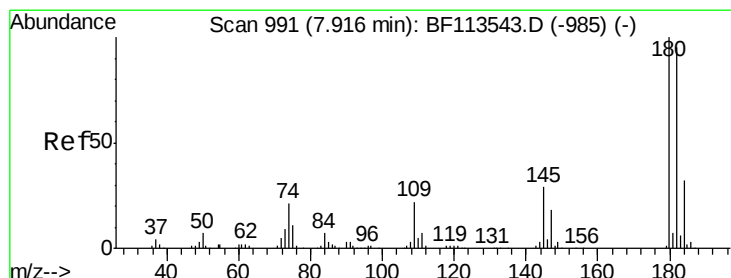
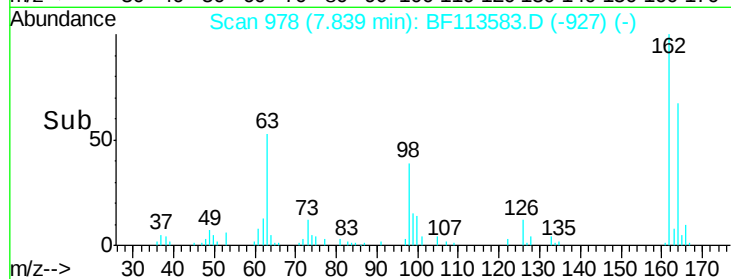
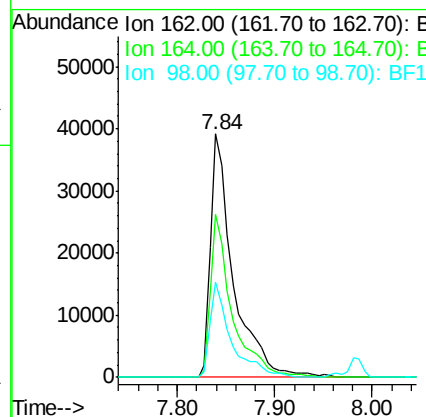
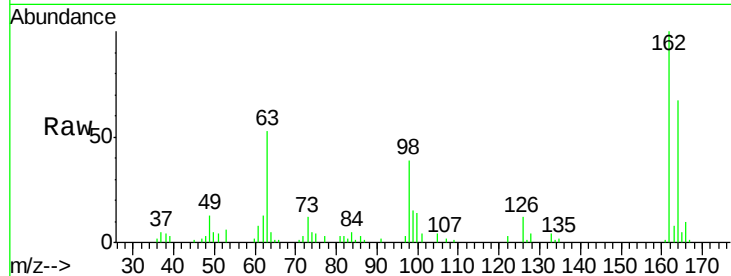
#29
 2,4-Dichlorophenol
 Concen: 8.385 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	162	Resp:	63897
Ion Ratio	Lower	Upper	
162	100		
164	66.9	44.6	84.6
98	39.0	15.6	55.6

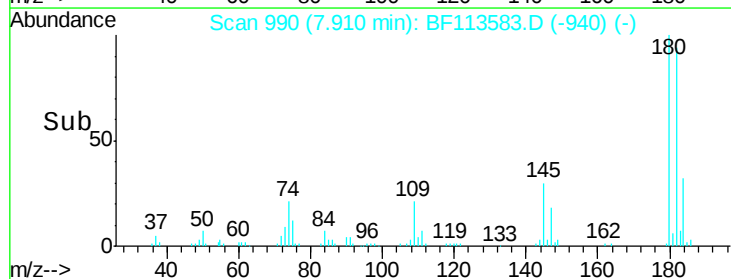
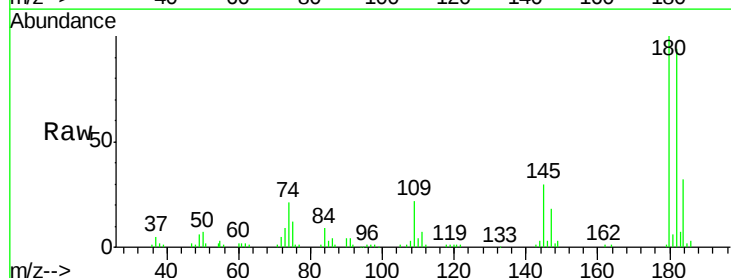
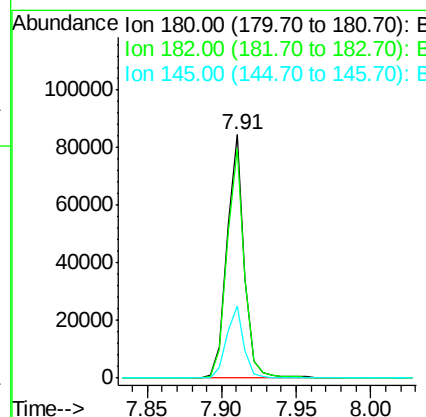
Manual Integrations
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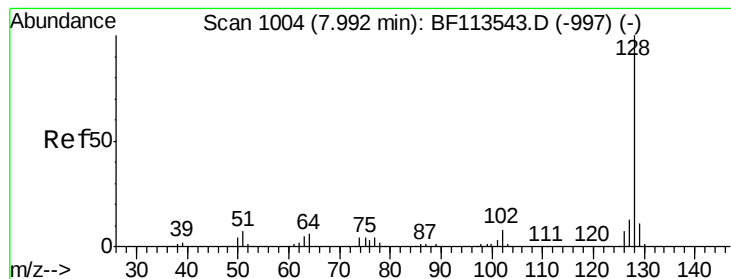
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 8.369 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:	180	Resp:	69260
Ion Ratio	Lower	Upper	
180	100		
182	94.3	74.6	111.8
145	29.8	23.4	35.0





#31

Naphthalene

Concen: 9.023 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

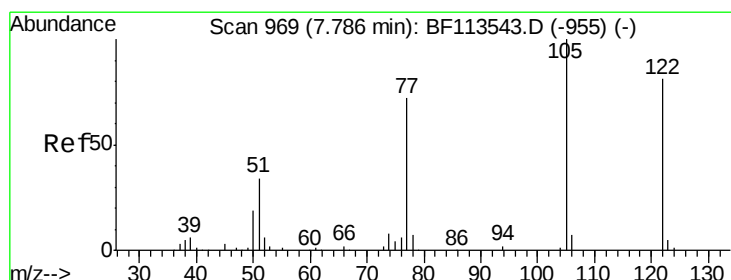
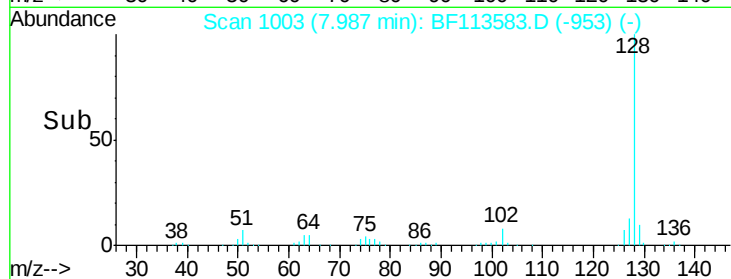
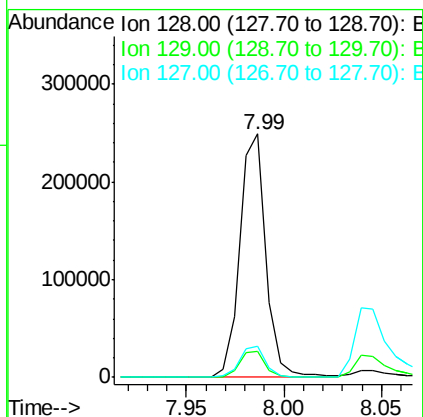
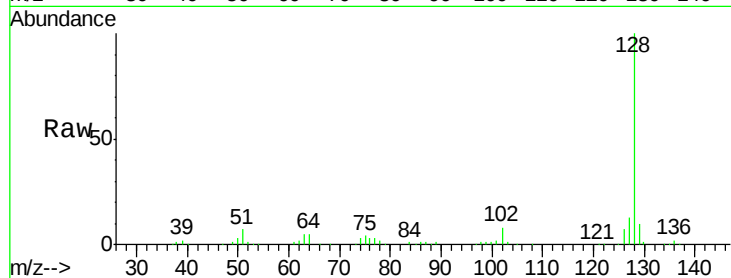
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	128	Resp:	230175
Ion Ratio		Lower	Upper
128	100		
129	10.5	9.3	13.9
127	12.8	10.9	16.3

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#32

Benzoic acid

Concen: 4.372 ng

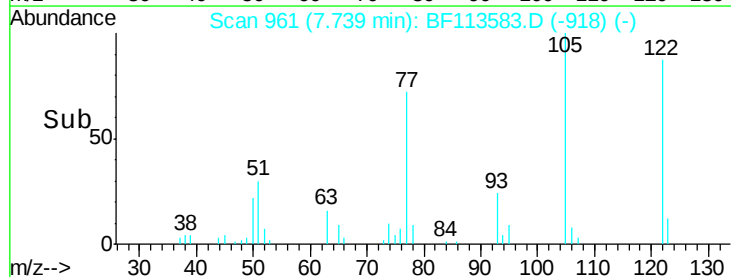
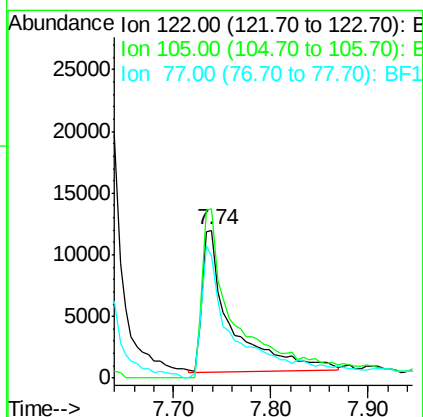
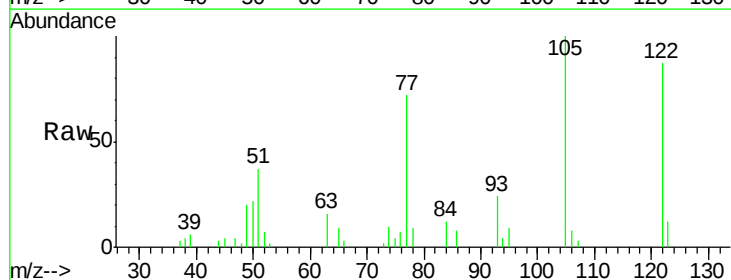
RT: 7.74 min Scan# 961

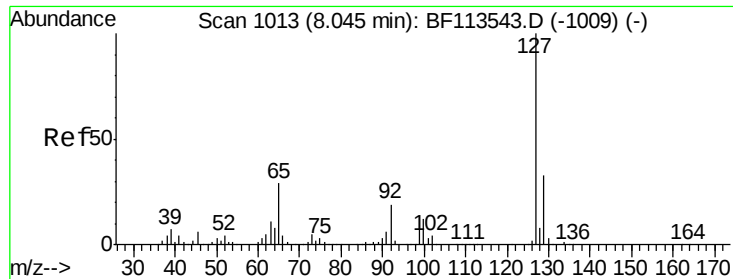
Delta R.T. -0.05 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	122	Resp:	24110
Ion Ratio		Lower	Upper
122	100		
105	114.7	100.4	140.4
77	82.3	69.0	109.0





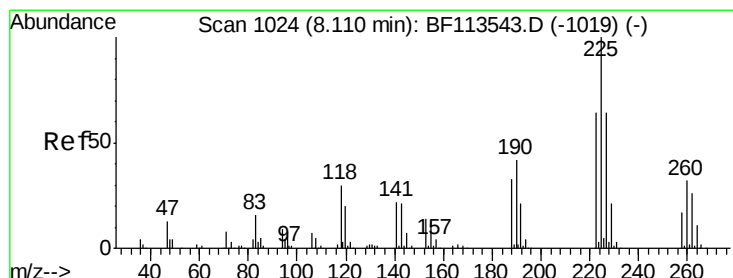
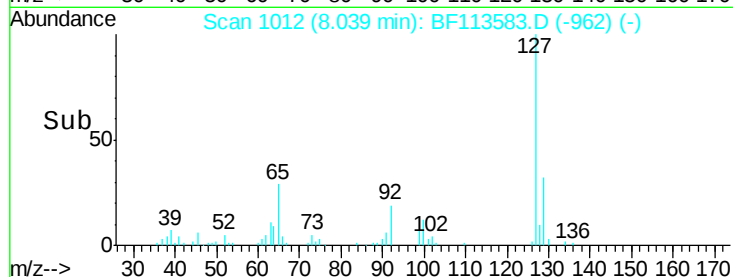
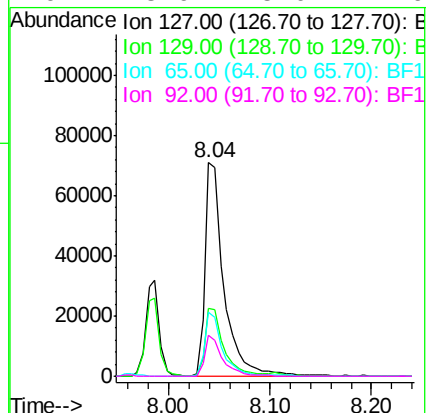
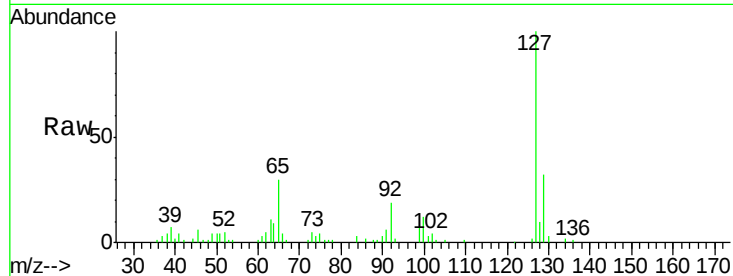
#33
4-Chloroaniline
Concen: 9.131 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	30.1	24.2	36.4
92	18.9	15.0	22.6

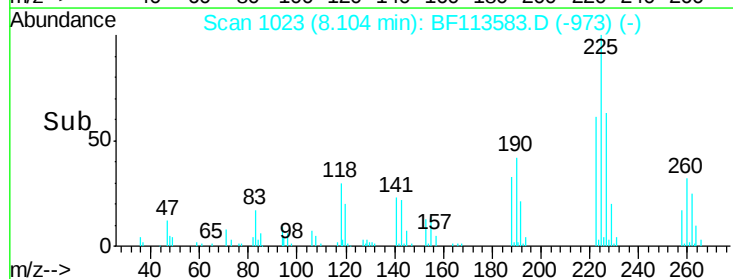
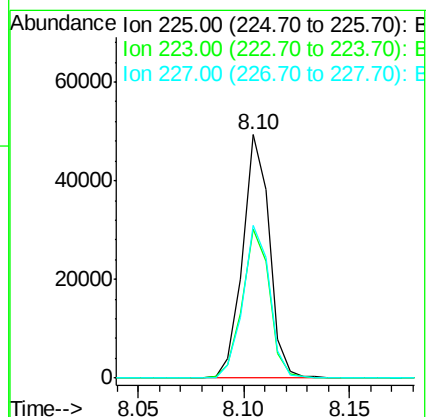
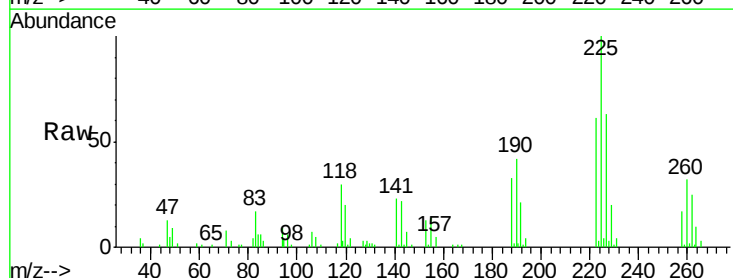
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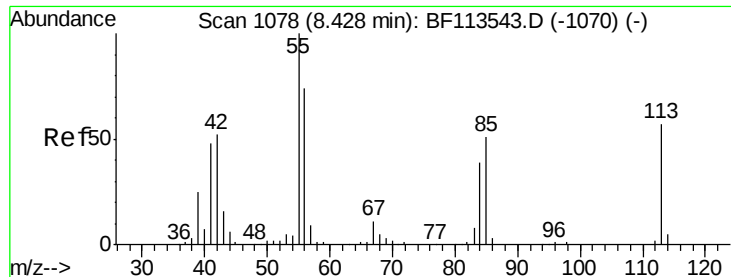
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#34
Hexachlorobutadiene
Concen: 8.513 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.4	77.2
227	65.2	51.1	76.7





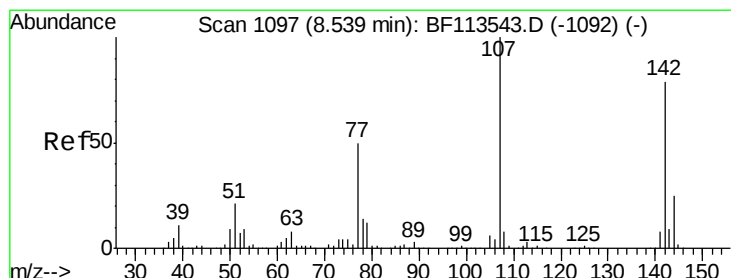
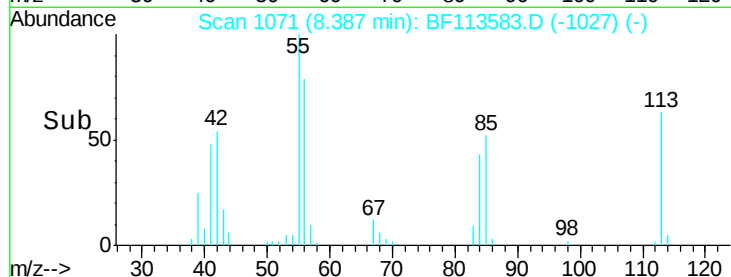
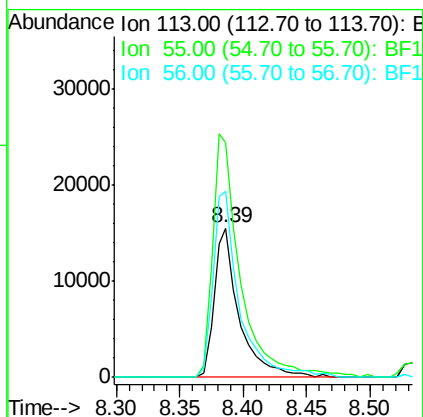
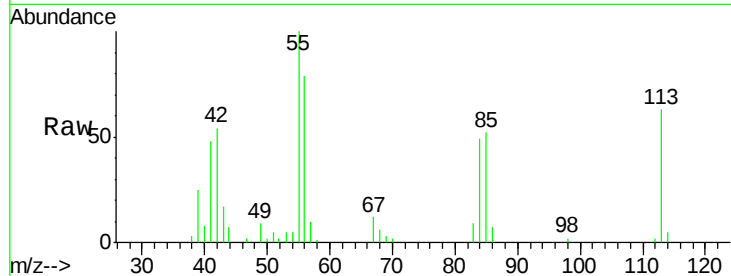
#35
 Caprolactam
 Concen: 8.846 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:113 Resp: 21398
 Ion Ratio Lower Upper
 113 100
 55 157.6 152.7 192.7
 56 125.3 108.3 148.3

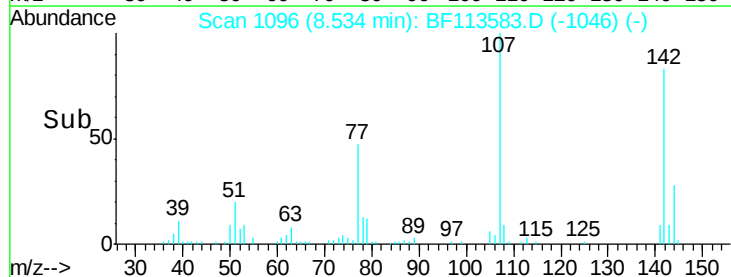
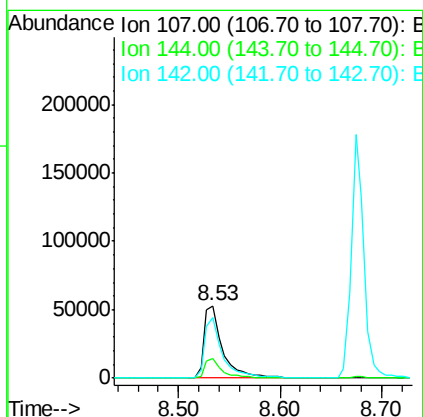
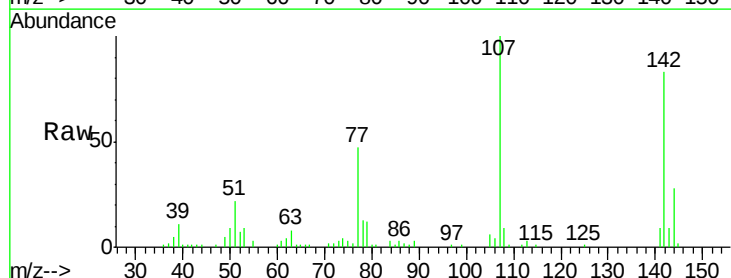
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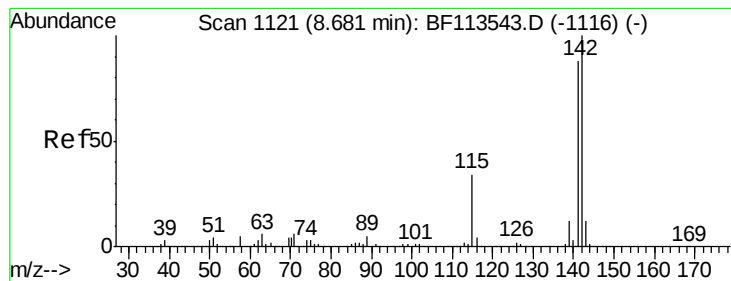
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#36
 4-Chloro-3-methylphenol
 Concen: 8.803 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:107 Resp: 67339
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.4 32.0
 142 83.4 65.6 98.4





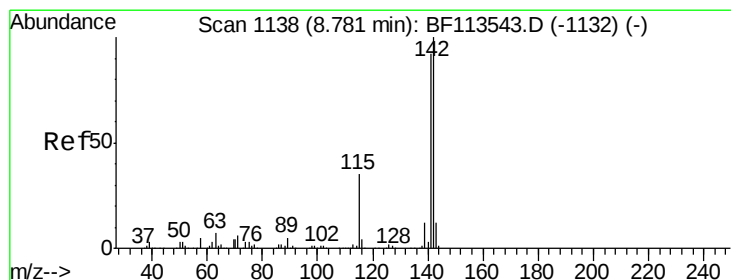
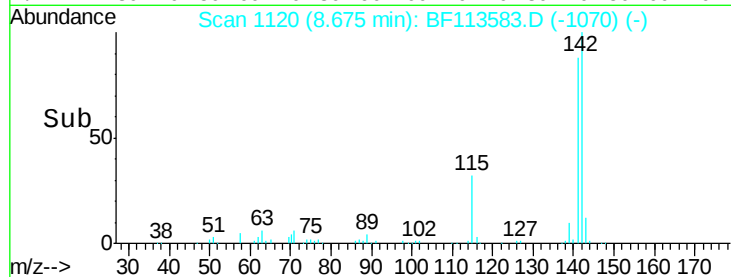
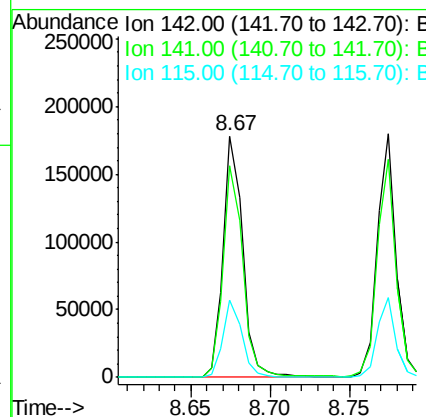
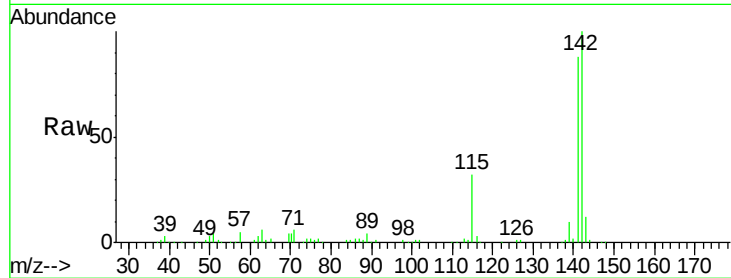
#37
2-Methylnaphthalene
Concen: 9.193 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	154248		
141	87.9	71.0	106.6	
115	32.1	26.6	39.8	

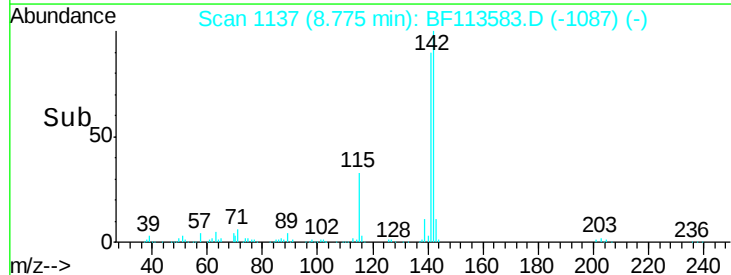
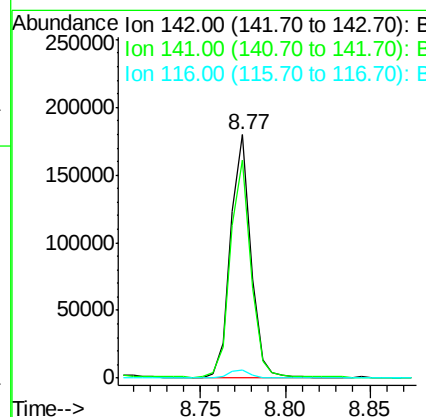
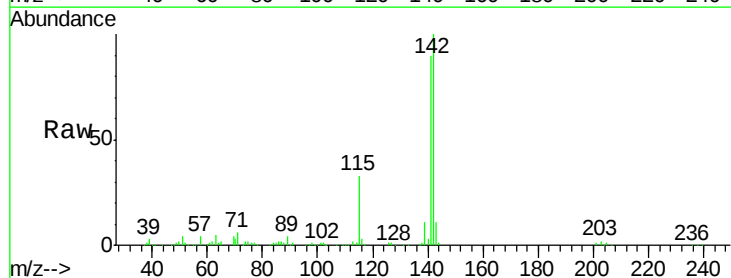
Manual Integrations
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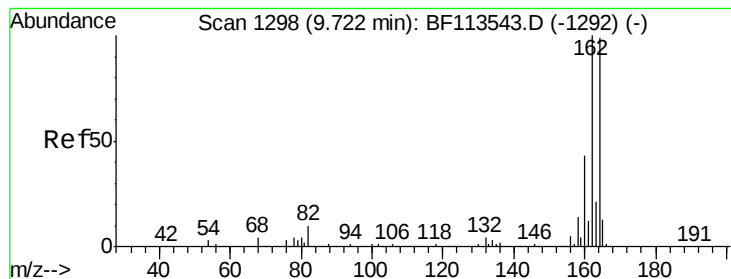
Sohil
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#38
1-Methylnaphthalene
Concen: 9.297 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	150410		
141	89.6	73.2	109.8	
116	3.4	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113583.D

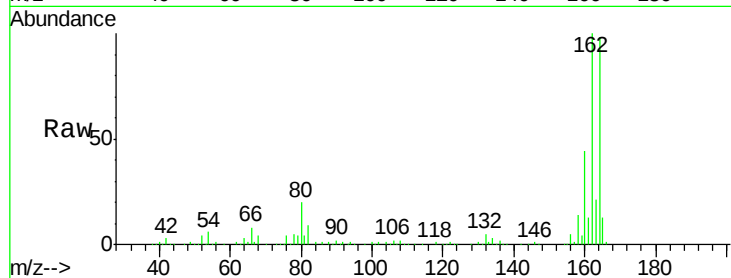
Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019



Tgt Ion:164 Resp: 270557

Ion Ratio Lower Upper

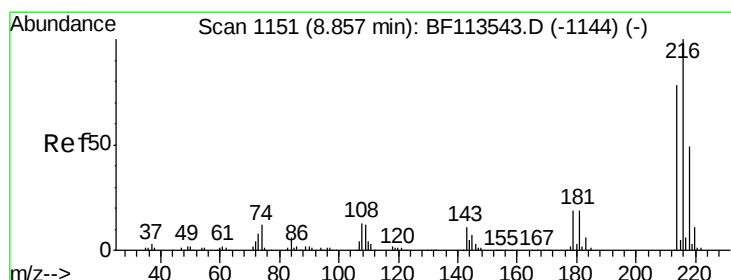
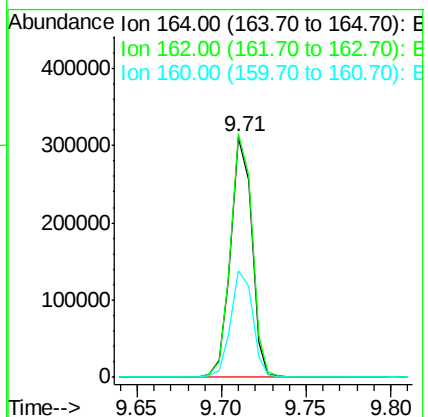
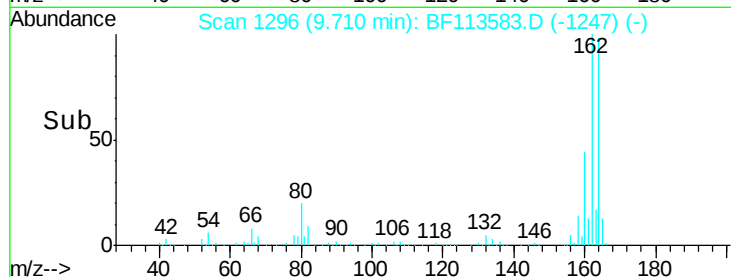
164 100

162 101.5 81.8 122.6

160 44.7 36.4 54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.381 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:216 Resp: 73337

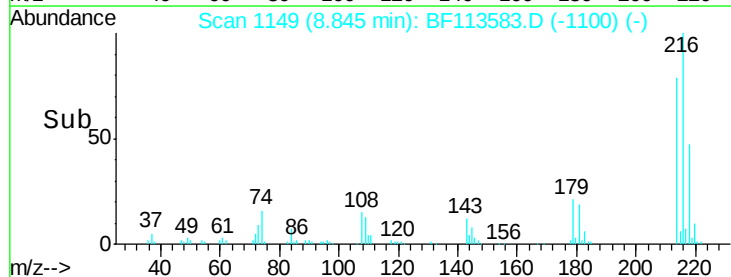
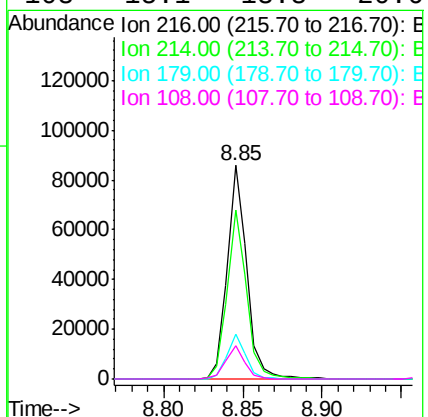
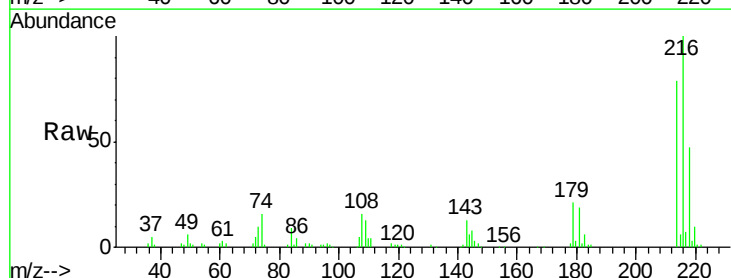
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.0 16.8 25.2

108 15.1 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 14.338 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

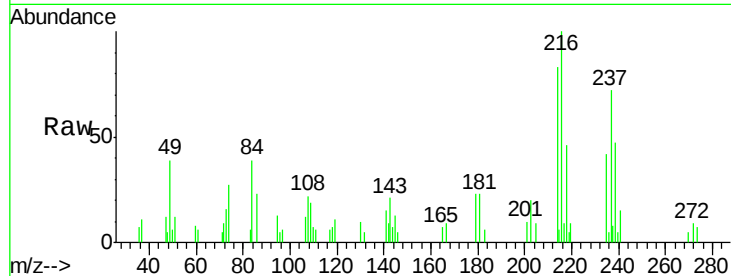
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

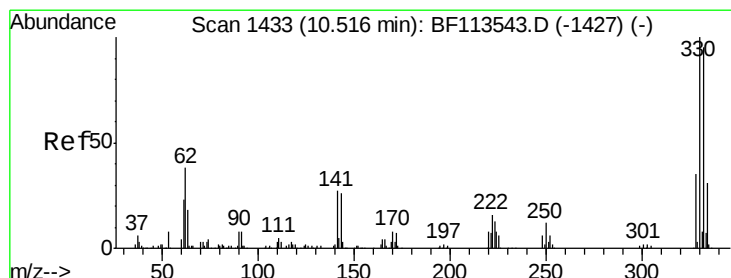
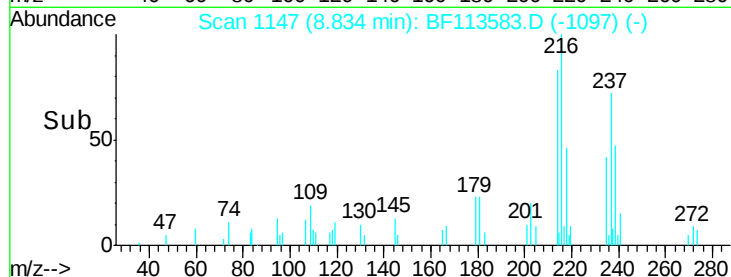
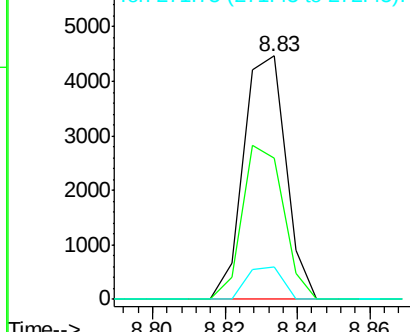
Tgt Ion:	237	Resp:	3615
Ion Ratio	Lower	Upper	
237	100		
235	58.0	43.4	83.4
272	13.2	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 135.902 ng

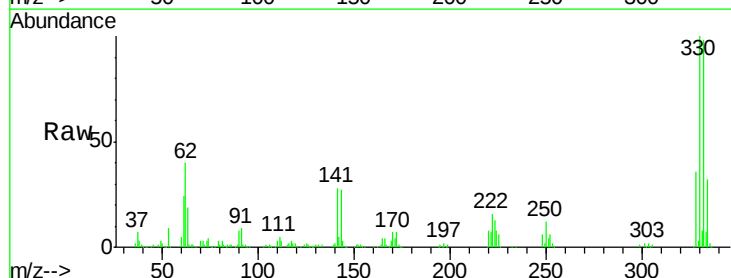
RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

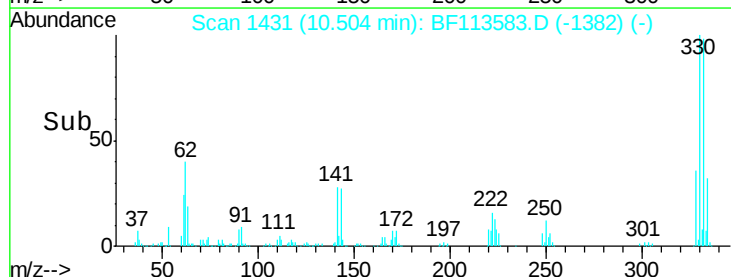
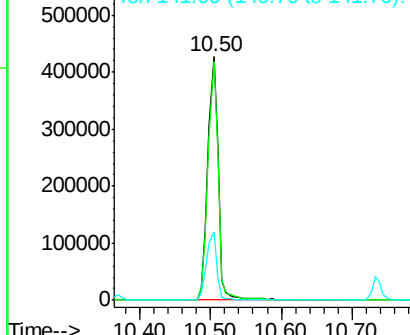
Lab File: BF113583.D

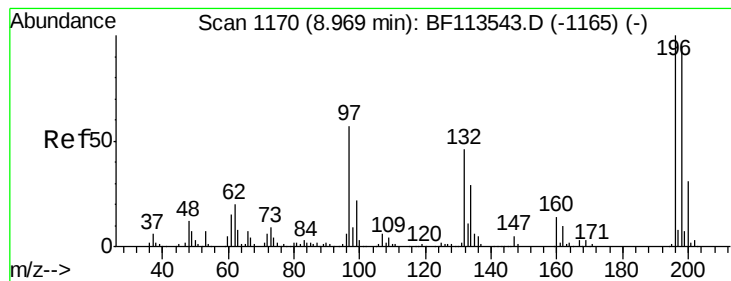
Acq: 4 Apr 2019 15:06

Tgt Ion:	330	Resp:	441687
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.8	116.6
141	27.4	22.7	34.1



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





#43

2,4,6-Trichlorophenol

Concen: 7.881 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

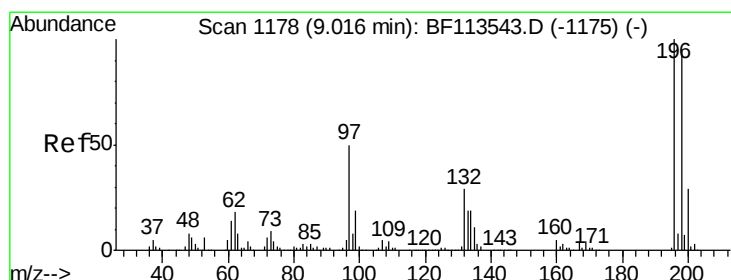
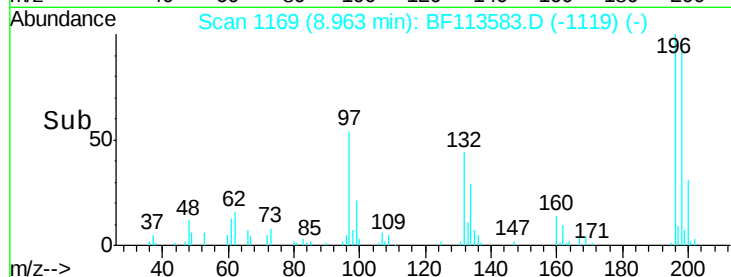
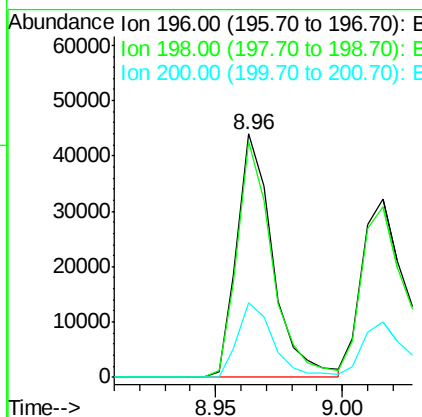
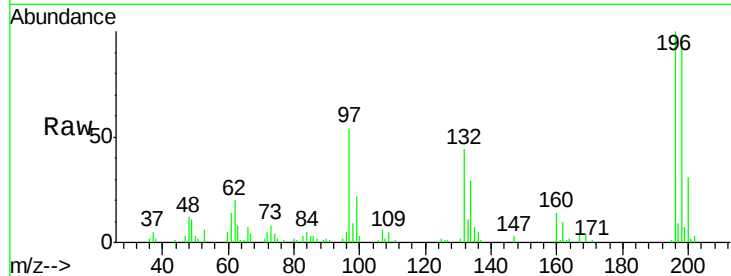
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	196	Resp:	43531
Ion Ratio	Lower	Upper	
196	100		
198	96.8	77.7	116.5
200	30.8	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 7.865 ng

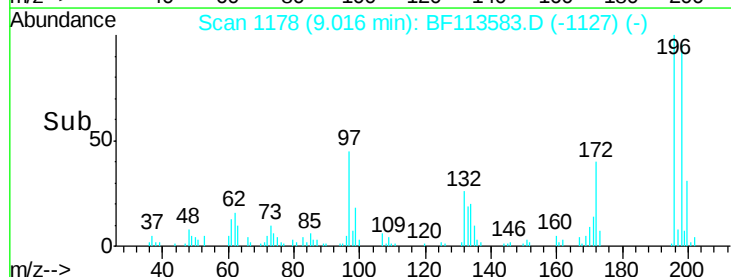
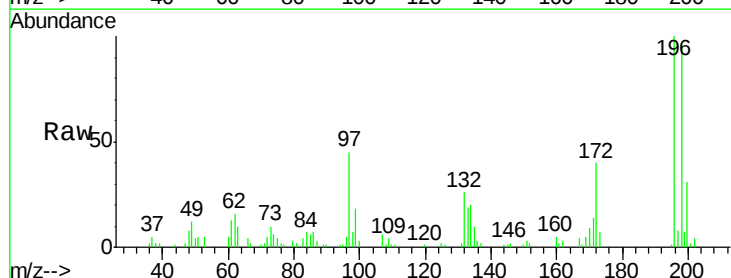
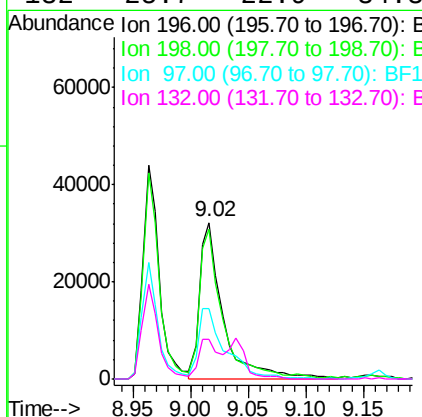
RT: 9.02 min Scan# 1178

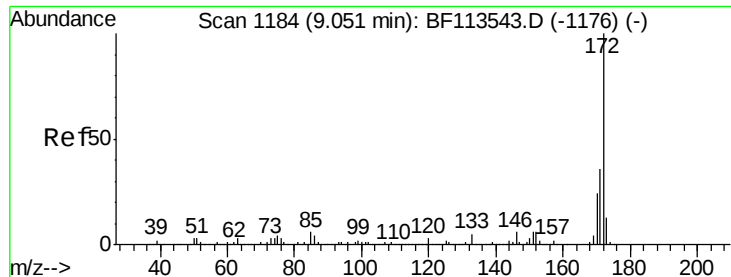
Delta R.T. 0.00 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	196	Resp:	46640
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.4	113.2
97	45.1	38.6	58.0
132	25.7	22.9	34.3





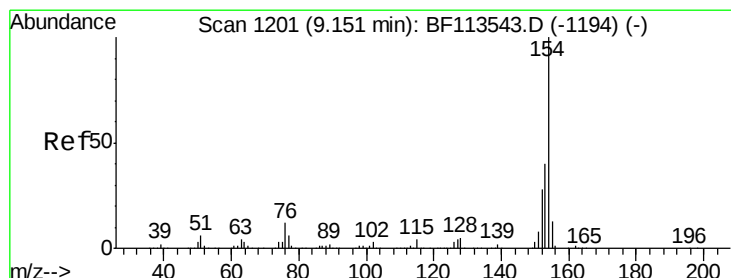
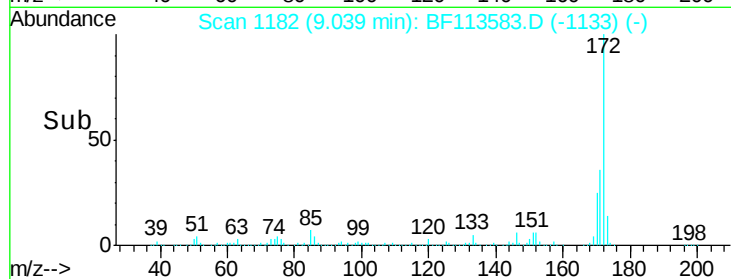
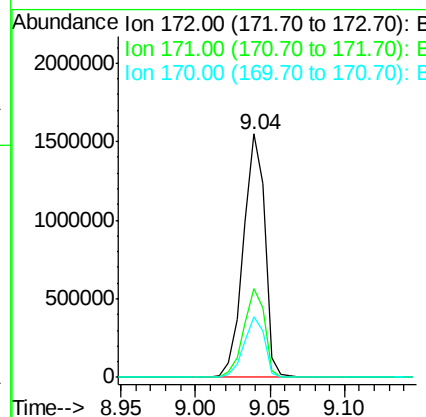
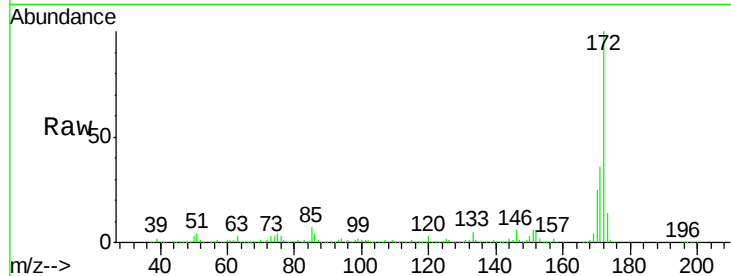
#45
 2-Fluorobiphenyl
 Concen: 92.453 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	19.5	29.3

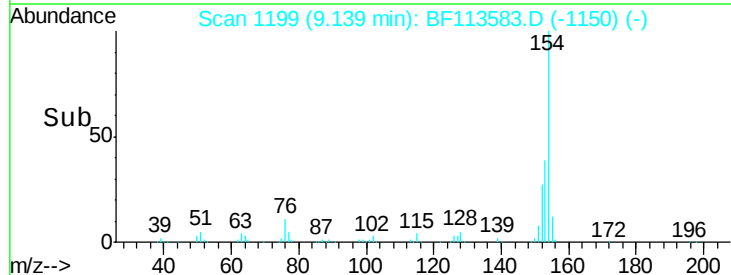
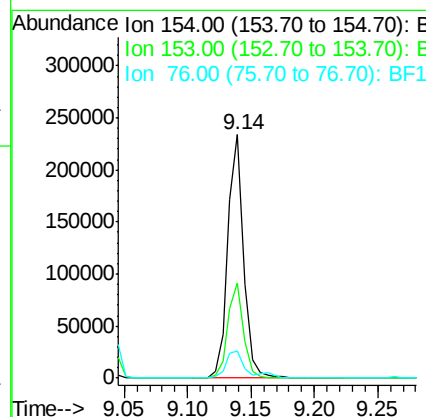
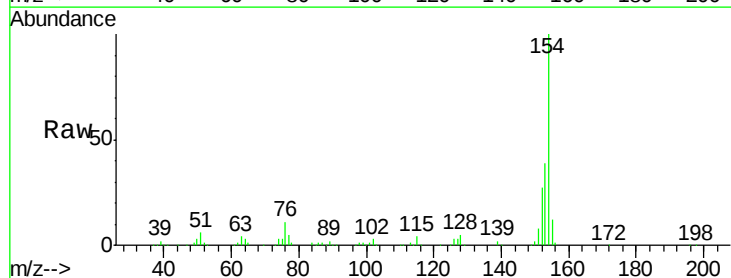
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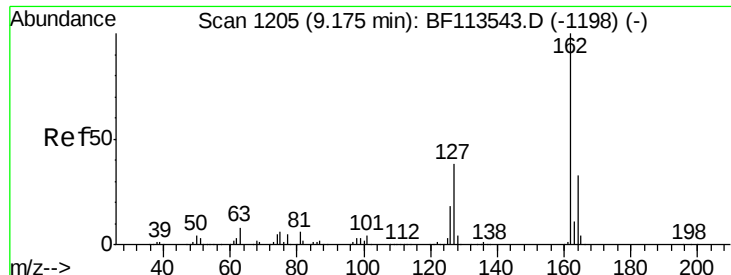
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#46
 1,1'-Biphenyl
 Concen: 9.106 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.8	60.8
76	11.1	0.0	31.9





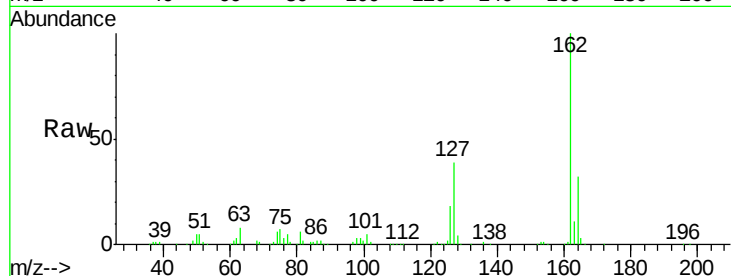
#47
2-Chloronaphthalene
Concen: 8.628 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

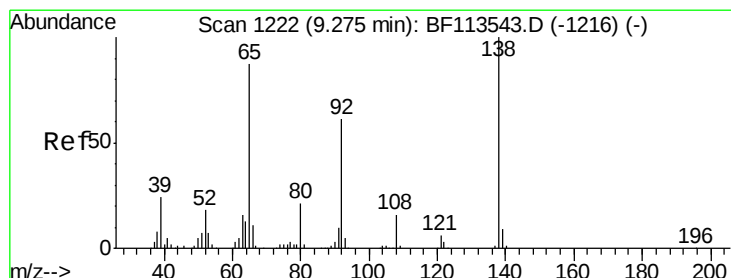
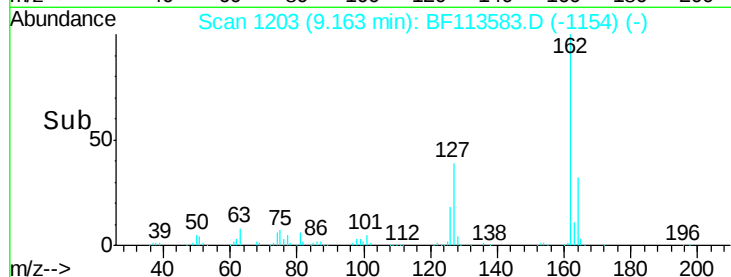
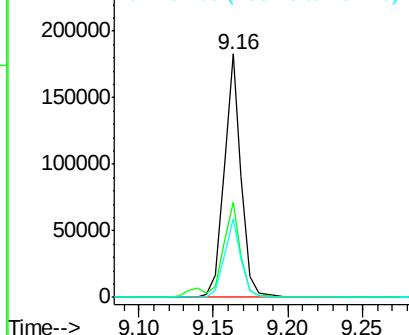
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	145840		
127	38.9	32.6	49.0	
164	32.4	26.6	39.8	

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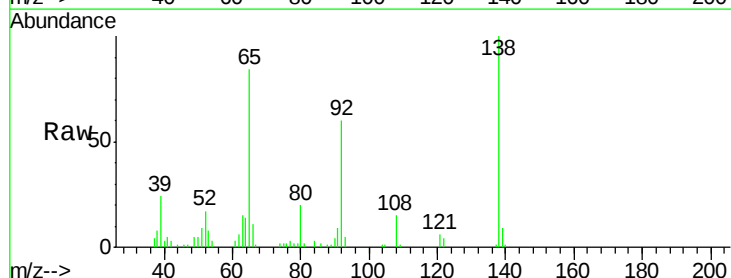


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

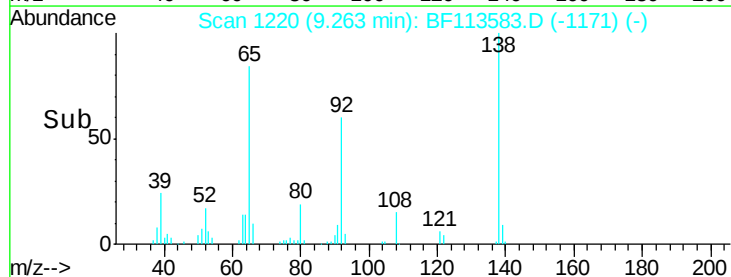
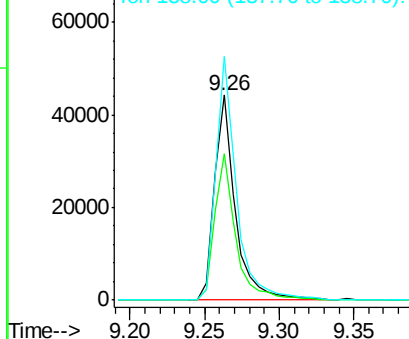


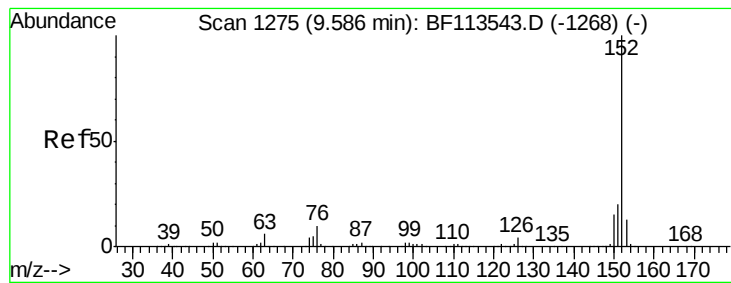
#48
2-Nitroaniline
Concen: 8.319 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	43029		
92	71.3	56.8	85.2	
138	118.8	92.3	138.5	



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





#49

Acenaphthylene

Concen: 9.314 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

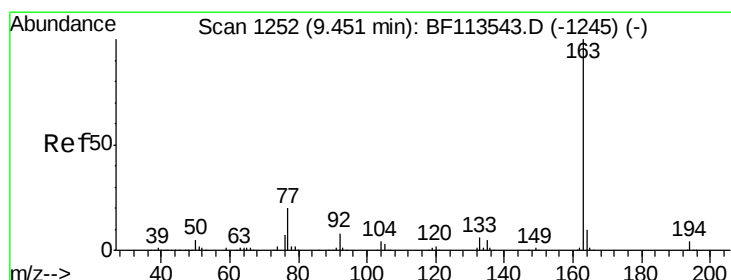
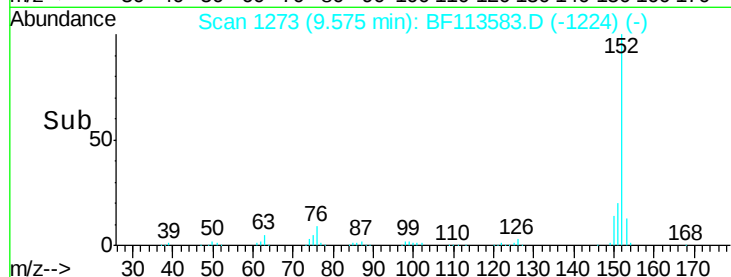
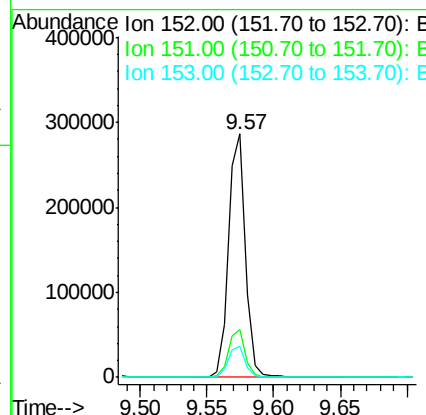
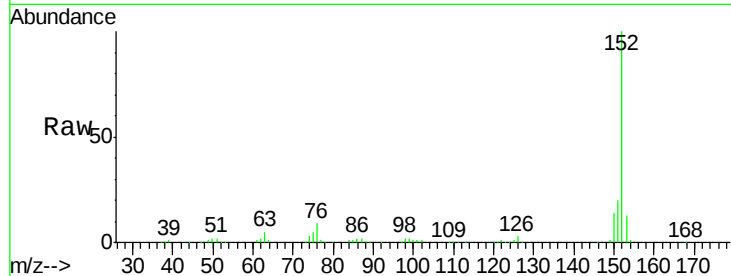
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	152	Resp:	256031
Ion Ratio		Lower	Upper
152	100		
151	19.7	16.2	24.4
153	12.6	11.0	16.6

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#50

Dimethylphthalate

Concen: 8.912 ng

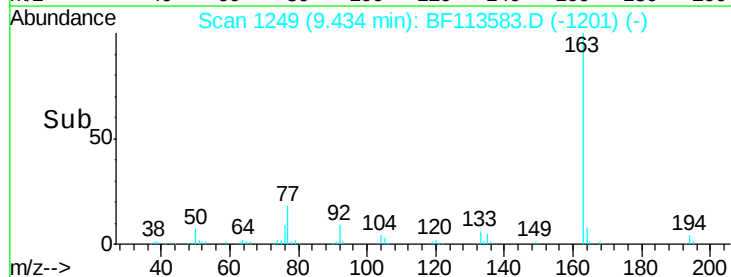
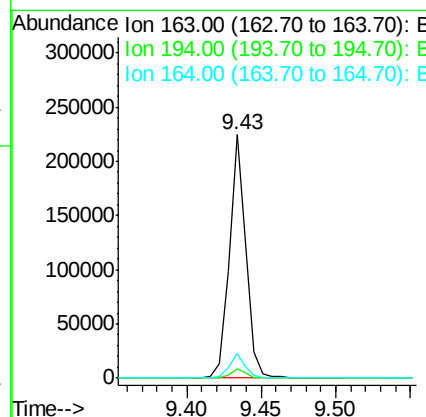
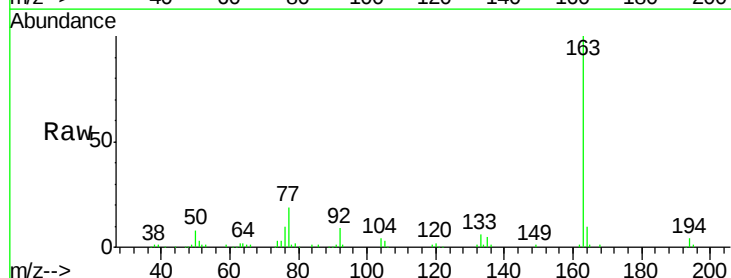
RT: 9.43 min Scan# 1249

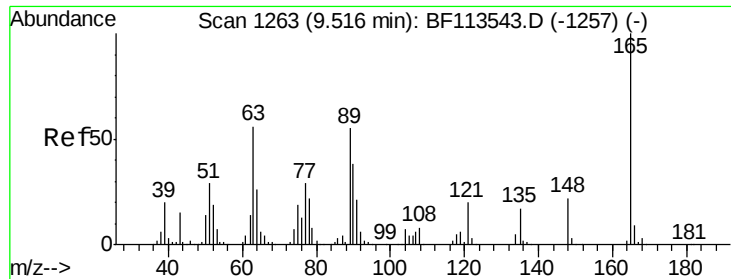
Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	163	Resp:	177744
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.0	8.1	12.1





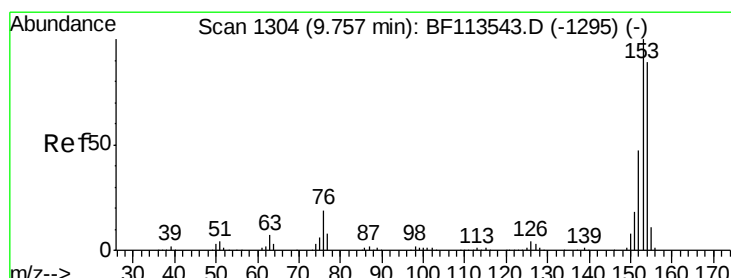
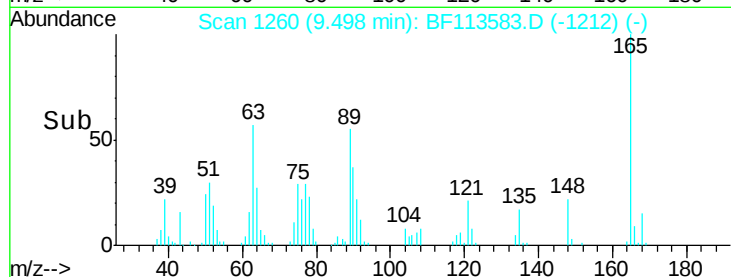
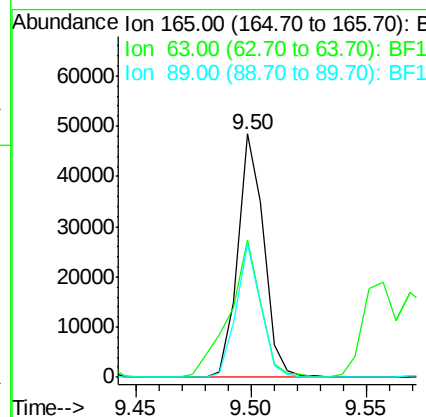
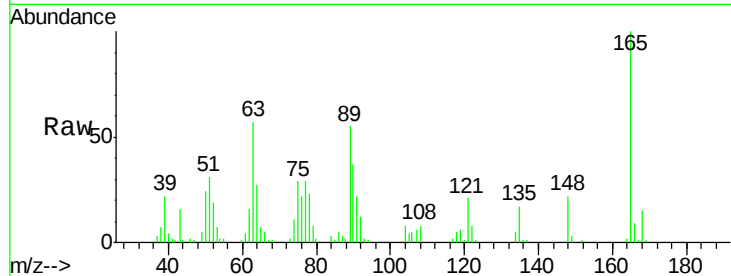
#51
 2,6-Dinitrotoluene
 Concen: 8.681 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38163		
63	56.7	43.4	65.0	
89	55.1	43.1	64.7	

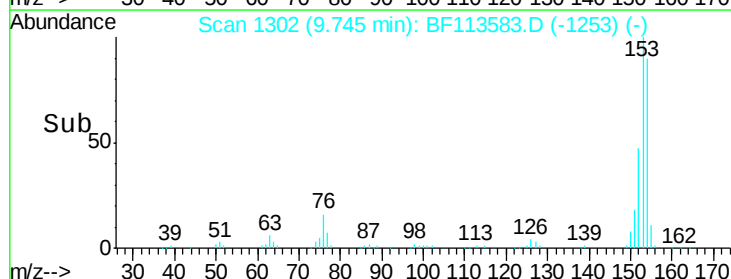
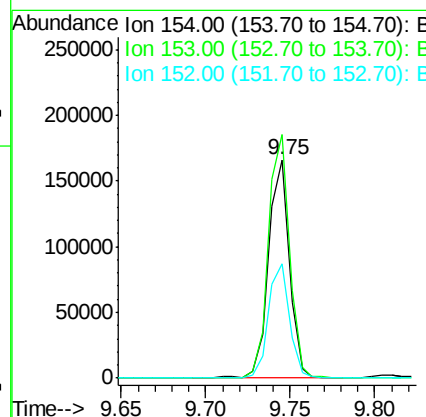
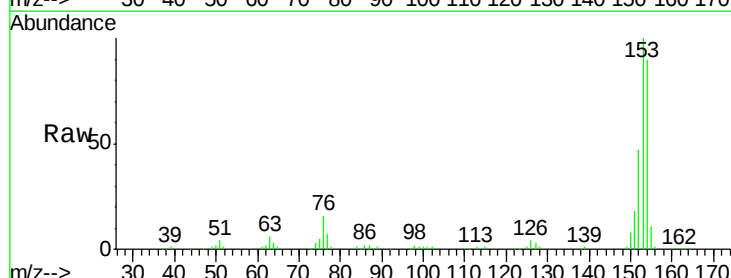
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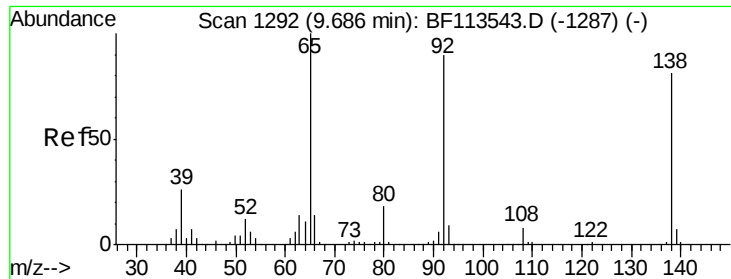
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#52
 Acenaphthene
 Concen: 9.128 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	143630		
153	111.6	89.5	134.3	
152	52.6	43.3	64.9	





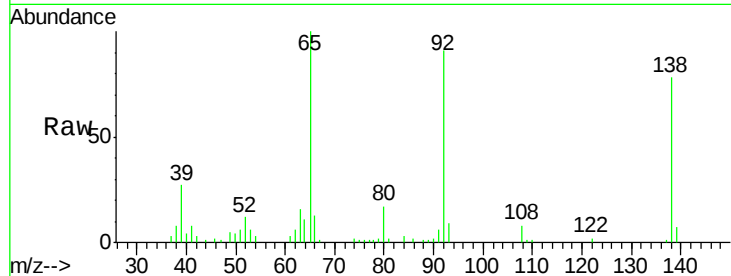
#53
 3-Nitroaniline
 Concen: 8.768 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

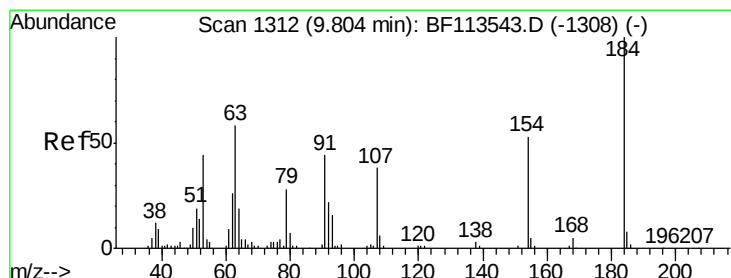
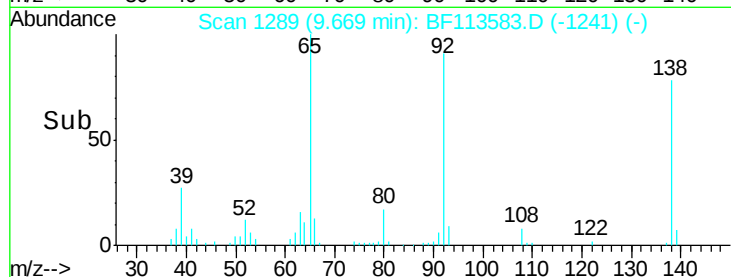
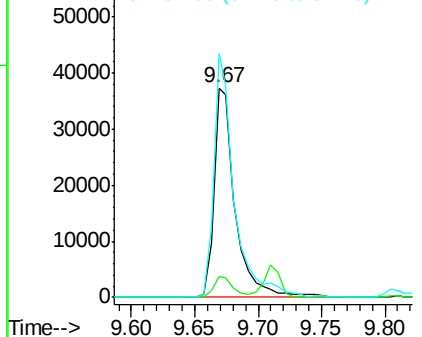
Tgt Ion:138 Resp: 43823
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 116.2 82.6 124.0

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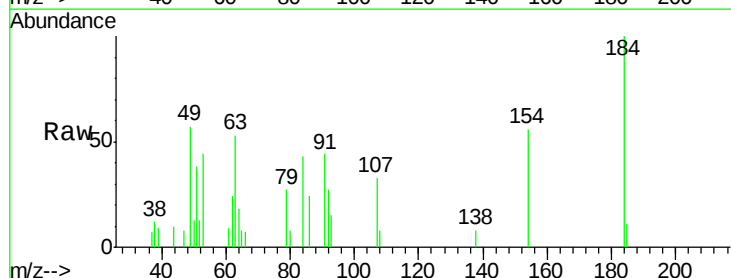


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

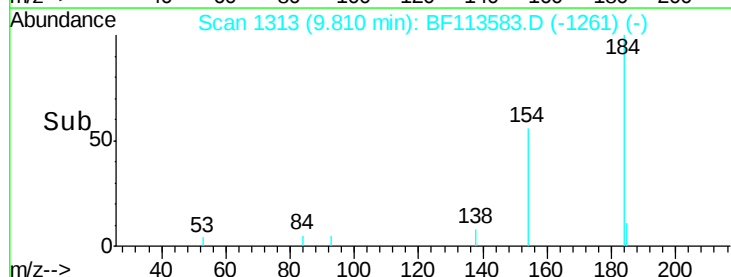
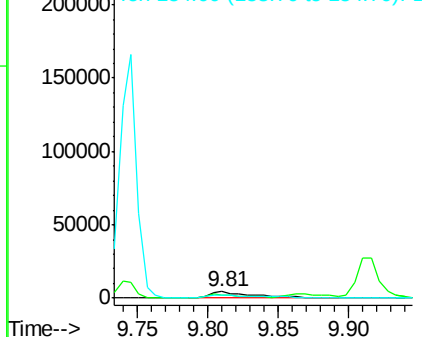


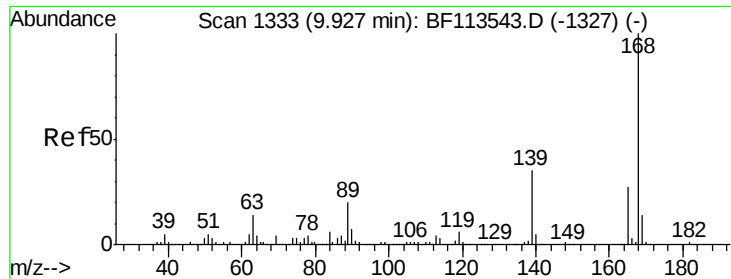
#54
 2,4-Dinitrophenol
 Concen: 4.798 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion:184 Resp: 9868
 Ion Ratio Lower Upper
 184 100
 63 52.8 54.3 81.5#
 154 56.2 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





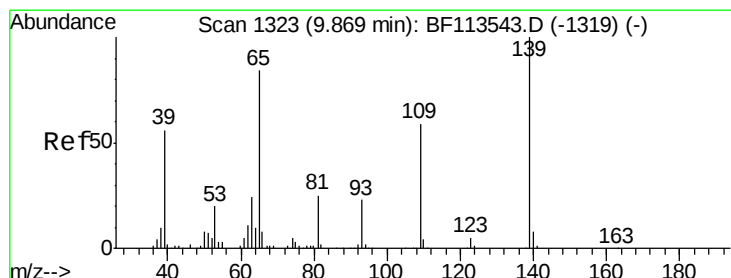
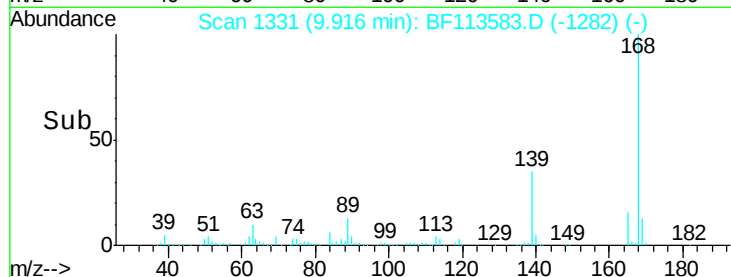
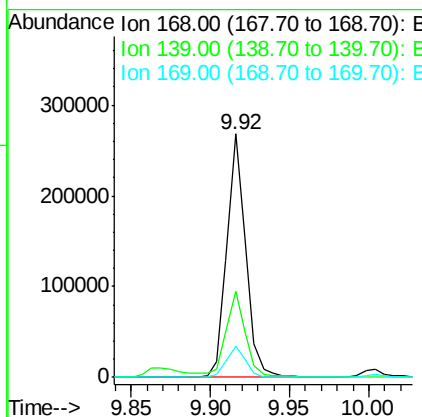
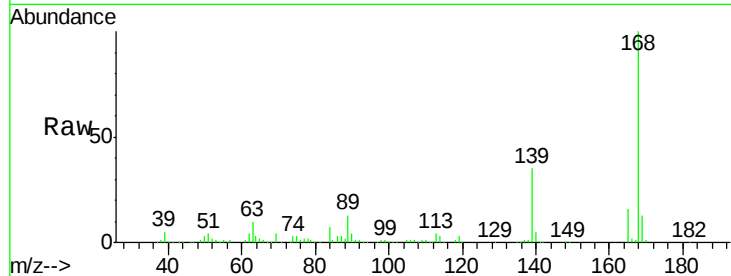
#55
Dibenzenofuran
Concen: 9.646 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	222636		
139	35.3	29.7	44.5	
169	12.8	10.7	16.1	

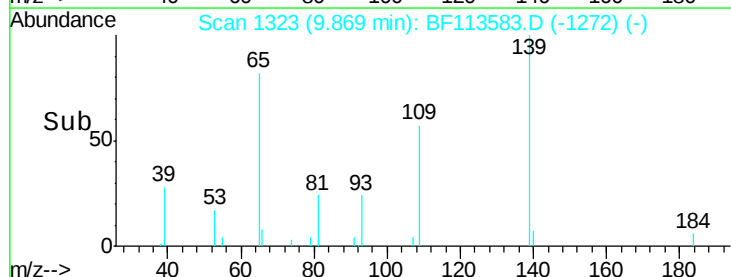
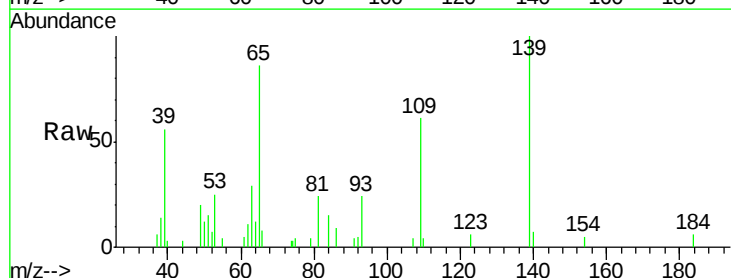
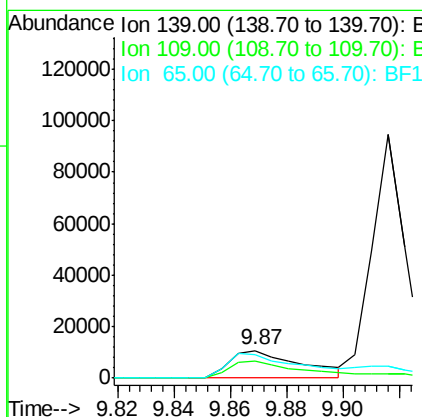
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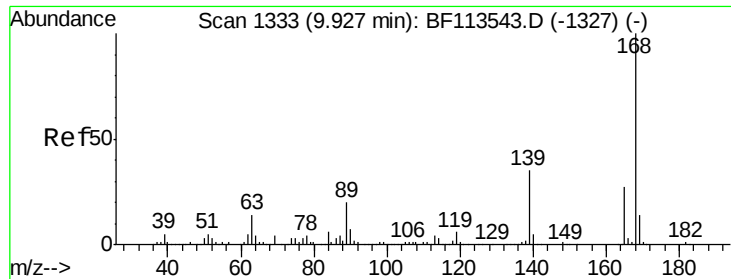
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#56
4-Nitrophenol
Concen: 6.020 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	18665		
109	61.2	46.9	86.9	
65	86.2	77.2	117.2	





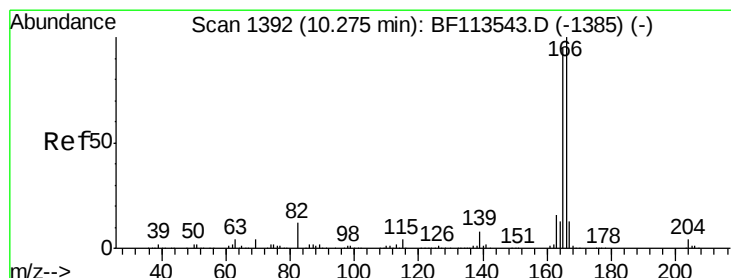
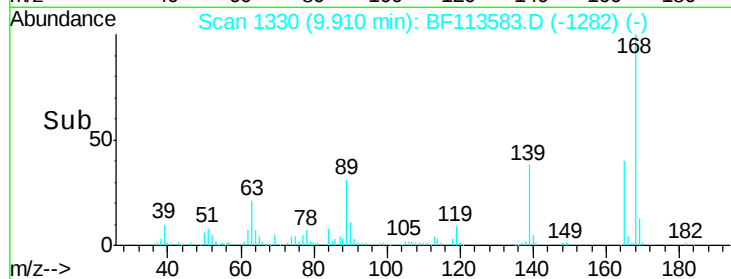
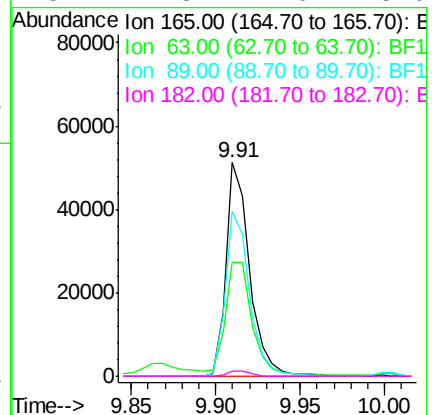
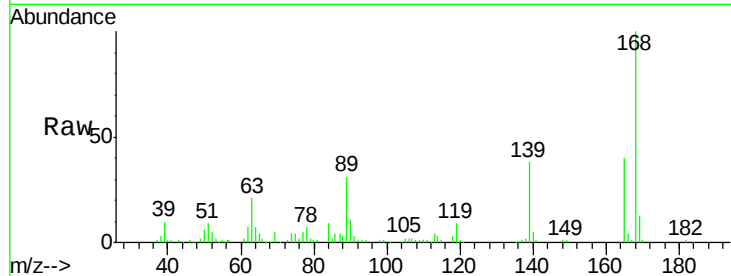
#57
2,4-Dinitrotoluene
Concen: 9.417 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	50069		
63	53.5	37.5	56.3	
89	77.2	57.4	86.2	
182	2.3	2.0	3.0	

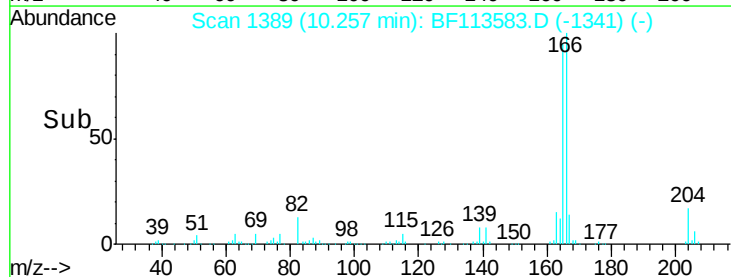
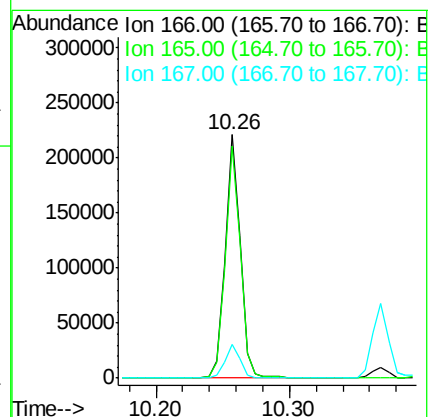
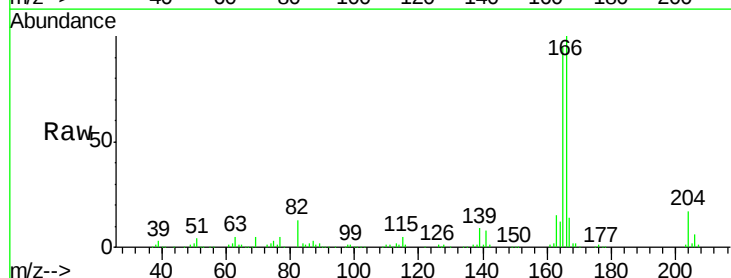
Manual Integrations
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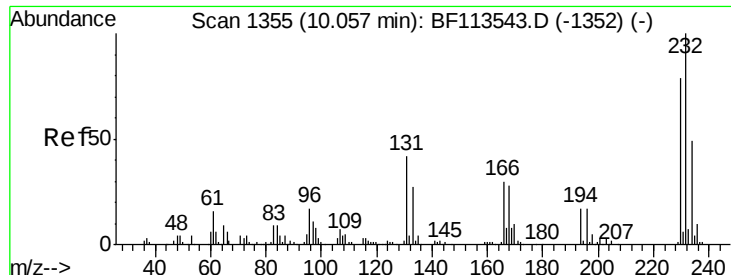
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#58
Fluorene
Concen: 9.758 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	178145		
165	95.3	76.2	114.2	
167	13.6	10.7	16.1	





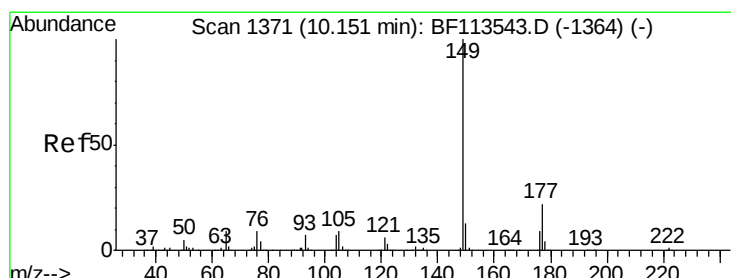
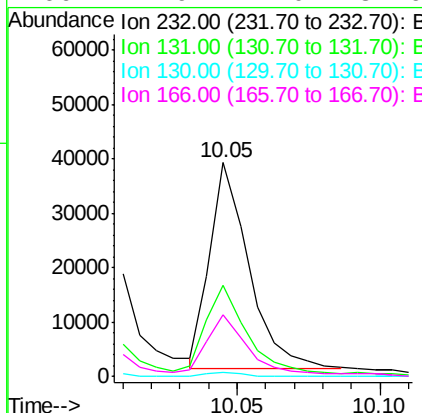
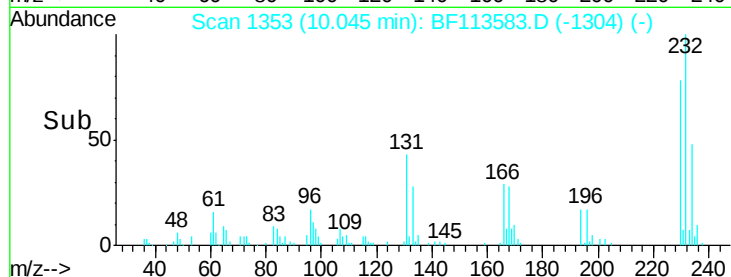
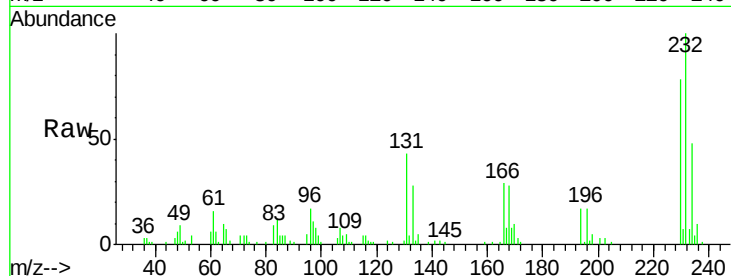
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.029 ng m
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.4	33.2	49.8
130	1.8	1.6	2.4
166	22.9	21.0	31.6

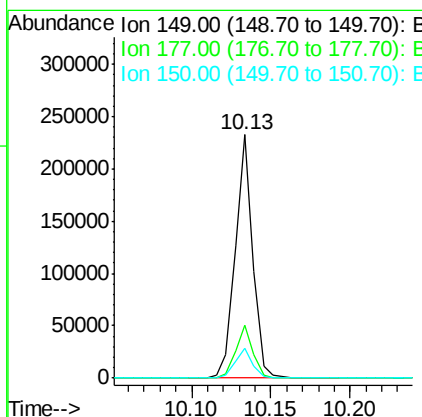
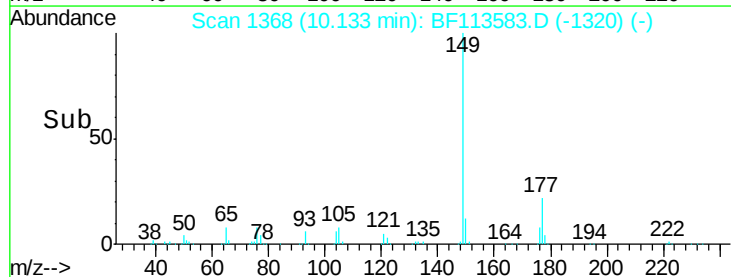
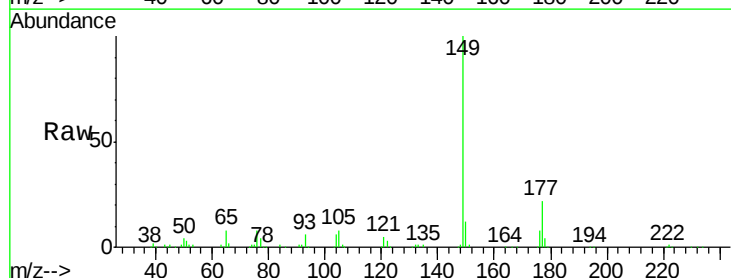
Manual Integrations
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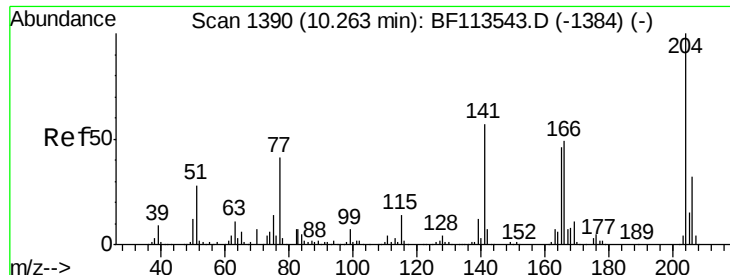
Sohil
 4/6/2019 12:38:34 AM



#60
 Diethylphthalate
 Concen: 9.267 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.0
150	12.1	10.0	15.0





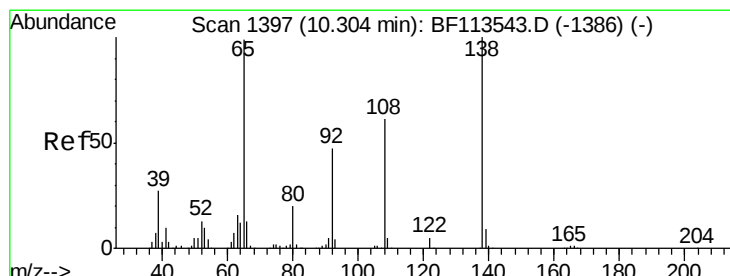
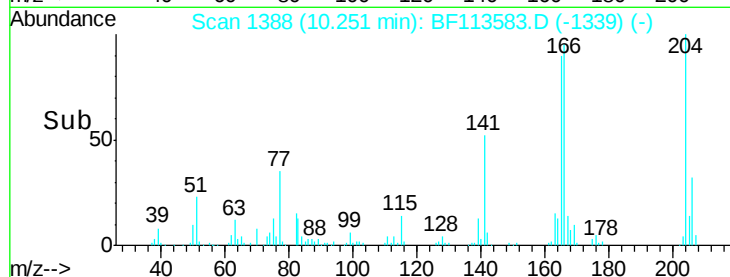
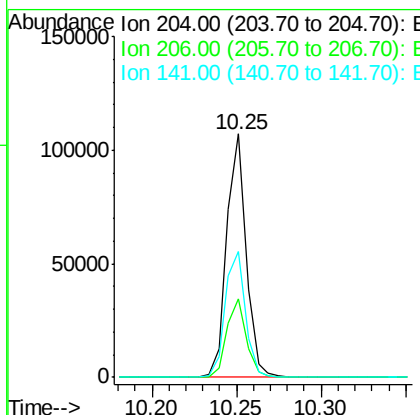
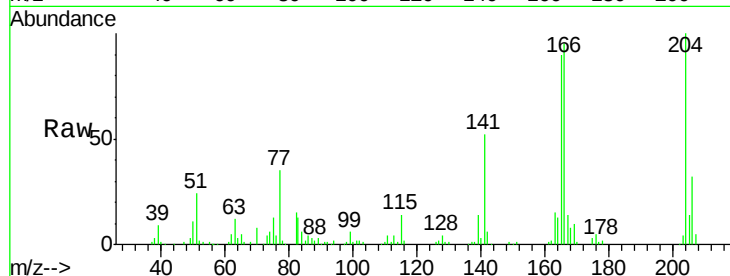
#61
 4-Chlorophenyl-phenylether
 Concen: 9.549 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	85747		
206	32.4		26.9	40.3
141	51.9		48.8	73.2

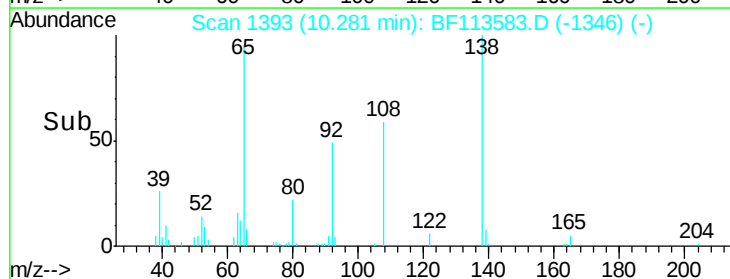
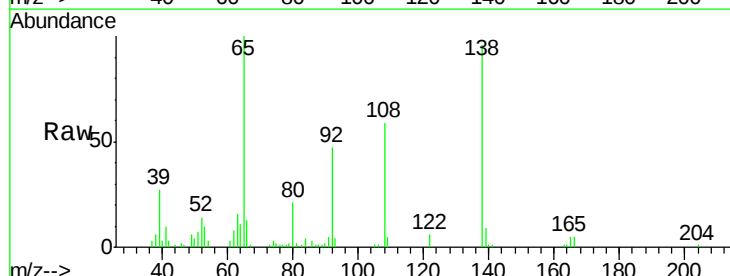
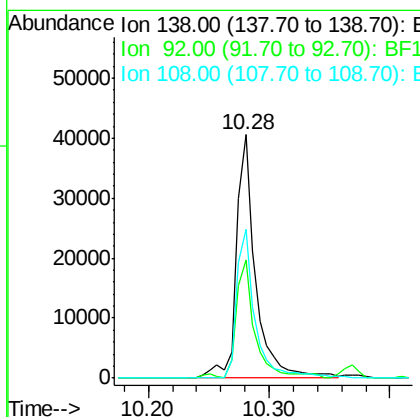
Manual Integrations
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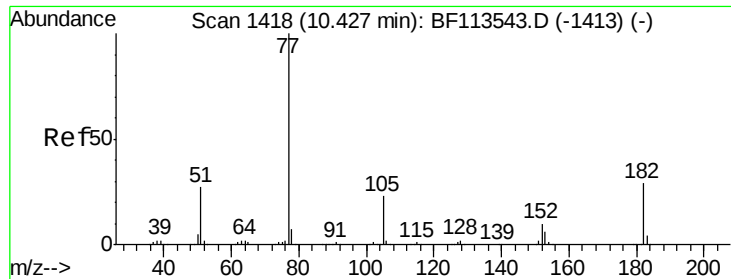
Sohil
 4/6/2019 12:38:34 AM



#62
 4-Nitroaniline
 Concen: 8.952 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	45500		
92	48.5		25.8	65.8
108	61.2		44.0	84.0





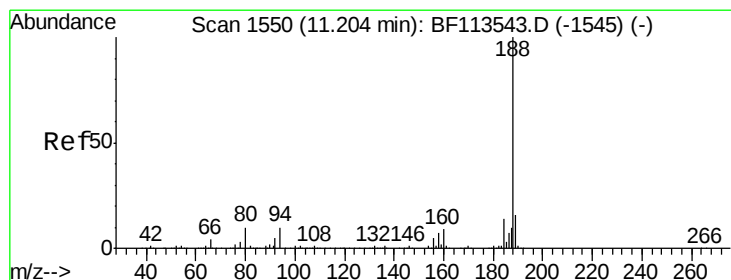
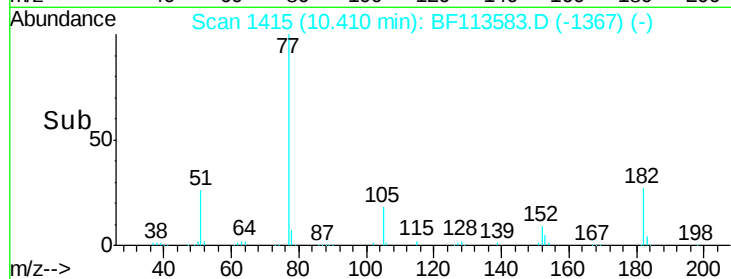
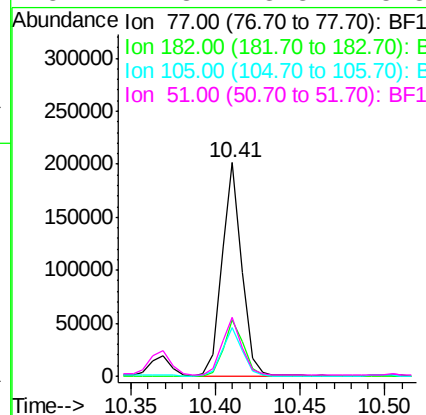
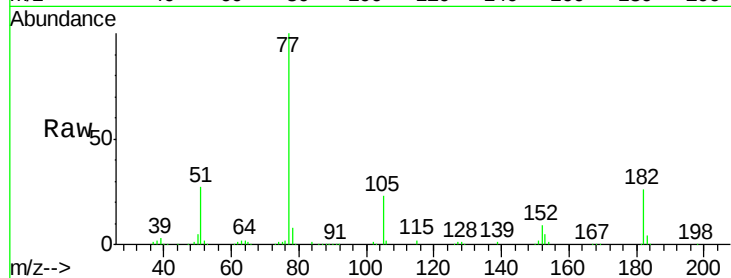
#63
Azobenzene
Concen: 9.154 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	8.7	48.7
105	23.0	2.9	42.9
51	27.3	8.8	48.8

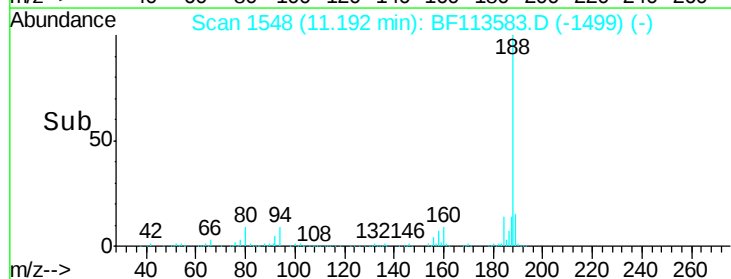
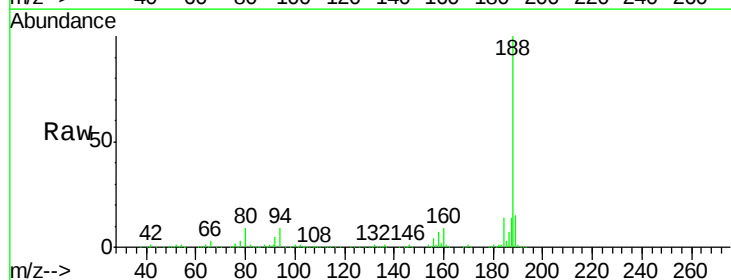
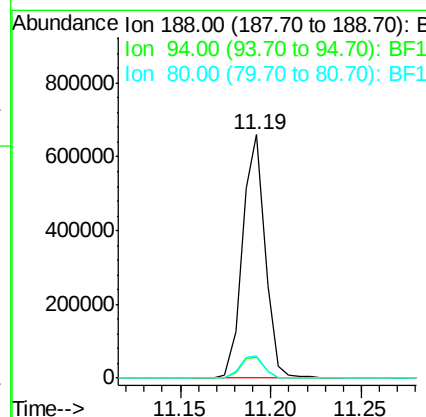
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 5.801 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

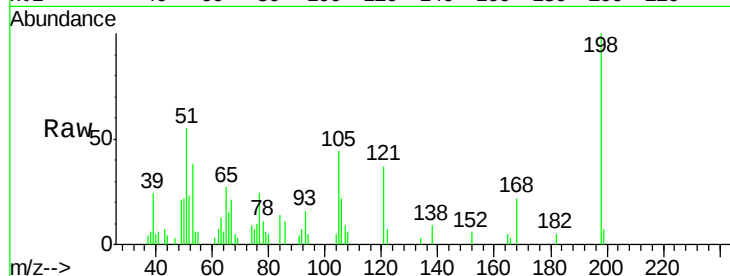
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

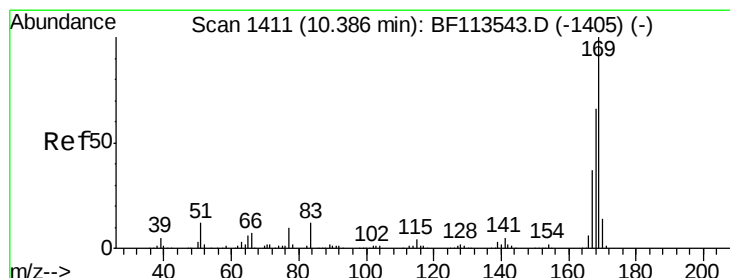
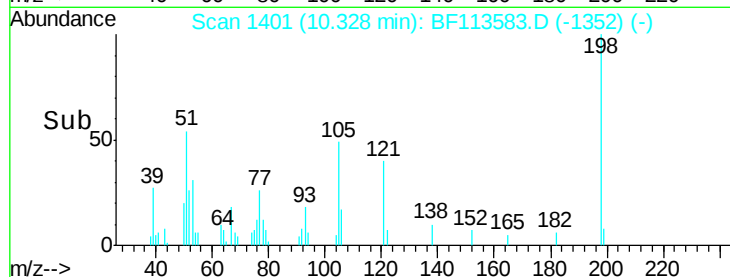
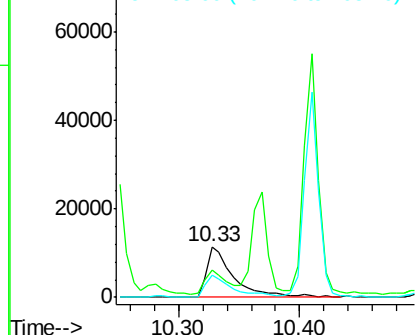
Tgt Ion:	198	Resp:	17445
Ion Ratio	Lower	Upper	
198	100		
51	54.8	21.6	61.6
105	44.5	20.6	60.6

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



#66

n-Nitrosodiphenylamine

Concen: 8.873 ng

RT: 10.37 min Scan# 1408

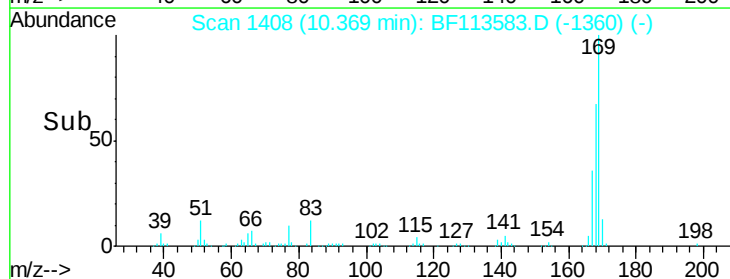
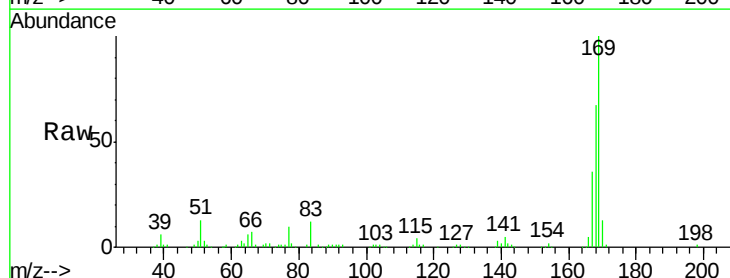
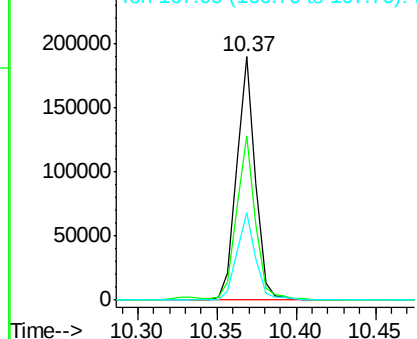
Delta R.T. -0.02 min

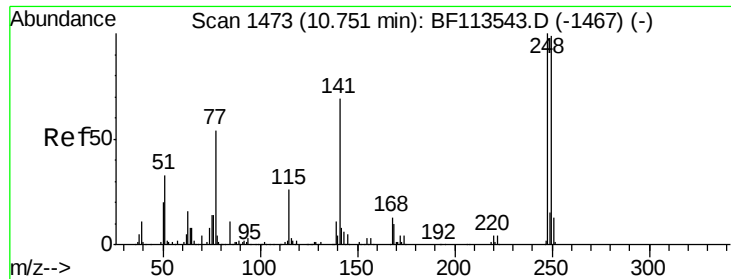
Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	169	Resp:	155614
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.7	80.5
167	35.7	29.5	44.3

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





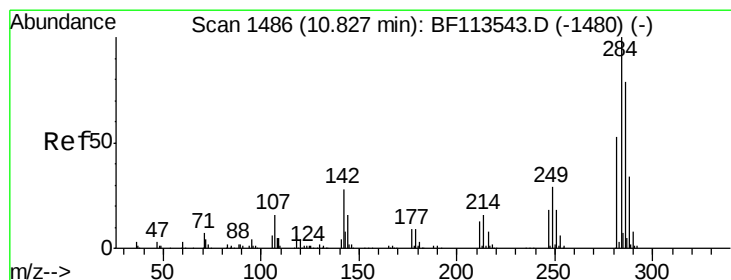
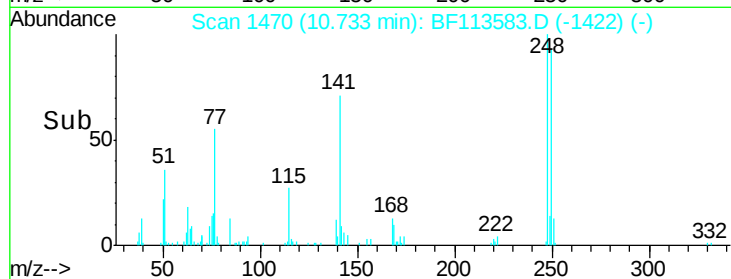
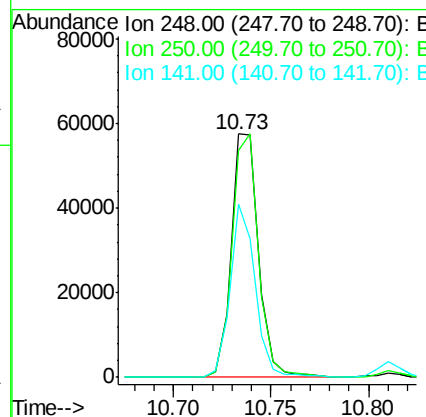
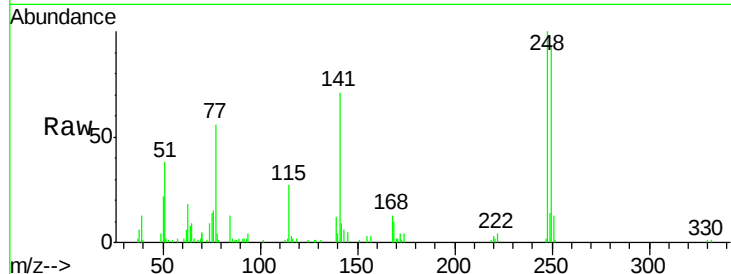
#67
4-Bromophenyl-phenylether
Concen: 8.635 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.4	78.3	117.5
141	71.1	56.2	84.4

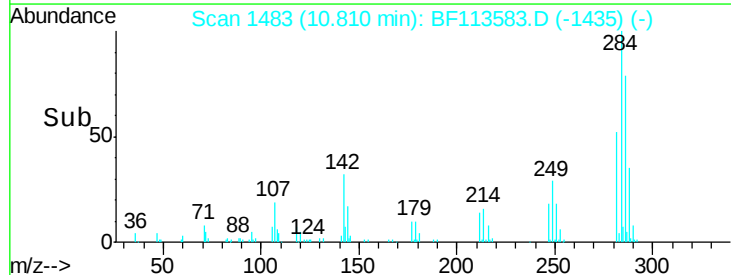
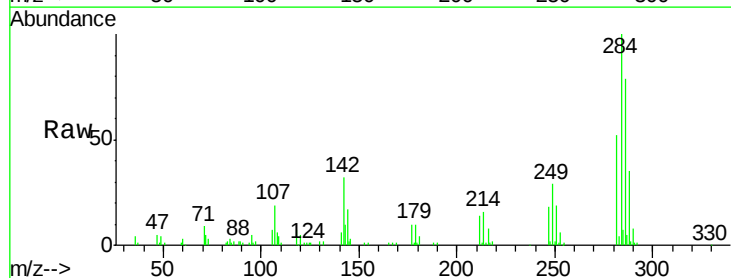
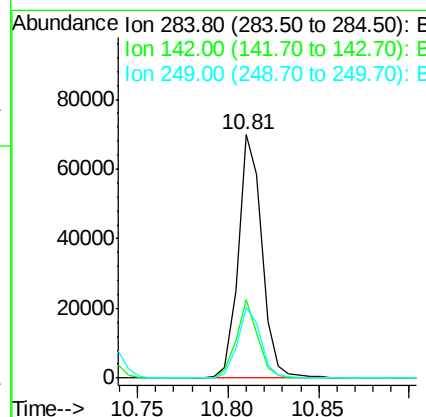
Manual Integrations
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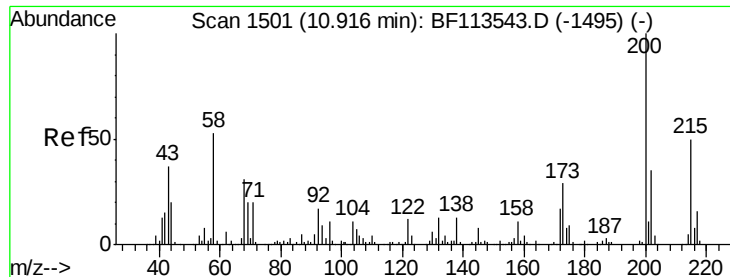
Sohil
4/6/2019 12:38:34 AM



#68
Hexachlorobenzene
Concen: 8.617 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	20.1	30.1#
249	28.9	22.7	34.1





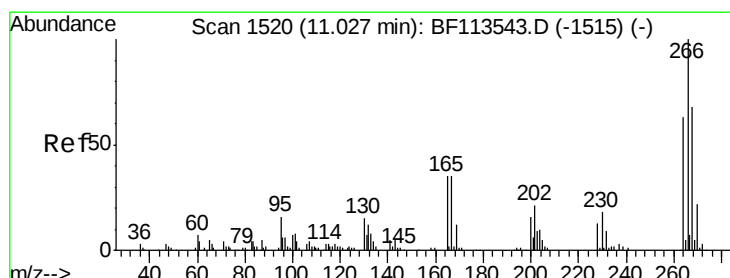
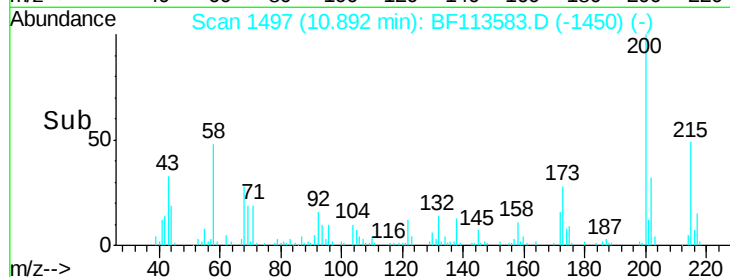
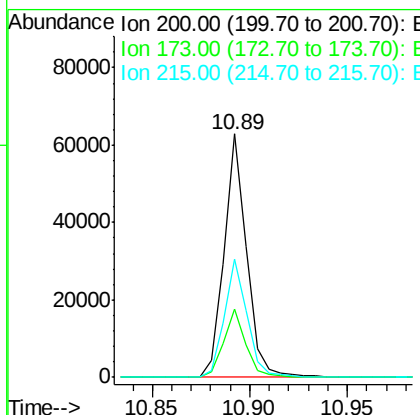
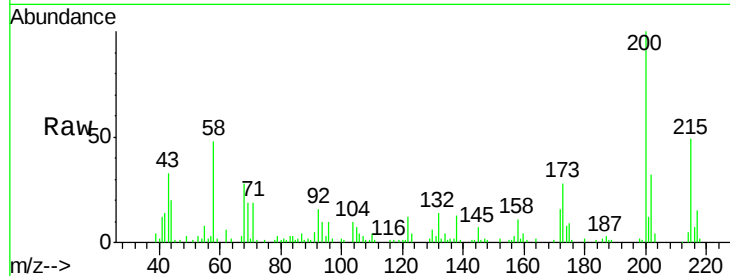
#69
 Atrazine
 Concen: 9.102 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.0	46.0
215	48.7	31.3	71.3

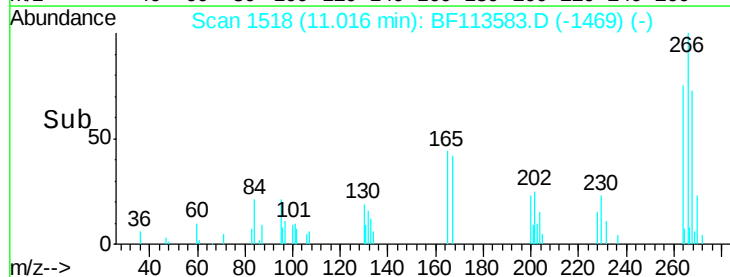
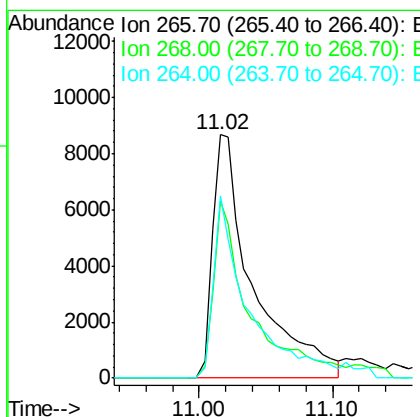
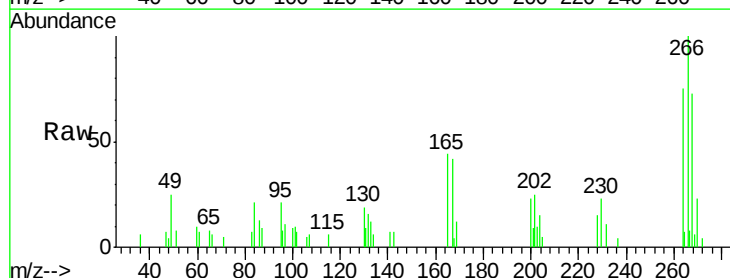
Manual Integrations
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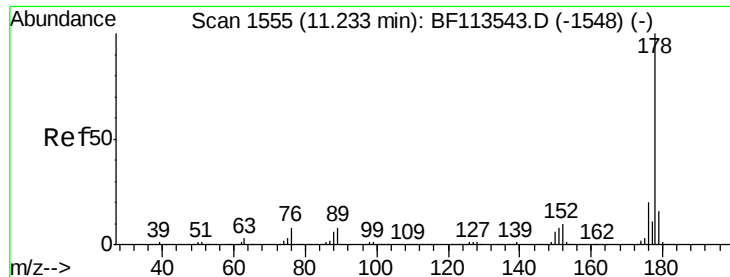
Sohil
 4/6/2019 12:38:34 AM



#70
 Pentachlorophenol
 Concen: 5.309 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	72.9	53.8	80.6
264	81.3	49.2	73.8





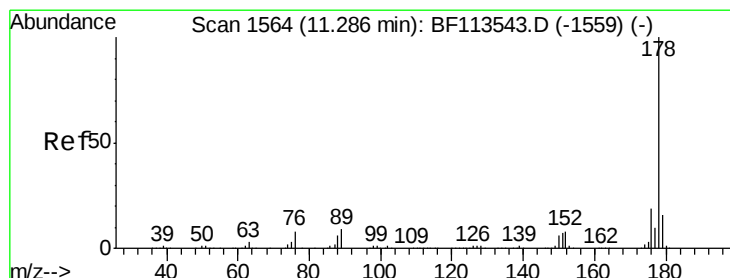
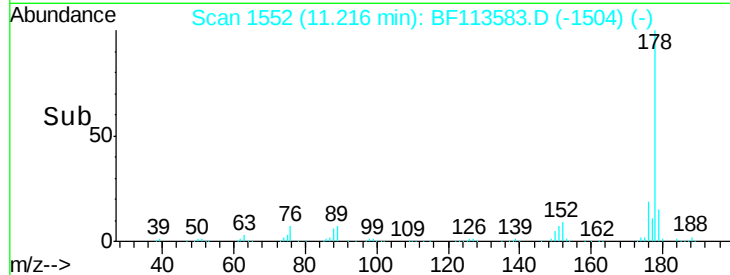
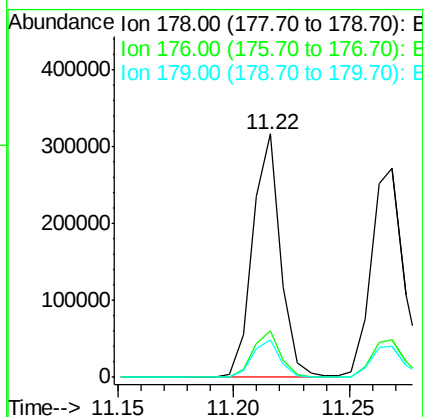
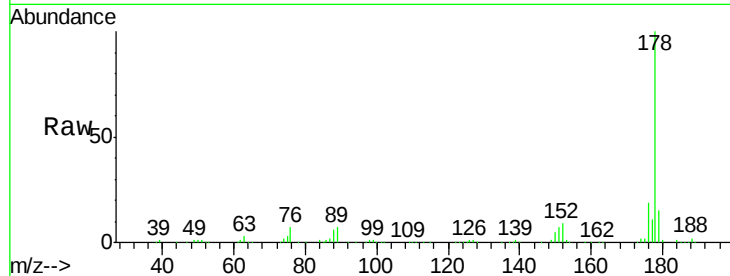
#71
 Phenanthrene
 Concen: 9.406 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.2
179	15.4	12.7	19.1

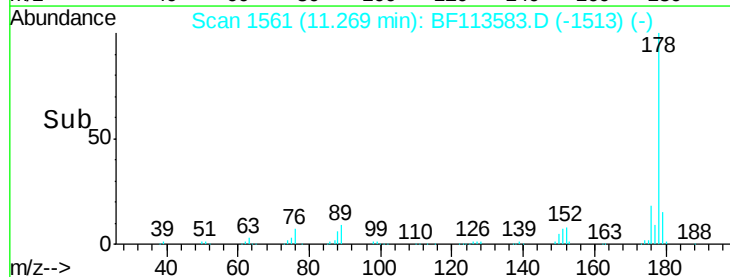
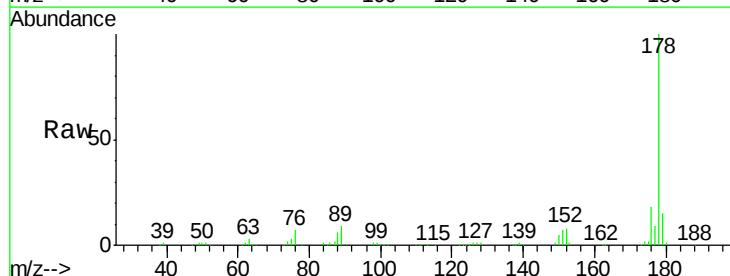
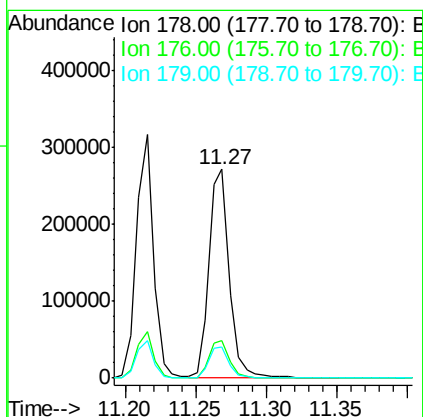
Manual Integrations
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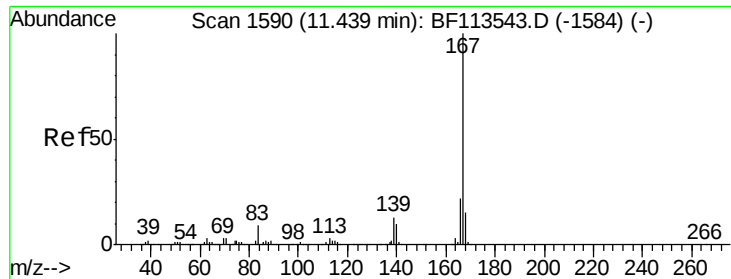
Sohil
 4/6/2019 12:38:34 AM



#72
 Anthracene
 Concen: 9.367 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.8	19.2





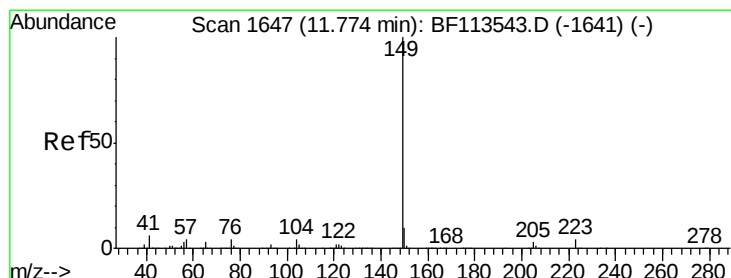
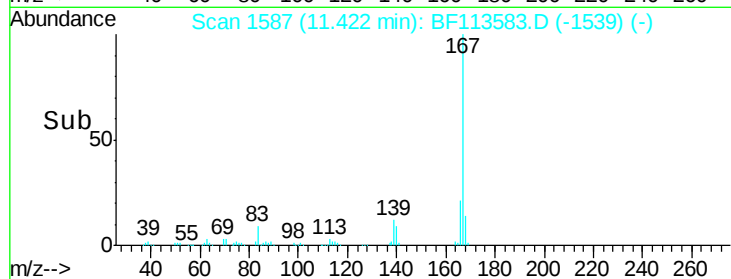
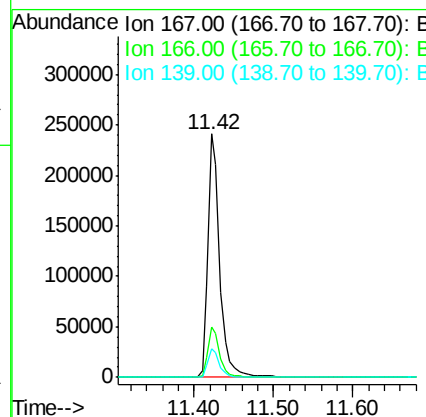
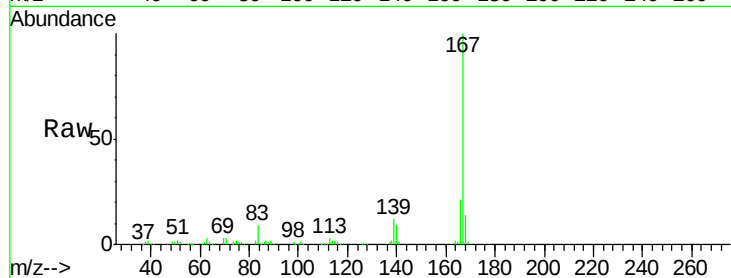
#73
 Carbazole
 Concen: 9.443 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	255074		
166	20.7		17.4	26.0
139	12.0		10.4	15.6

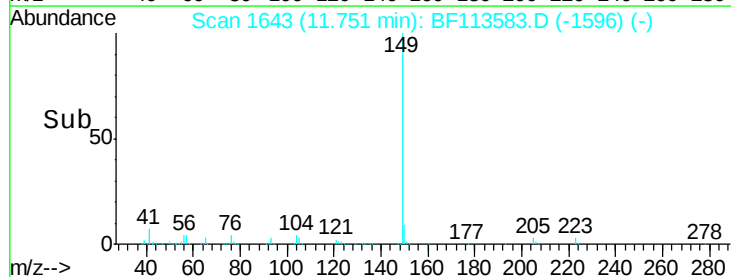
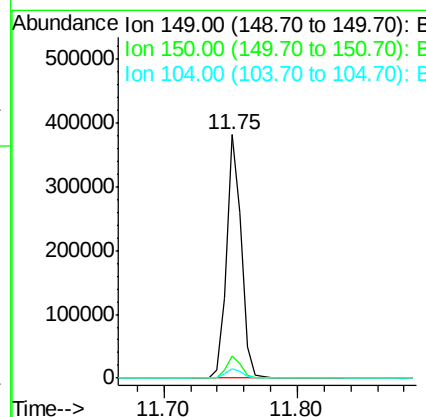
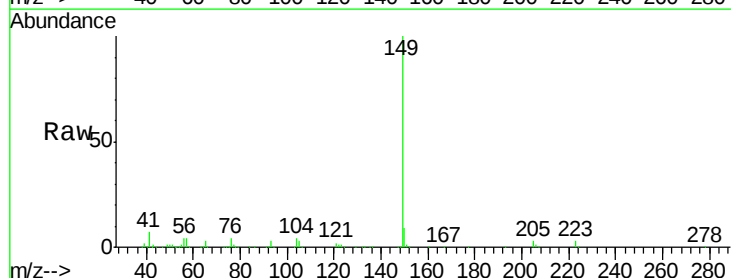
Manual Integrations
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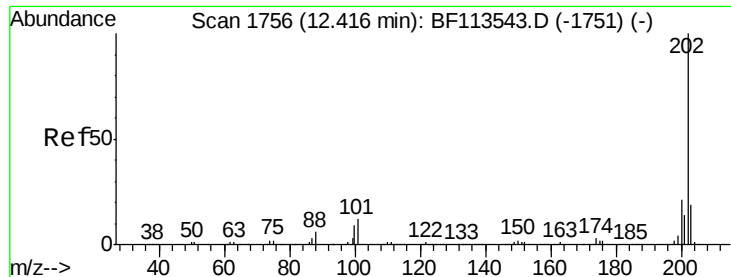
Sohil
 4/6/2019 12:38:34 AM



#74
 Di-n-butylphthalate
 Concen: 9.243 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	296997		
150	9.2		7.7	11.5
104	4.1		3.7	5.5





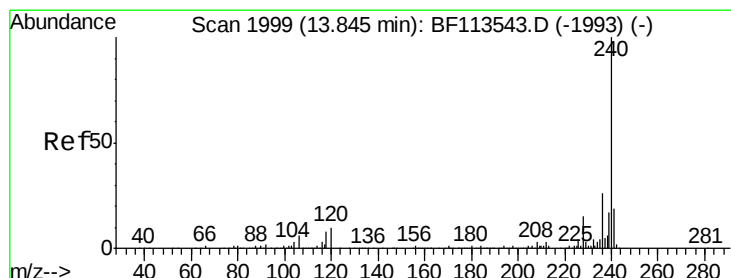
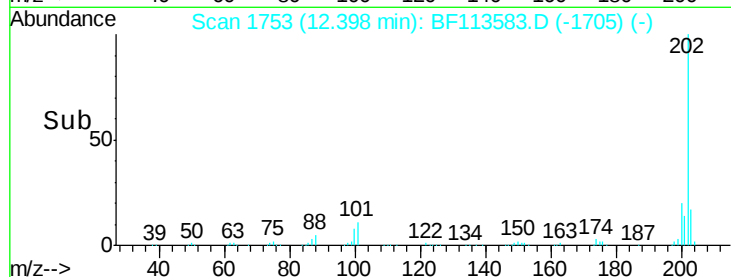
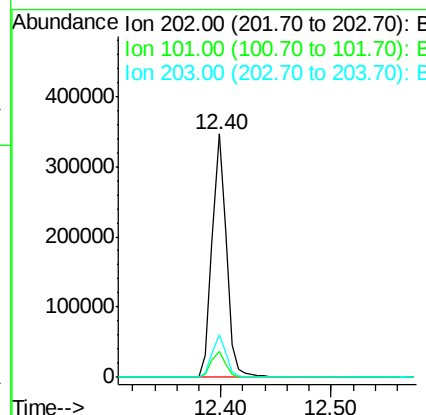
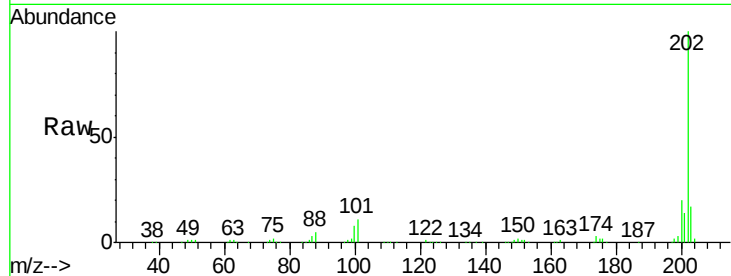
#75
Fluoranthene
 Concen: 9.924 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	0.0	31.4
203	17.4	0.0	38.0

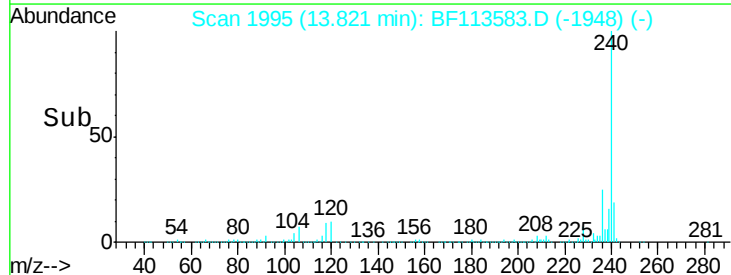
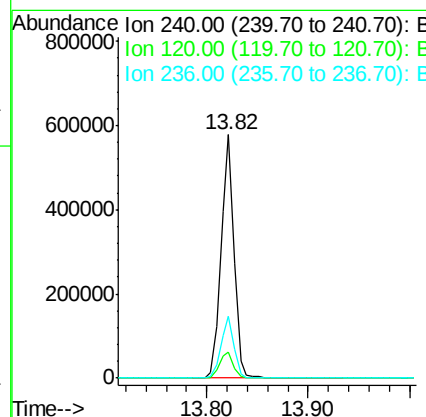
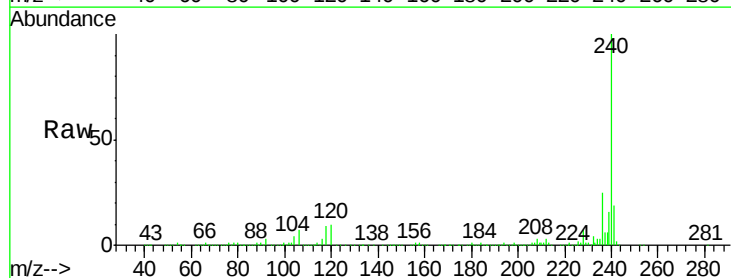
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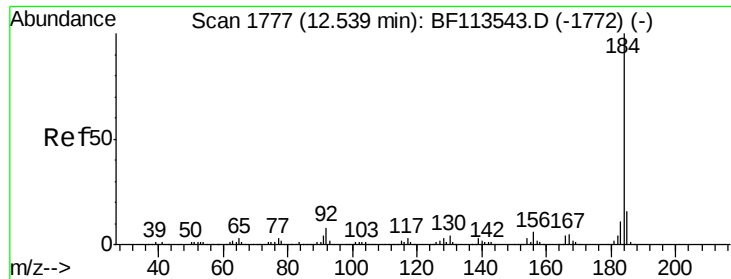
Sohil
 4/6/2019 12:38:34 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.4	8.8	13.2
236	25.4	20.9	31.3





#77

Benzidine

Concen: 7.513 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

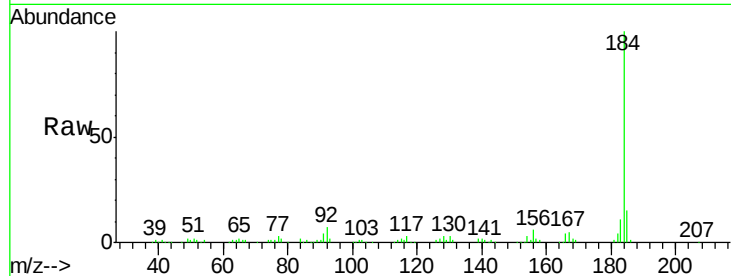
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

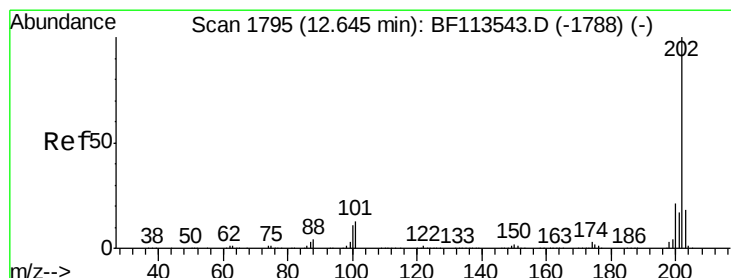
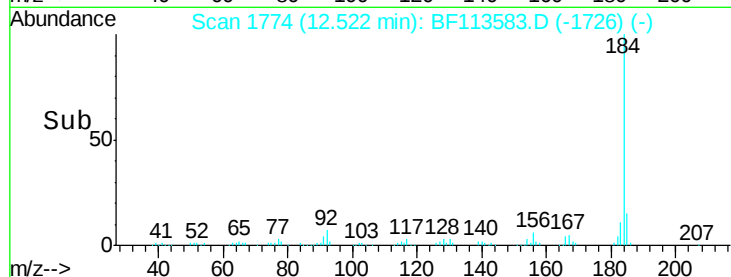
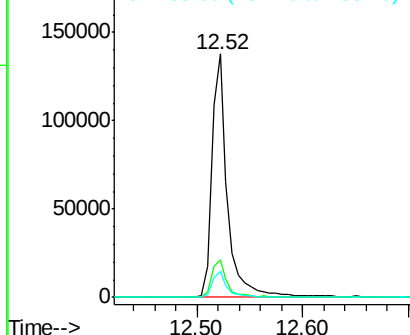
Tgt Ion:	184	Resp:	142509
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.0	19.6
183	10.5	9.0	13.4

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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: 7.905 ng

RT: 12.63 min Scan# 1792

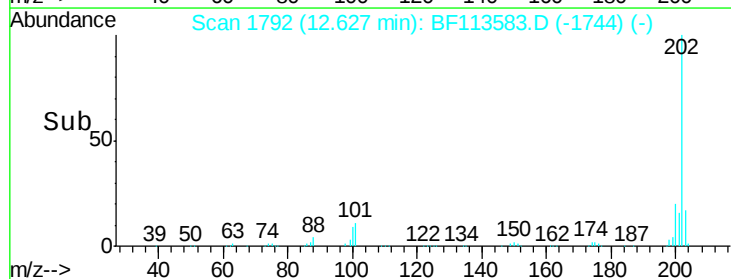
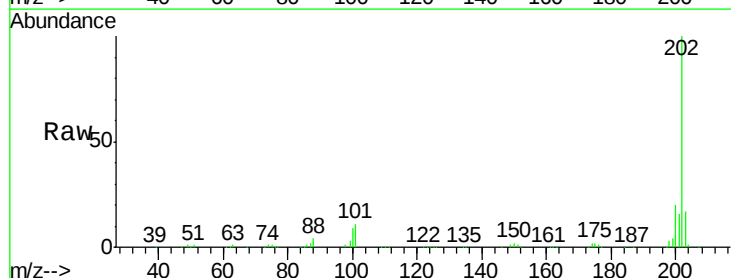
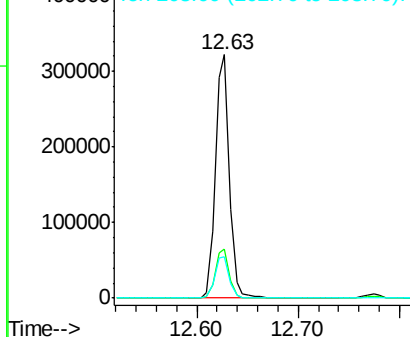
Delta R.T. -0.02 min

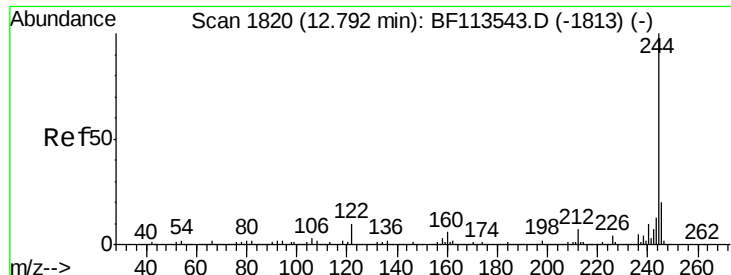
Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	202	Resp:	306800
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.8	25.2
203	16.9	14.4	21.6

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





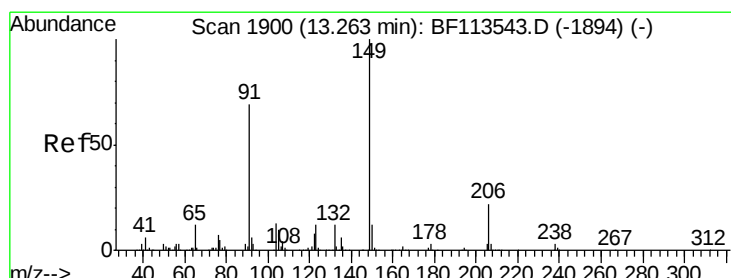
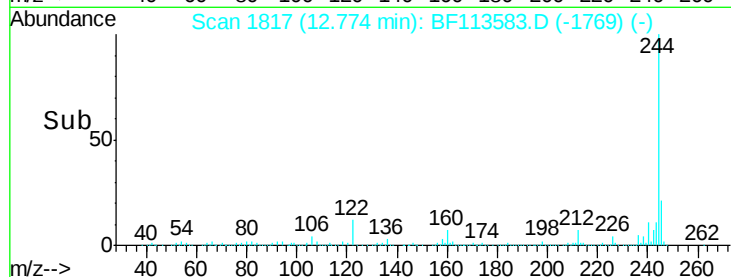
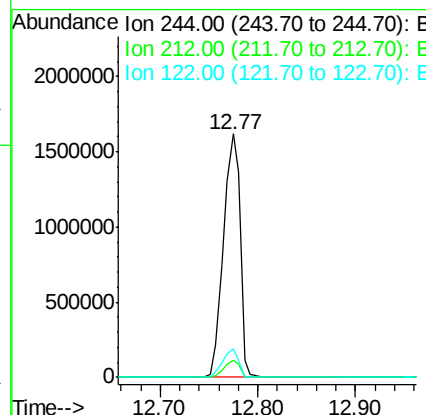
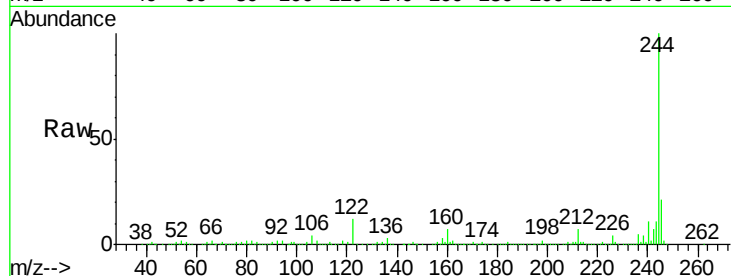
#79
 Terphenyl-d14
 Concen: 76.809 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.5	8.6	13.0

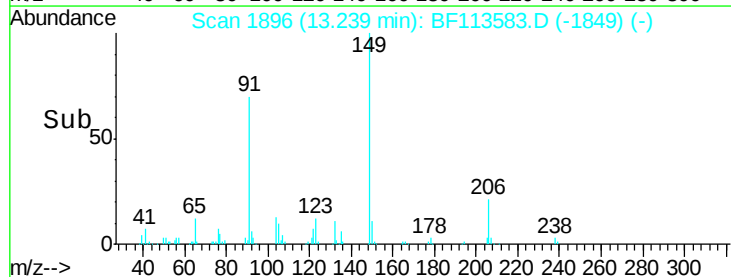
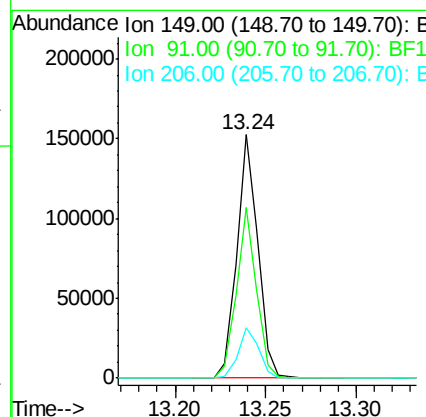
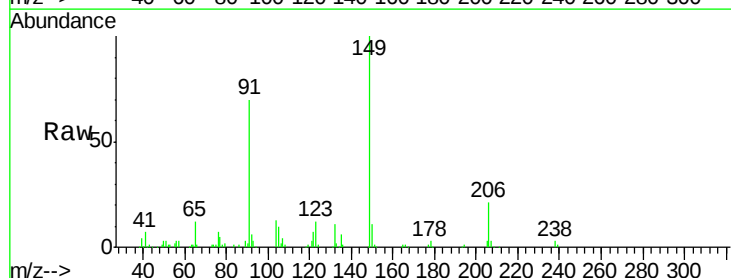
Manual Integrations
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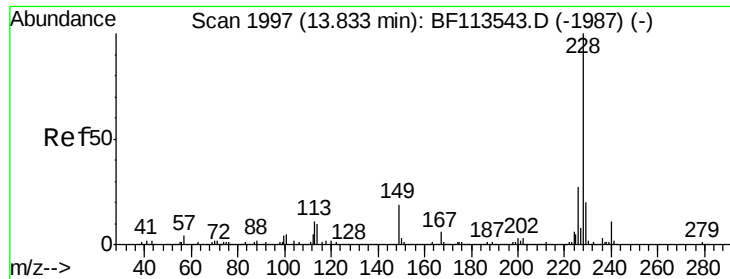
Sohil
 4/6/2019 12:38:34 AM



#80
 Butylbenzylphthalate
 Concen: 7.786 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113583.D
 Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	55.2	82.8
206	20.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 8.670 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

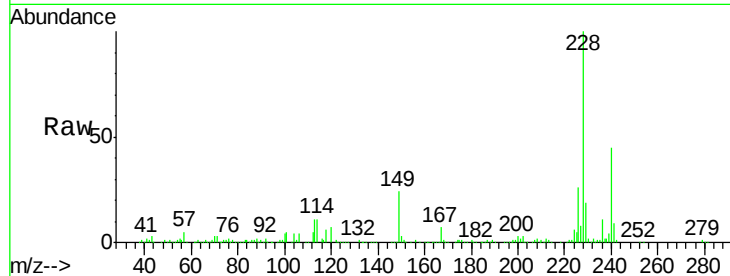
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

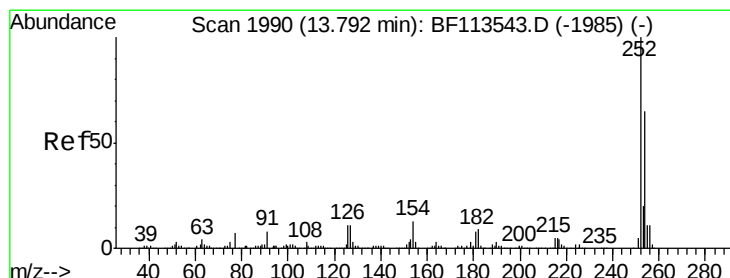
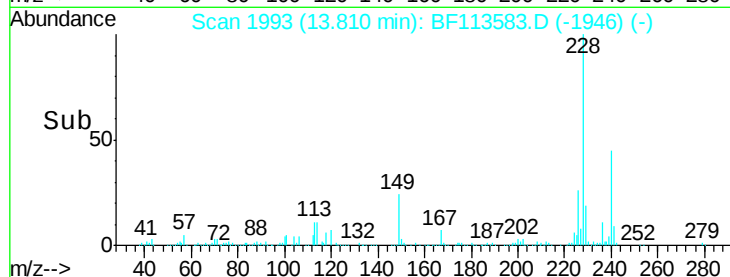
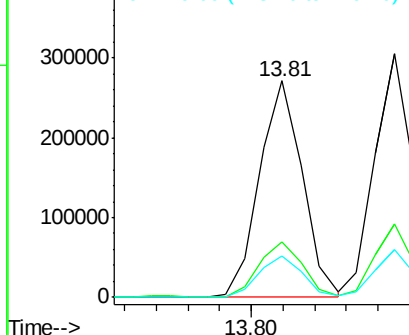
Tgt Ion:	228	Resp:	255100
Ion Ratio		Lower	Upper
228	100		
226	25.9	21.8	32.8
229	19.3	16.2	24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 8.923 ng

RT: 13.77 min Scan# 1986

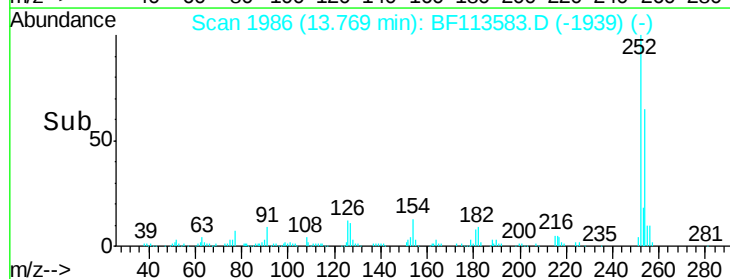
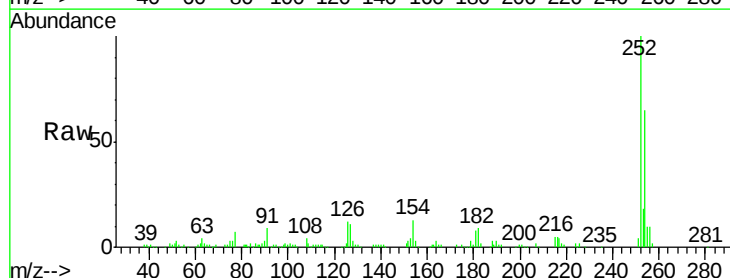
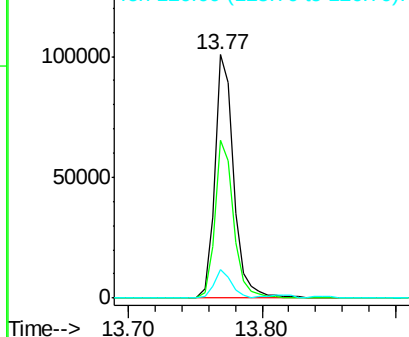
Delta R.T. -0.02 min

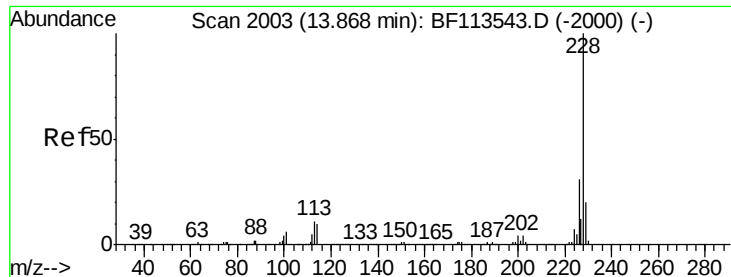
Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	252	Resp:	101129
Ion Ratio		Lower	Upper
252	100		
254	64.6	52.2	78.2
126	11.5	8.5	12.7

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





#83

Chrysene

Concen: 8.783 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Instrument :

BNA_F

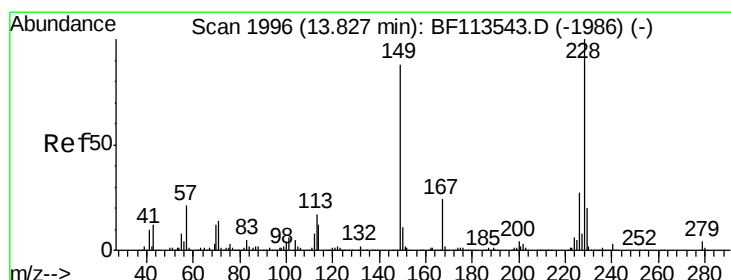
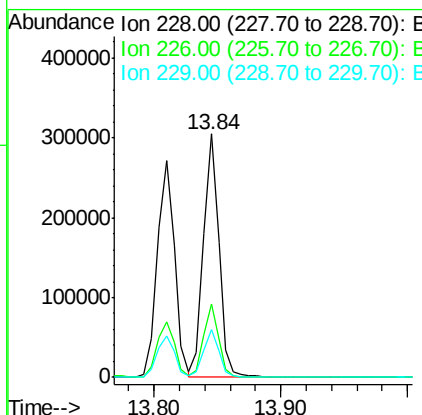
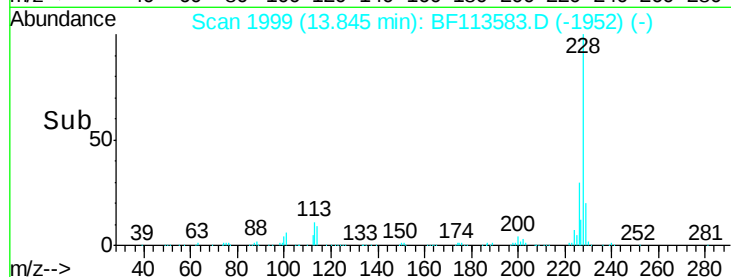
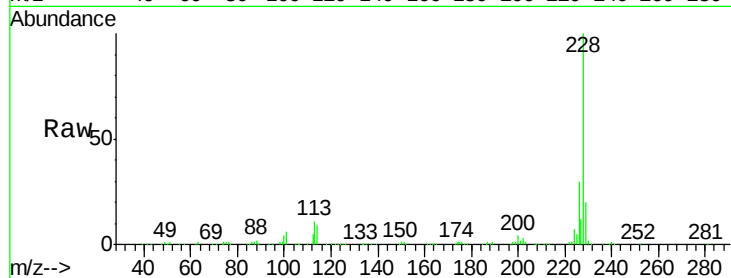
ClientSampleId :

MDL-MDL-SOIL-03-QT1-2019

Tgt Ion:	228	Resp:	261962
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.3	36.5
229	19.7	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 8.506 ng

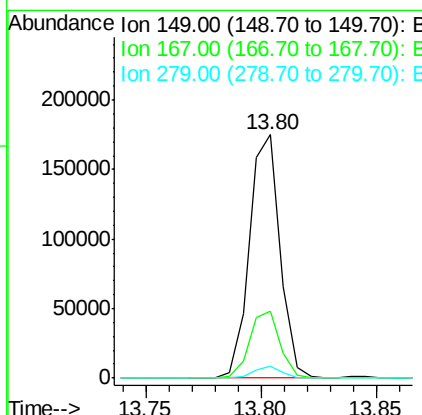
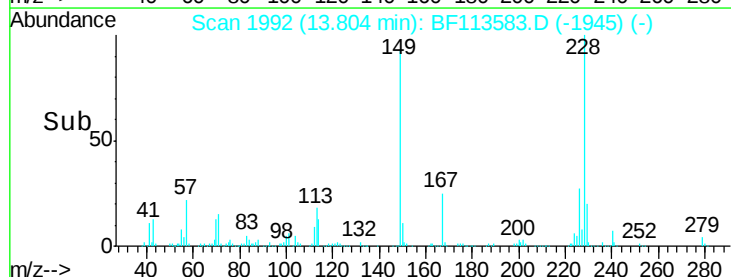
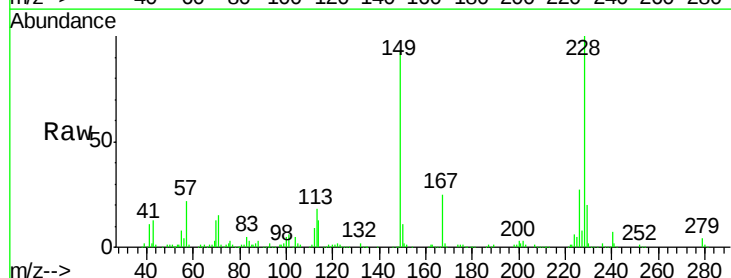
RT: 13.80 min Scan# 1992

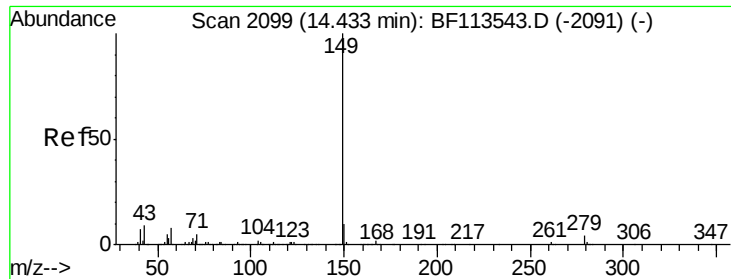
Delta R.T. -0.02 min

Lab File: BF113583.D

Acq: 4 Apr 2019 15:06

Tgt Ion:	149	Resp:	162469
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.8	32.8
279	4.7	2.9	4.3#





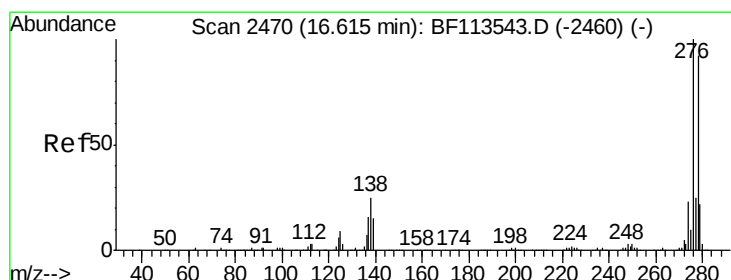
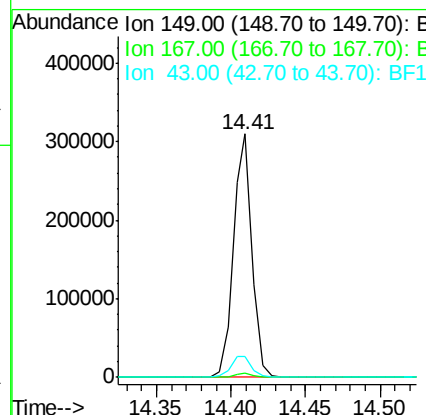
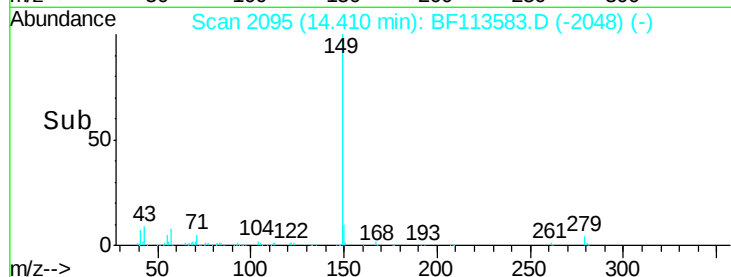
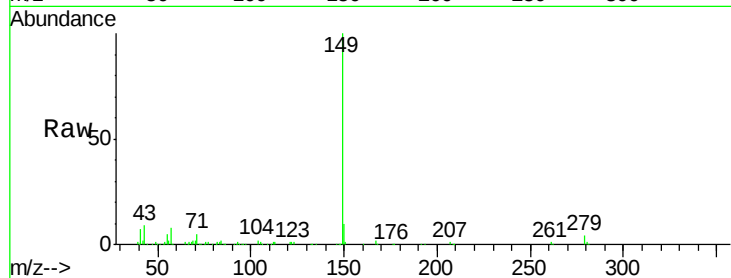
#85
Di-n-octyl phthalate
Concen: 8.748 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	271598		
167	1.6	1.3	1.9	
43	9.3	7.7	11.5	

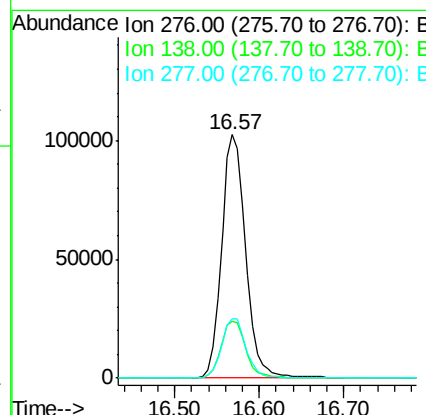
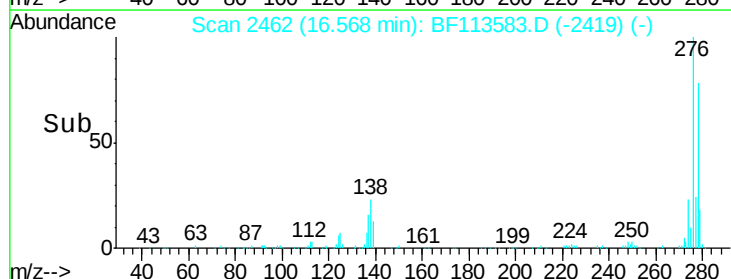
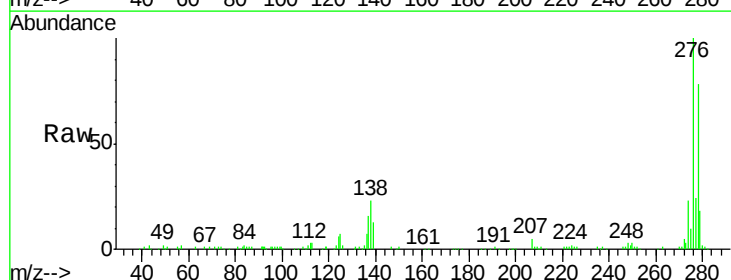
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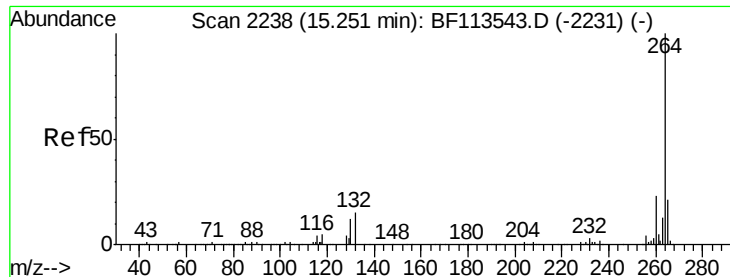
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 7.365 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	202824		
138	24.1	18.1	27.1	
277	24.8	20.2	30.4	





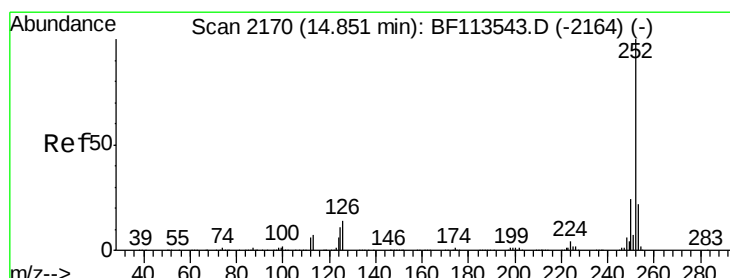
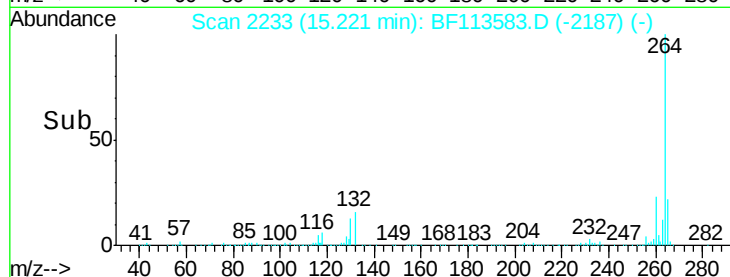
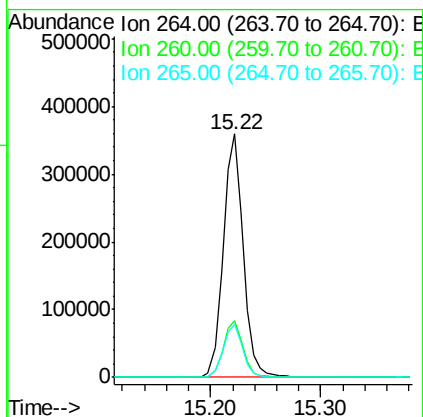
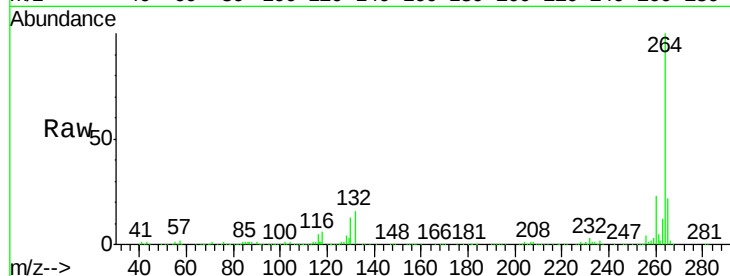
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.7	17.1	25.7

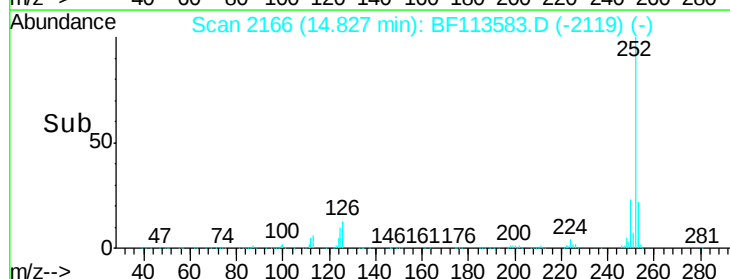
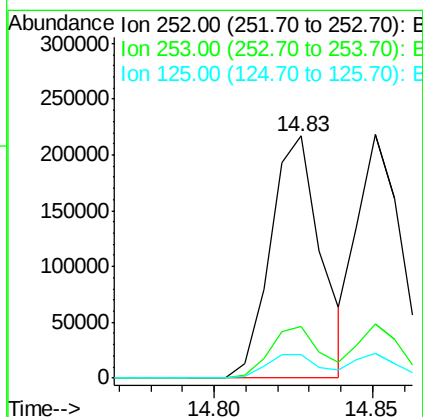
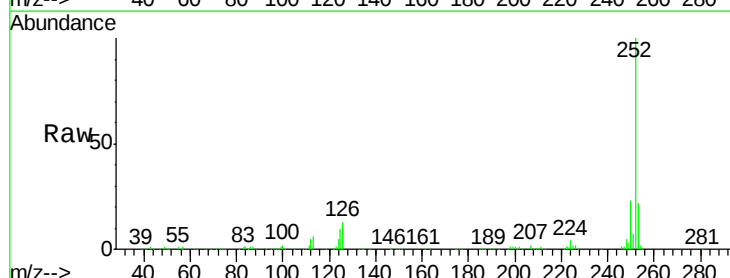
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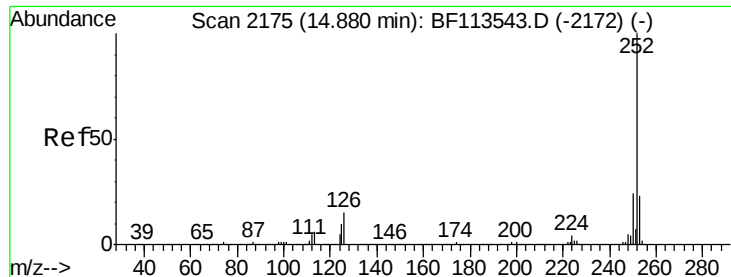
Sohil
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#88
Benzo(b)fluoranthene
Concen: 8.656 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	9.7	7.6	11.4





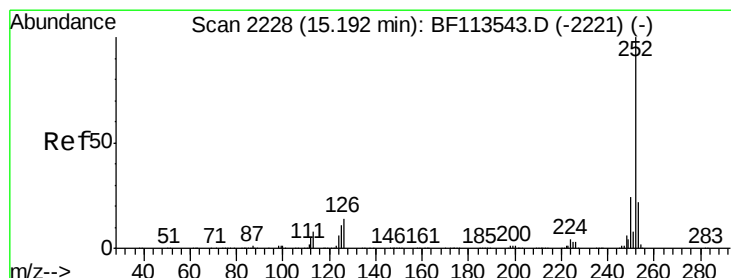
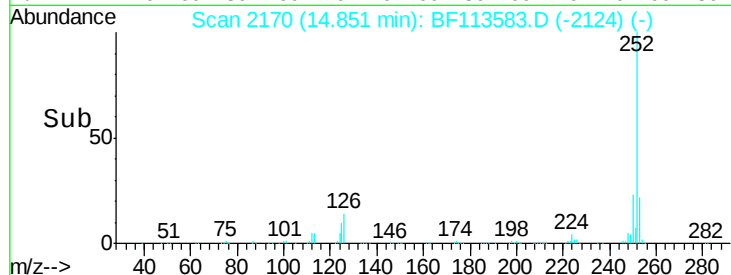
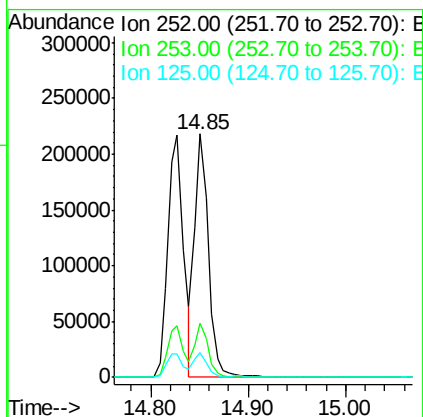
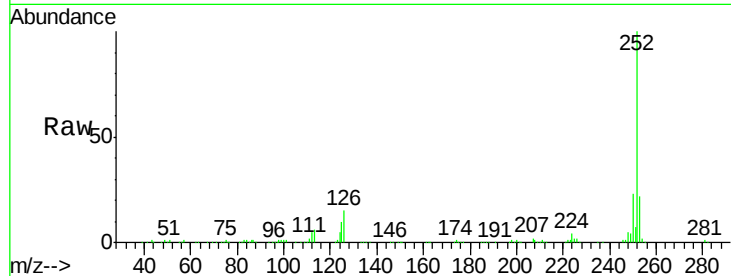
#89
Benzo(k)fluoranthene
Concen: 8.688 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.4	7.3	10.9

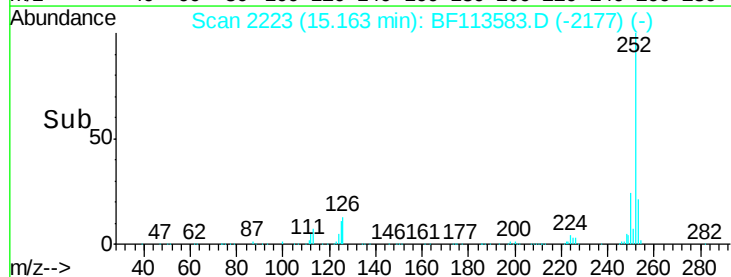
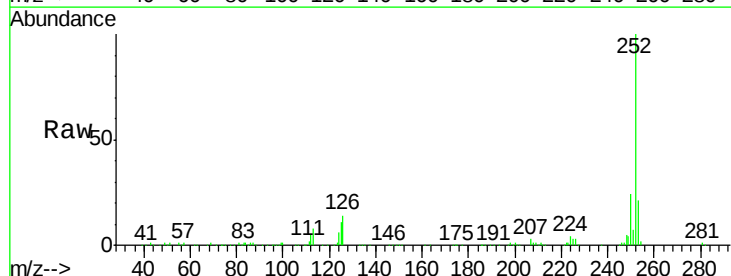
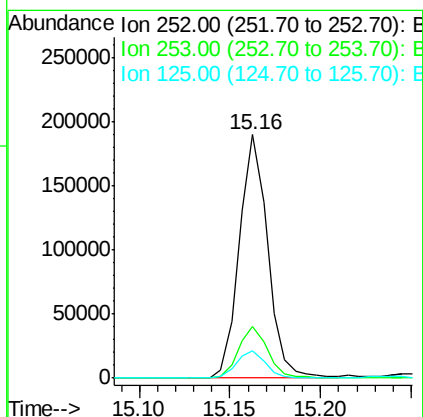
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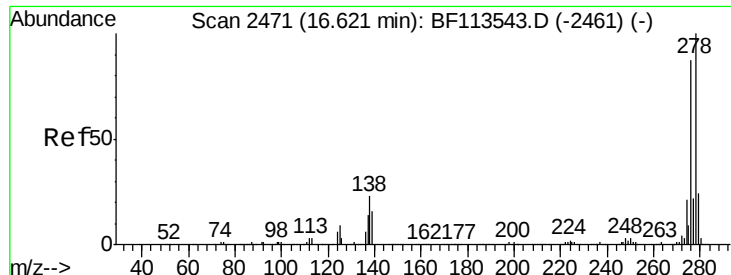
Sohil
4/6/2019 12:38:34 AM



#90
Benzo(a)pyrene
Concen: 8.440 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	11.4	8.8	13.2





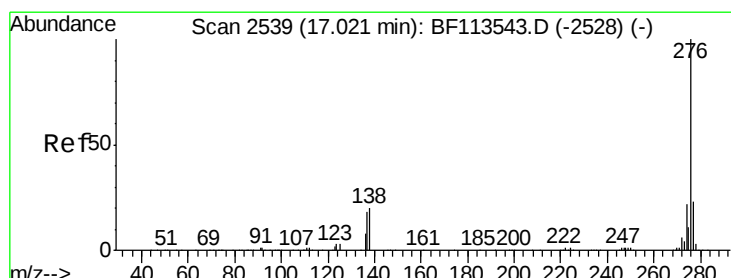
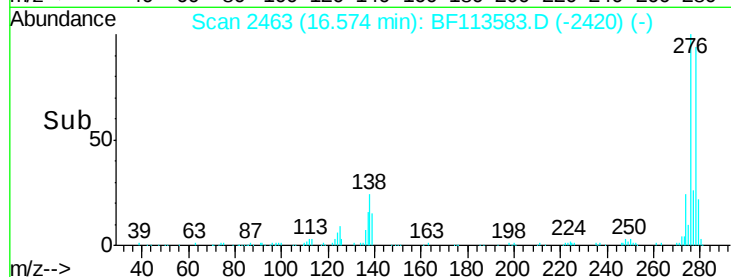
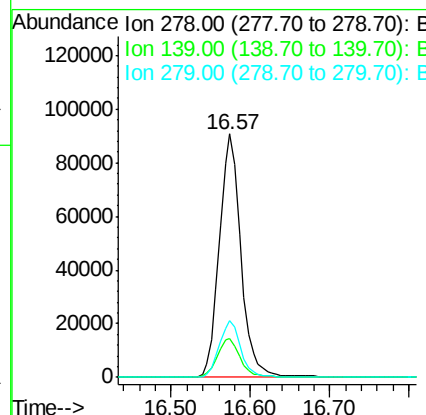
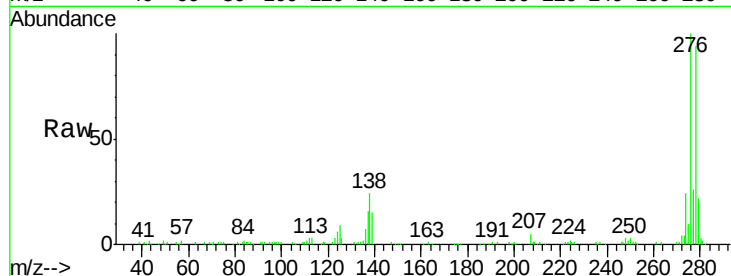
#91
Dibenzo(a,h)anthracene
Concen: 7.437 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.0	18.0
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/6/2019 12:38:34 AM



#92
Benzo(g,h,i)perylene
Concen: 6.778 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.05 min
Lab File: BF113583.D
Acq: 4 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	21.6	15.6	23.4

