

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
 Data File : BF115977.D
 Acq On : 3 Aug 2019 13:16
 Operator : HP/JU
 Sample : IDOC BS-SOIL03-RC
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Manual Integrations
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mohammad
 8/8/2019 4:45:24 PM

Quant Time: Aug 05 01:53:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141804	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	592206	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	331143	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	577762	20.00	ng	0.00
76) Chrysene-d12	14.03	240	418407	20.00	ng	0.00
87) Perylene-d12	15.50	264	401524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1024517	120.95	ng	0.02
7) Phenol-d6	6.49	99	1302373	121.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	869517	84.75	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	389261	121.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1506387	85.21	ng	0.00
79) Terphenyl-d14	12.97	244	1697725	85.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	181267	42.359	ng	98
3) Pyridine	3.46	79	464381	38.848	ng	96
4) n-Nitrosodimethylamine	3.41	42	207258	43.935	ng	98
6) Aniline	6.52	93	536466	35.051	ng	95
8) 2-Chlorophenol	6.65	128	450168	48.060	ng	98
9) Benzaldehyde	6.40	77	253352	34.357	ng	99
10) Phenol	6.51	94	568251	45.152	ng	78
11) bis(2-Chloroethyl)ether	6.59	93	429767	46.447	ng	99
12) 1,3-Dichlorobenzene	6.79	146	478764	44.227	ng	97
13) 1,4-Dichlorobenzene	6.87	146	486069	44.845	ng	99
14) 1,2-Dichlorobenzene	7.02	146	449956	45.084	ng	98
15) Benzyl Alcohol	7.00	79	385309	47.507	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	571111	45.251	ng	95
17) 2-Methylphenol	7.11	107	382350	48.207	ng	97
18) Hexachloroethane	7.36	117	181167	45.398	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	311724	47.070	ng	98
20) 3+4-Methylphenols	7.26	107	454435	48.417	ng	# 88
22) Acetophenone	7.26	105	605519	46.622	ng	97
24) Nitrobenzene	7.43	77	512771	46.288	ng	99
25) Isophorone	7.67	82	928276	47.319	ng	100
26) 2-Nitrophenol	7.75	139	254087	48.658	ng	99
27) 2,4-Dimethylphenol	7.79	122	413520	52.636	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	559032	45.976	ng	99
29) 2,4-Dichlorophenol	8.00	162	403869	48.688	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	420340	44.454	ng	98
31) Naphthalene	8.16	128	1296205	46.512	ng	99
32) Benzoic acid	7.95	122	252661	45.616	ng	99
33) 4-Chloroaniline	8.20	127	325640	26.152	ng	99
34) Hexachlorobutadiene	8.27	225	240285	44.118	ng	99
35) Caprolactam	8.59	113	124372m	46.358	ng	
36) 4-Chloro-3-methylphenol	8.70	107	433374	50.220	ng	98
37) 2-Methylnaphthalene	8.85	142	888183	48.393	ng	99
38) 1-Methylnaphthalene	8.95	142	830746	47.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	399358	45.111	ng	99

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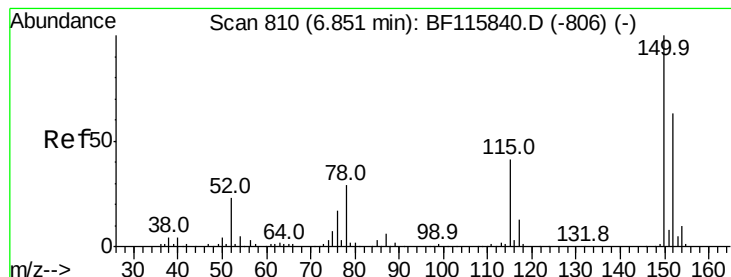
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	295322	74.730	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	267545	43.907	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	289350	45.937	ng	98
46) 1,1'-Biphenyl	9.32	154	1072373	45.870	ng	100
47) 2-Chloronaphthalene	9.35	162	848573	43.611	ng	99
48) 2-Nitroaniline	9.44	65	274337	42.655	ng	90
49) Acenaphthylene	9.76	152	1301391	45.844	ng	99
50) Dimethylphthalate	9.62	163	1028341	45.609	ng	99
51) 2,6-Dinitrotoluene	9.69	165	229261	46.789	ng	96
52) Acenaphthene	9.93	154	771082	44.276	ng	100
53) 3-Nitroaniline	9.85	138	177256	29.277	ng	92
54) 2,4-Dinitrophenol	9.97	184	196633	79.008	ng	97
55) Dibenzofuran	10.10	168	1135157	44.822	ng	96
56) 4-Nitrophenol	10.03	139	338185	87.196	ng	98
57) 2,4-Dinitrotoluene	10.09	165	295311	45.267	ng	91
58) Fluorene	10.45	166	894594	45.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	252333	47.616	ng	97
60) Diethylphthalate	10.32	149	968193	45.994	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	448782	45.477	ng	98
62) 4-Nitroaniline	10.47	138	258757	41.355	ng	99
63) Azobenzene	10.60	77	1005148	46.423	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	147233	48.088	ng	96
66) n-Nitrosodiphenylamine	10.56	169	812803	46.740	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	284786	46.045	ng	92
68) Hexachlorobenzene	11.00	284	311520	43.558	ng	95
69) Atrazine	11.09	200	266720	46.621	ng	99
70) Pentachlorophenol	11.20	266	303335	87.360	ng	98
71) Phenanthrene	11.41	178	1324524	44.844	ng	100
72) Anthracene	11.46	178	1388943	46.465	ng	99
73) Carbazole	11.62	167	1234850	45.534	ng	100
74) Di-n-butylphthalate	11.94	149	1508314	47.677	ng	100
75) Fluoranthene	12.60	202	1401295	45.318	ng	98
77) Benzidine	12.72	184	708979	50.156	ng	97
78) Pyrene	12.83	202	1409091	44.676	ng	100
80) Butylbenzylphthalate	13.44	149	642578	48.163	ng	98
81) Benzo(a)anthracene	14.02	228	1208266	45.181	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	314336	33.832	ng	99
83) Chrysene	14.06	228	1153778	44.439	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	880846	50.806	ng	100
85) Di-n-octyl phthalate	14.61	149	1423576	51.695	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	979427	44.914	ng	99
88) Benzo(b)fluoranthene	15.07	252	1112300	47.910	ng	98
89) Benzo(k)fluoranthene	15.10	252	1019651	45.091	ng	99
90) Benzo(a)pyrene	15.44	252	995122	47.949	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	826826	46.025	ng	100
92) Benzo(g,h,i)perylene	17.43	276	796633	45.153	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

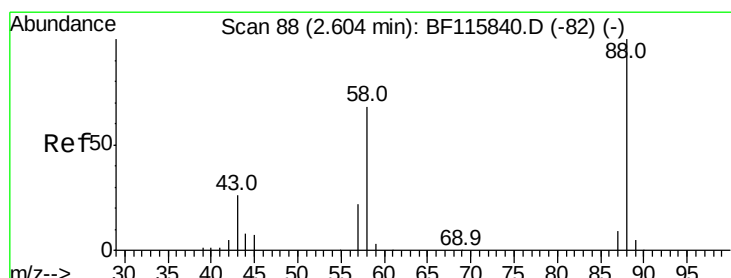
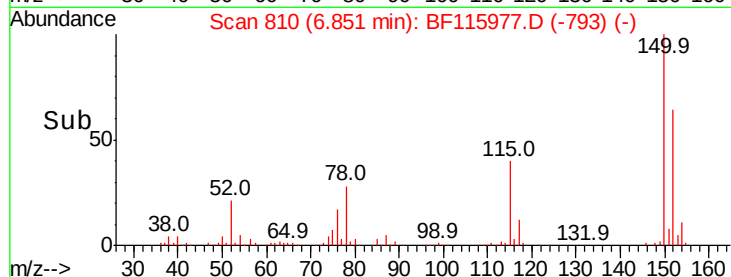
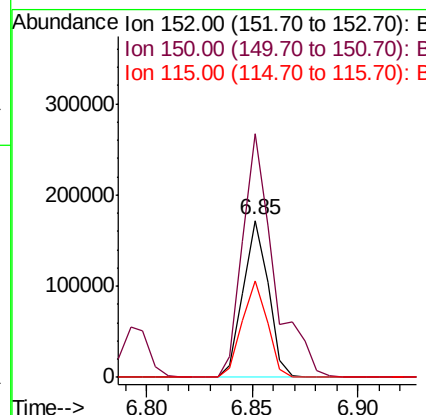
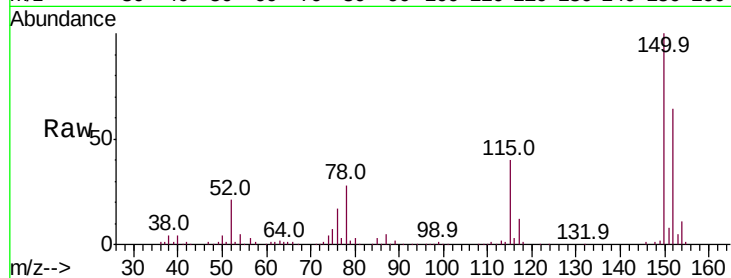
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	61.6	51.8	77.8

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#2

1,4-Dioxane

Concen: 42.359 ng

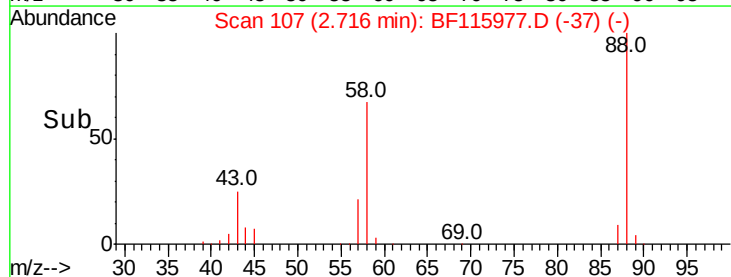
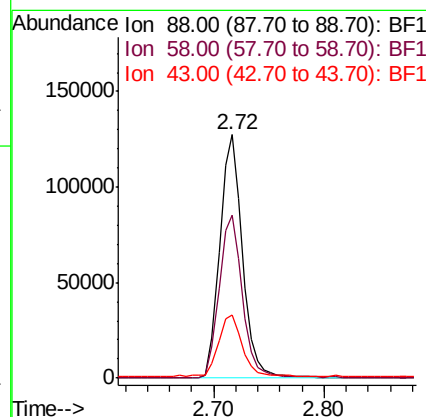
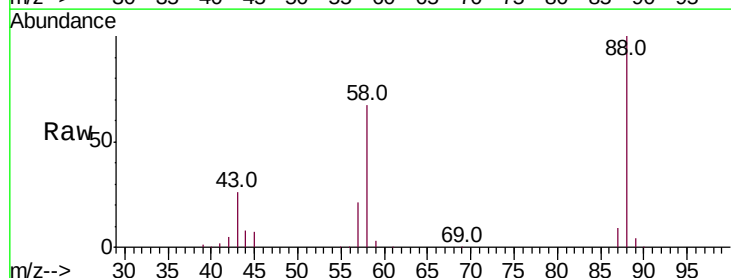
RT: 2.72 min Scan# 107

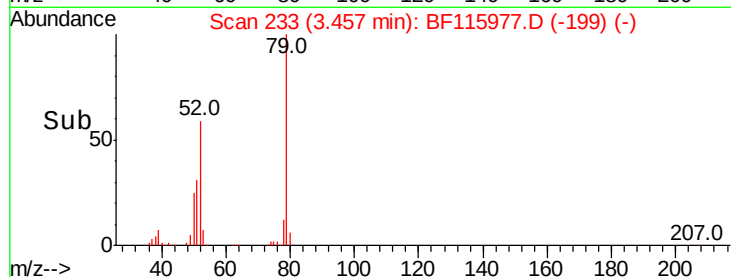
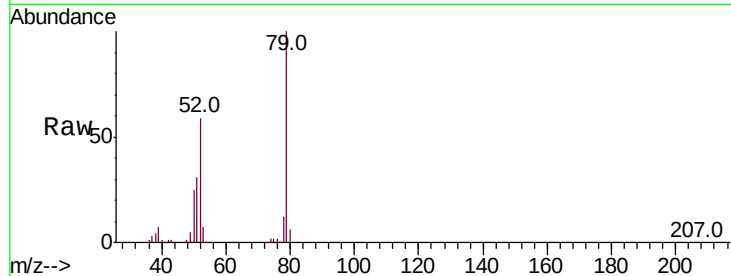
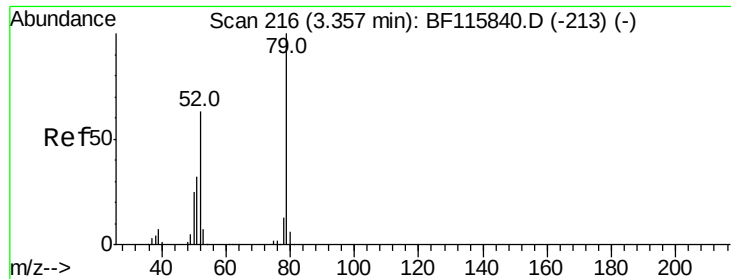
Delta R.T. 0.11 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	54.1	81.1
43	27.0	20.7	31.1





#3

Pvridine

Concen: 38.848 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115977.D

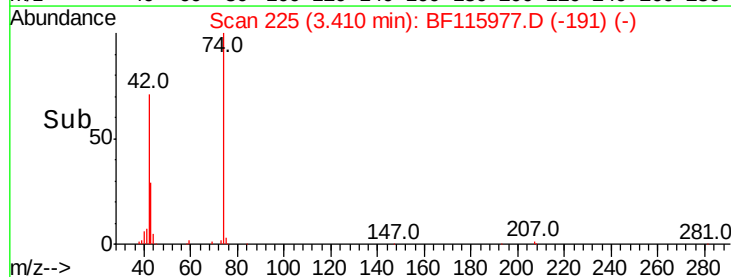
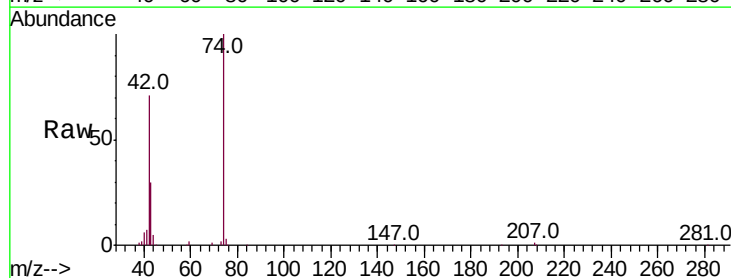
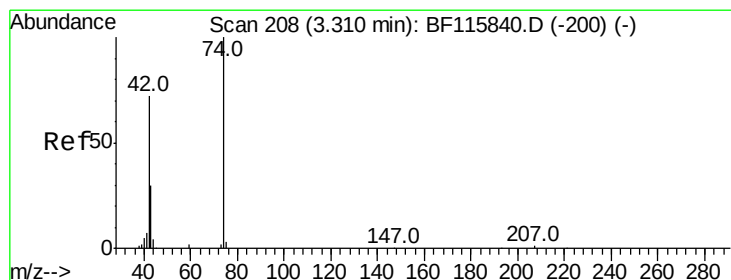
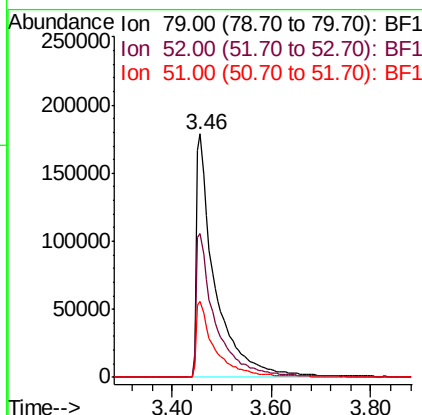
Acq: 3 Aug 2019 13:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.0	50.2	75.4
51	31.4	25.8	38.6

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IDOC BS-SOIL03-RC

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#4

n-Nitrosodimethylamine

Concen: 43.935 ng

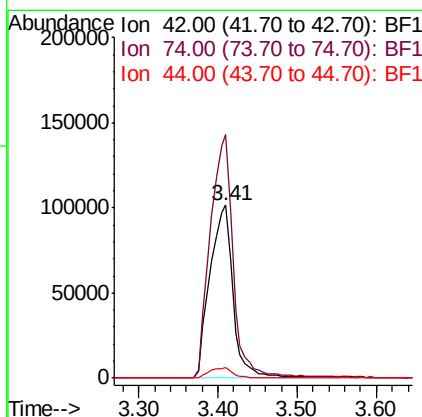
RT: 3.41 min Scan# 225

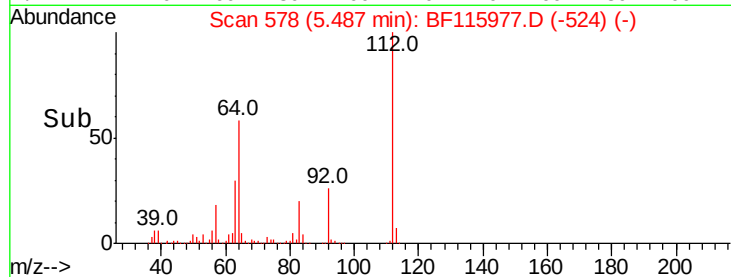
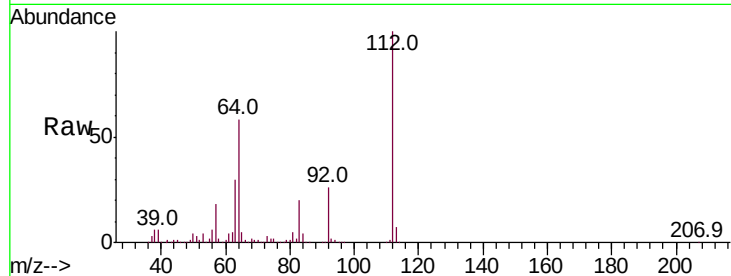
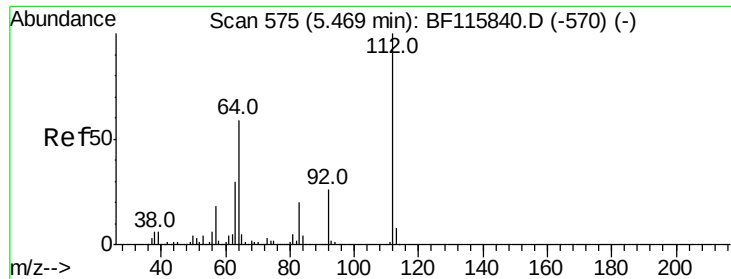
Delta R.T. 0.10 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.6	111.0	166.4
44	6.5	4.7	7.1





#5

2-Fluorophenol

Concen: 120.949 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115977.D

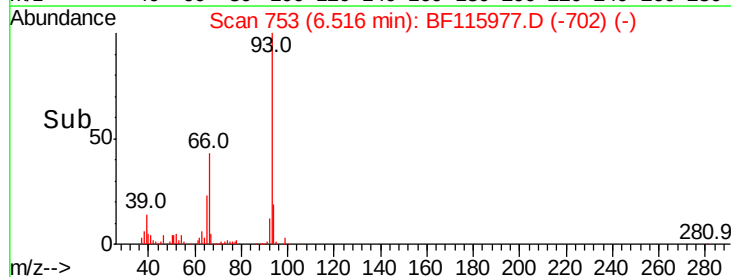
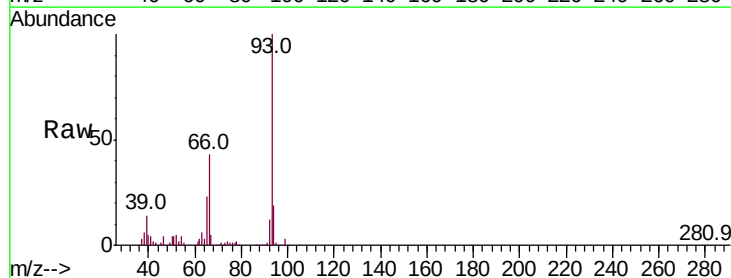
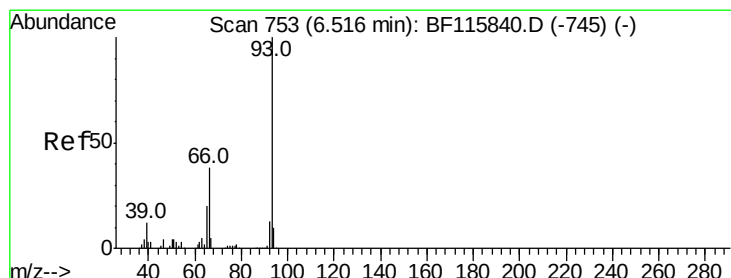
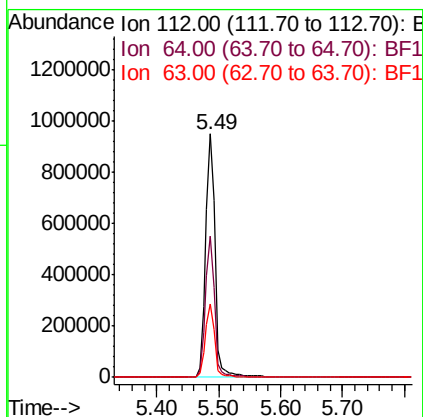
Acq: 3 Aug 2019 13:16

Tot Ion:	112	Resp:	1024517
Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.8	70.2
63	30.1	24.2	36.2

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IDOC BS-SOIL03-RC

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#6

Aniline

Concen: 35.051 ng

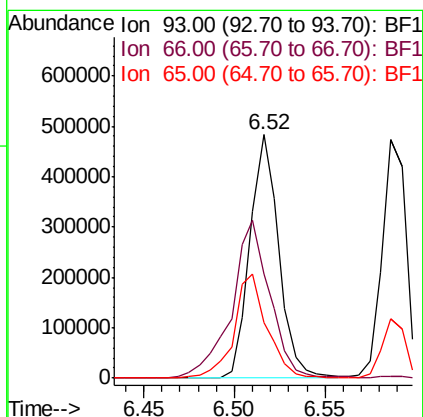
RT: 6.52 min Scan# 753

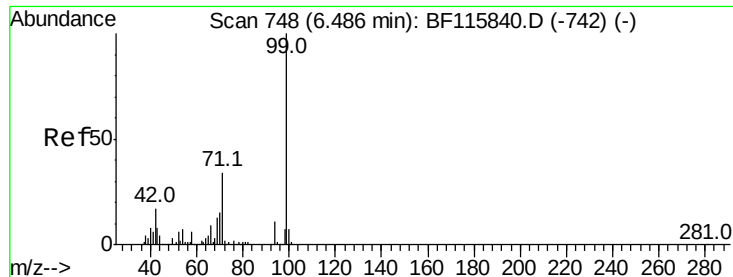
Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	93	Resp:	536466
Ion	Ratio	Lower	Upper
93	100		
66	42.7	31.4	47.0
65	22.8	16.5	24.7





#7

Phenol-d6

Concen: 121.863 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion: 99 Resp: 1302373

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

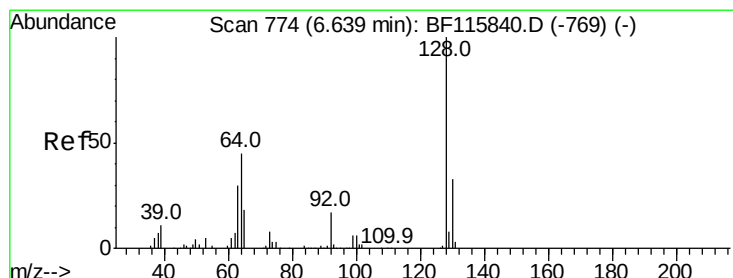
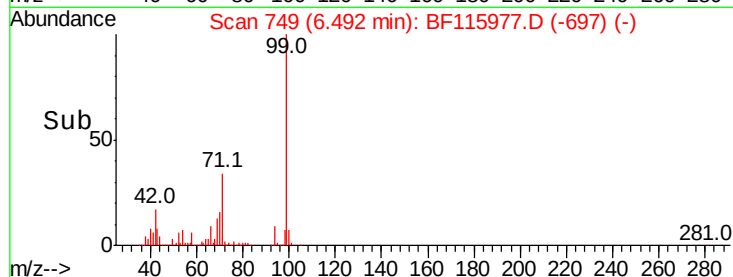
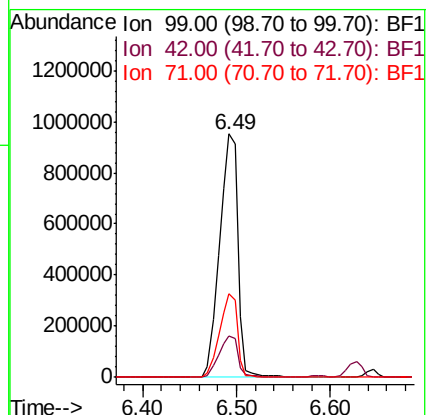
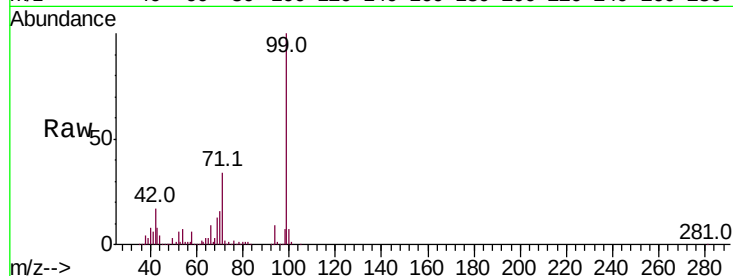
71 34.2 27.1 40.7

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#8

2-Chlorophenol

Concen: 48.060 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

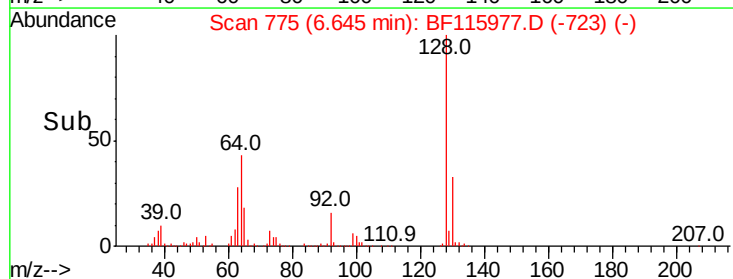
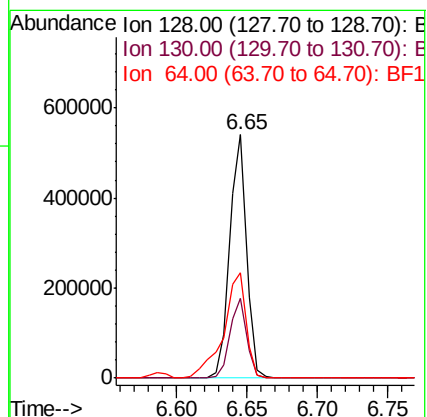
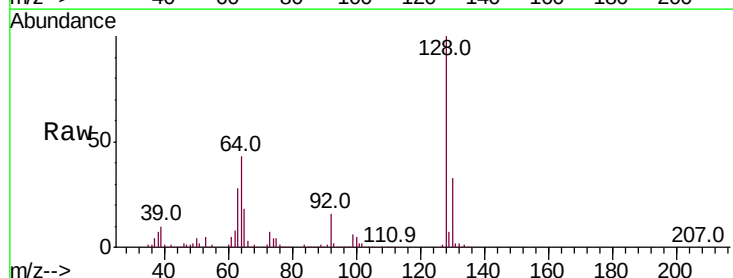
Tgt Ion:128 Resp: 450168

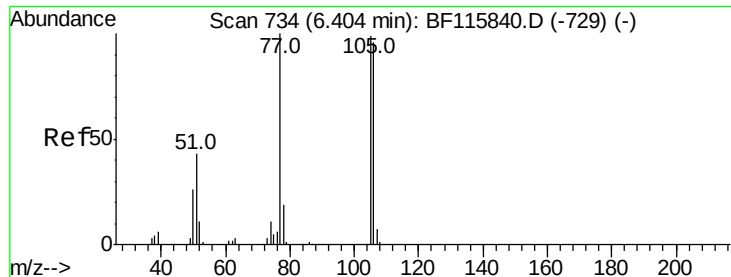
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 43.4 26.1 66.1





#9

Benzaldehyde

Concen: 34.357 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

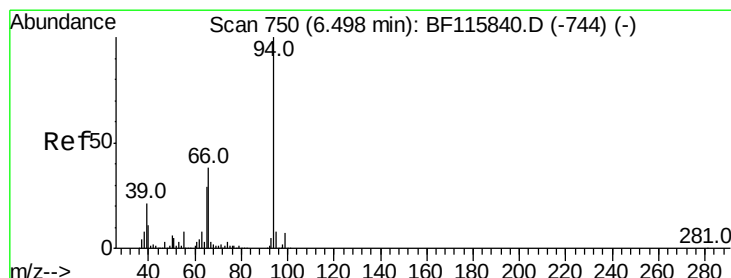
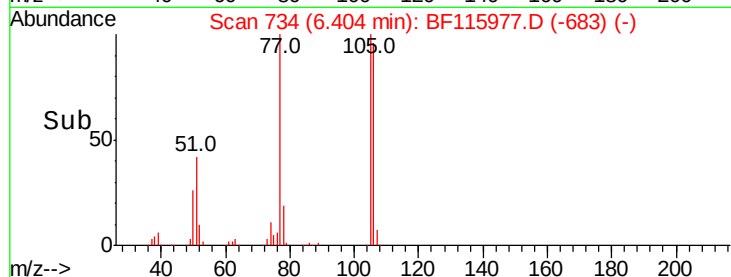
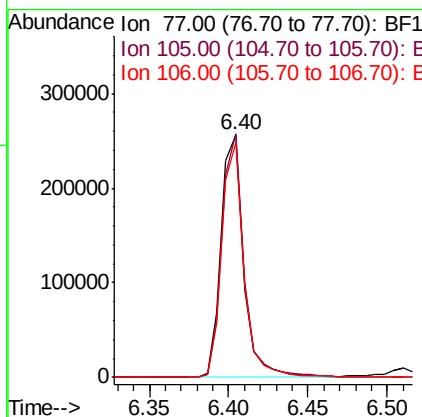
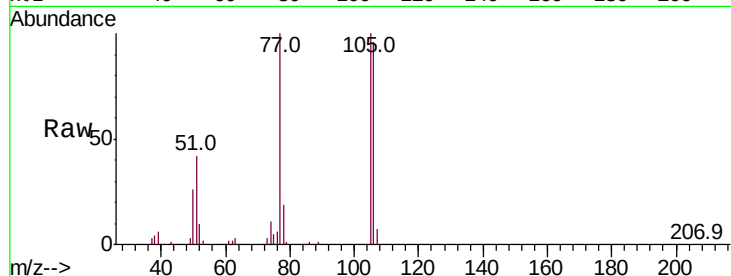
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.4	79.0	119.0
106	96.9	76.2	116.2

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#10

Phenol

Concen: 45.152 ng

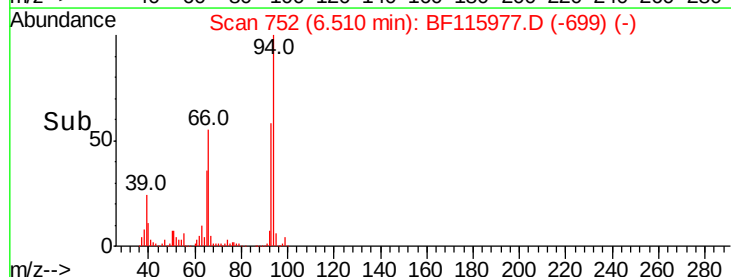
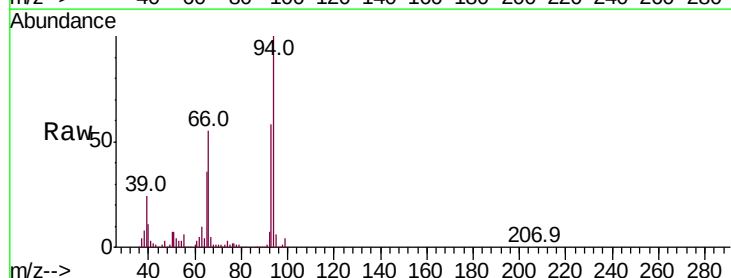
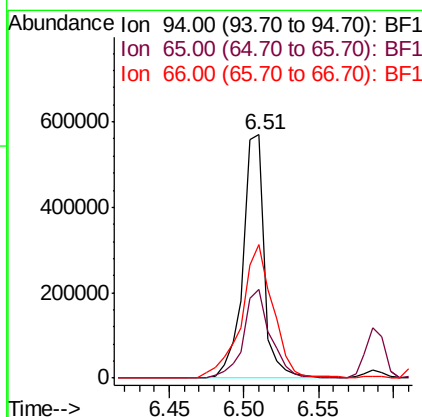
RT: 6.51 min Scan# 752

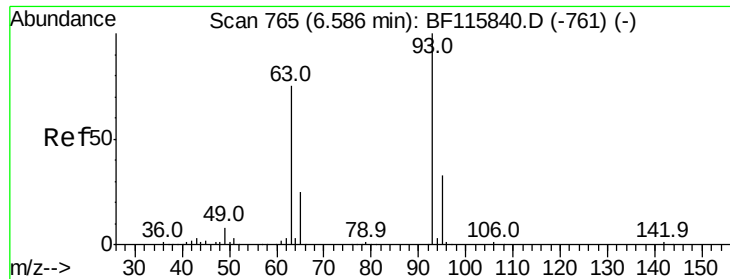
Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	8.9	48.9
66	54.8	18.0	58.0





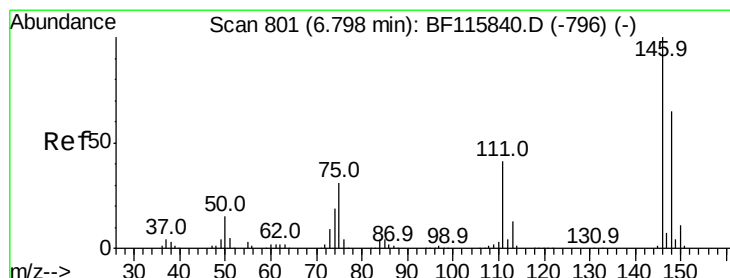
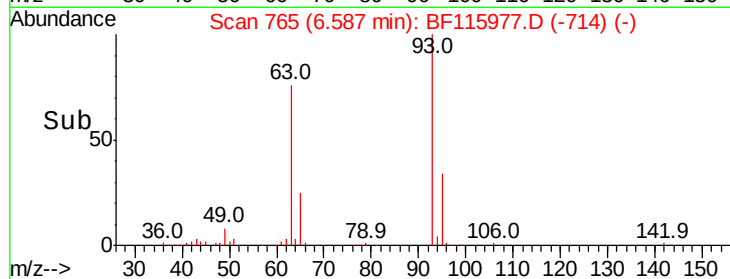
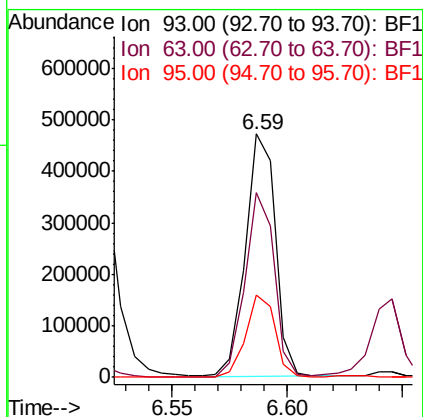
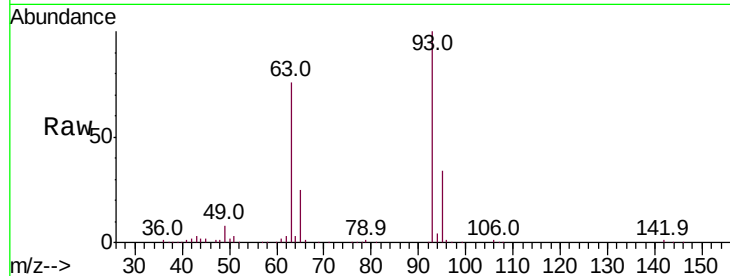
#11
bis(2-Chloroethyl)ether
Concen: 46.447 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	54.9	94.9
95	33.6	13.3	53.3

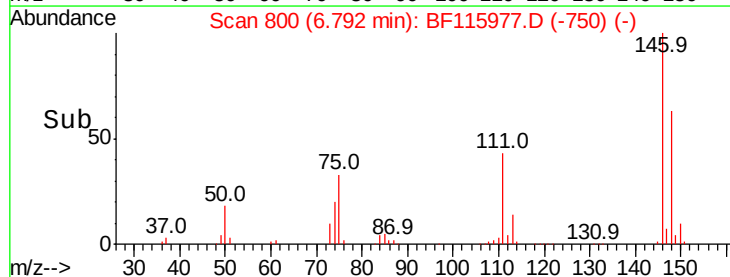
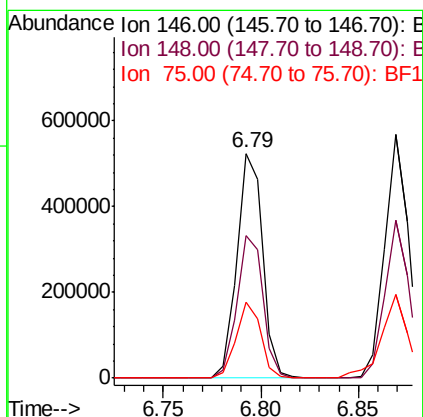
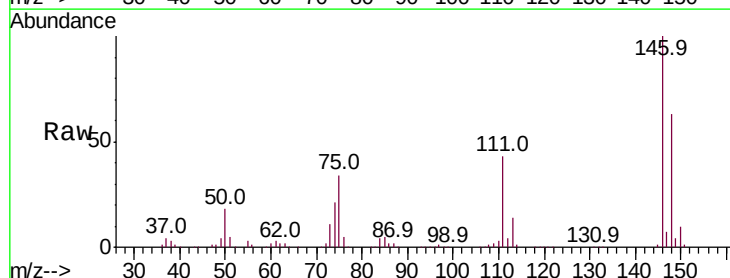
Manual Integrations
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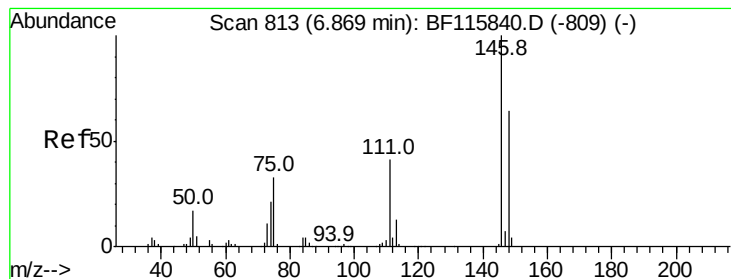
mohammad
8/8/2019 4:45:24 PM



#12
1,3-Dichlorobenzene
Concen: 44.227 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
75	34.0	25.0	37.6





#13

1,4-Dichlorobenzene

Concen: 44.845 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

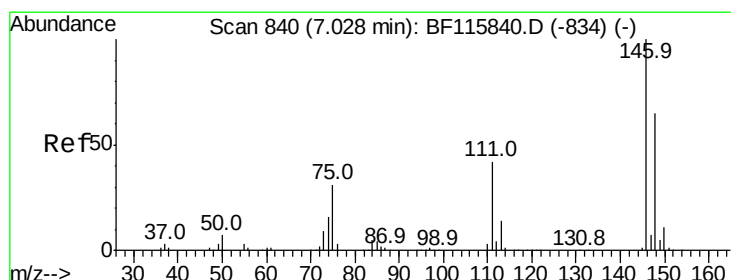
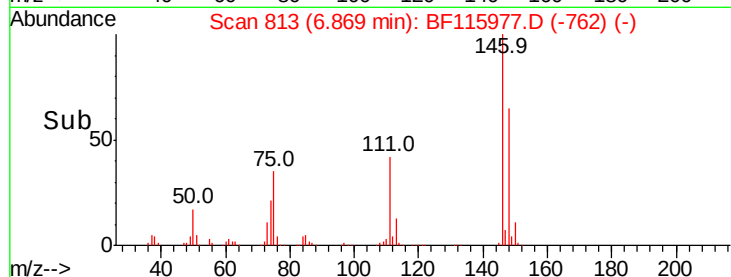
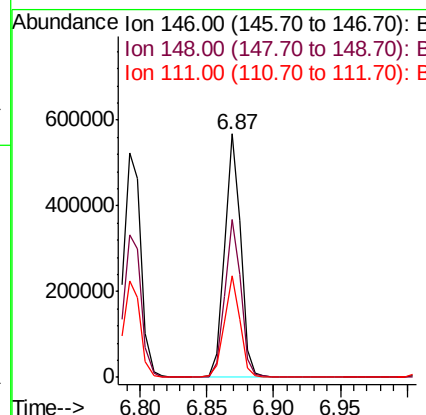
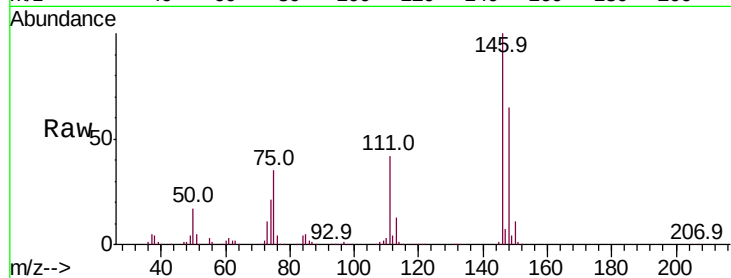
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:	146	Resp:	486069
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.2	76.8
111	41.6	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 45.084 ng

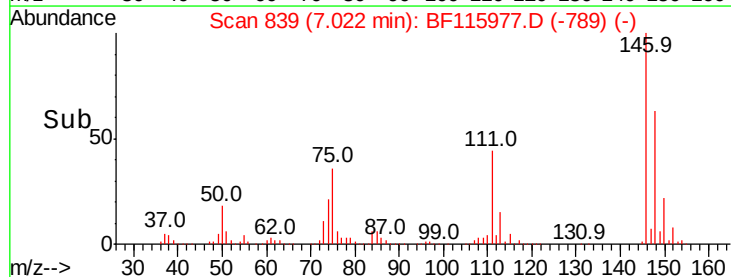
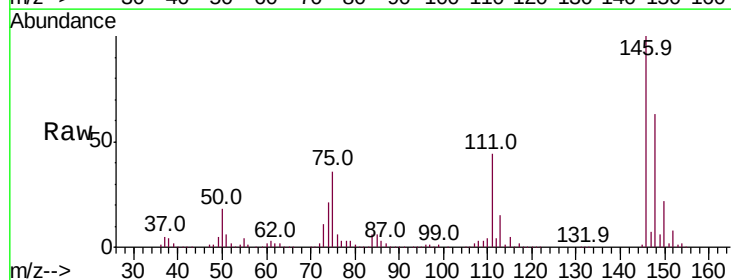
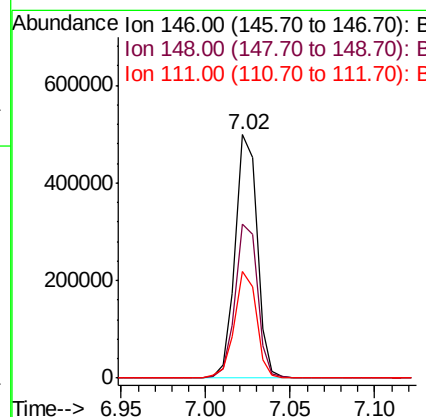
RT: 7.02 min Scan# 839

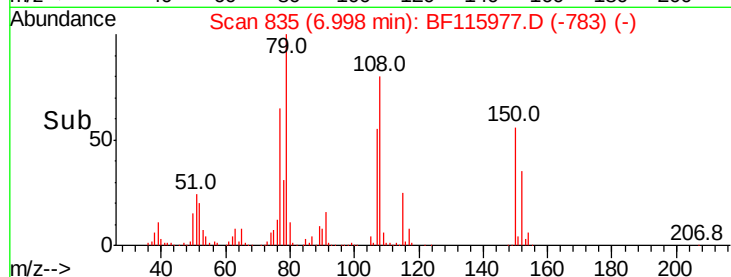
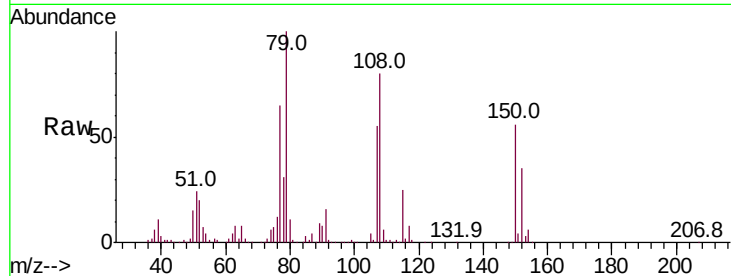
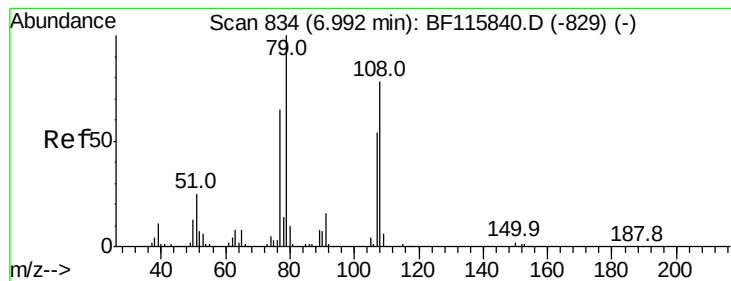
Delta R.T. -0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	146	Resp:	449956
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	43.9	33.6	50.4





#15

Benzyl Alcohol

Concen: 47.507 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tot Ion:	79	Resp:	385309
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.8	94.2
77	65.3	52.0	78.0

Instrument :

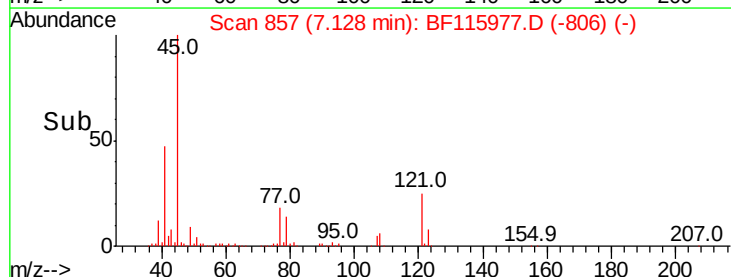
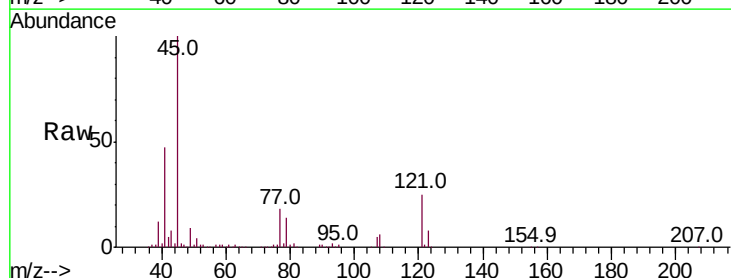
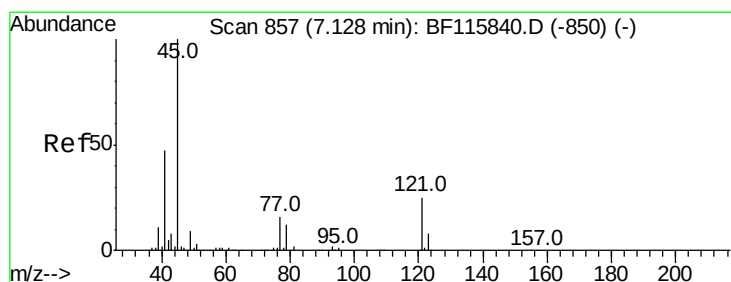
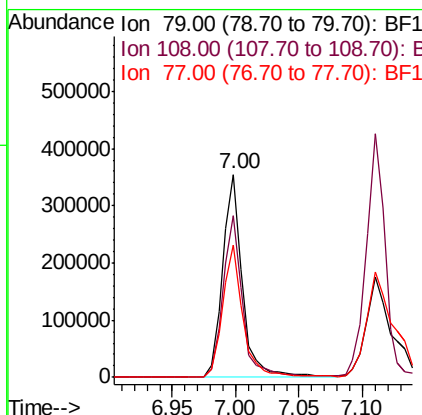
BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.251 ng

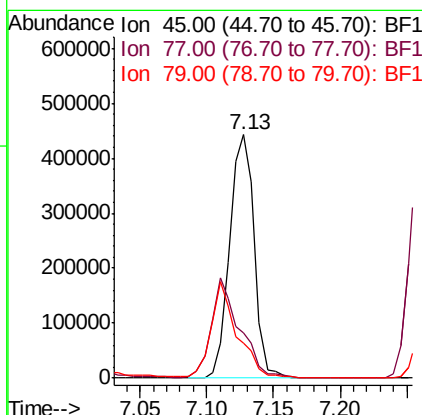
RT: 7.13 min Scan# 857

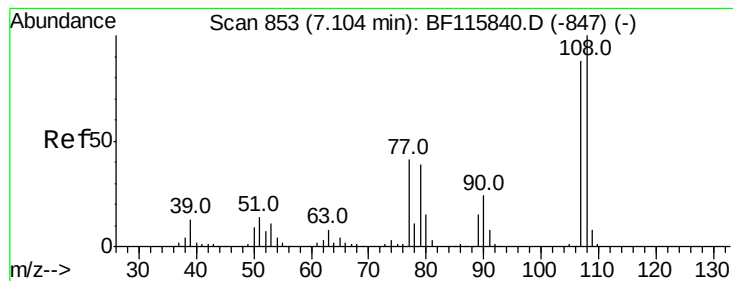
Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	45	Resp:	571111
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	36.3
79	14.3	0.0	32.5





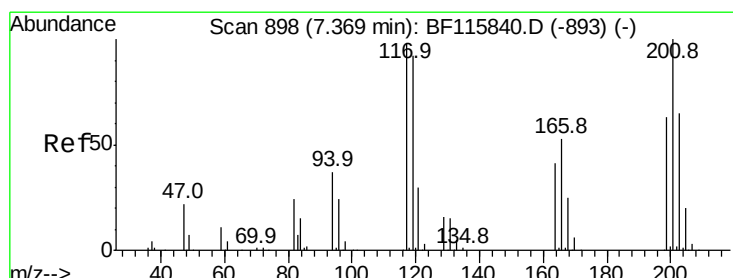
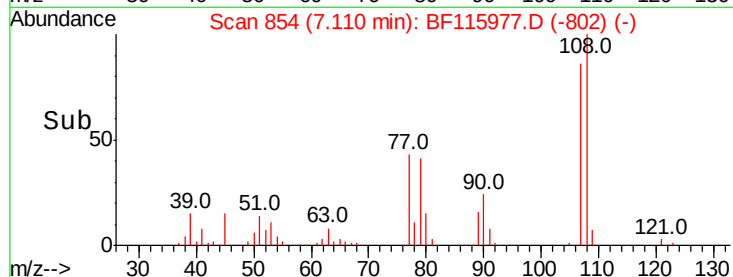
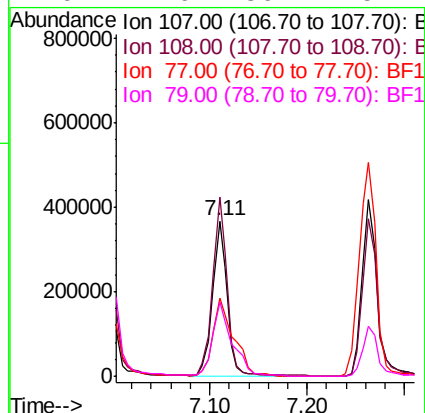
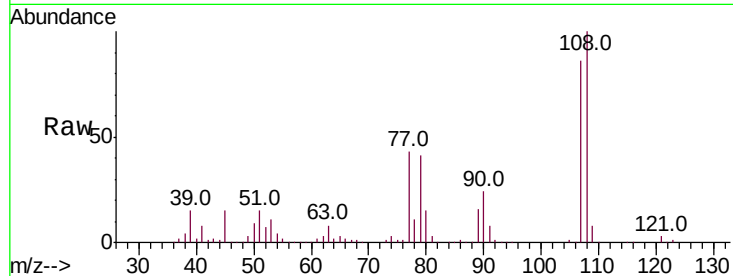
#17
2-Methylphenol
Concen: 48.207 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	107	Resp	382350
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.4	137.0
77	49.9	37.6	56.4
79	47.6	36.2	54.4

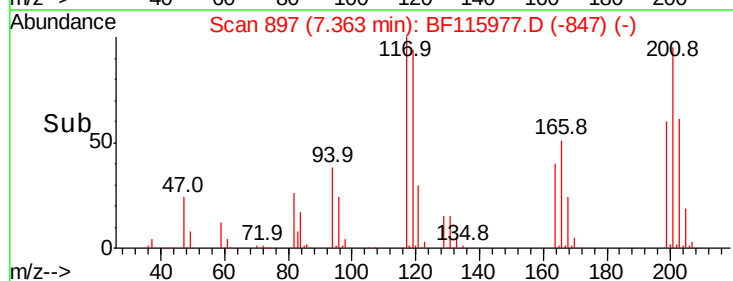
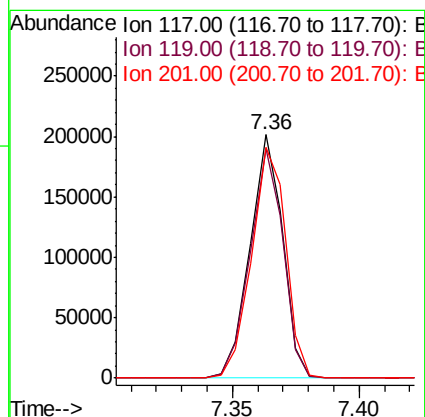
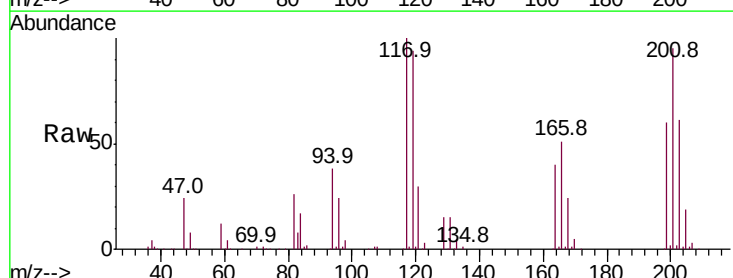
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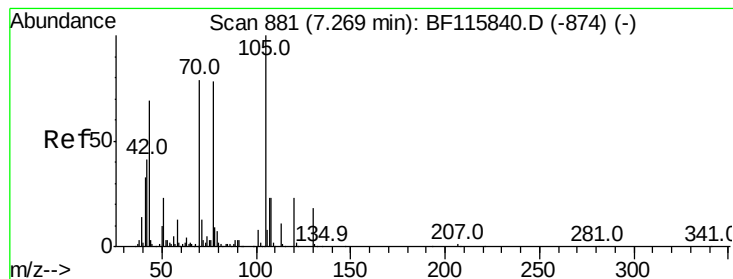
mohammad
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#18
Hexachloroethane
Concen: 45.398 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	117	Resp	181167
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.6
201	94.8	82.0	123.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.070 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

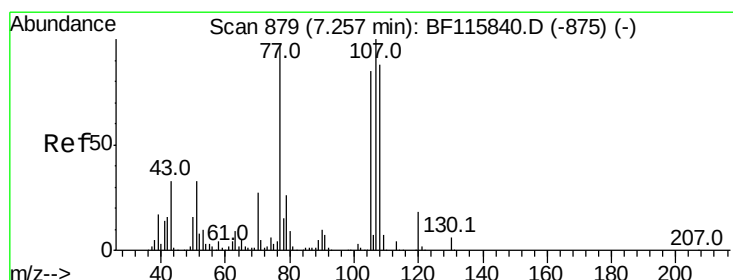
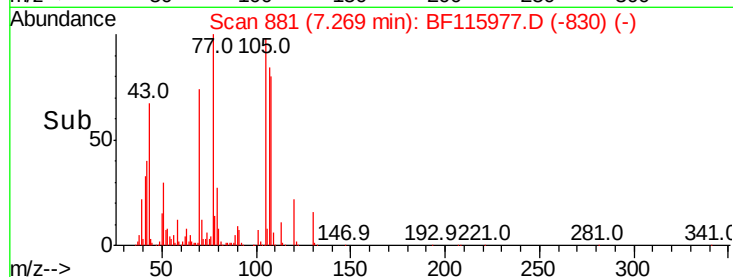
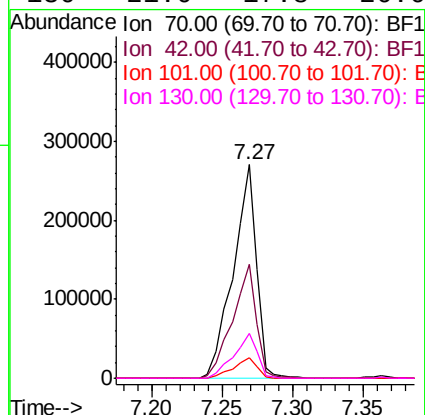
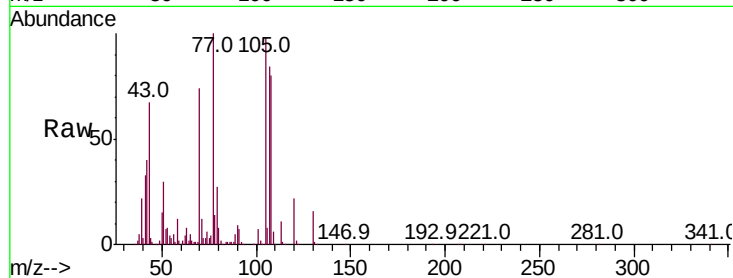
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	41.8	62.8	
101	9.6	7.7	11.5	
130	21.0	17.8	26.6	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 48.417 ng

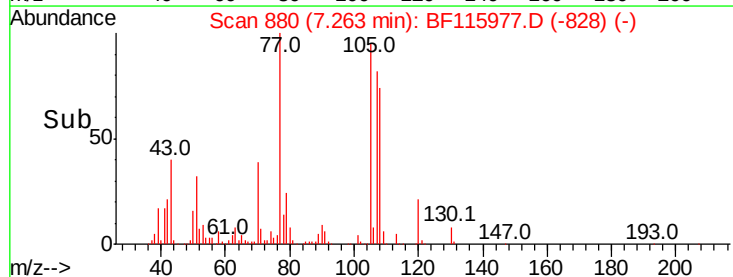
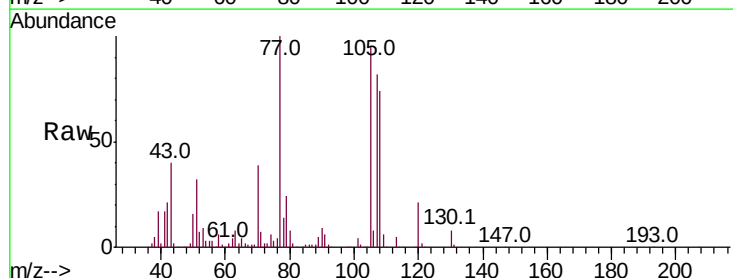
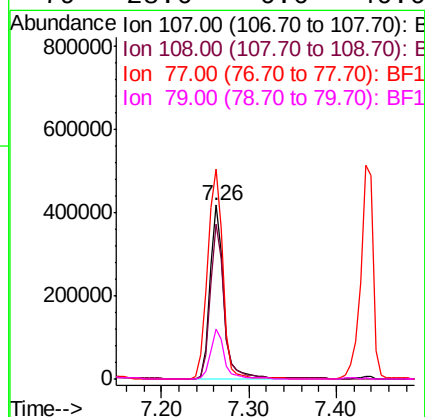
RT: 7.26 min Scan# 880

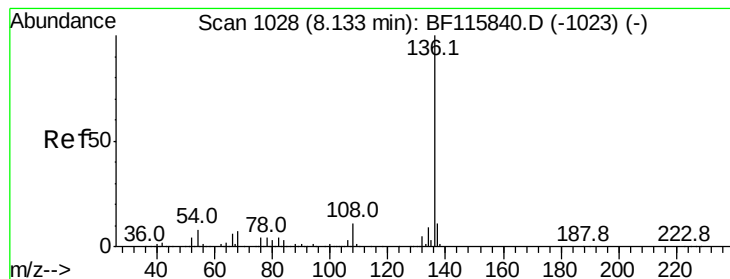
Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	67.9	107.9	
77	121.3	77.3	117.3#	
79	28.6	6.6	46.6	





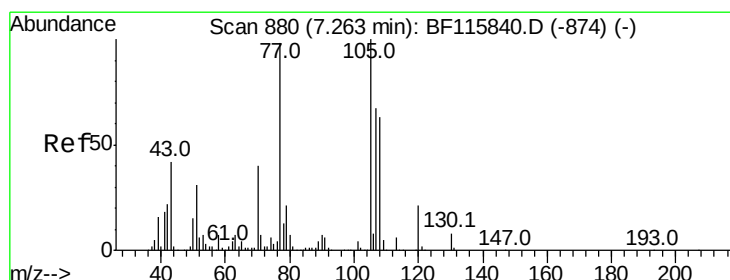
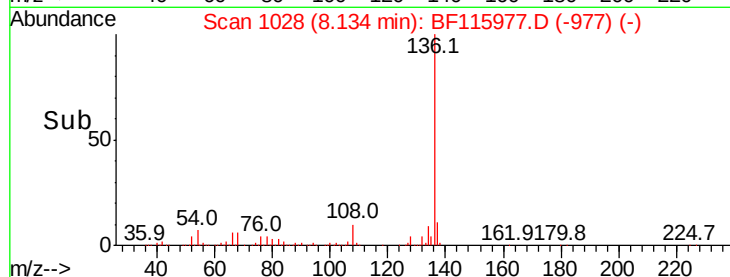
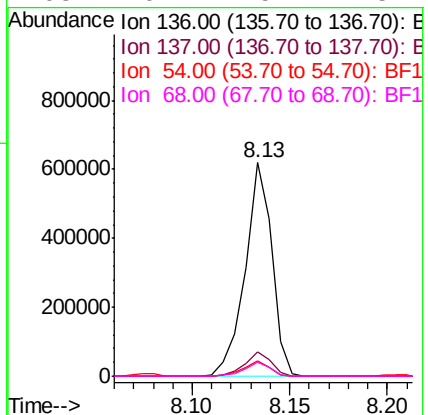
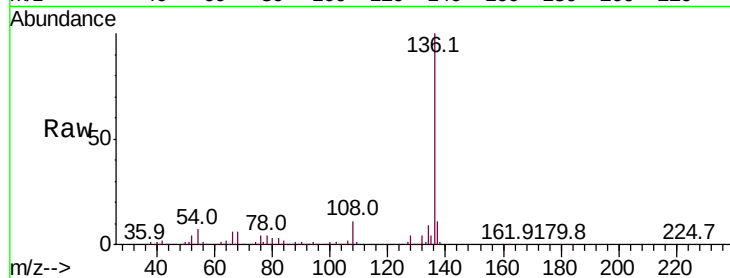
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	592206		
137	11.3		9.1	13.7
54	7.2		6.1	9.1
68	6.4		5.4	8.2

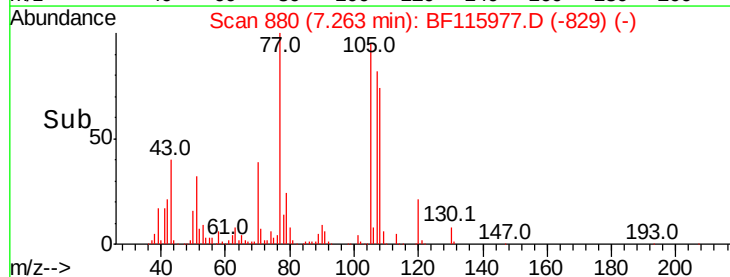
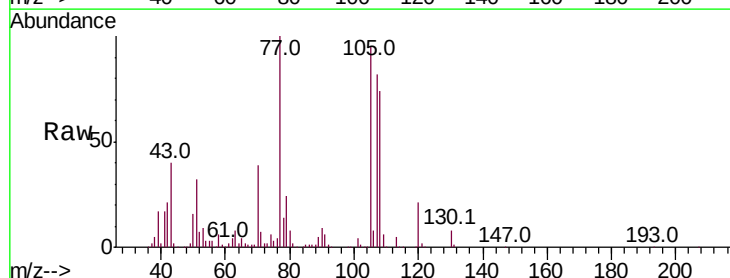
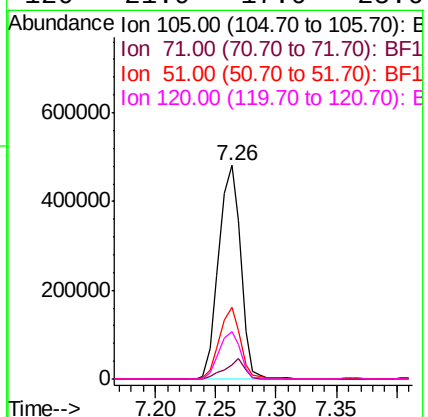
Manual Integrations
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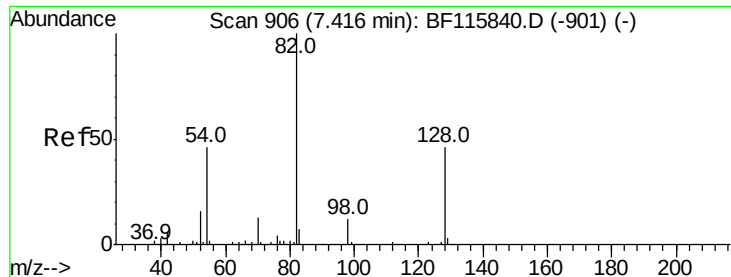
mohammad
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#22
Acetophenone
Concen: 46.622 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	605519		
71	6.9		5.4	8.0
51	33.3		24.6	36.8
120	21.9		17.0	25.6





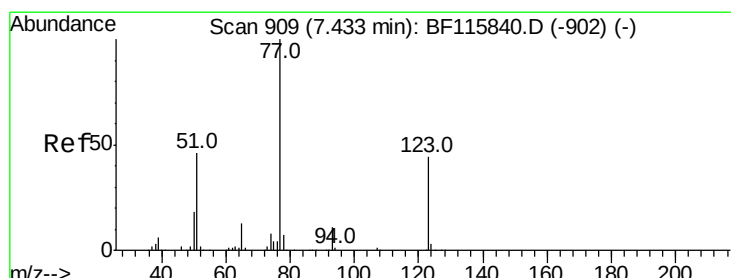
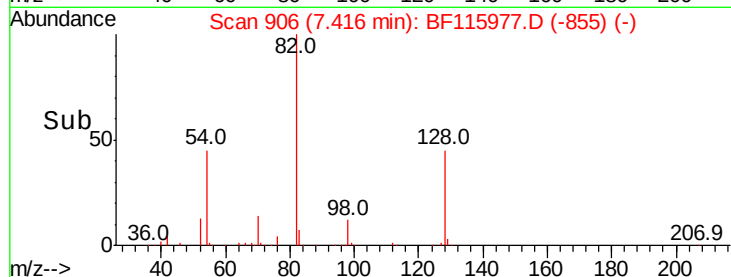
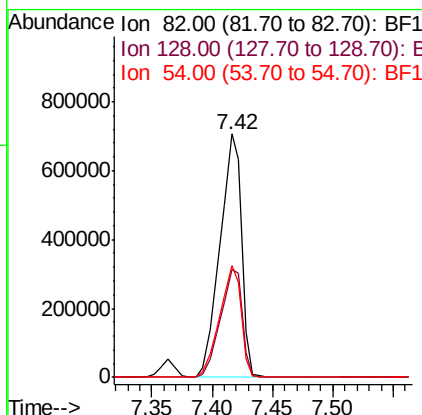
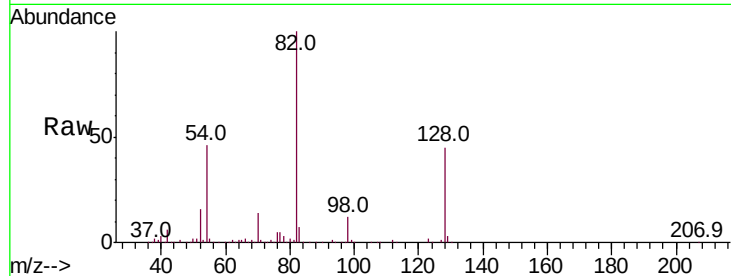
#23
 Nitrobenzene-d5
 Concen: 84.753 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.6	55.0
54	45.9	36.6	55.0

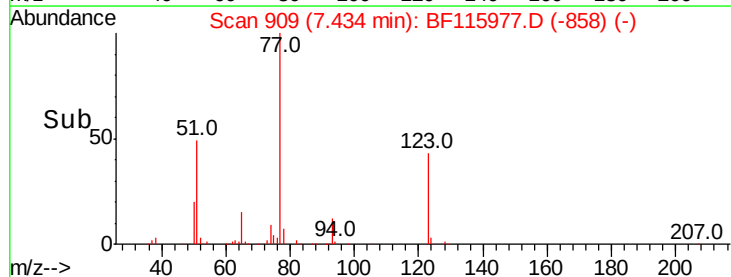
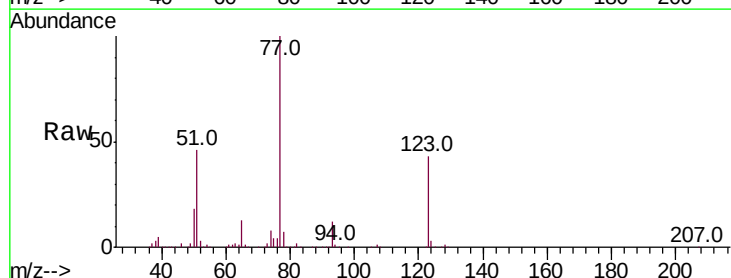
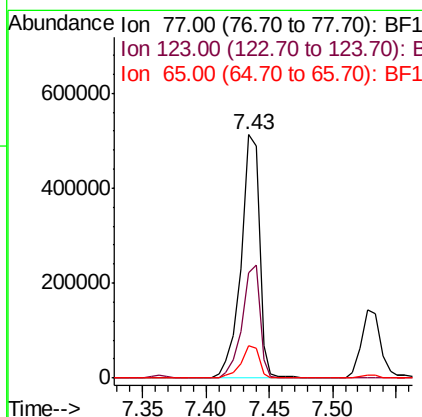
Manual Integrations
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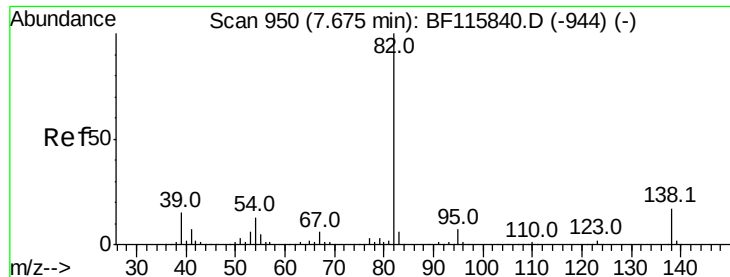
mohammad
 8/8/2019 4:45:24 PM



#24
 Nitrobenzene
 Concen: 46.288 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	35.5	53.3
65	13.4	10.6	15.8





#25

Isophorone

Concen: 47.319 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

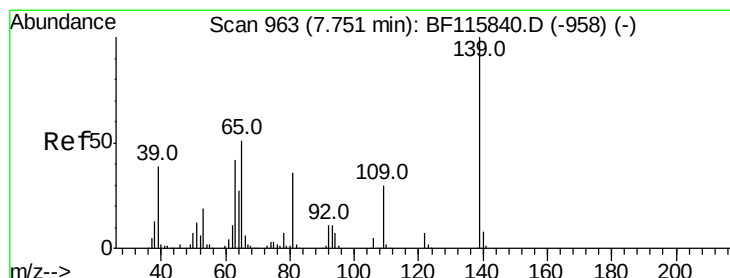
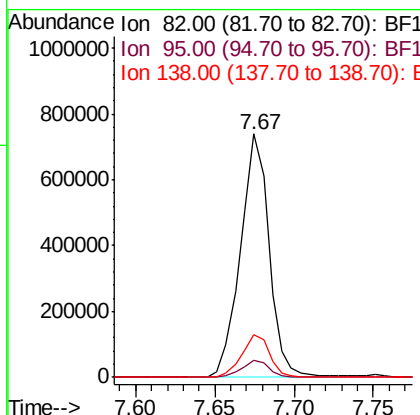
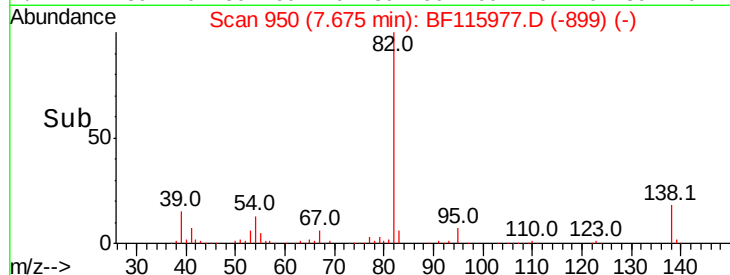
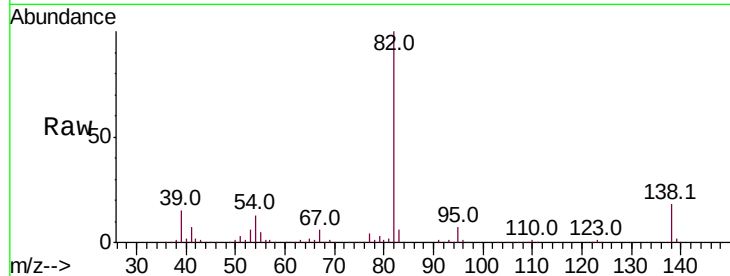
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion	82	Resp	928276
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.5	13.9	20.9

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#26

2-Nitrophenol

Concen: 48.658 ng

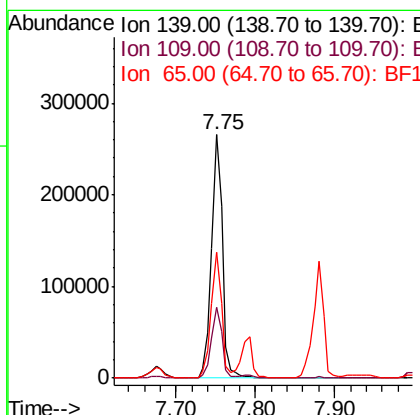
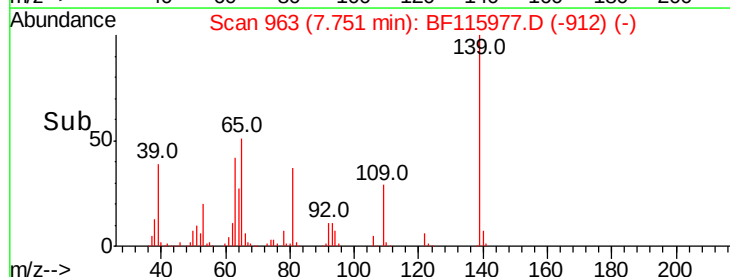
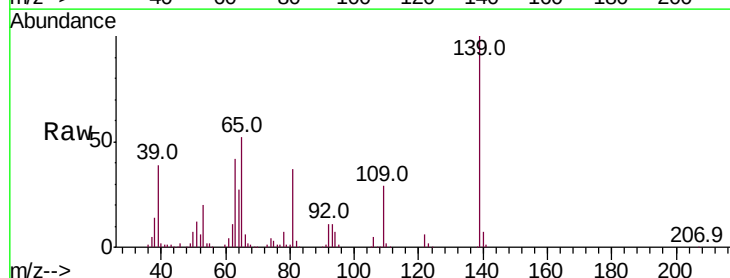
RT: 7.75 min Scan# 963

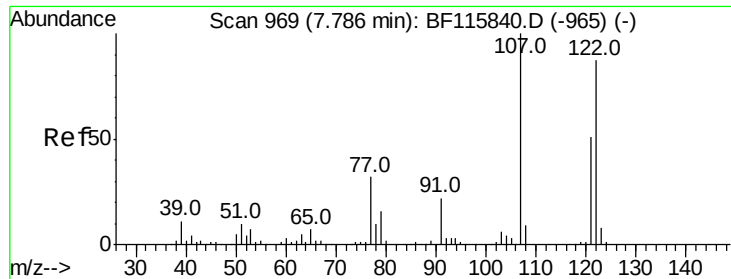
Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	139	Resp	254087
Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.6	35.4
65	51.9	40.6	60.8





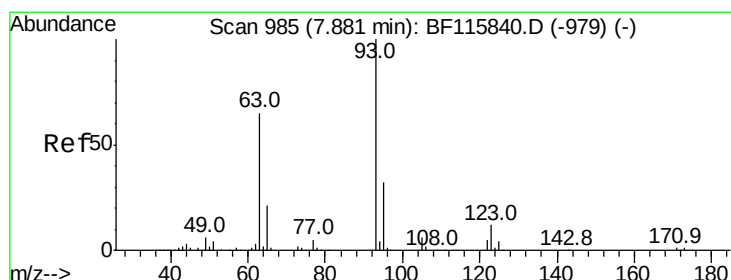
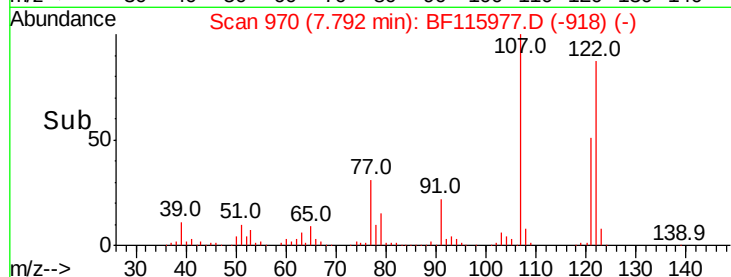
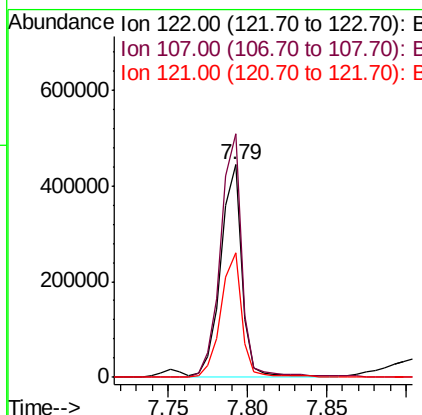
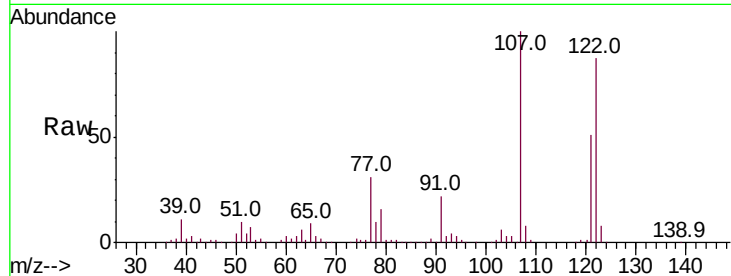
#27
 2,4-Dimethylphenol
 Concen: 52.636 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.7	137.5
121	58.8	46.6	70.0

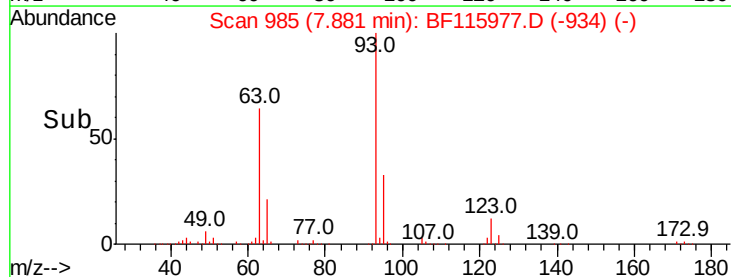
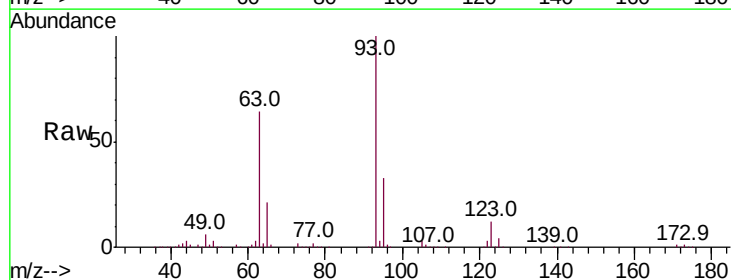
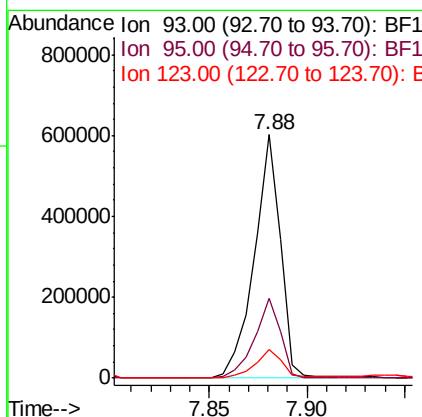
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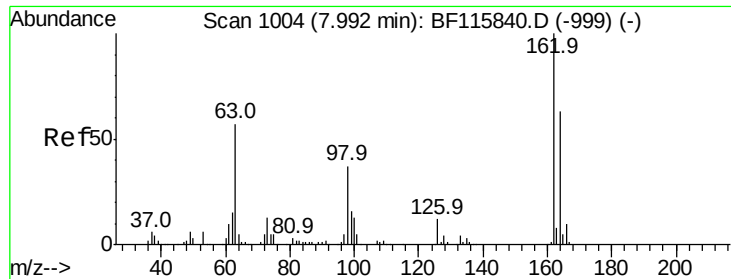
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.976 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.8	9.5	14.3





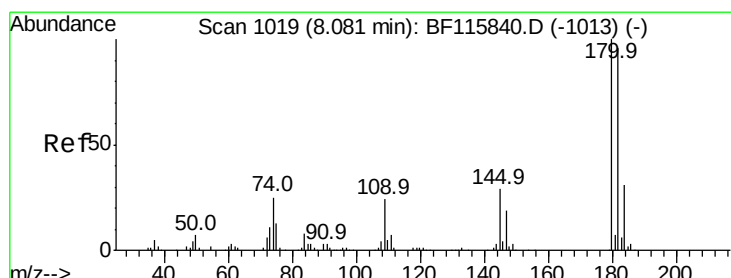
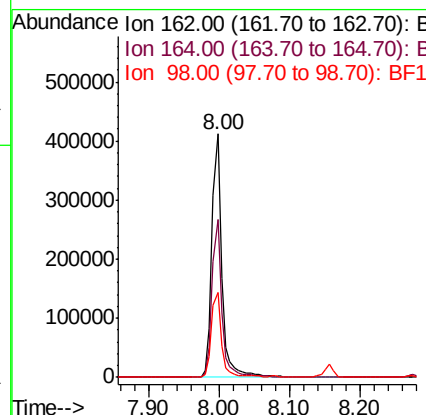
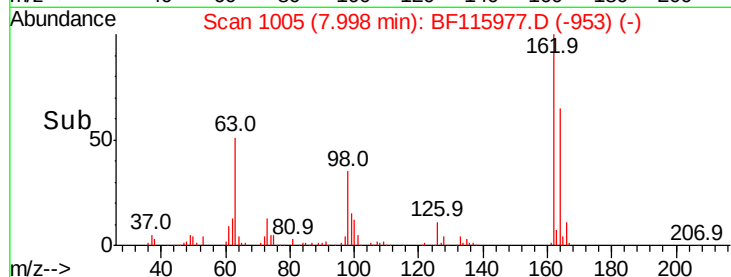
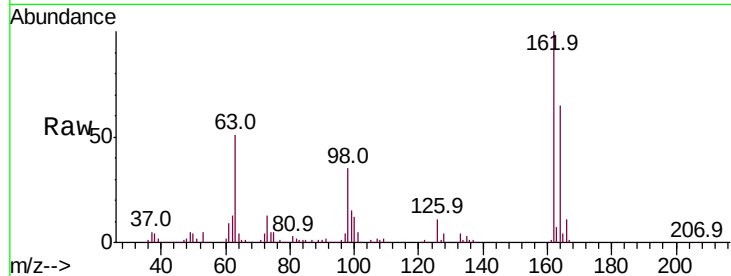
#29
 2,4-Dichlorophenol
 Concen: 48.688 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	403869		
164	64.9	43.2	83.2	
98	34.7	17.3	57.3	

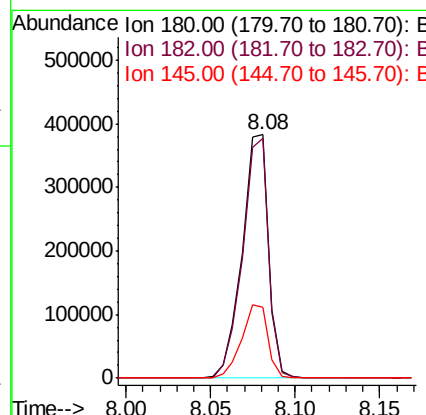
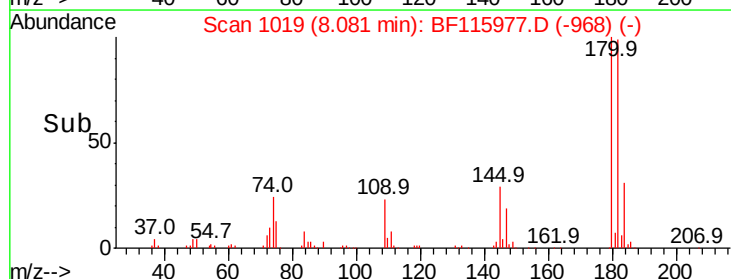
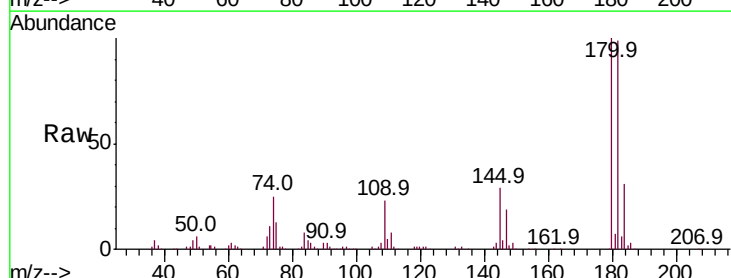
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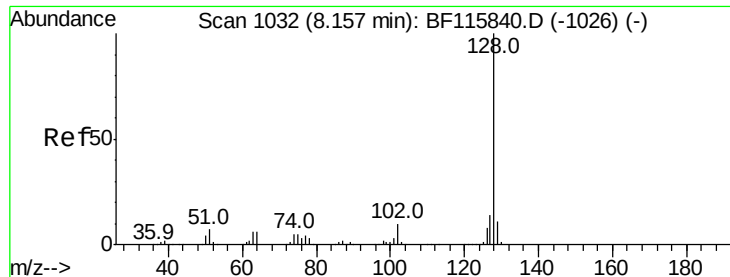
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.454 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	420340		
182	98.6	76.6	114.8	
145	29.3	23.2	34.8	





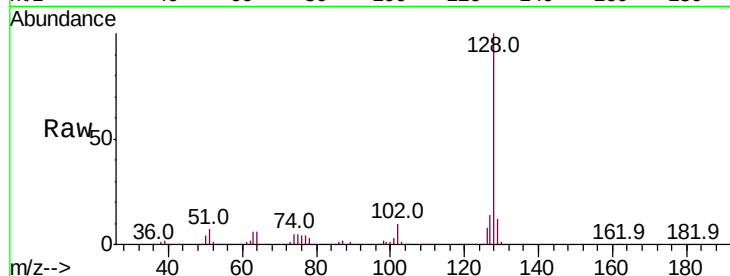
#31
Naphthalene
Concen: 46.512 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

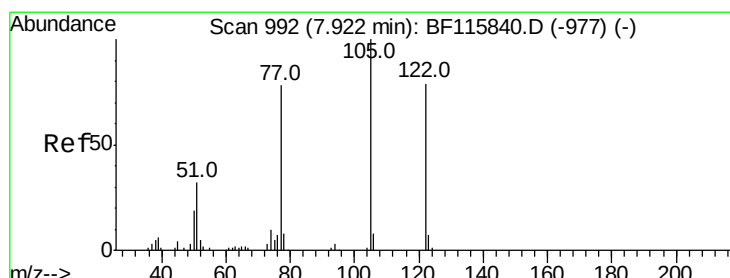
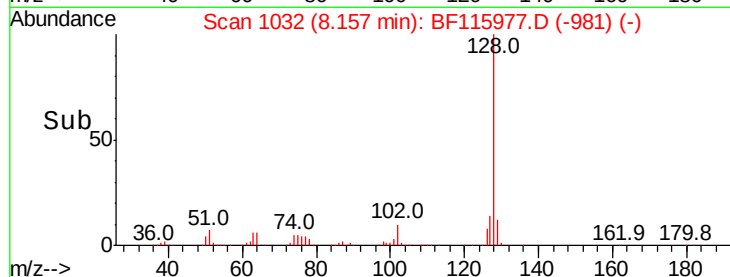
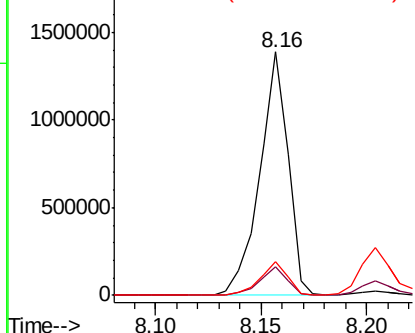
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.9	11.0	16.4

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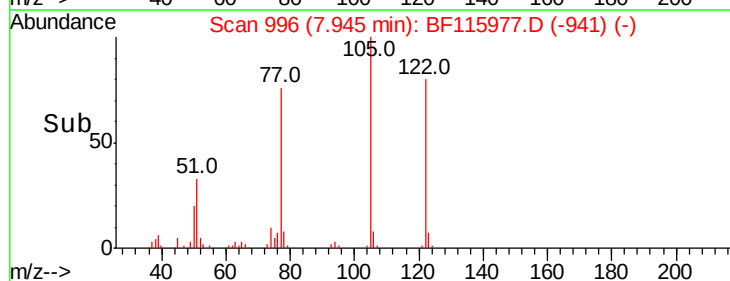
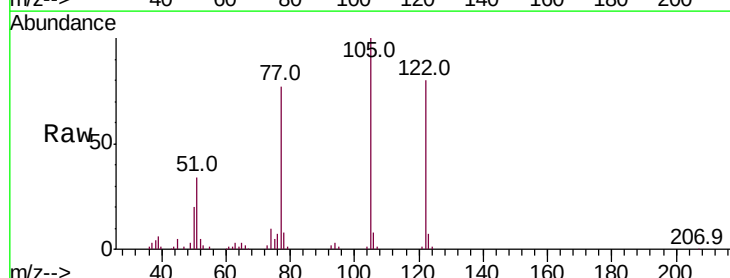
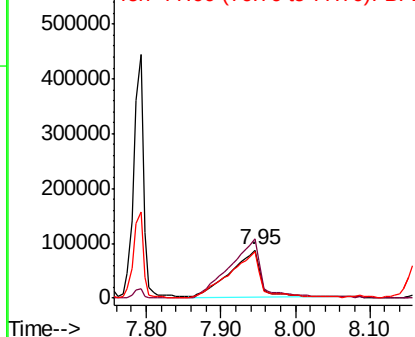
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

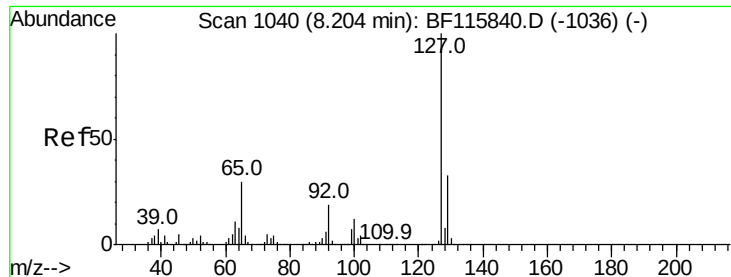


#32
Benzoic acid
Concen: 45.616 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	103.1	143.1
77	96.2	76.8	116.8

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





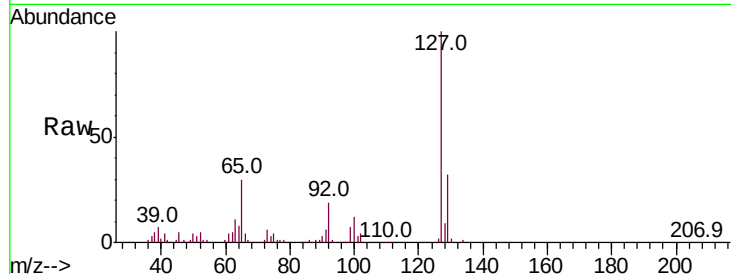
#33
4-Chloroaniline
Concen: 26.152 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.0	39.0	
65	30.4	23.9	35.9	
92	18.5	14.9	22.3	

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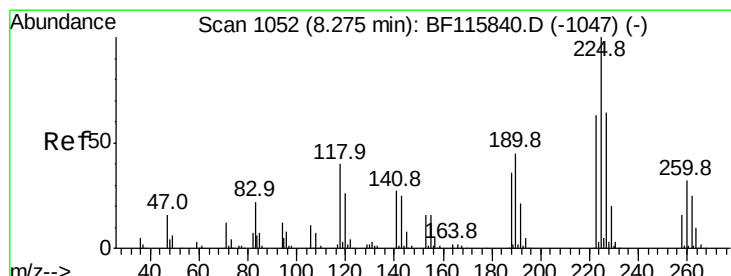
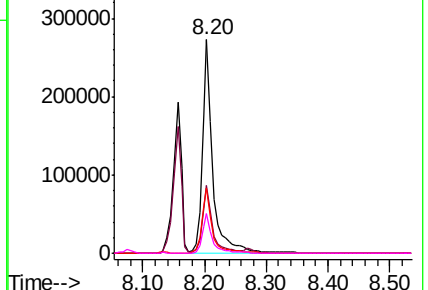
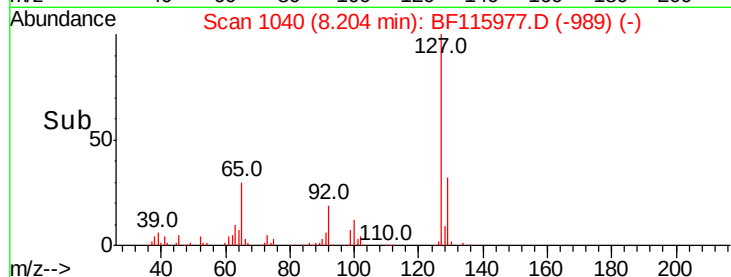
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

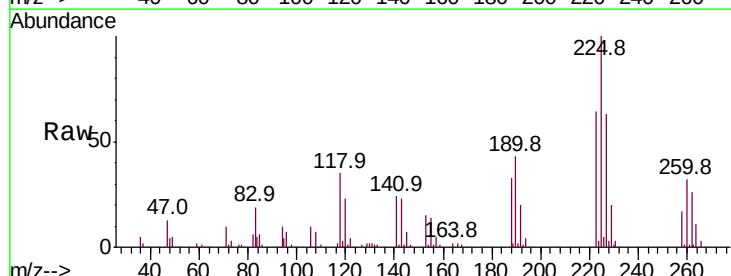
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.118 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.4	75.6	
227	63.4	51.6	77.4	

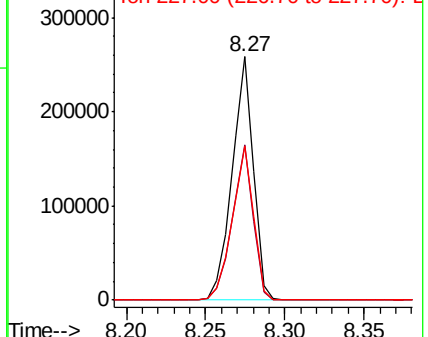
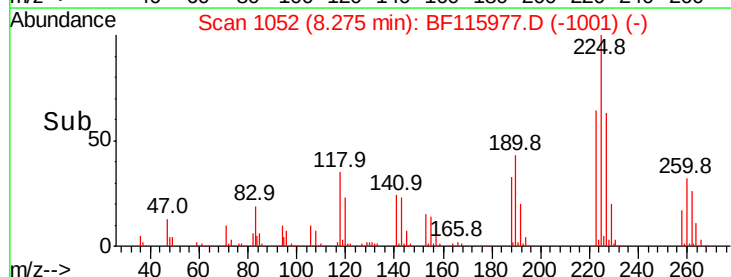


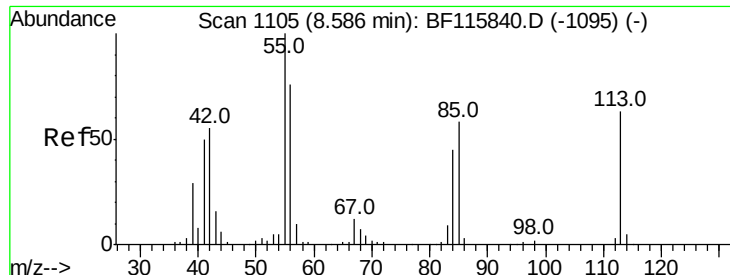
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





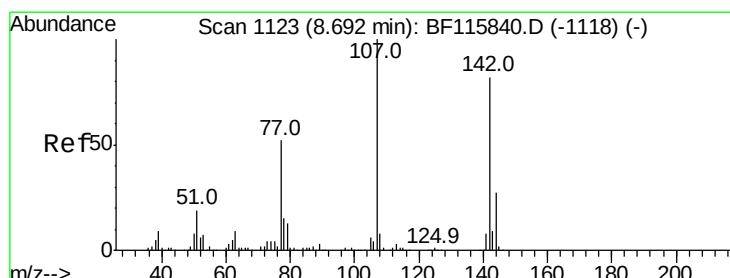
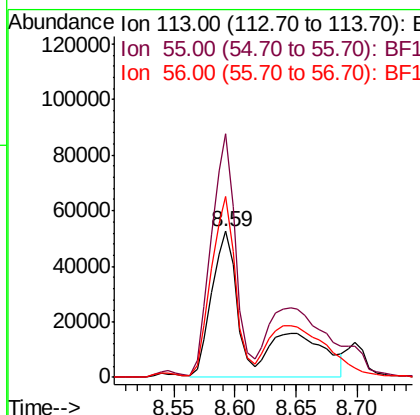
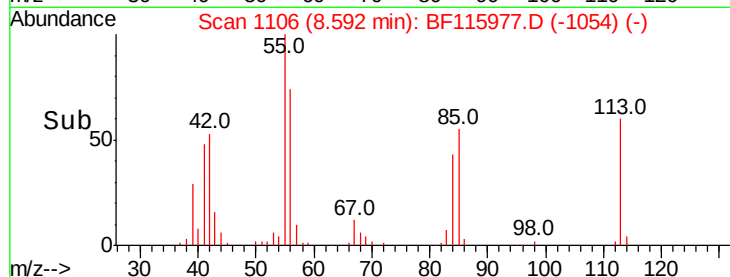
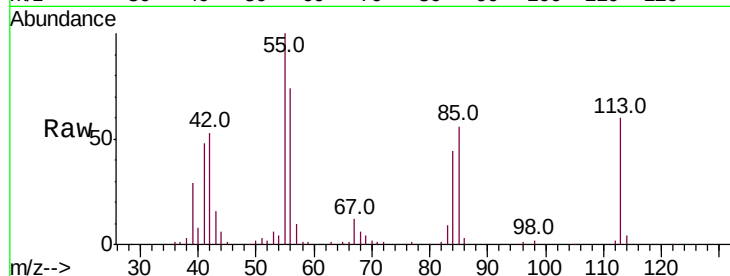
#35
 Caprolactam
 Concen: 46.358 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.5	138.1	178.1
56	123.5	100.6	140.6

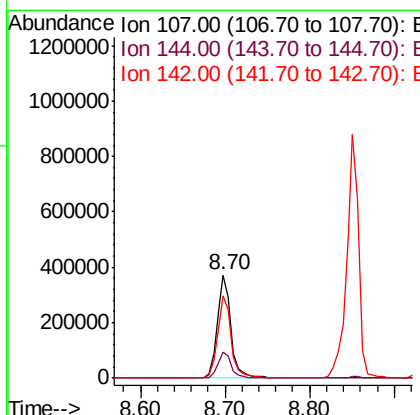
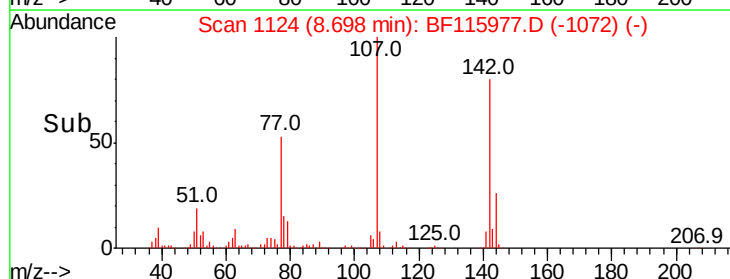
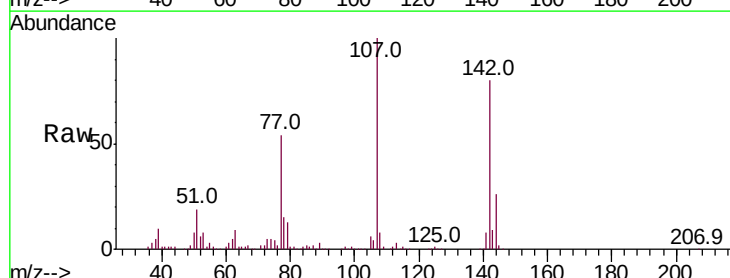
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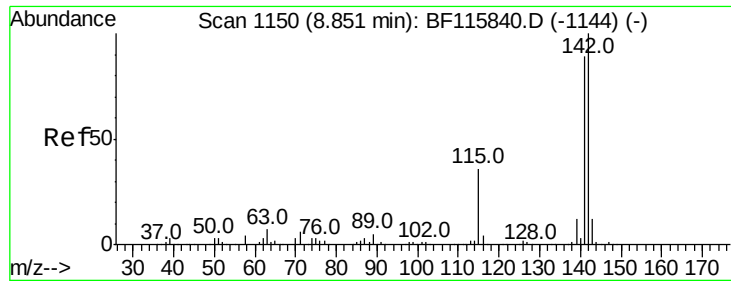
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#36
 4-Chloro-3-methylphenol
 Concen: 50.220 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.4	32.0
142	79.7	65.5	98.3





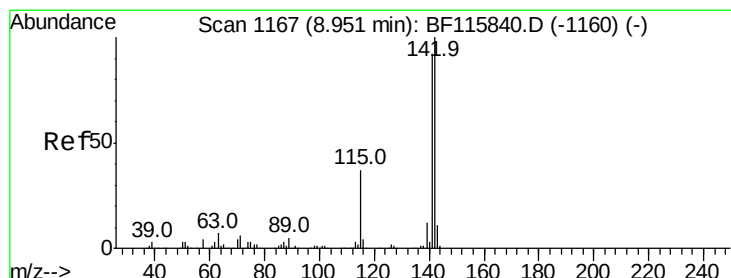
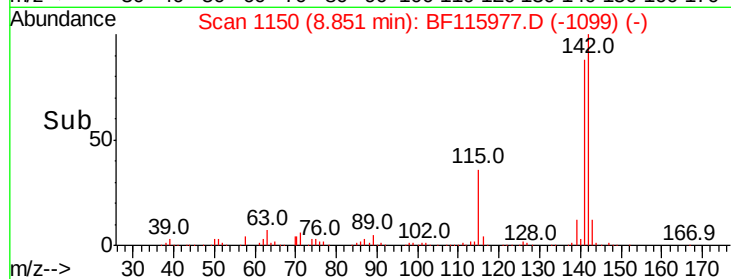
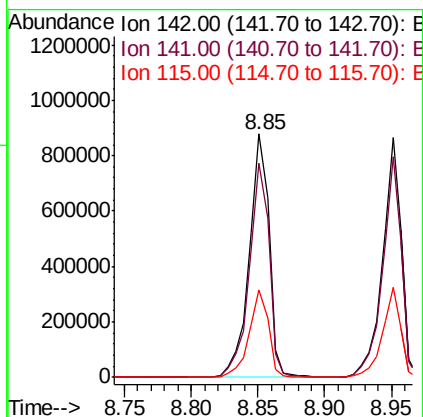
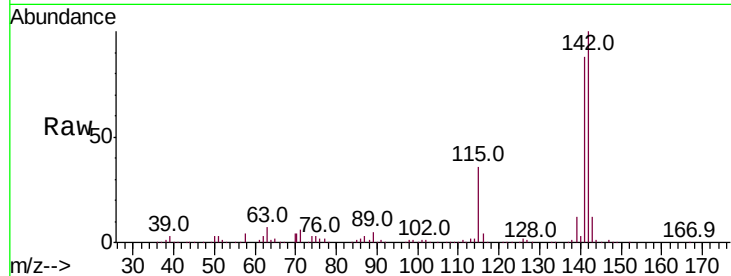
#37
2-Methylnaphthalene
Concen: 48.393 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	888183		
141	88.0		71.4	107.2
115	36.0		28.9	43.3

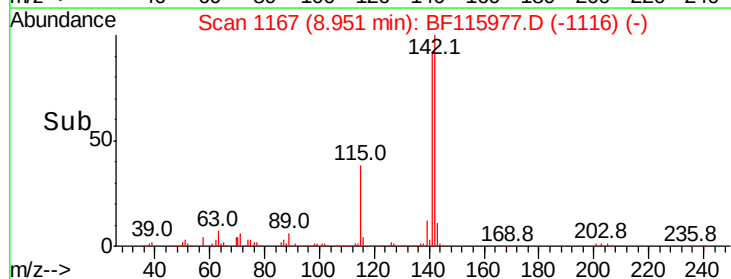
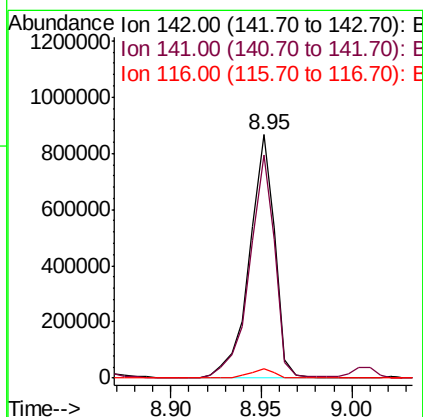
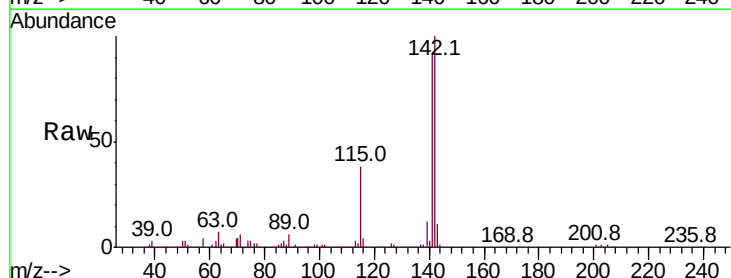
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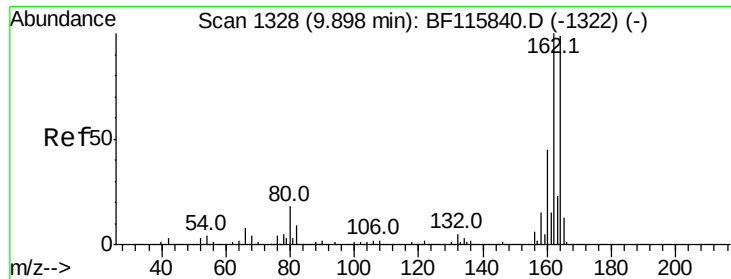
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#38
1-Methylnaphthalene
Concen: 47.846 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	830746		
141	91.6		73.8	110.6
116	4.0		3.1	4.7





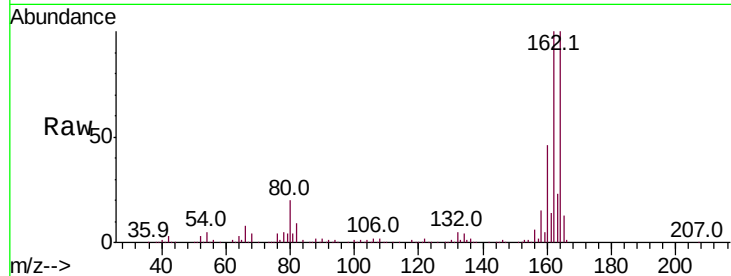
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.8	121.2
160	46.1	36.2	54.4

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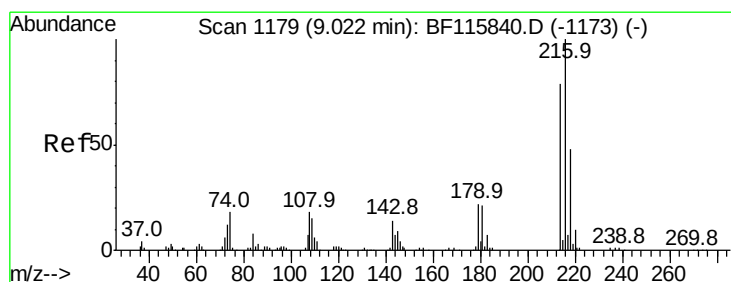
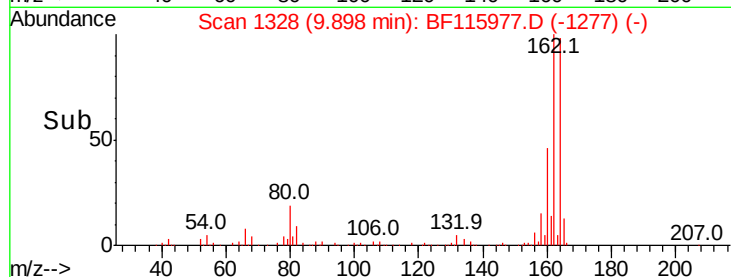
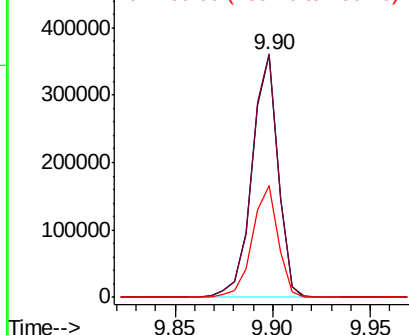


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.111 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.2	17.6	26.4
108	21.8	16.1	24.1

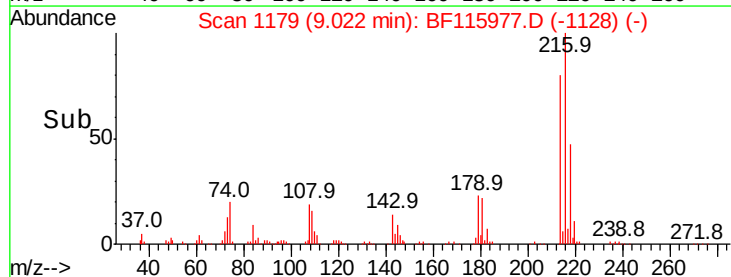
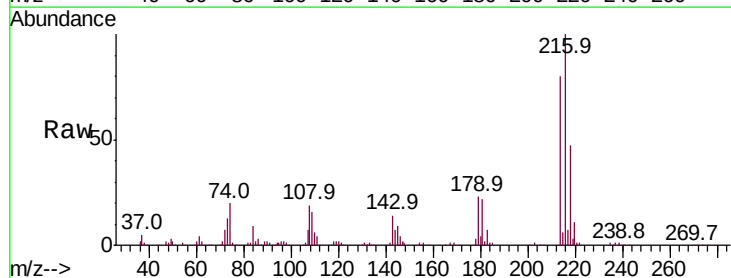
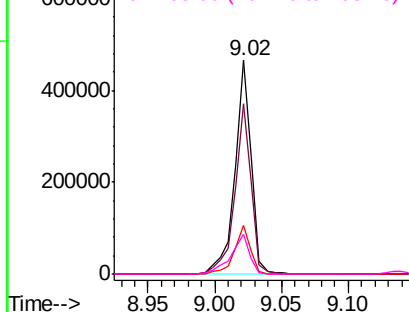
Abundance

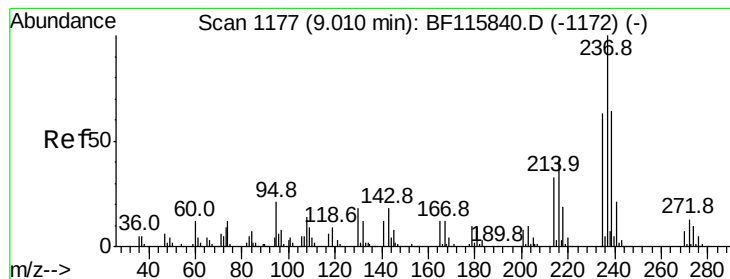
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.730 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

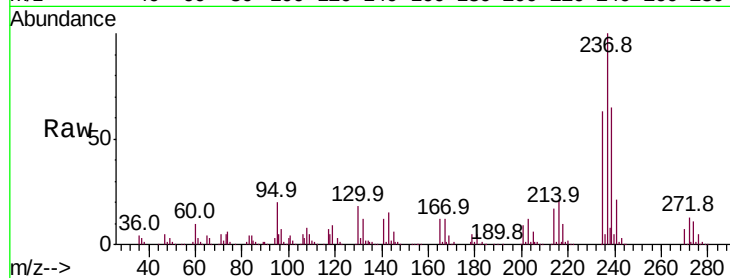
ClientSampleId :

IDOC BS-SOIL03-RC

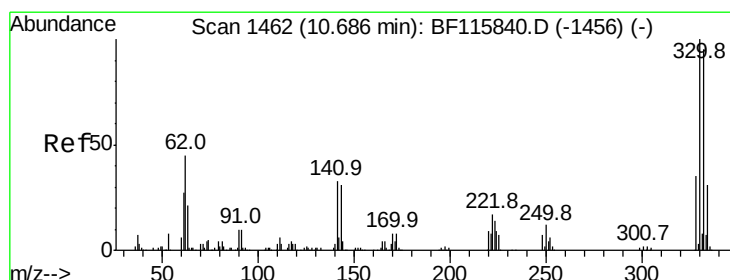
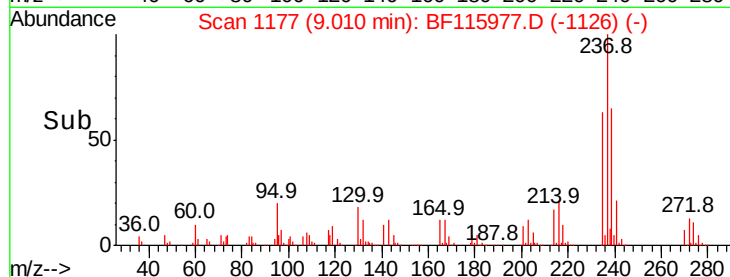
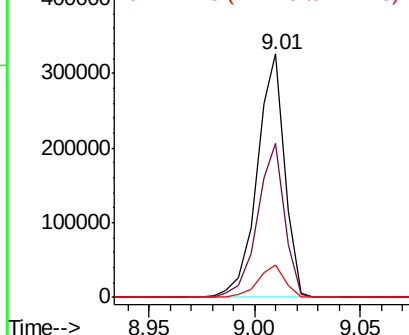
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.1	42.5	82.5
272	13.2	0.0	33.3

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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: 121.245 ng

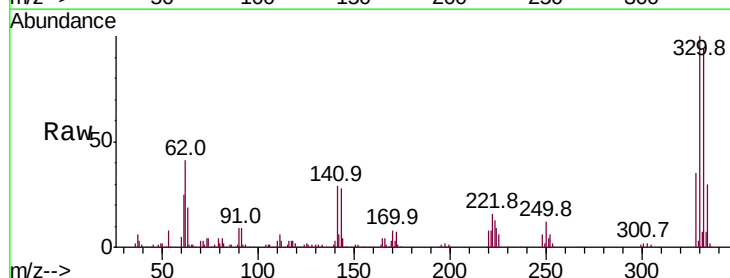
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

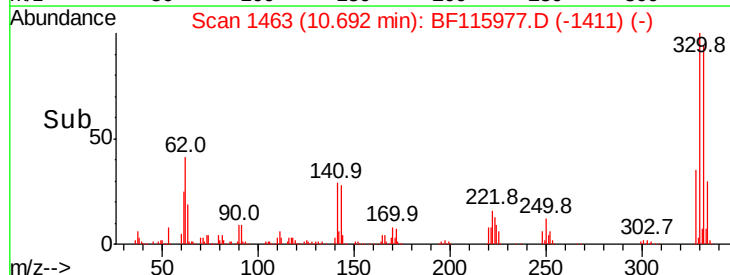
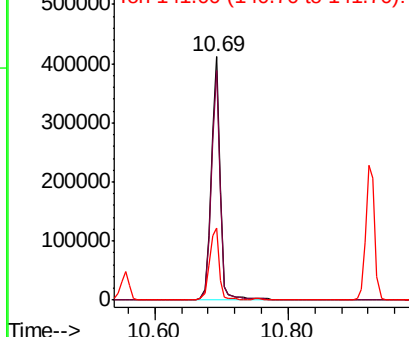
Lab File: BF115977.D

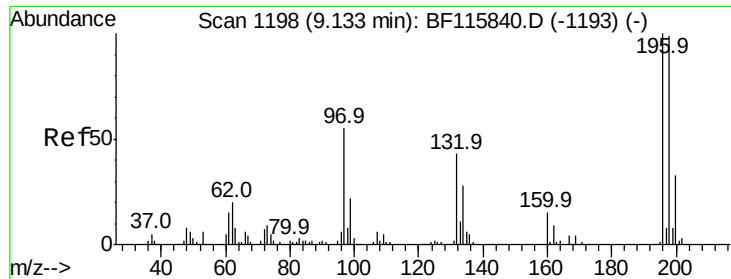
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.0	77.7	116.5
141	32.3	28.1	42.1



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





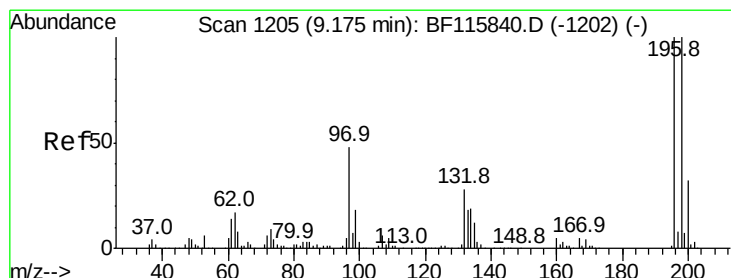
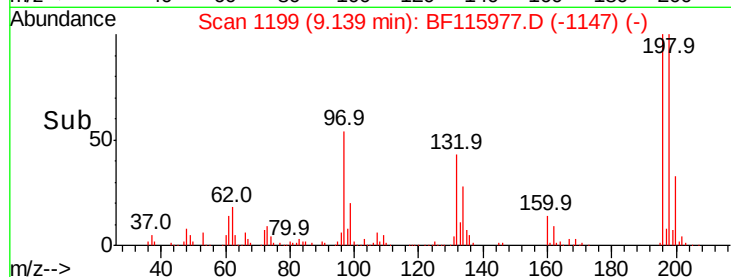
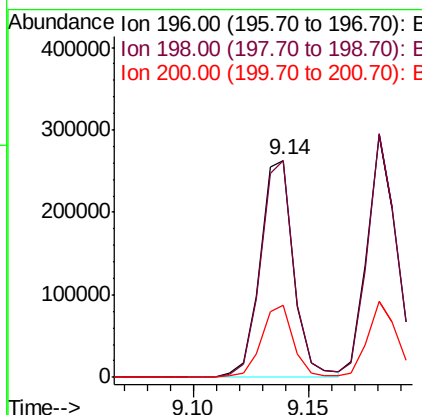
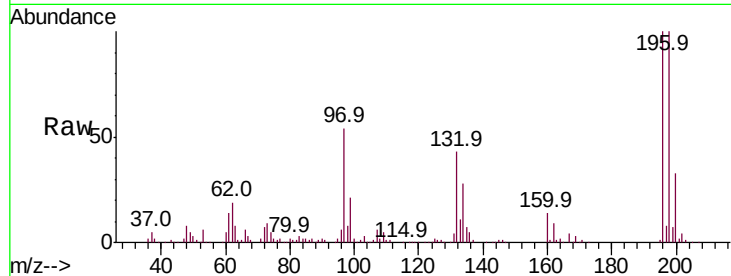
#43
 2,4,6-Trichlorophenol
 Concen: 43.907 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267545		
198	100.1	79.1	118.7	
200	33.2	26.0	39.0	

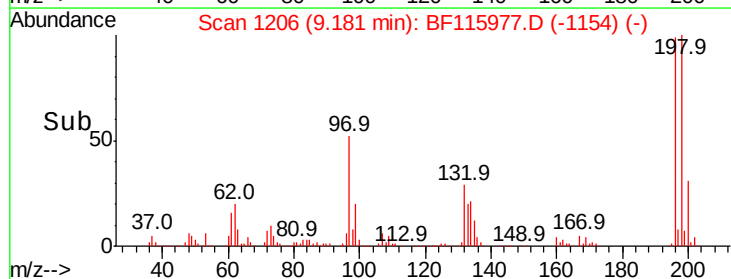
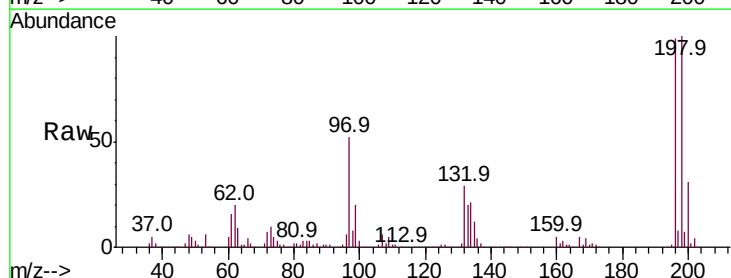
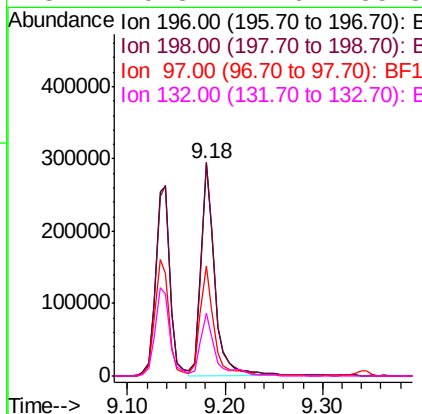
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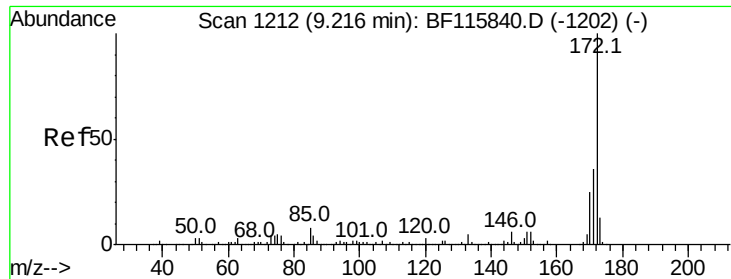
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.937 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289350		
198	100.7	80.1	120.1	
97	52.2	38.9	58.3	
132	29.3	22.6	33.8	





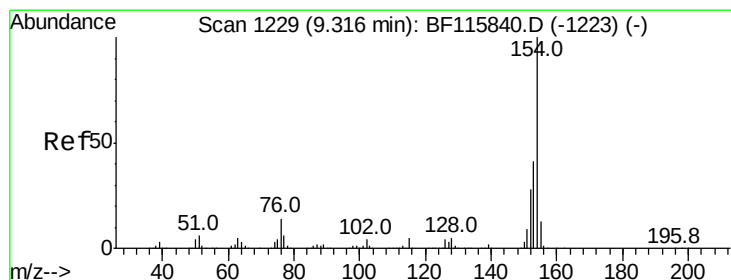
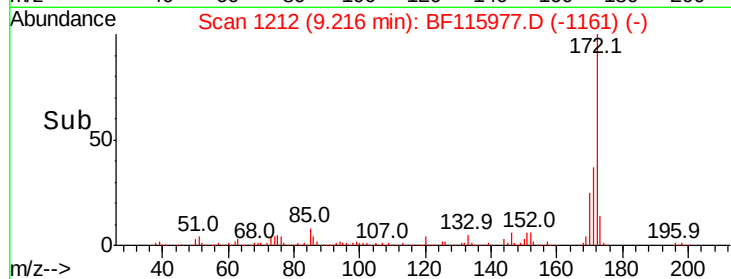
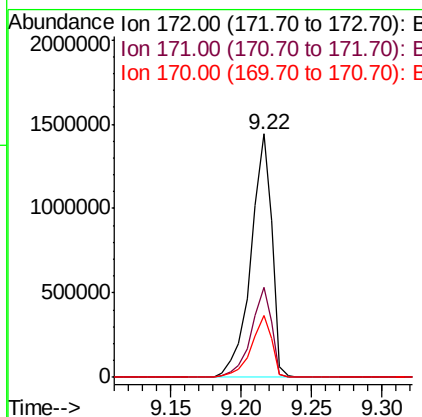
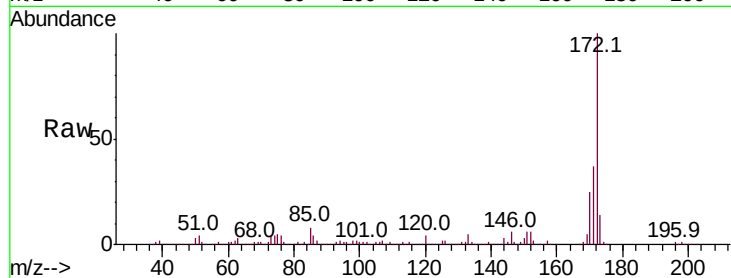
#45
2-Fluorobiphenyl
Concen: 85.207 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.2	20.1	30.1

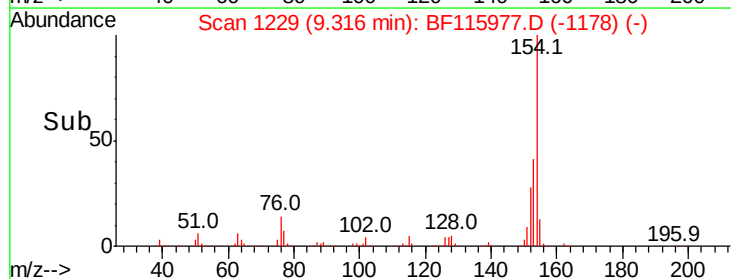
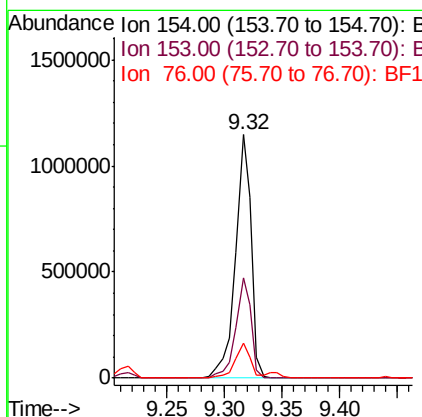
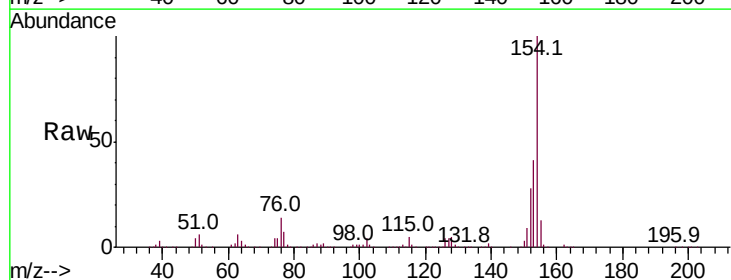
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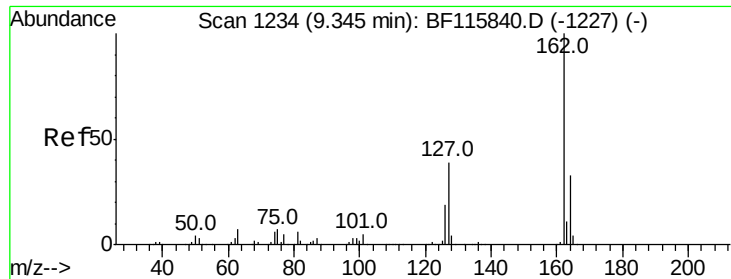
mohammad
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#46
1,1'-Biphenyl
Concen: 45.870 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.4	0.0	34.3





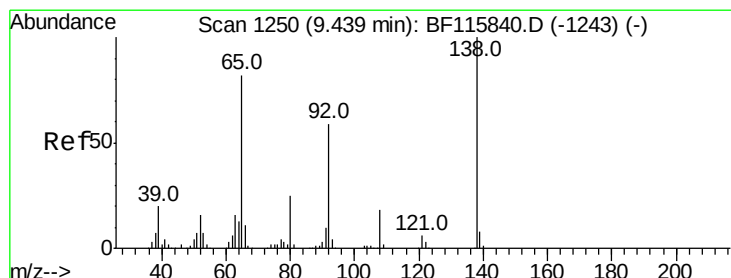
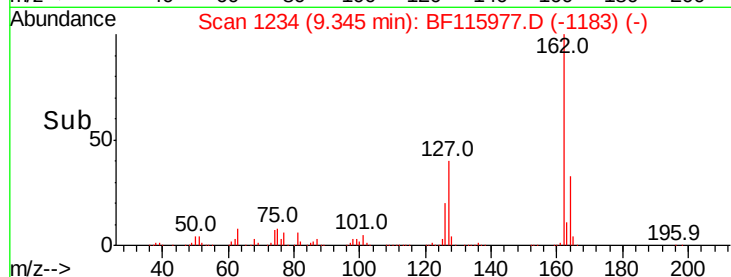
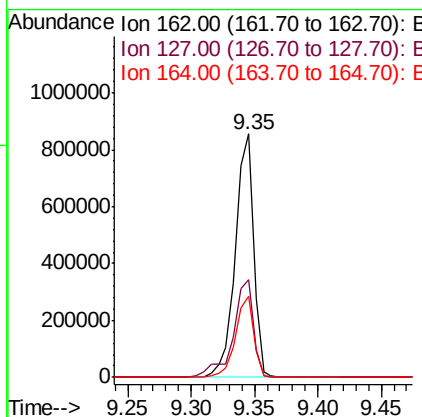
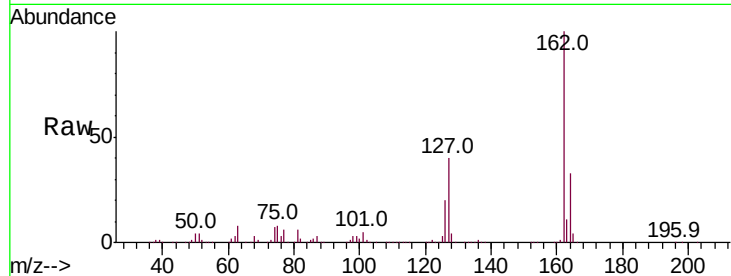
#47
 2-Chloronaphthalene
 Concen: 43.611 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	848573		
127	40.2		31.3	46.9
164	33.4		26.6	40.0

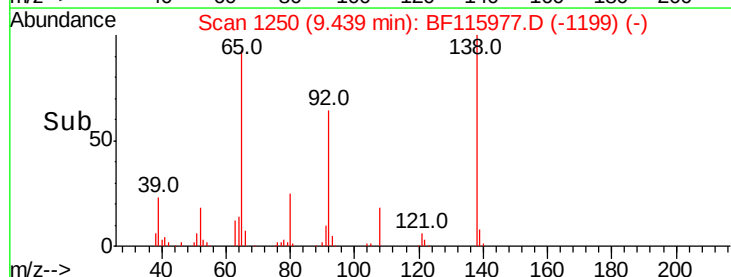
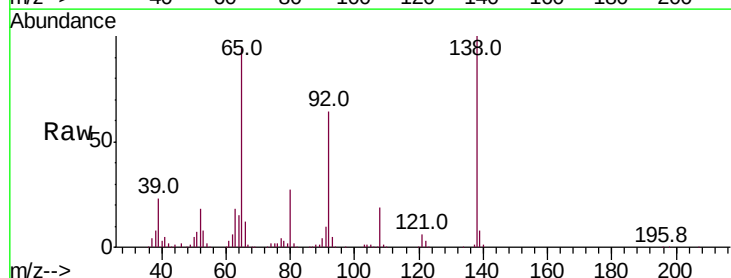
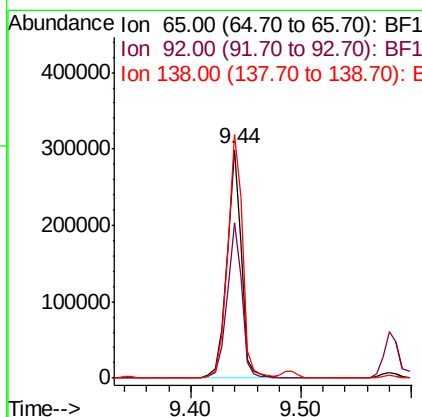
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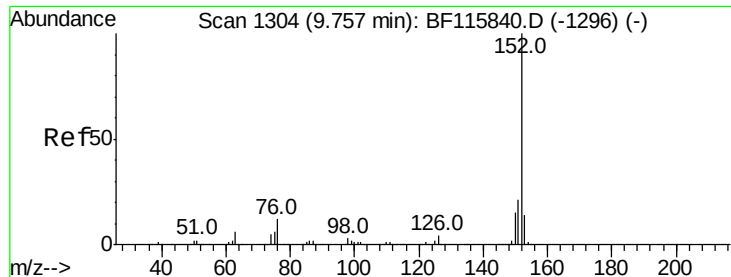
mohammad
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#48
 2-Nitroaniline
 Concen: 42.655 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	274337		
92	67.9		57.1	85.7
138	106.5		97.1	145.7





#49

Acenaphthylene

Concen: 45.844 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:152 Resp: 1301391

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

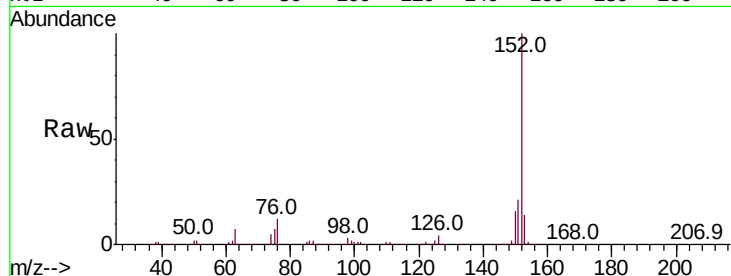
153 14.3 11.6 17.4

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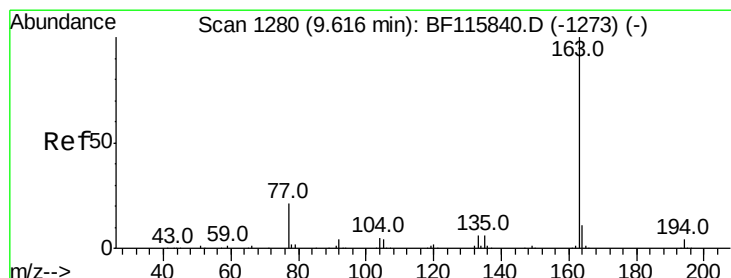
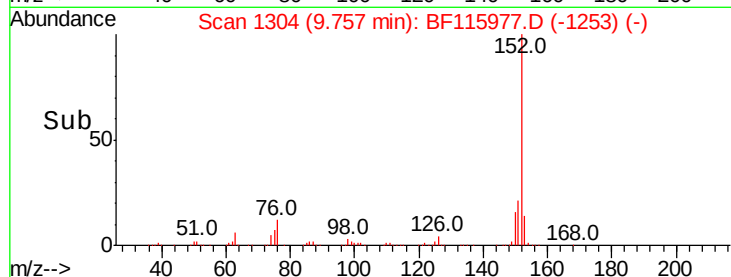
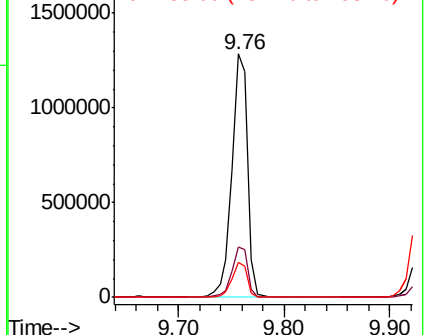
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.609 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

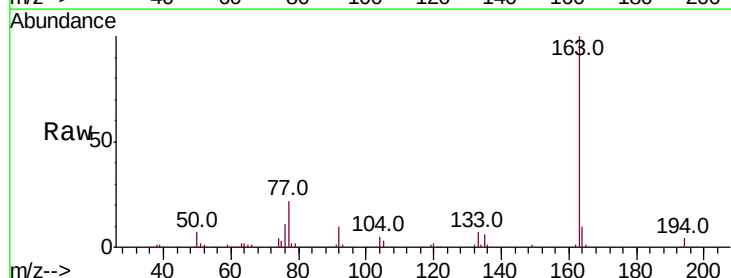
Tgt Ion:163 Resp: 1028341

Ion Ratio Lower Upper

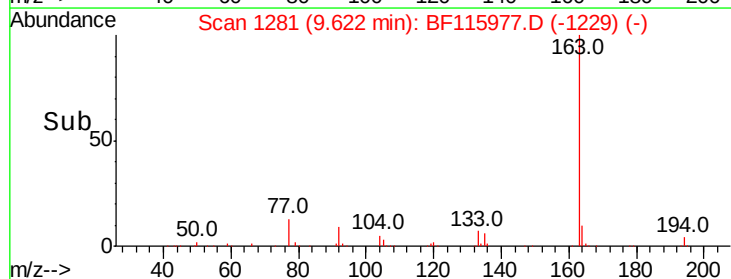
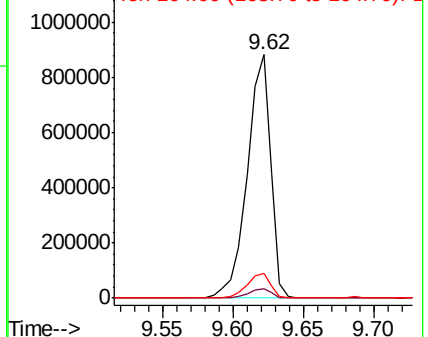
163 100

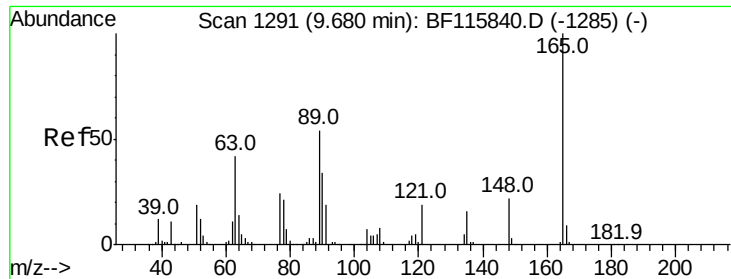
194 4.0 3.0 4.6

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.789 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:165 Resp: 229261

Ion Ratio Lower Upper

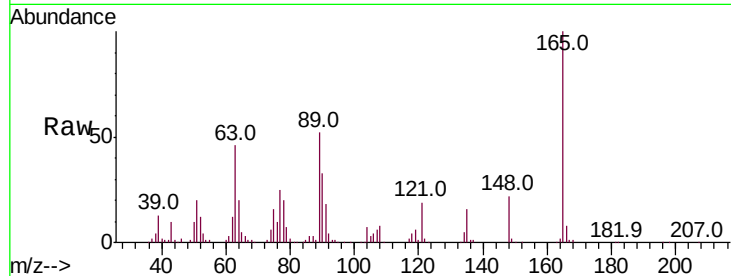
165 100

63 45.8 39.4 59.2

89 52.1 43.0 64.6

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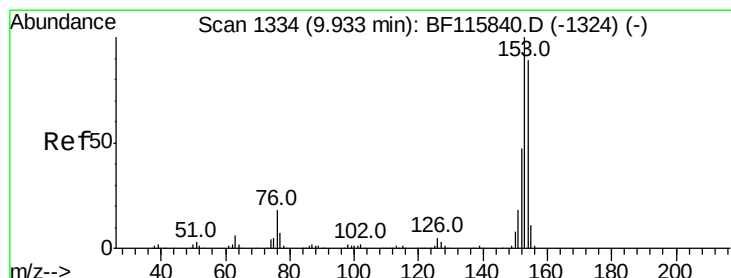
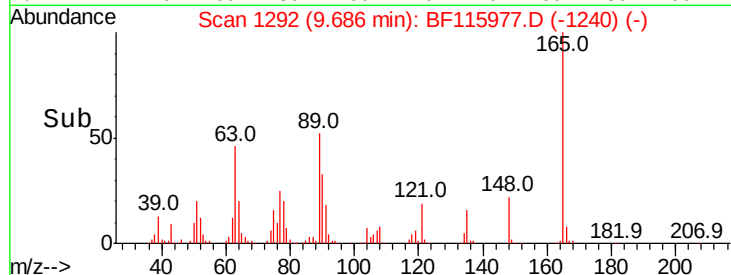
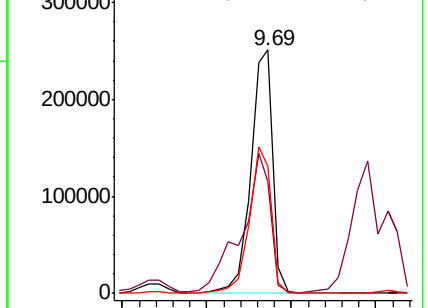
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.276 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

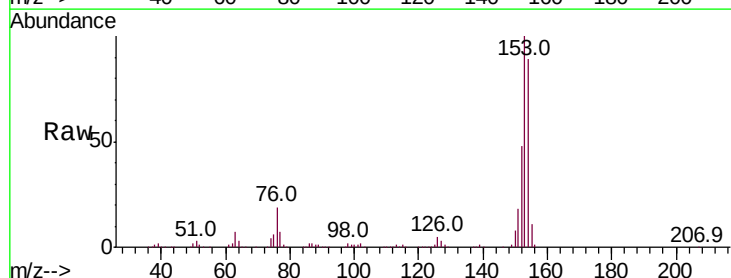
Tgt Ion:154 Resp: 771082

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

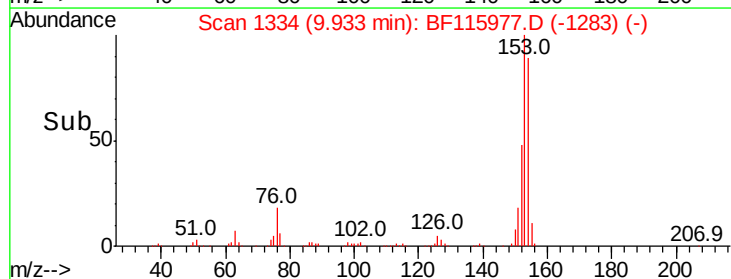
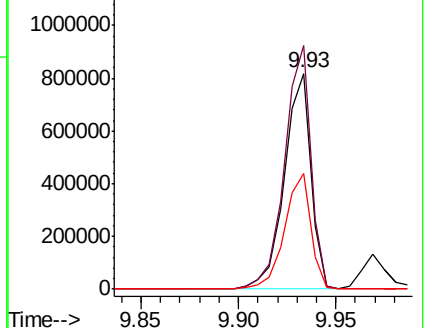
152 53.9 42.6 63.8

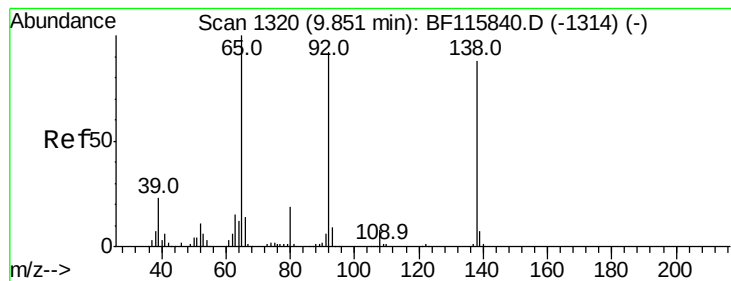


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.277 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:138 Resp: 177256

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

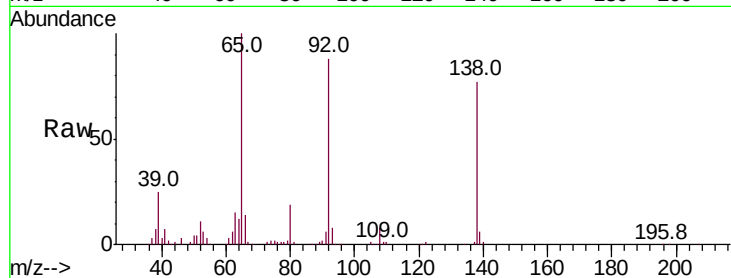
92 114.1 83.9 125.9

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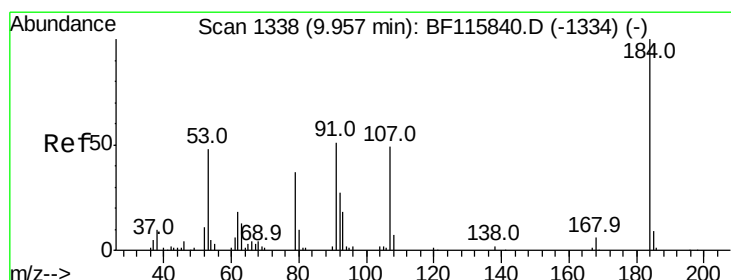
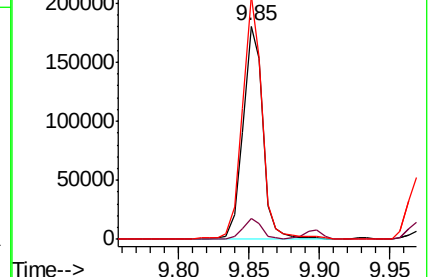
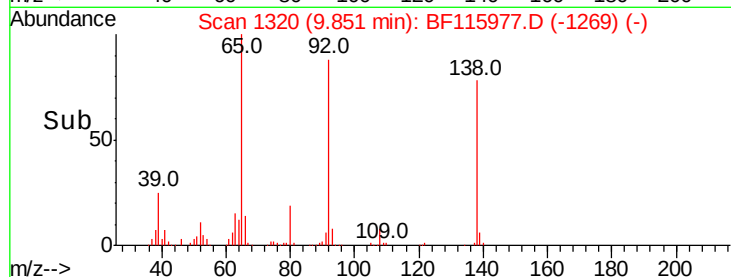
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 79.008 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

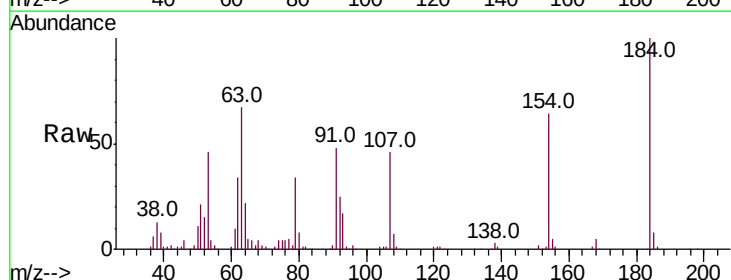
Tgt Ion:184 Resp: 196633

Ion Ratio Lower Upper

184 100

63 67.3 56.7 85.1

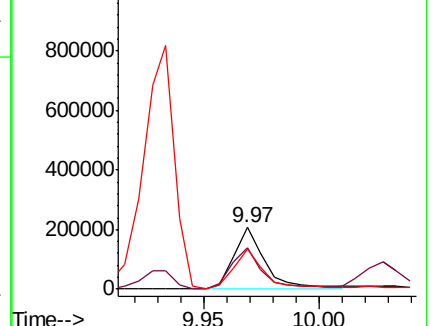
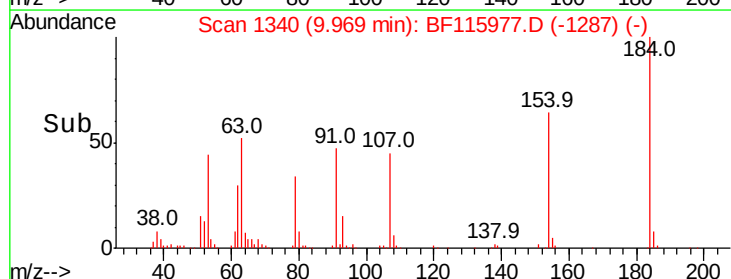
154 64.0 51.9 77.9

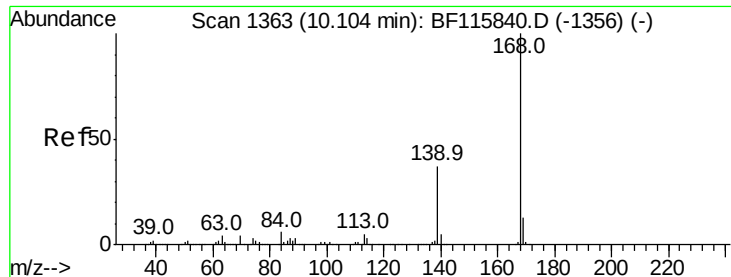


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





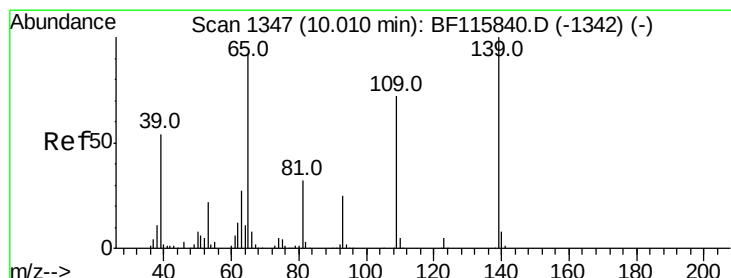
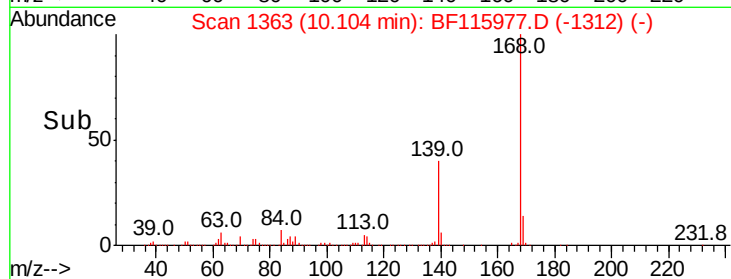
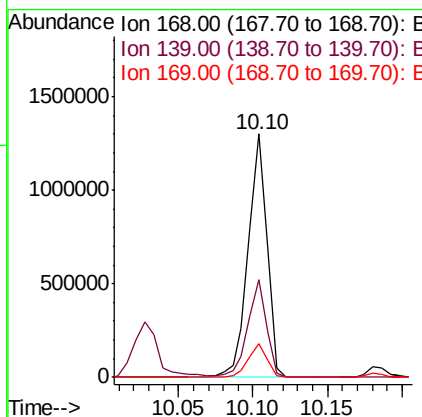
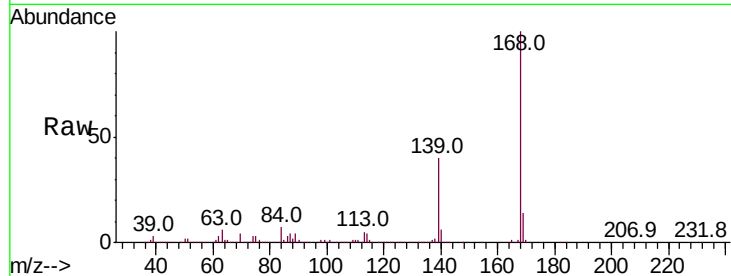
#55
Dibenzenofuran
Concen: 44.822 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.2	45.2
169	14.1	10.8	16.2

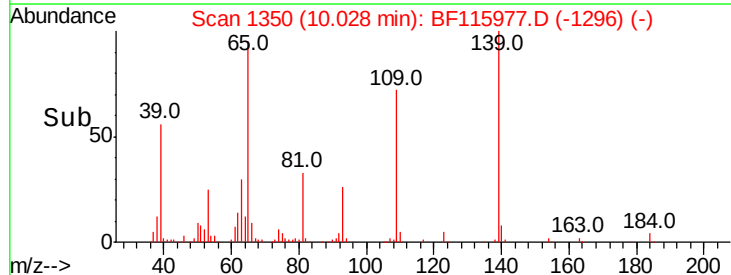
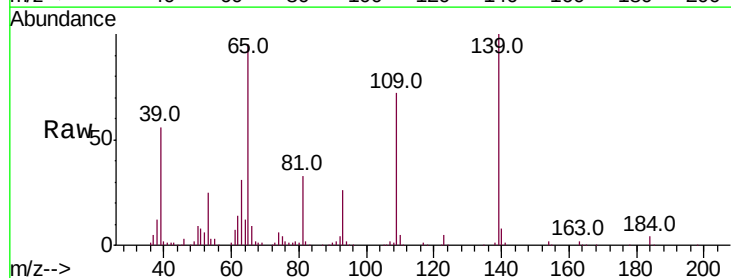
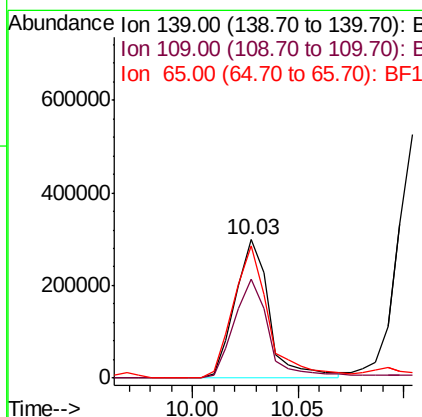
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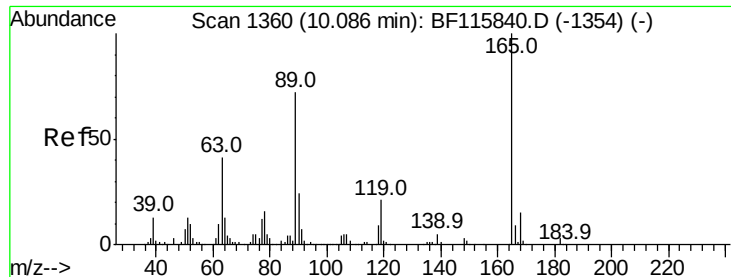
mohammad
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#56
4-Nitrophenol
Concen: 87.196 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	52.0	92.0
65	95.2	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 45.267 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:165 Resp: 295311

Ion Ratio Lower Upper

165 100

63 47.9 33.2 49.8

89 78.2 57.3 85.9

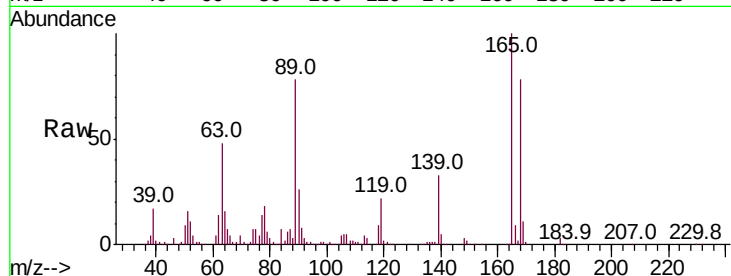
182 2.7 2.1 3.1

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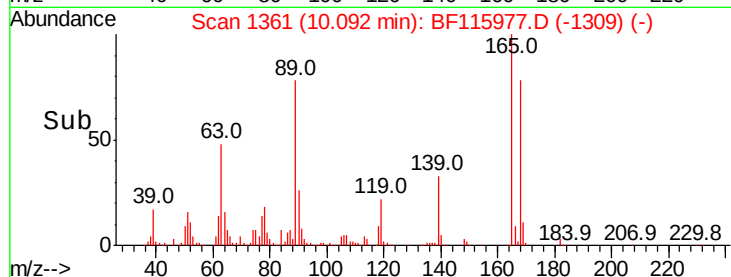
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

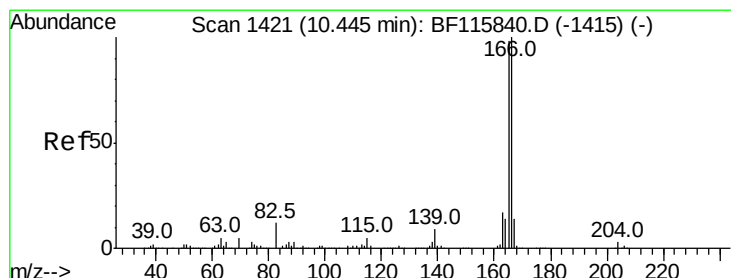
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#58

Fluorene

Concen: 45.911 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

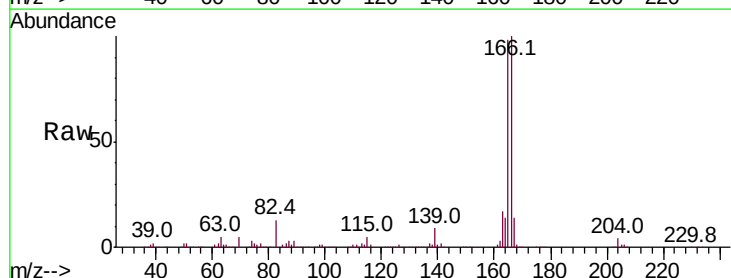
Tgt Ion:166 Resp: 894594

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

167 13.9 10.9 16.3

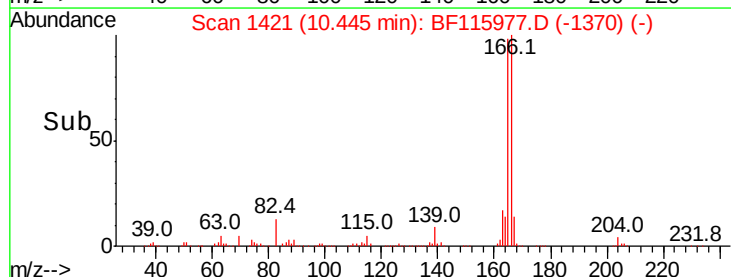


Abundance Ion 166.00 (165.70 to 166.70): E

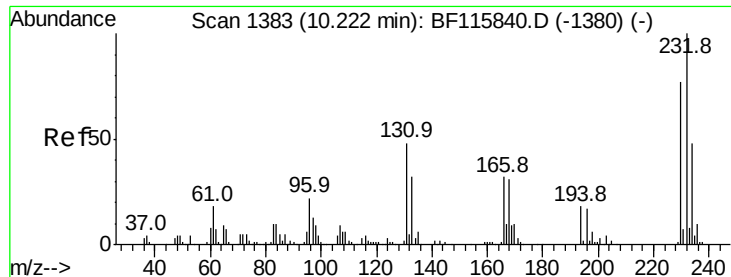
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



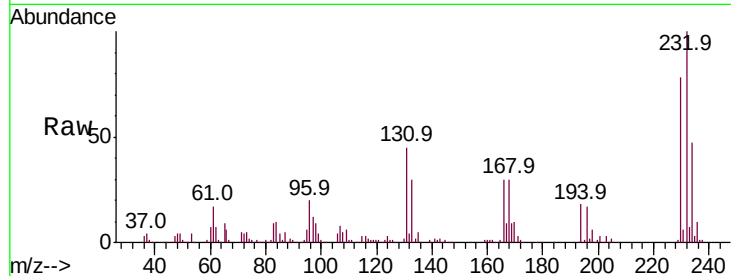
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.616 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

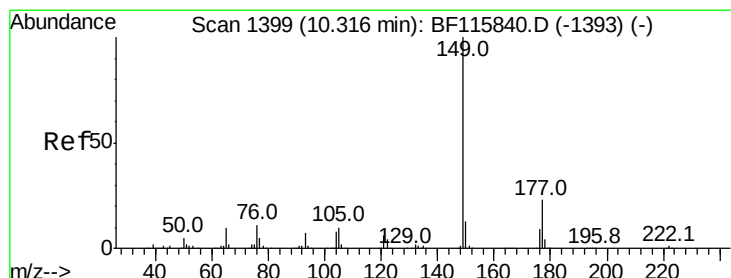
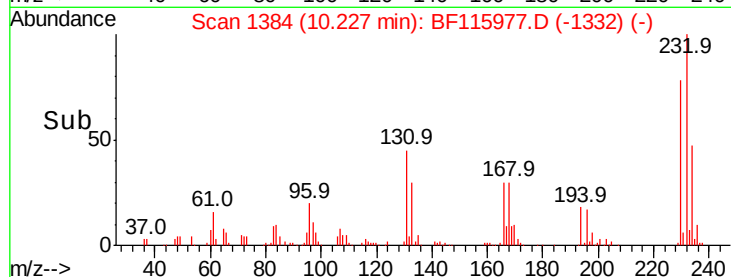
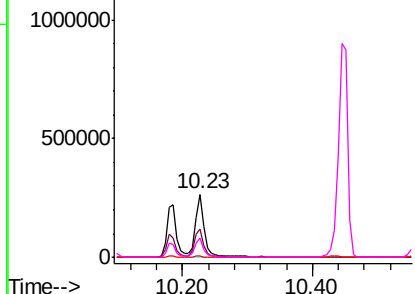
Tot Ion	Ratio	Resp	Lower	Upper
232	100	252333		
131	44.9		37.6	56.4
130	2.4		1.8	2.8
166	29.3		24.6	37.0

Manual Integrations
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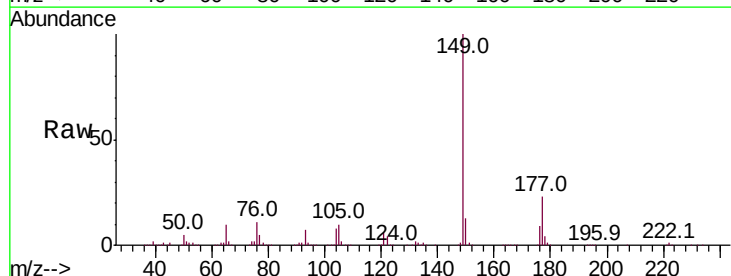


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

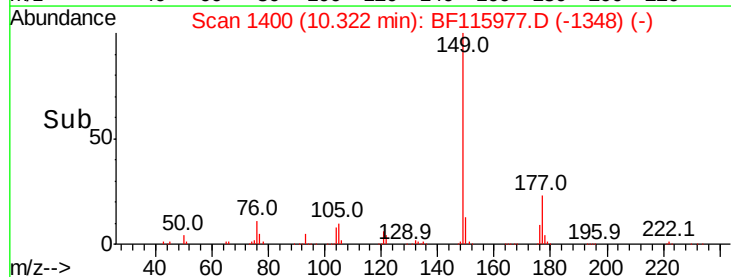
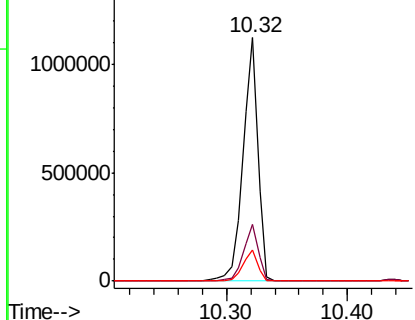


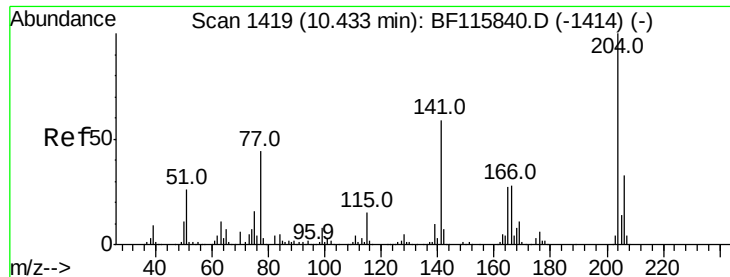
#60
 Diethylphthalate
 Concen: 45.994 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	968193		
177	23.4		18.4	27.6
150	12.8		10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





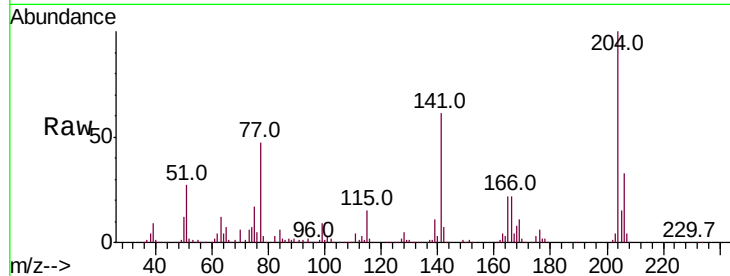
#61
4-Chlorophenyl-phenylether
Concen: 45.477 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	61.3	47.0	70.4

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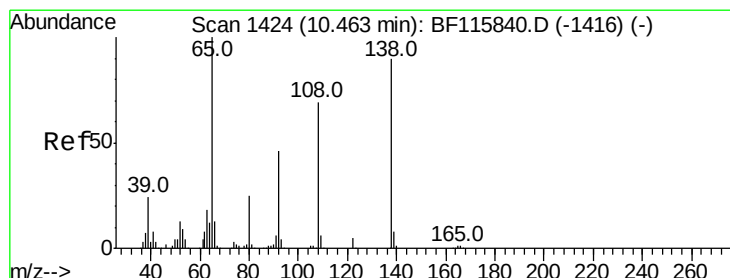
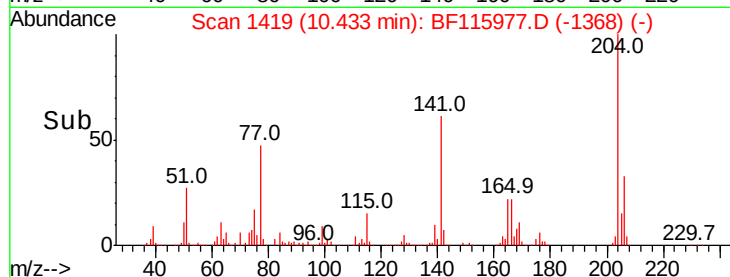
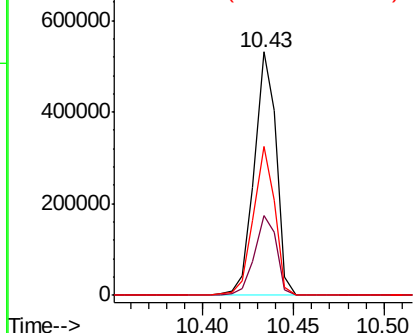


Abundance

Ion 204.00 (203.70 to 204.70): E

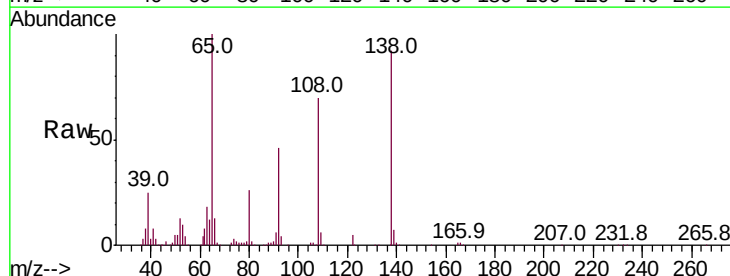
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.355 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.0	71.0
108	76.3	56.7	96.7

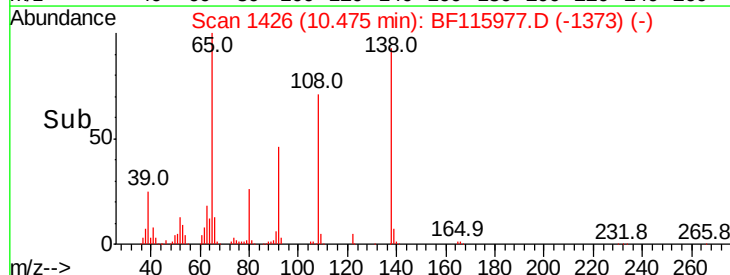
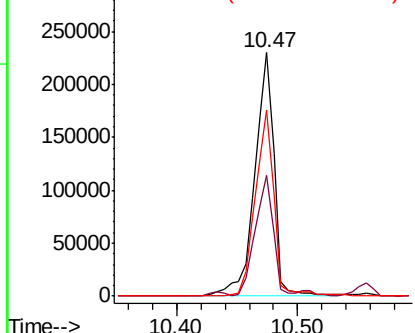


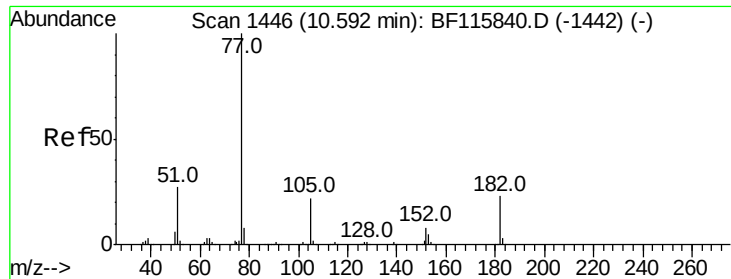
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





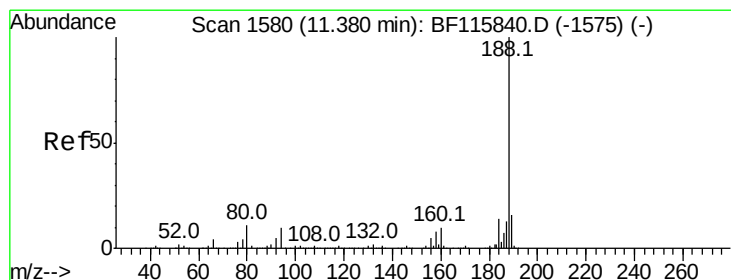
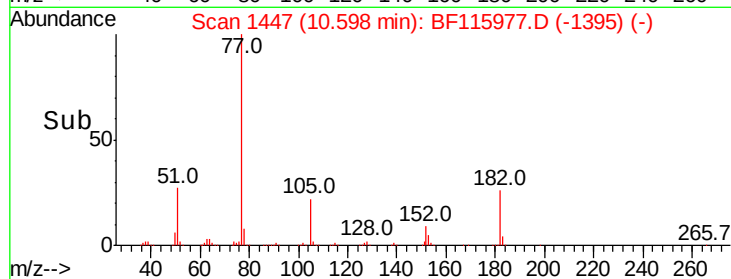
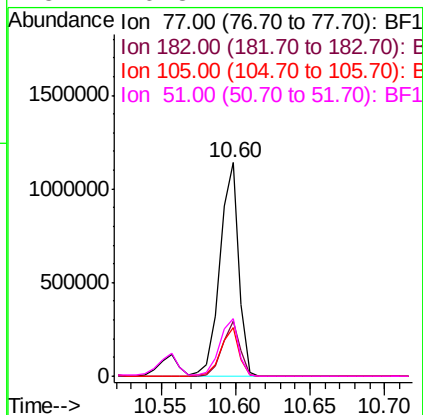
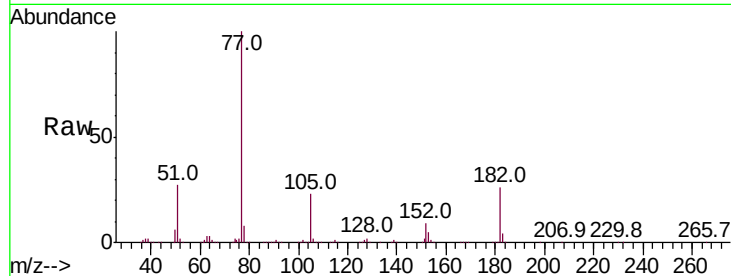
#63
Azobenzene
Concen: 46.423 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	2.6	42.6
105	22.5	1.6	41.6
51	26.8	7.4	47.4

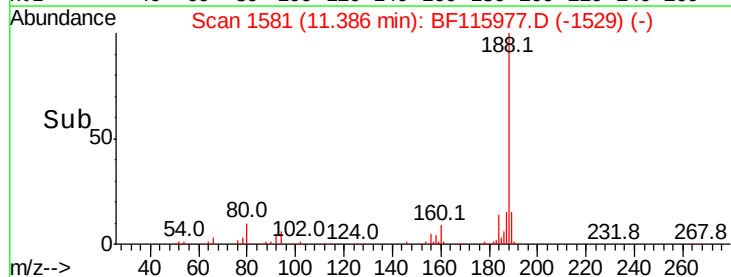
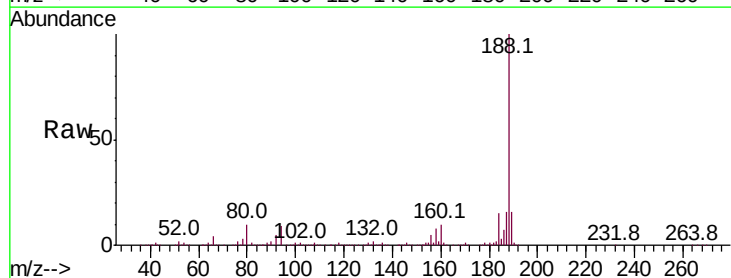
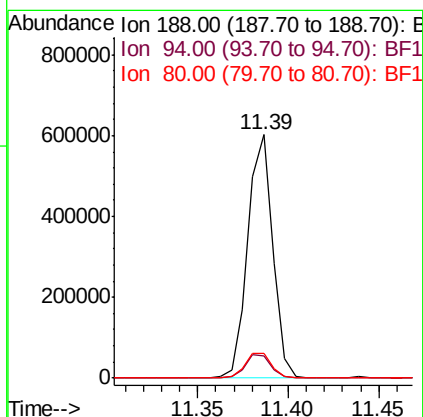
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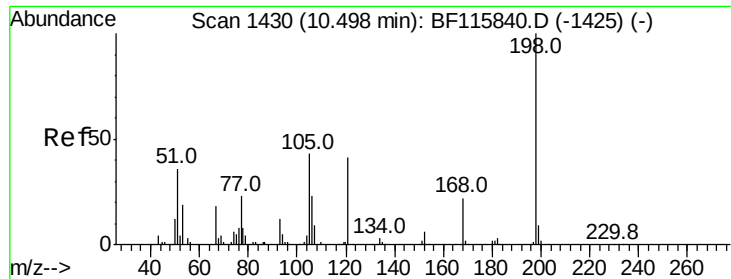
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.0	8.6	12.8





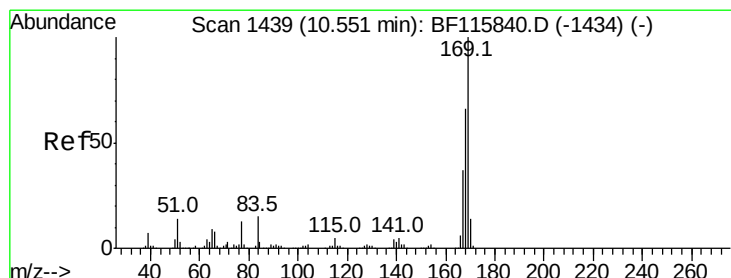
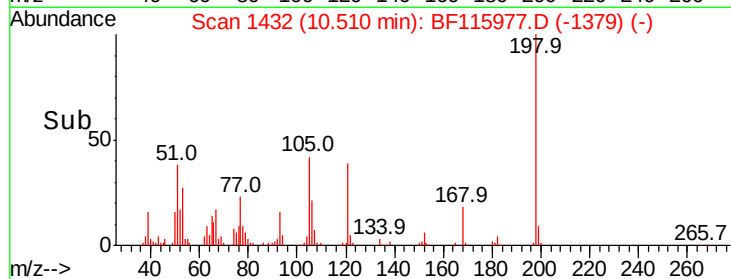
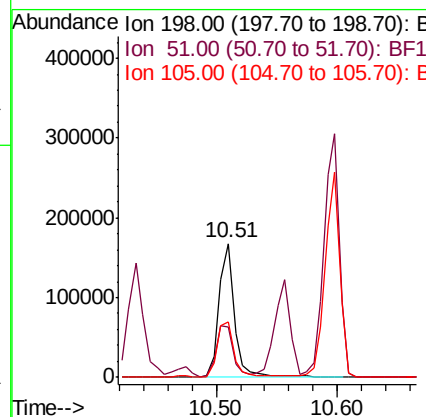
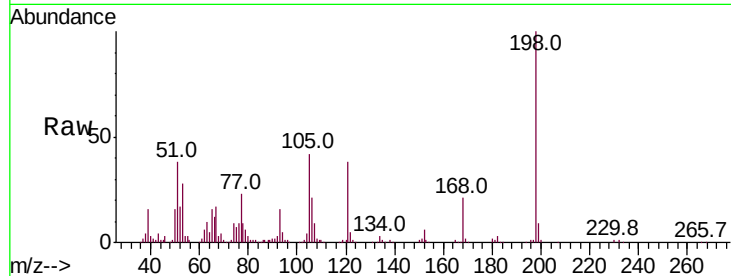
#65
4,6-Dinitro-2-methylphenol
Concen: 48.088 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	147233		
51	38.0	21.1	61.1	
105	41.8	24.5	64.5	

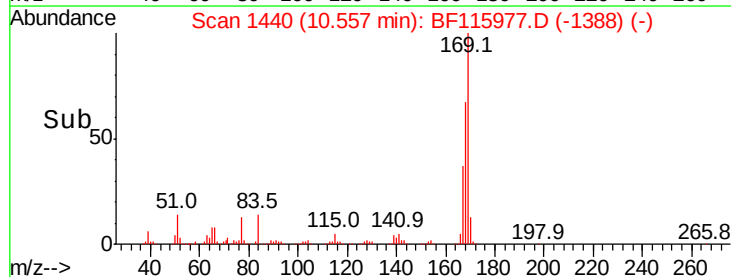
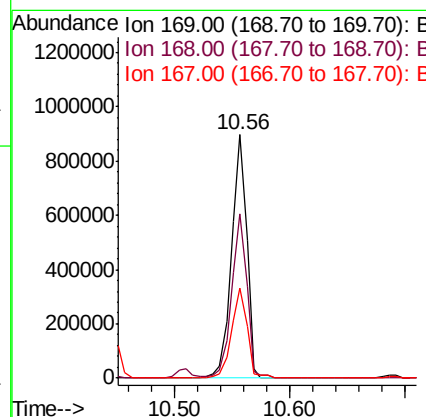
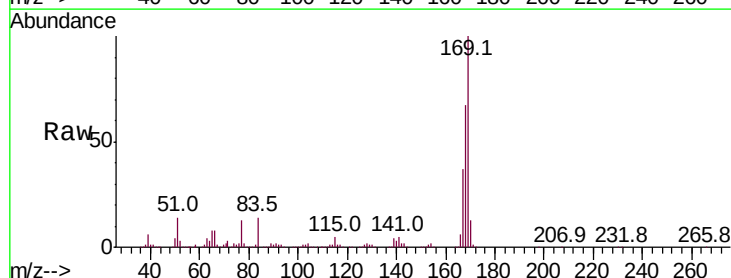
Manual Integrations
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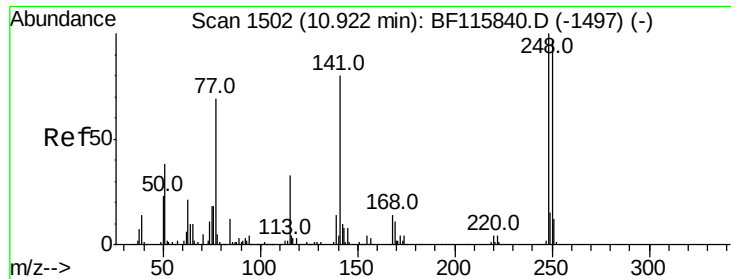
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#66
n-Nitrosodiphenylamine
Concen: 46.740 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	812803		
168	67.4	53.0	79.6	
167	37.2	29.9	44.9	





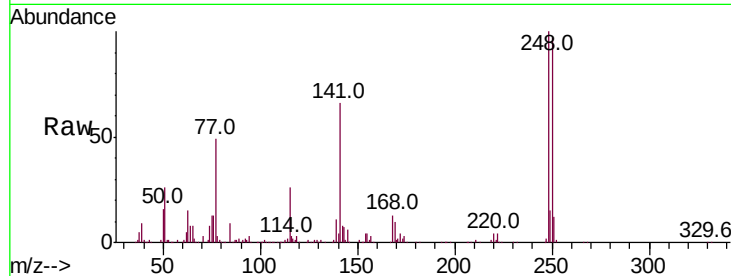
#67
4-Bromophenyl-phenylether
Concen: 46.045 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.6
141	65.5	64.3	96.5

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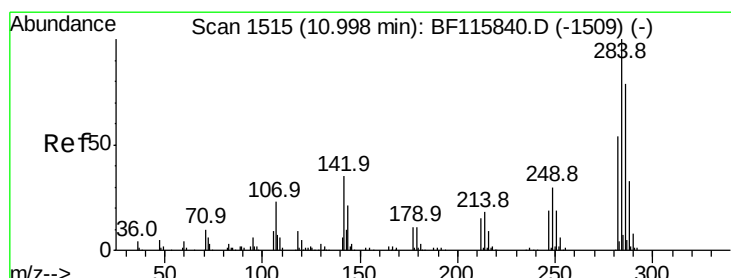
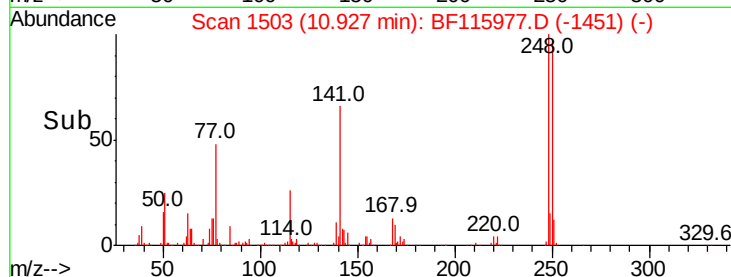
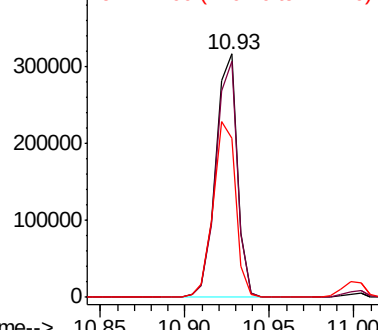


Abundance

Ion 248.00 (247.70 to 248.70): E

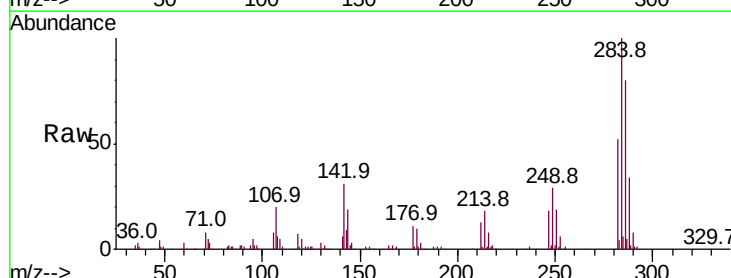
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.558 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	28.2	42.2
249	29.4	24.0	36.0

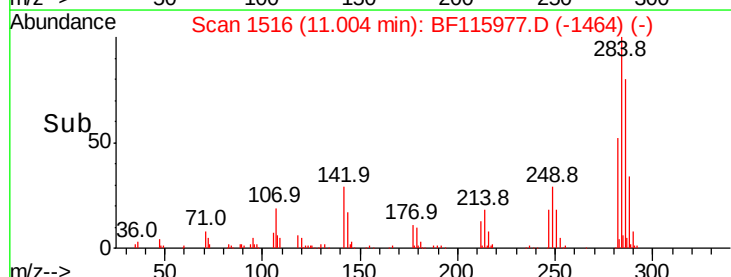
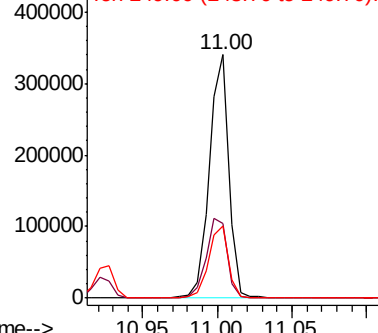


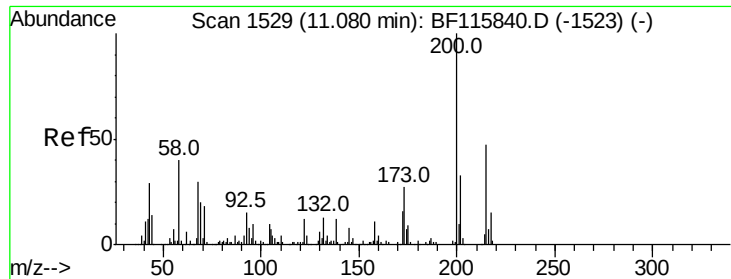
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





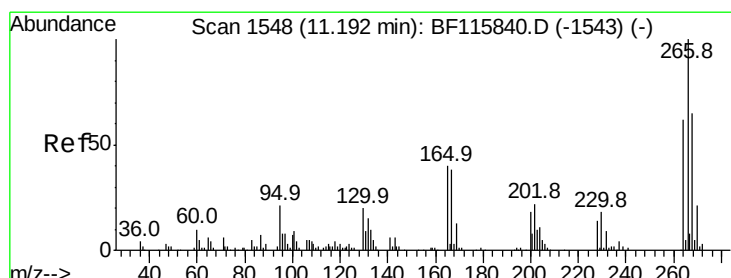
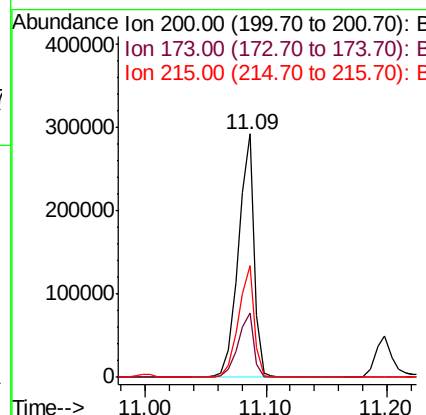
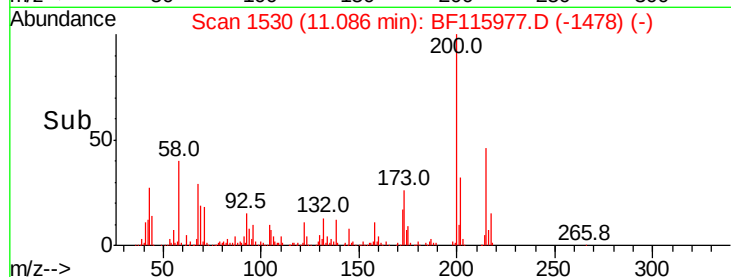
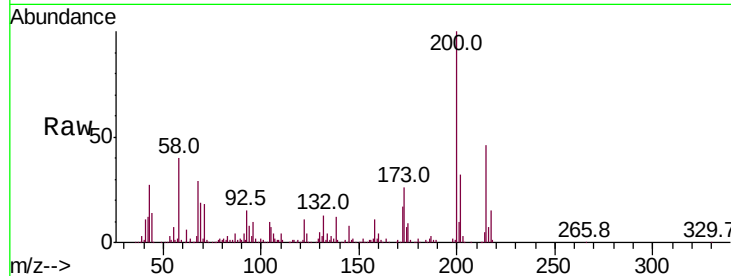
#69
Atrazine
Concen: 46.621 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
200	100	266720		
173	26.5	7.3	47.3	
215	46.1	26.9	66.9	

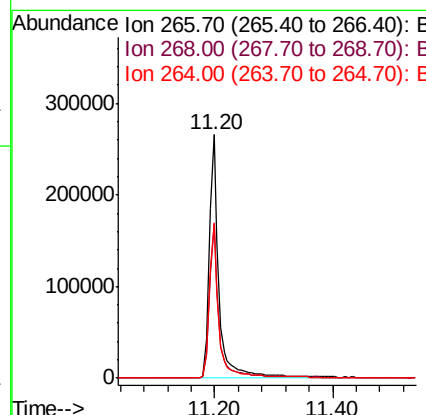
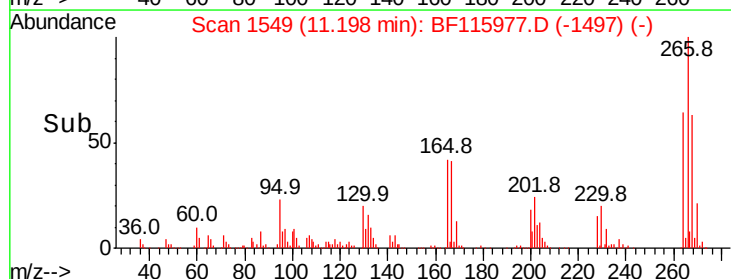
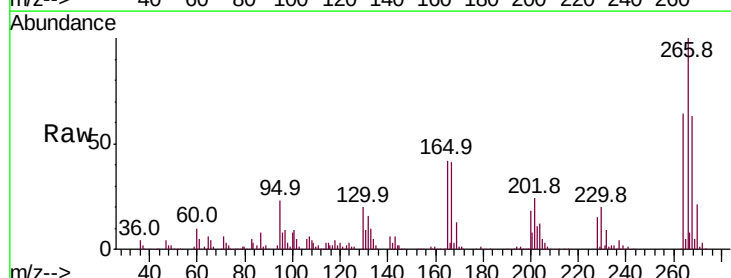
Manual Integrations
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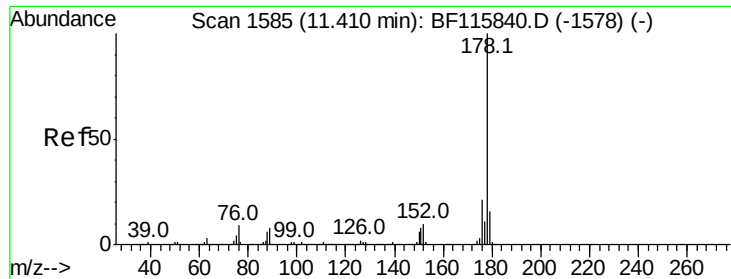
mohammad
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#70
Pentachlorophenol
Concen: 87.360 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	303335		
268	63.4	51.6	77.4	
264	63.8	49.4	74.0	





#71

Phenanthrene

Concen: 44.844 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:178 Resp: 1324524

Ion Ratio Lower Upper

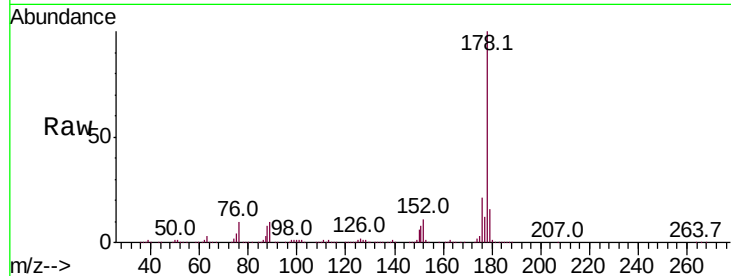
178 100

176 20.6 16.5 24.7

179 15.8 12.6 18.8

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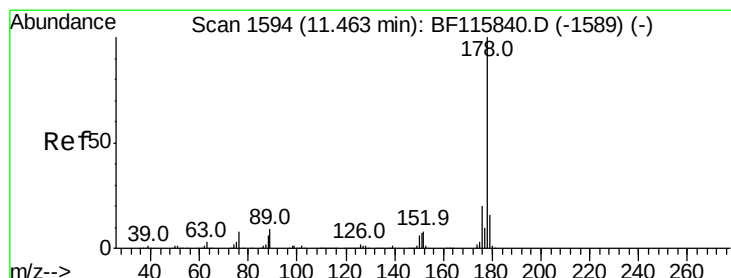
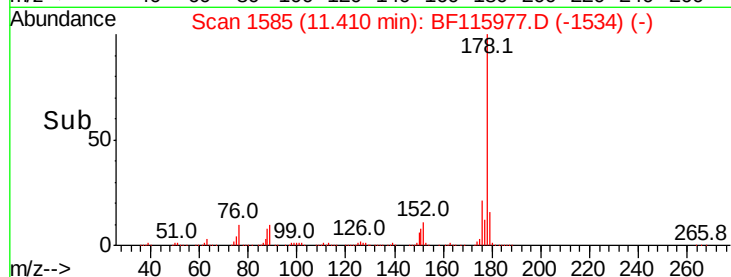
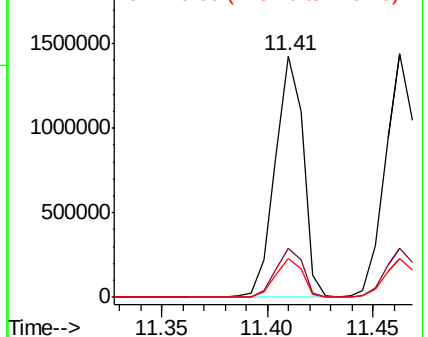


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.465 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

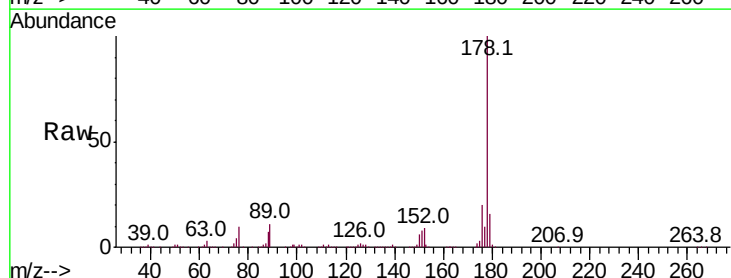
Tgt Ion:178 Resp: 1388943

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

179 16.0 12.4 18.6

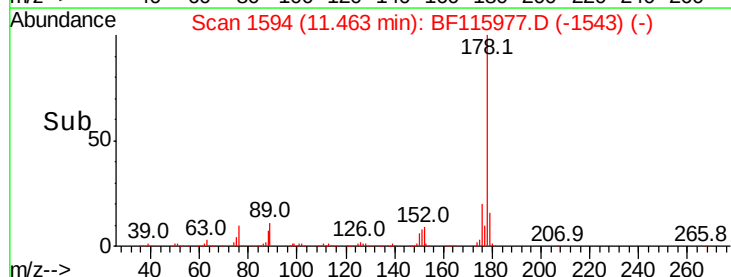
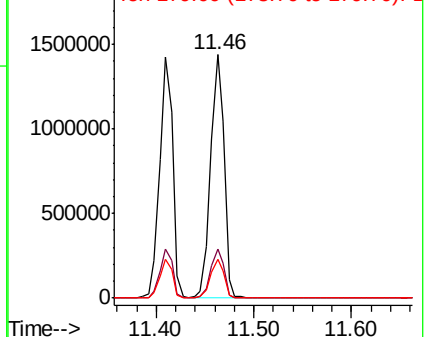


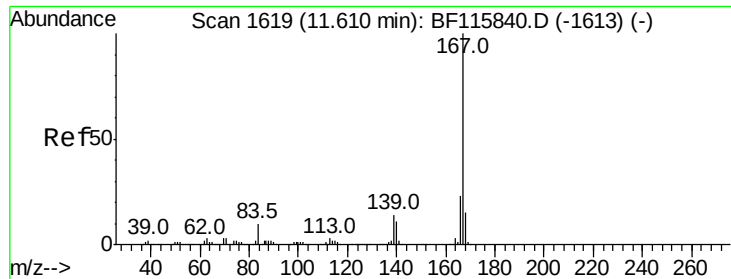
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





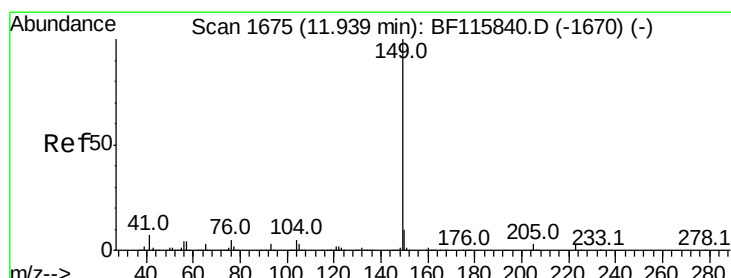
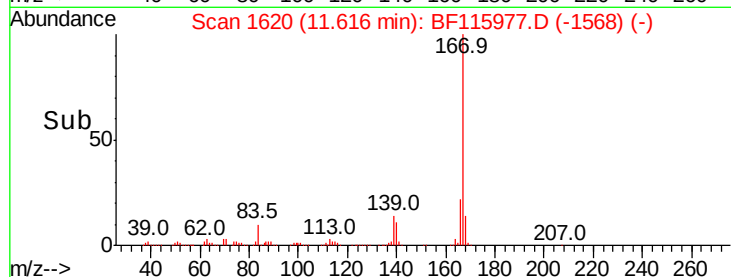
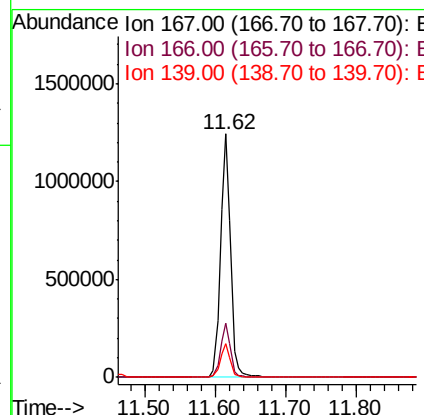
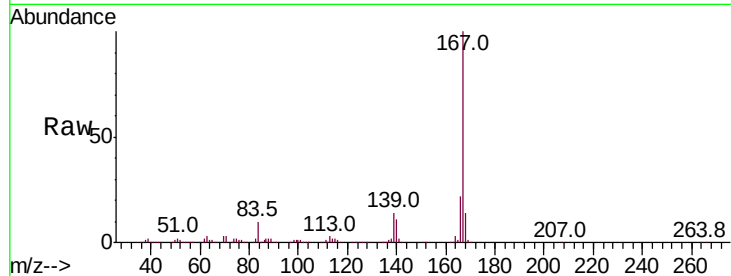
#73
 Carbazole
 Concen: 45.534 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	14.0	11.4	17.2

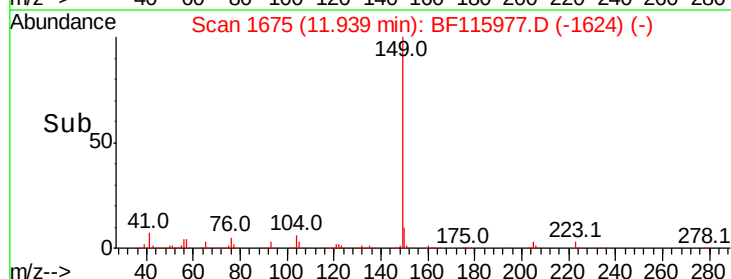
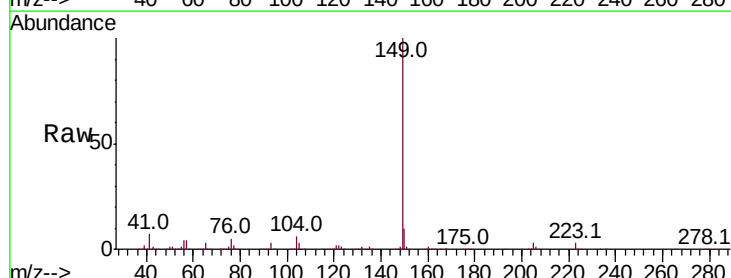
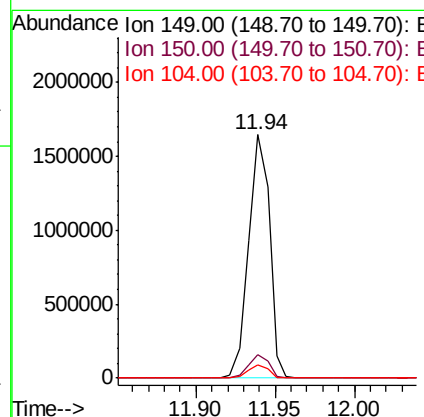
Manual Integrations
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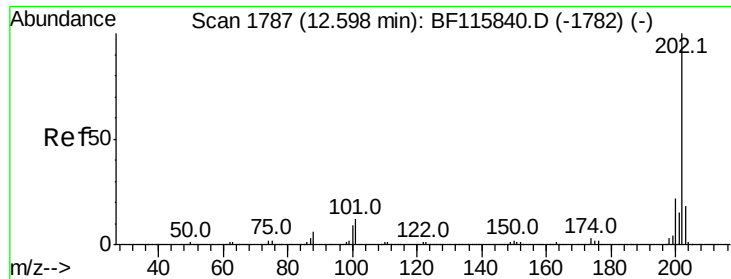
mohammad
 8/8/2019 4:45:24 PM



#74
 Di-n-butylphthalate
 Concen: 47.677 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.3	6.5





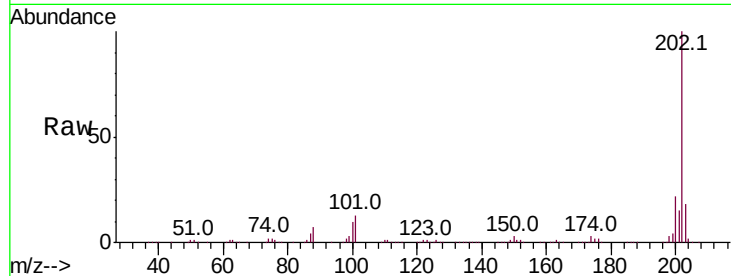
#75
Fluoranthene
 Concen: 45.318 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1401295		
101	13.0		0.0	31.5
203	18.2		0.0	37.9

Manual Integrations
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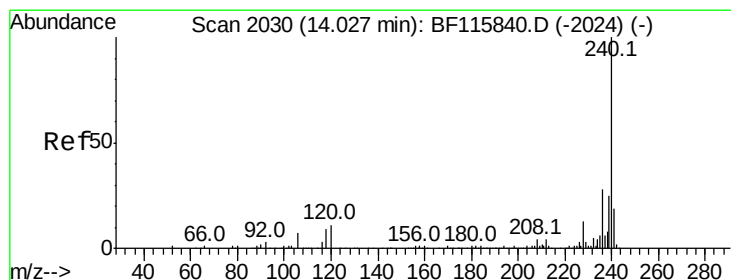
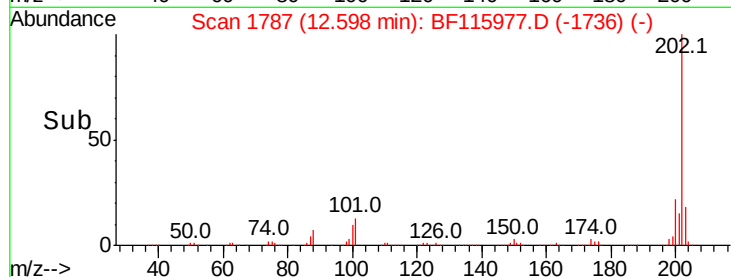
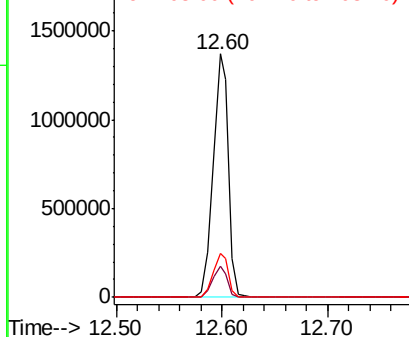


Abundance

Ion 202.00 (201.70 to 202.70): E

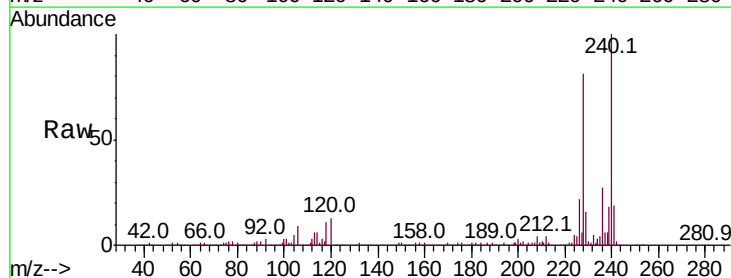
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	418407		
120	12.6		8.5	12.7
236	26.9		22.2	33.2

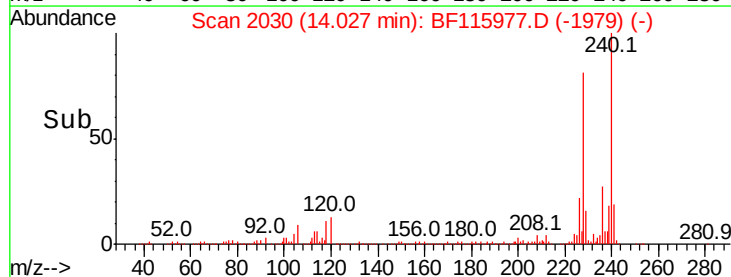
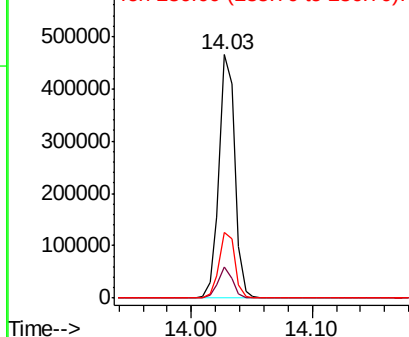


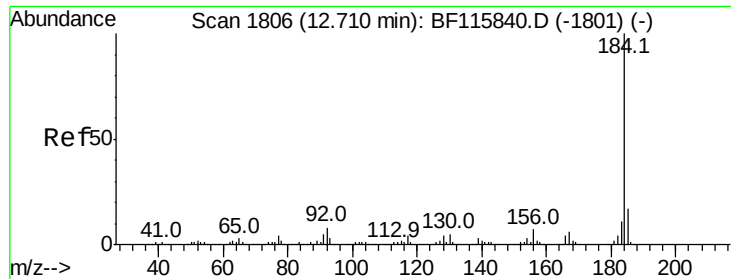
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.156 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

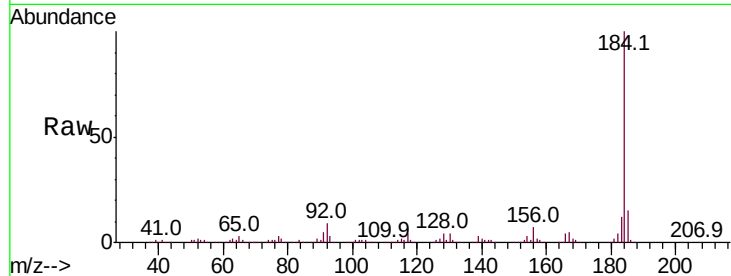
ClientSampleId :

IDOC BS-SOIL03-RC

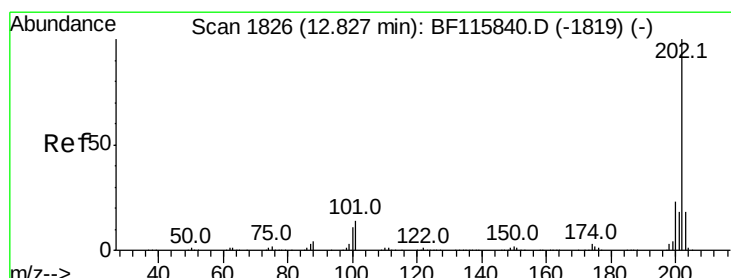
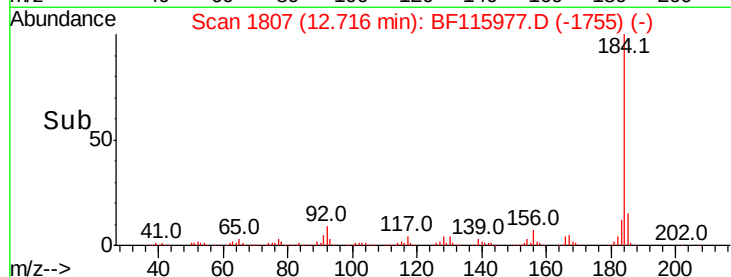
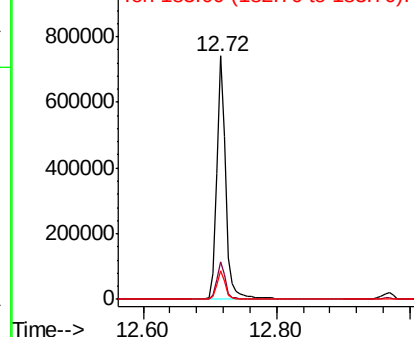
Tot Ion:	184	Resp:	708979
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.4	20.2
183	11.8	9.1	13.7

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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: 44.676 ng

RT: 12.83 min Scan# 1826

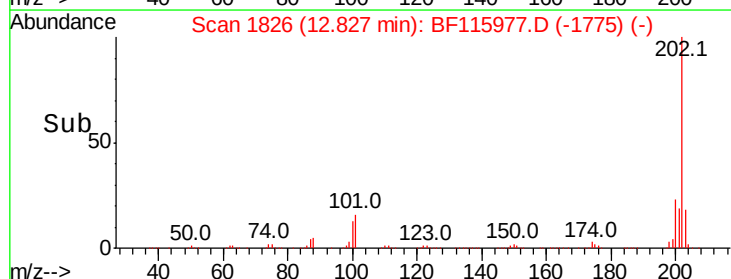
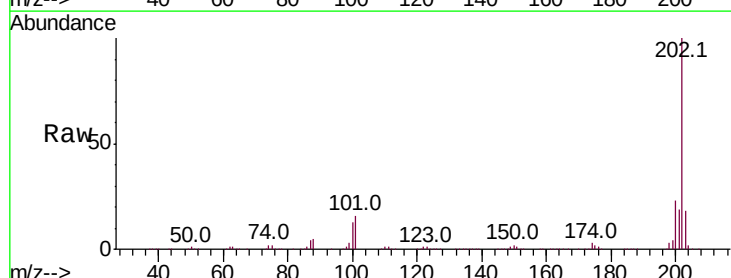
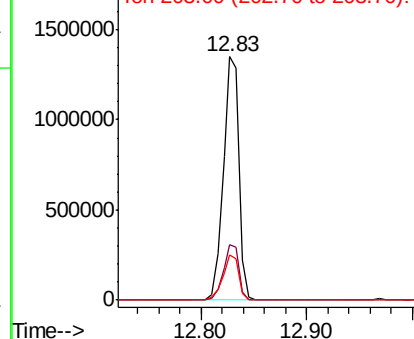
Delta R.T. 0.00 min

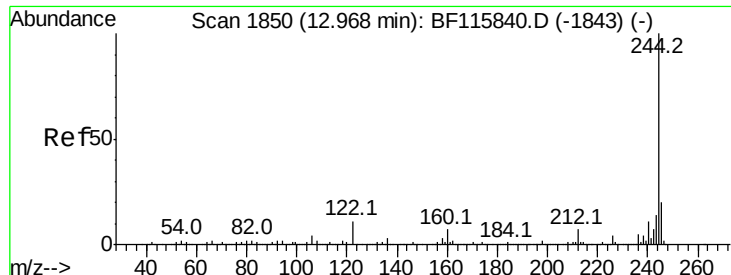
Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	202	Resp:	1409091
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	18.3	14.3	21.5

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





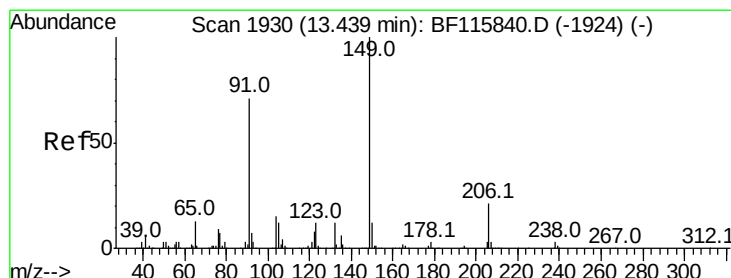
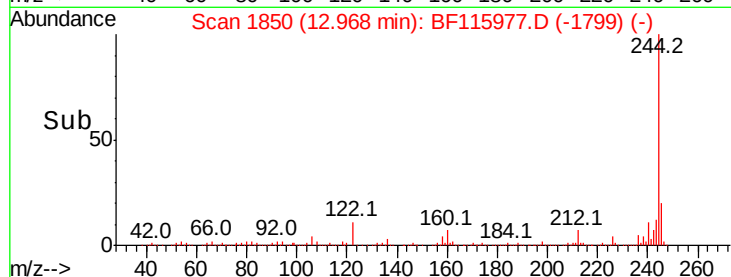
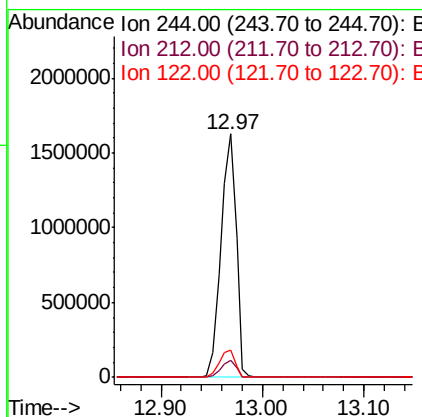
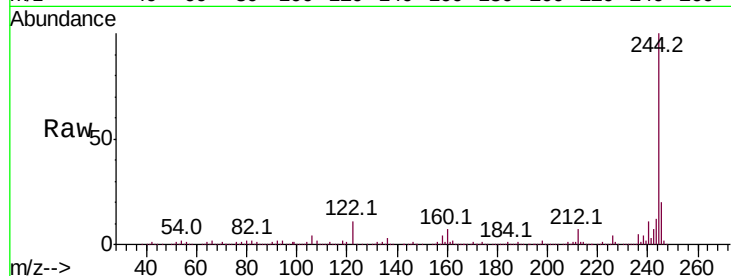
#79
 Terphenyl-d14
 Concen: 85.500 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.3	8.6	13.0

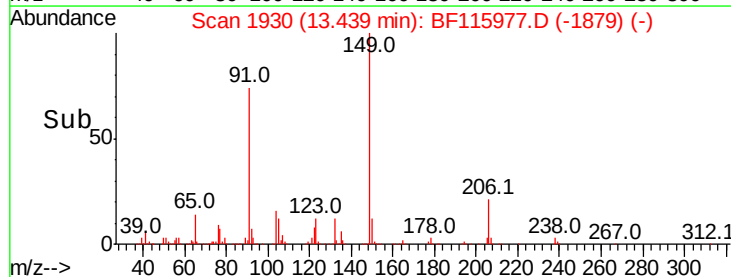
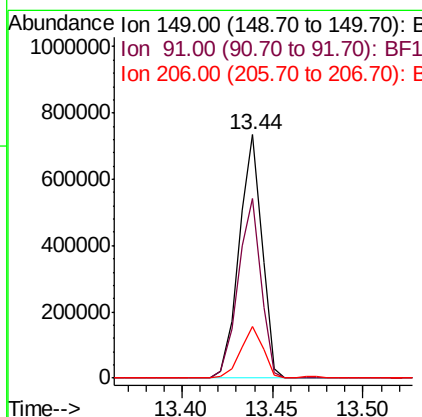
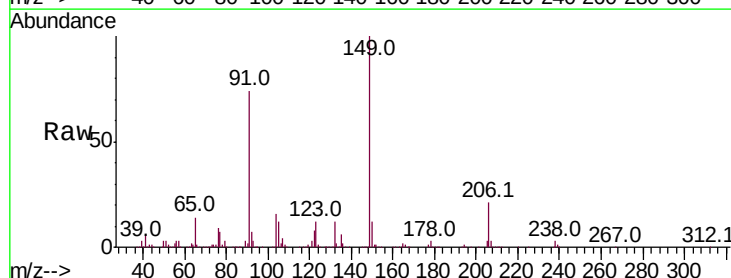
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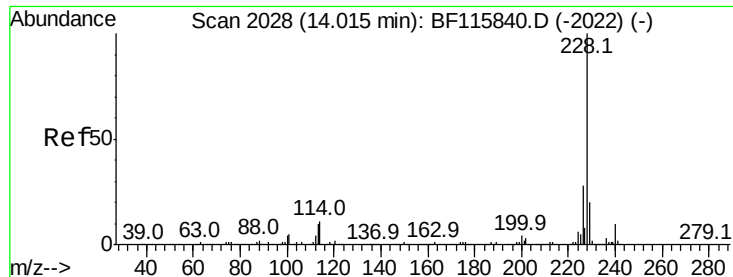
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.163 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115977.D
 Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.0	85.6
206	21.2	16.9	25.3





#81

Benzo(a)anthracene

Concen: 45.181 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

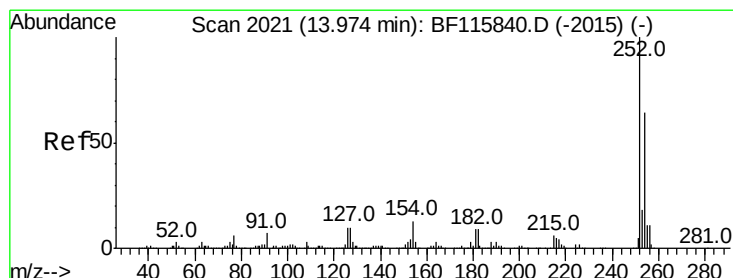
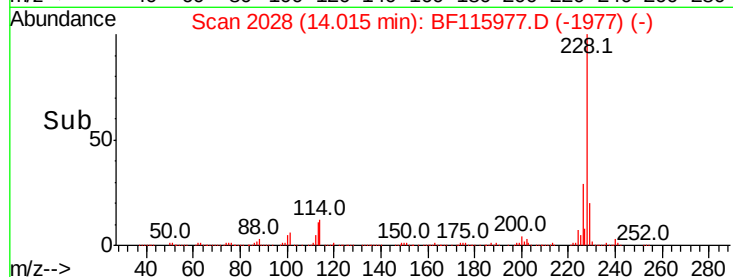
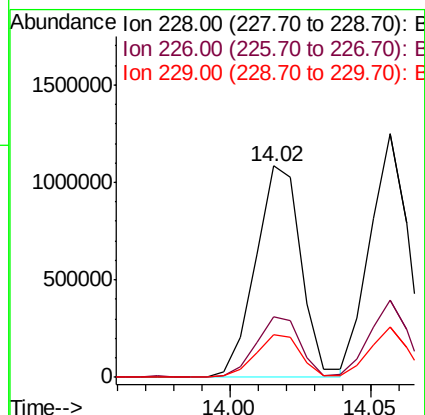
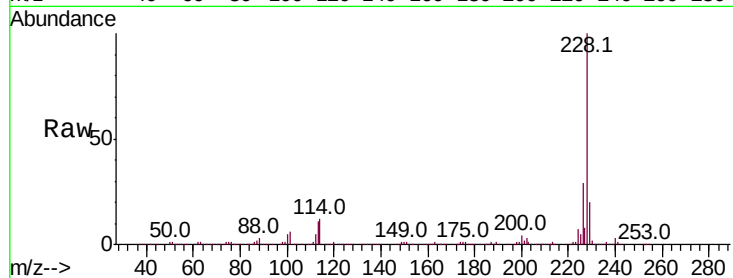
ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:	228	Resp:	1208266
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.4	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 33.832 ng

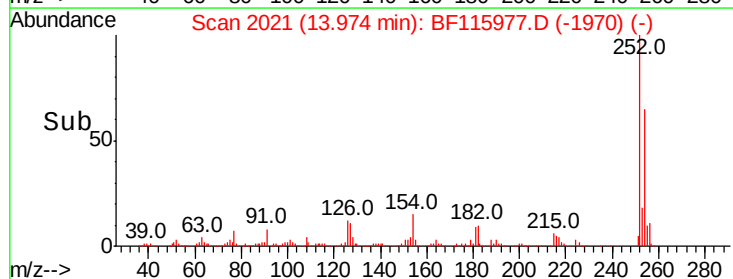
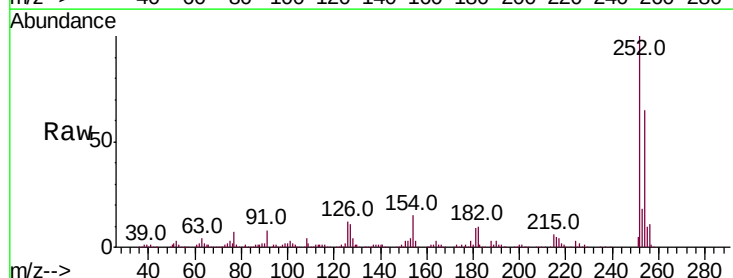
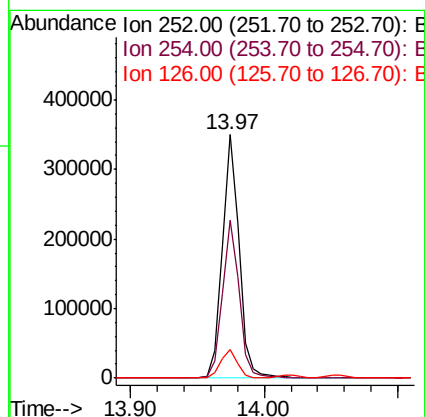
RT: 13.97 min Scan# 2021

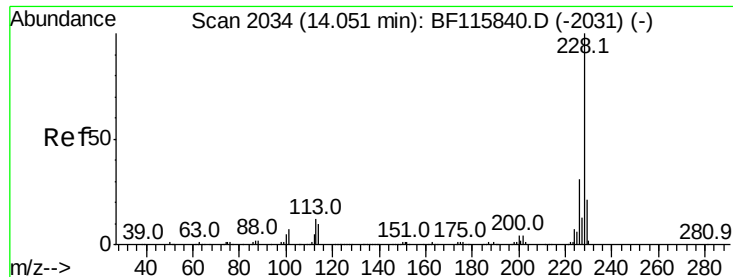
Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	252	Resp:	314336
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	11.9	8.1	12.1





#83

Chrysene

Concen: 44.439 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:228 Resp: 1153778

Ion Ratio Lower Upper

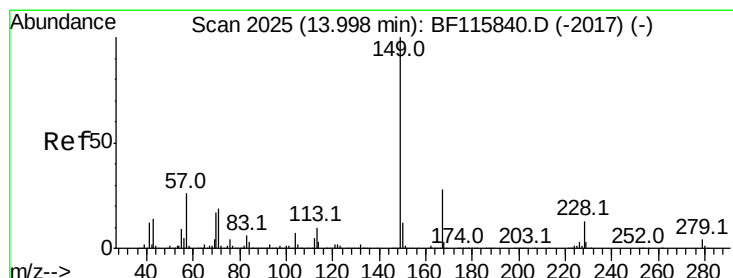
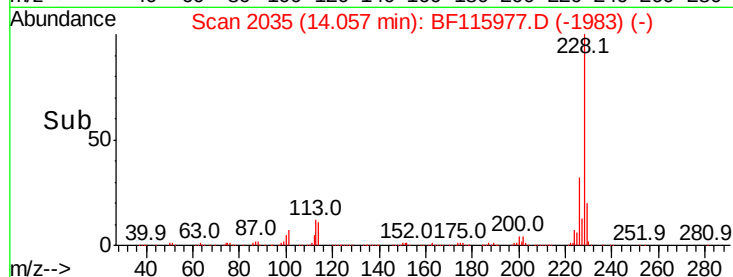
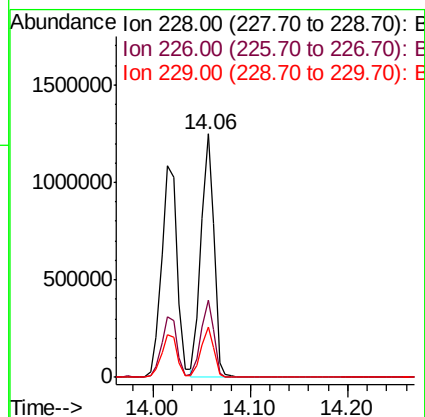
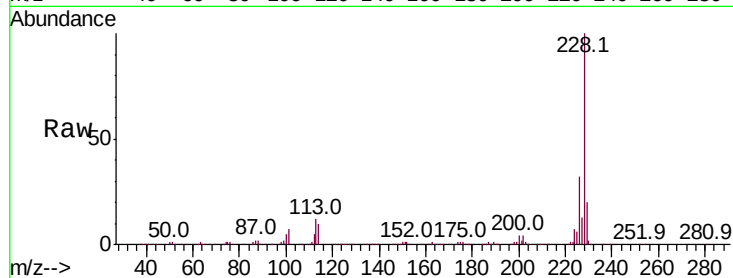
228 100

226 31.5 24.8 37.2

229 20.5 16.4 24.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.806 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

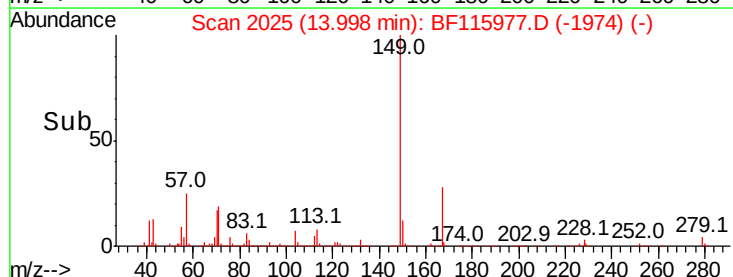
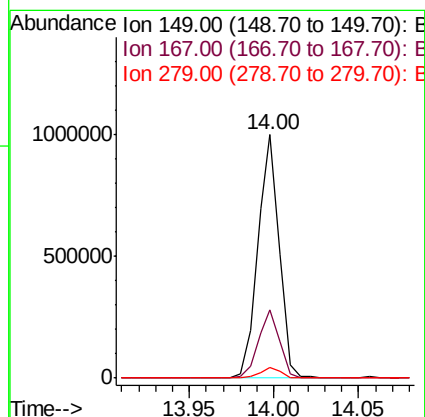
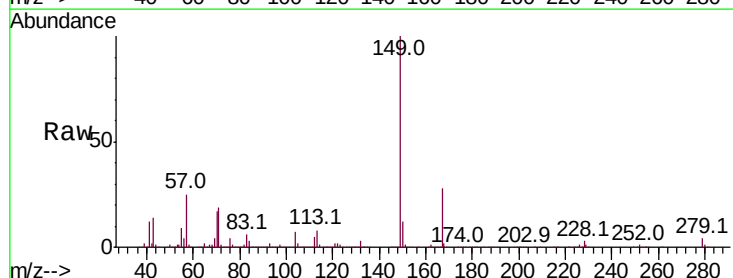
Tgt Ion:149 Resp: 880846

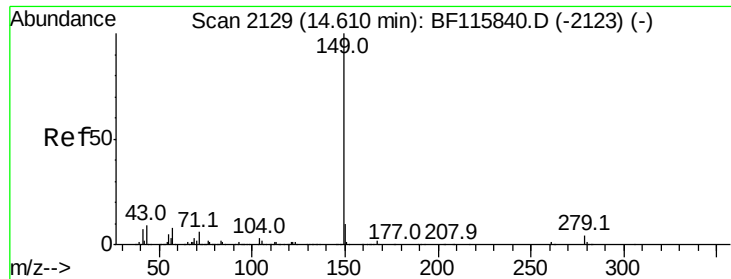
Ion Ratio Lower Upper

149 100

167 28.2 22.4 33.6

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.695 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

ClientSampleId :

IDOC BS-SOIL03-RC

Tot Ion:149 Resp: 1423576

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

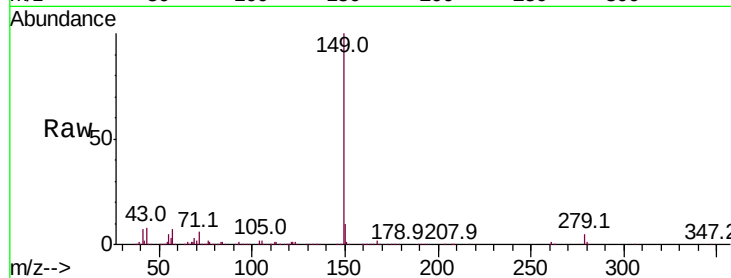
43 8.9 7.4 11.0

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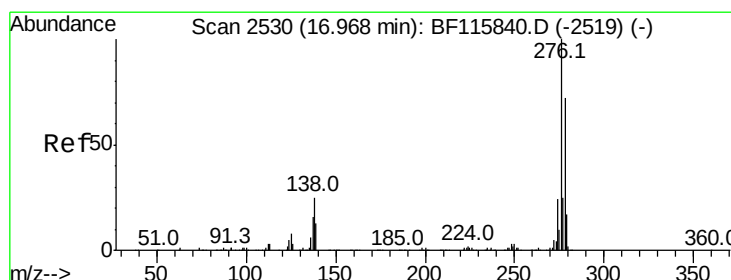
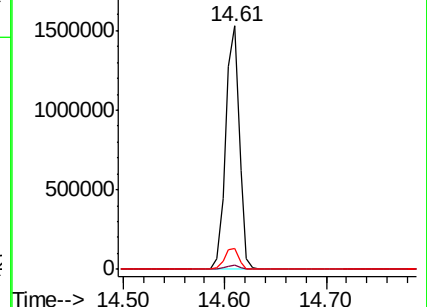
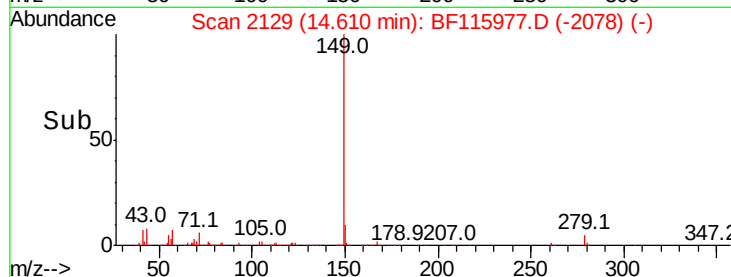
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.914 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

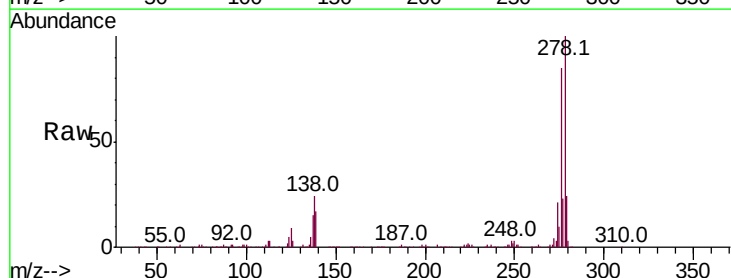
Tgt Ion:276 Resp: 979427

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

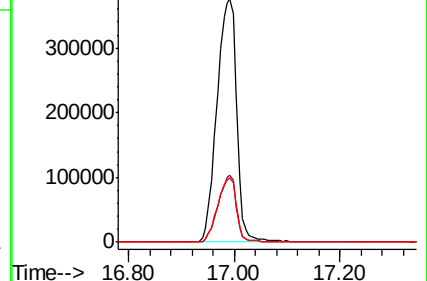
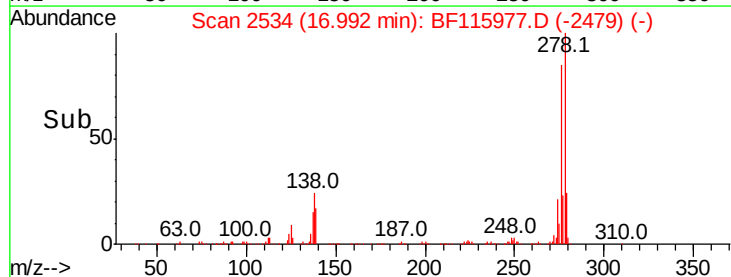
277 25.4 20.1 30.1

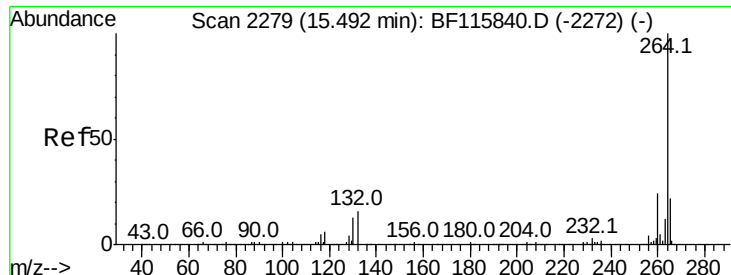


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

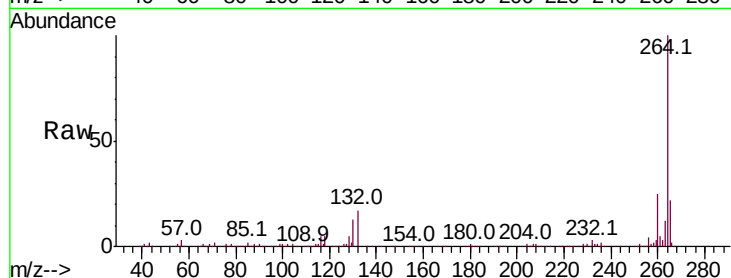
ClientSampleId :

IDOC BS-SOIL03-RC

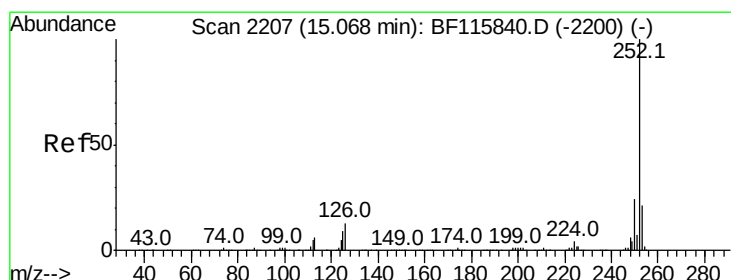
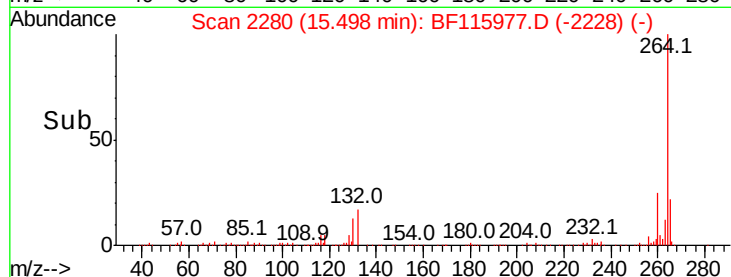
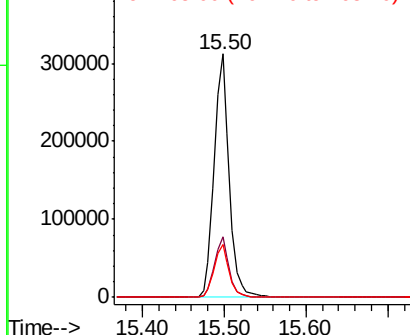
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.9	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.910 ng

RT: 15.07 min Scan# 2208

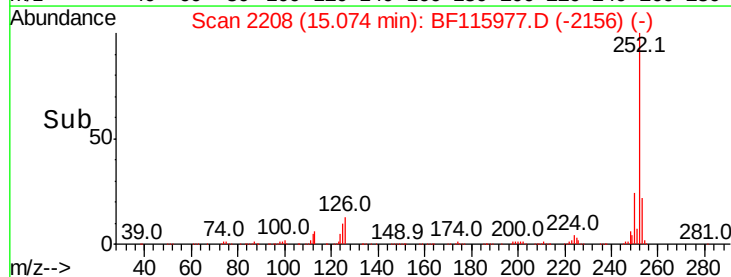
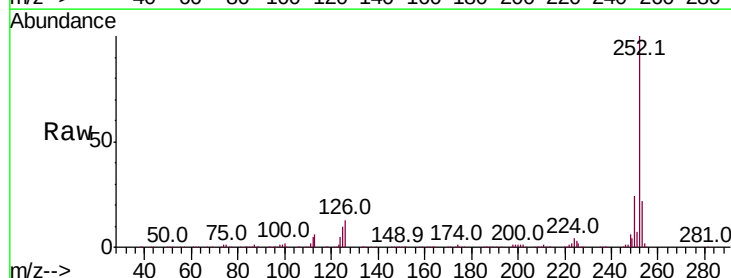
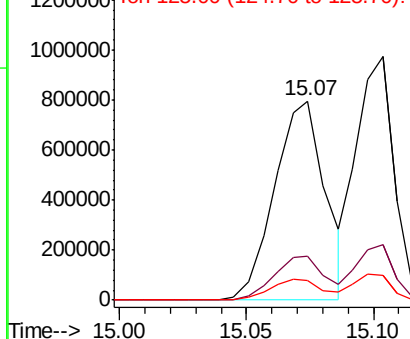
Delta R.T. 0.01 min

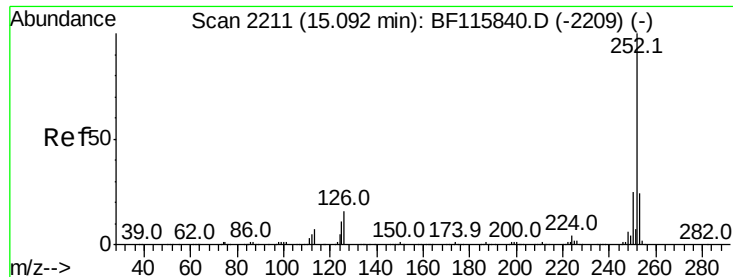
Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.8	7.4	11.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





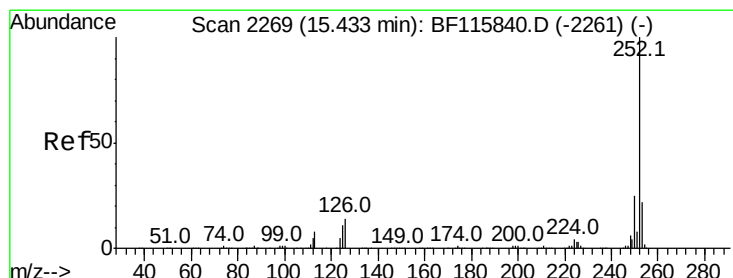
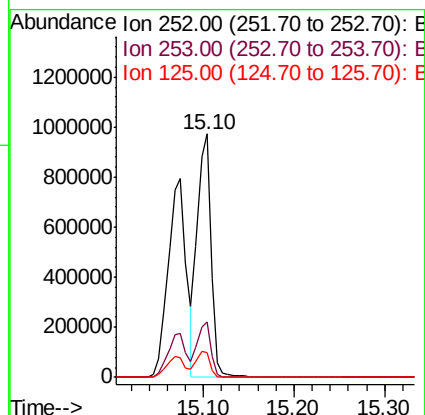
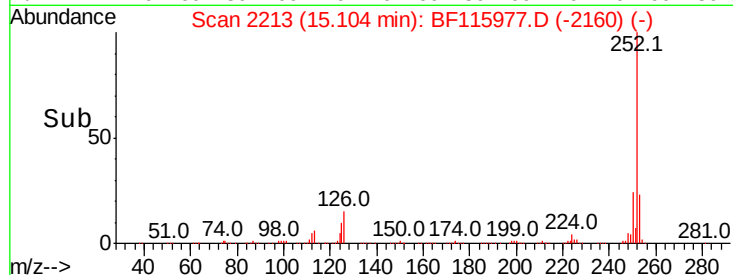
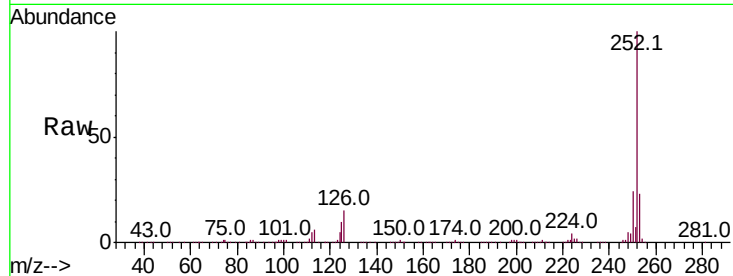
#89
Benzo(k)fluoranthene
Concen: 45.091 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL03-RC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.2	8.9	13.3

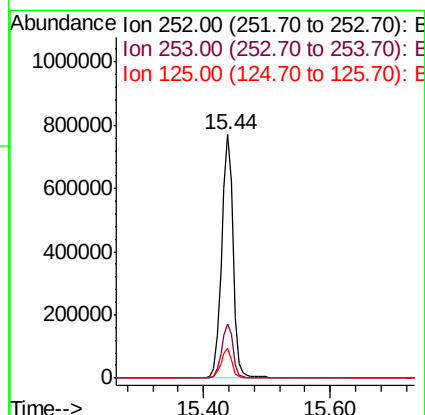
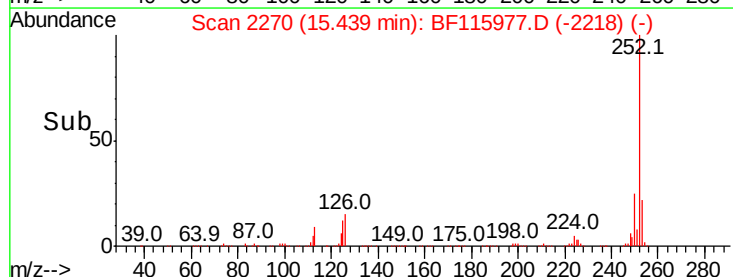
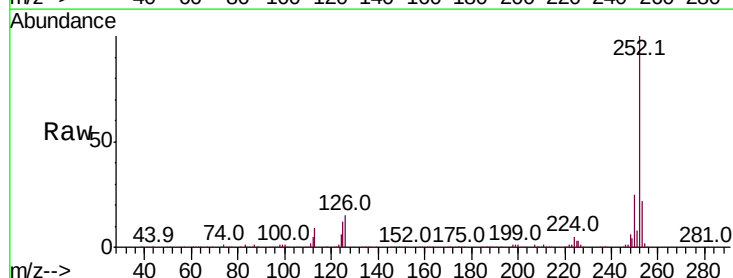
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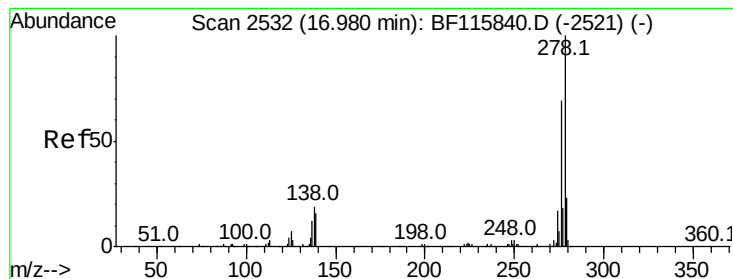
mohammad
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#90
Benzo(a)pyrene
Concen: 47.949 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115977.D
Acq: 3 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.0	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.025 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Instrument :

BNA_F

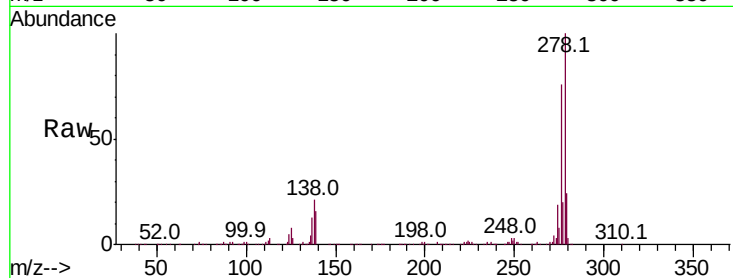
ClientSampleId :

IDOC BS-SOIL03-RC

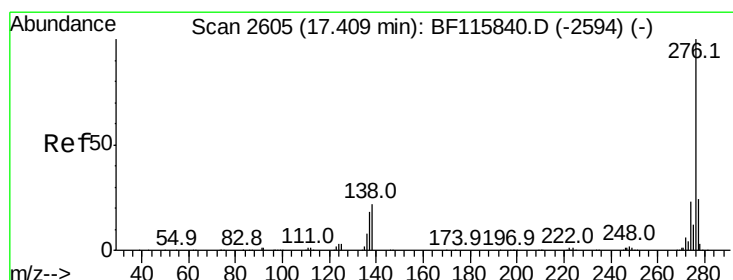
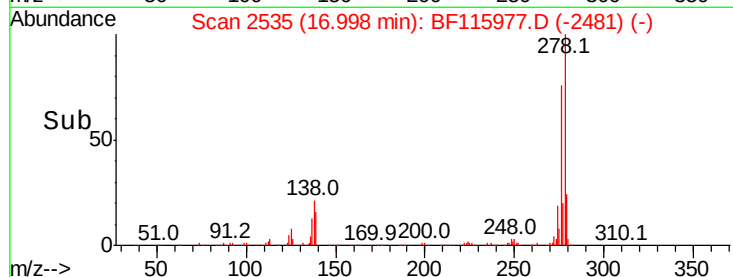
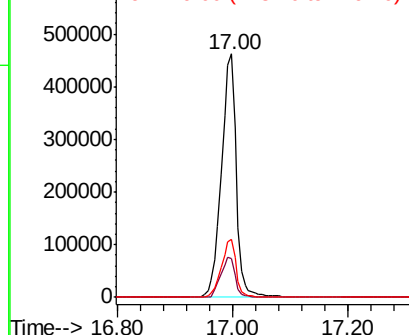
Tot Ion:	278	Resp:	826826
Ion Ratio	Lower	Upper	
278	100		
139	16.0	12.6	19.0
279	23.6	18.8	28.2

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.153 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115977.D

Acq: 3 Aug 2019 13:16

Tgt Ion:	276	Resp:	796633
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.5	29.3
138	20.9	17.8	26.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

