

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099930.D
 Acq On : 11 Jun 2019 18:45
 Operator : JU/SJ
 Sample : K2241-03
 Misc : MDL-SOIL-0.1PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:37:47 AM

Quant Time: Jun 12 16:40:16 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	619	0.40	ng	-0.02
7) Naphthalene-d8	10.60	136	2225	0.40	ng	0.00
13) Acenaphthene-d10	14.44	164	1920	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6586	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	7761	0.40	ng	-0.04
34) Perylene-d12	23.86	264	9064	0.40	ng	-0.07

System Monitoring Compounds

4) 2-Fluorophenol	5.35	112	1491	0.89	ng	0.00
5) Phenol-d6	6.96	99	1853	0.86	ng	0.00
8) Nitrobenzene-d5	8.98	82	1239	0.59	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1530	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	834	0.59	ng	-0.03
15) 2-Fluorobiphenyl	13.09	172	4862	0.67	ng	-0.01
25) Fluoranthene-d10	19.22	212	33735	0.35	ng	-0.03
29) Terphenyl-d14	19.82	244	12909	0.92	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	104	0.114	ng	# 84
3) n-Nitrosodimethylamine	3.63	42	61m	0.115	ng	
6) bis(2-Chloroethyl)ether	7.23	93	187	0.106	ng	# 58
9) Naphthalene	10.64	128	2943	0.123	ng	# 91
10) Hexachlorobutadiene	10.90	225	235	0.128	ng	96
12) 2-Methylnaphthalene	12.28	142	468	0.120	ng	91
16) Acenaphthylene	14.17	152	1053	0.110	ng	98
17) Acenaphthene	14.51	154	574	0.110	ng	98
18) Fluorene	15.49	166	907	0.116	ng	97
20) 4-Bromophenyl-phenylether	16.39	248	404	0.108	ng	# 90
21) Hexachlorobenzene	16.49	284	447	0.117	ng	98
22) Pentachlorophenol	16.92	266	81	0.344	ng	91
23) Phenanthrene	17.23	178	1737	0.109	ng	99
24) Anthracene	17.32	178	1220	0.083	ng	96
26) Fluoranthene	19.25	202	2871	0.106	ng	98
28) Pyrene	19.61	202	2848	0.140	ng	98
30) Benzo(a)anthracene	21.35	228	2372	0.102	ng	93
31) Chrysene	21.40	228	3123	0.130	ng	96
32) Bis(2-ethylhexyl)phthalate	21.26	149	3471	0.104	ng	99
33) Indeno(1,2,3-cd)pyrene	26.53	276	2951	0.104	ng	# 89
35) Benzo(b)fluoranthene	23.10	252	2678	0.105	ng	# 84
36) Benzo(k)fluoranthene	23.15	252	3081	0.116	ng	# 85
37) Benzo(a)pyrene	23.76	252	2815	0.113	ng	# 76
38) Dibenzo(a,h)anthracene	26.55	278	2505m	0.099	ng	
39) Benzo(g,h,i)perylene	27.34	276	2933	0.113	ng	# 87

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

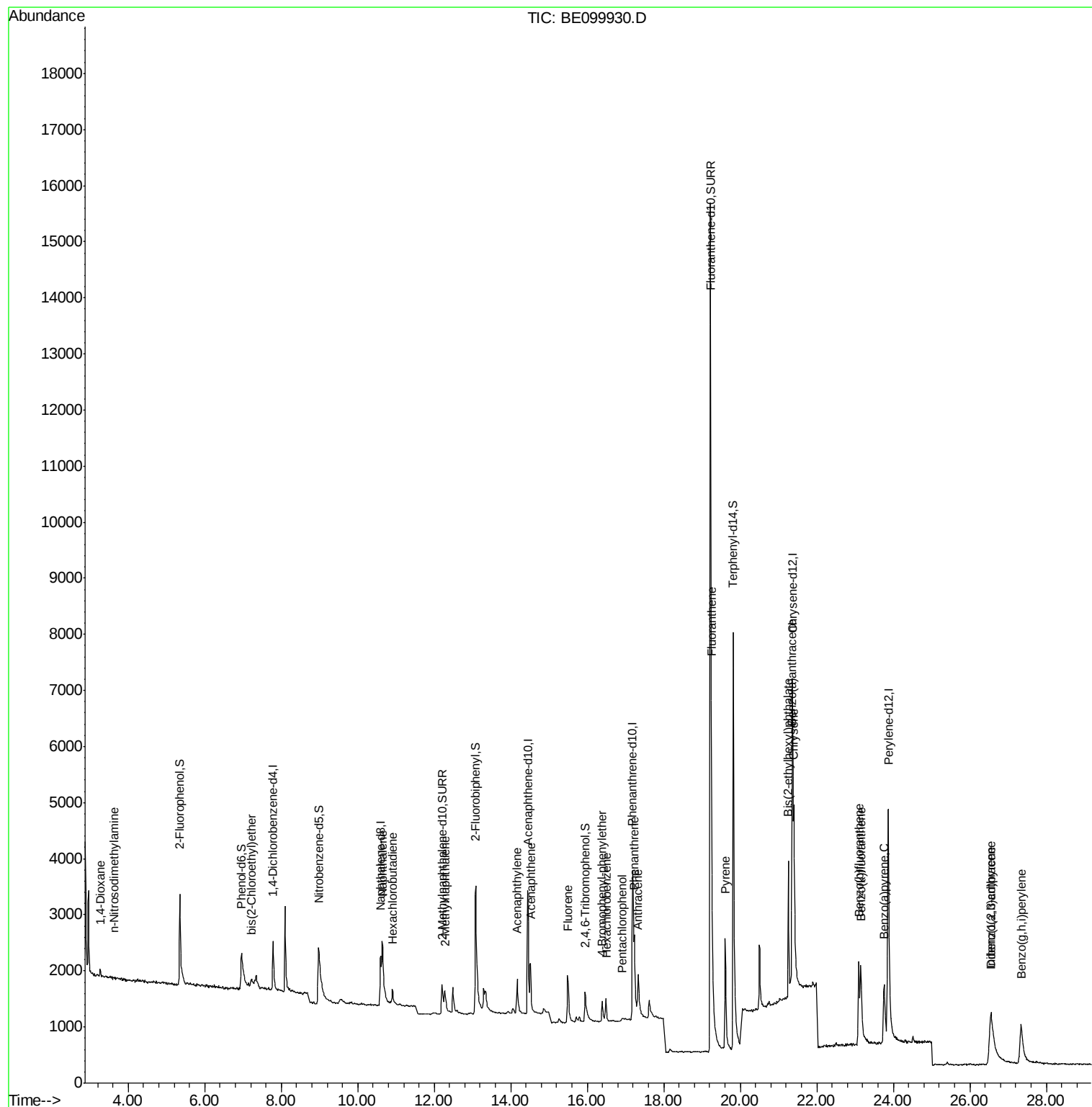
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099930.D
Acq On : 11 Jun 2019 18:45
Operator : JU/SJ
Sample : K2241-03
Misc : MDL-SOIL-0.1PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Manual Integrations
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Quant Time: Jun 12 16:40:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

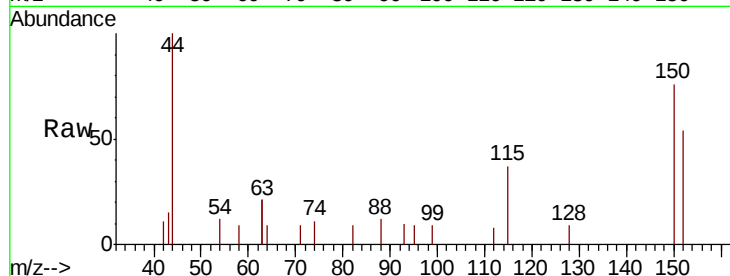
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.02 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	111.0	166.6
115	68.1	50.7	76.1

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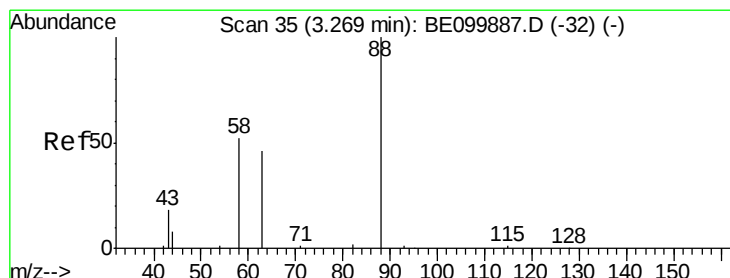
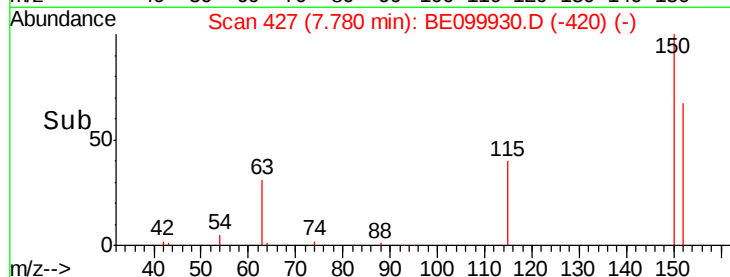
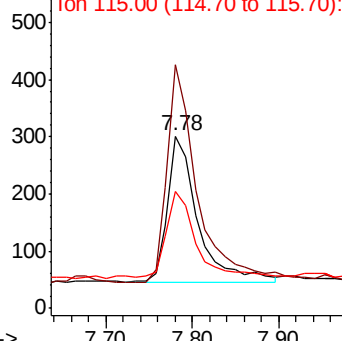


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

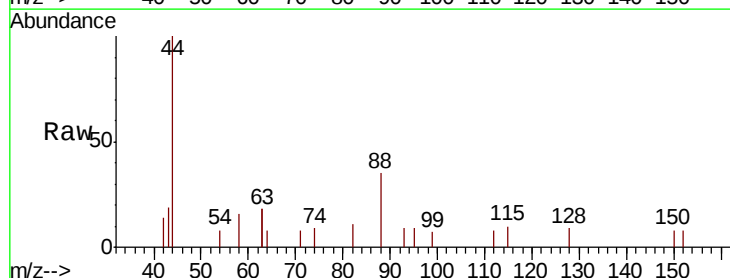
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.114 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	48.8	73.2
43	32.7	19.0	28.6

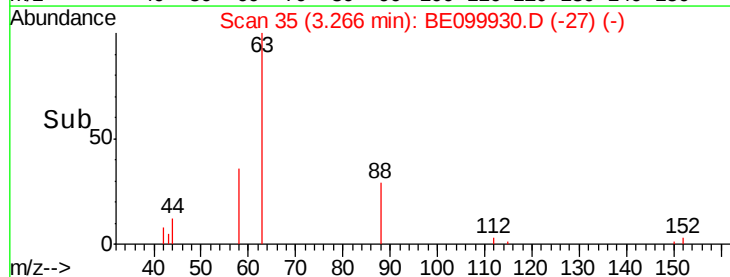
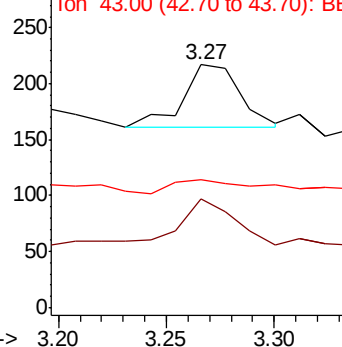


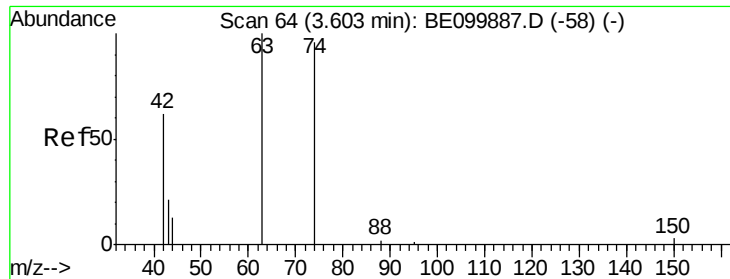
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

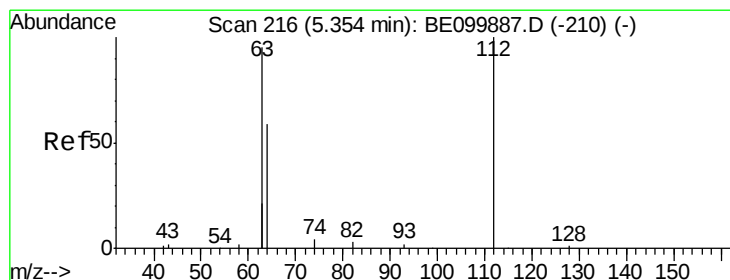
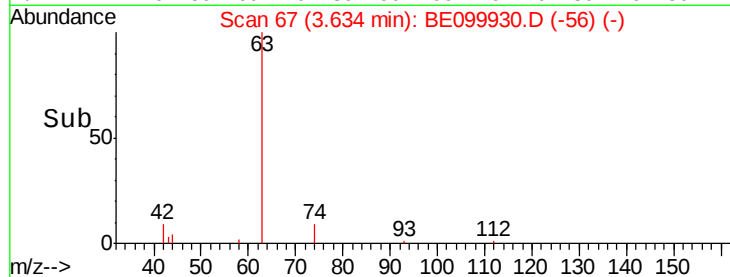
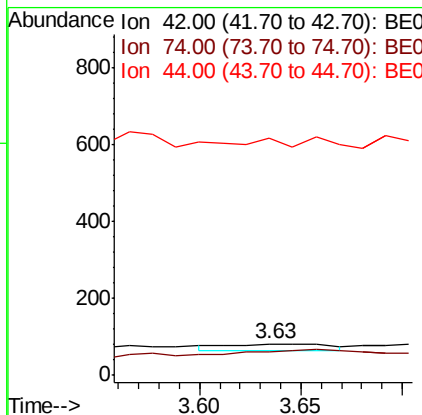
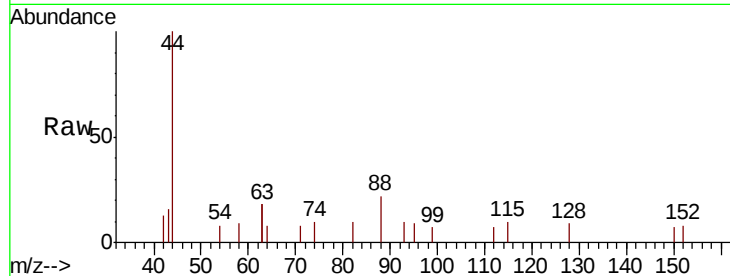
n-Nitrosodimethylamine
Concen: 0.115 ng/ml
RT: 3.63 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	42	Resp	61
Ion	Ratio	Lower	Upper
42	100		
74	16.4	0.0	0.0#
44	75.4	0.0	0.0#

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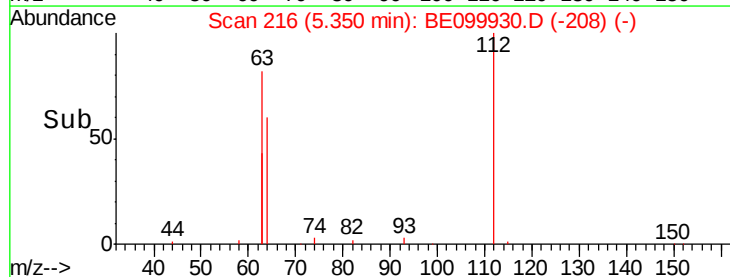
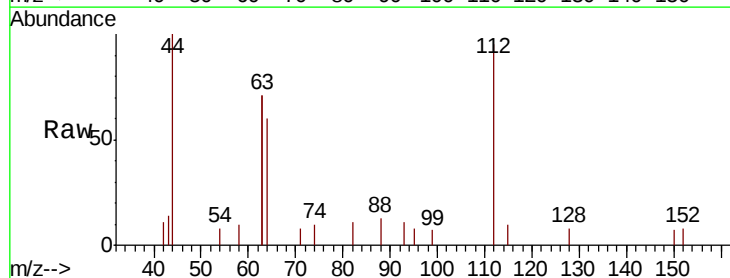
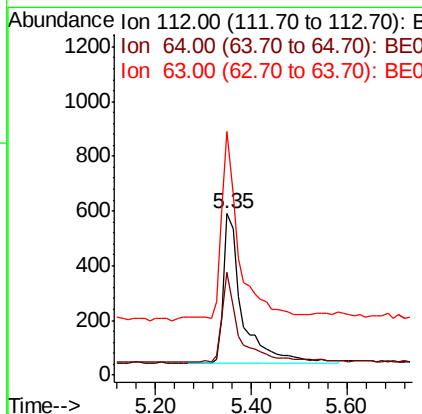
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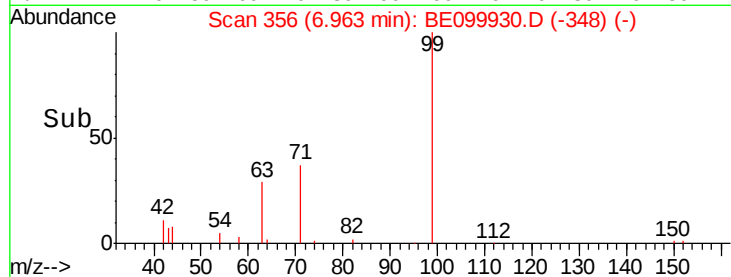
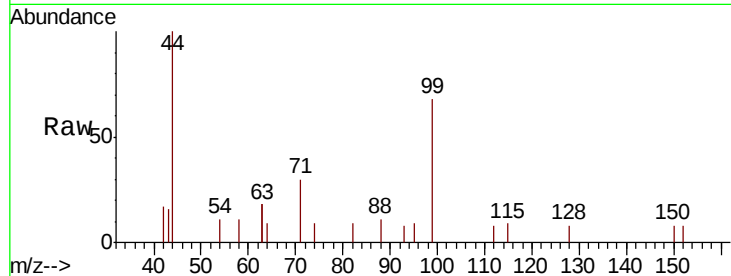
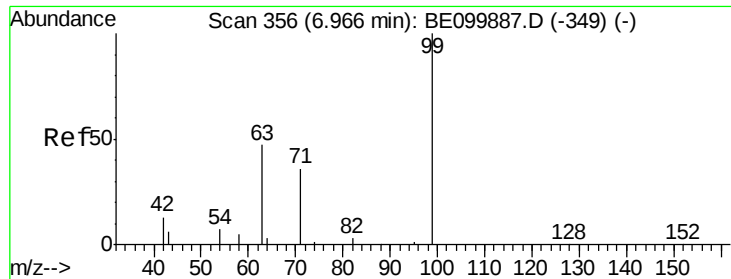


#4

2-Fluorophenol
Concen: 0.892 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	112	Resp	1491
Ion	Ratio	Lower	Upper
112	100		
64	53.2	44.1	66.1
63	110.3	87.8	131.6





#5

Phenol-d6

Concen: 0.861 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tot Ion:	99	Resp:	1853
Ion	Ratio	Lower	Upper
99	100		
42	12.4	15.9	23.9#
71	38.4	34.6	52.0

Instrument :

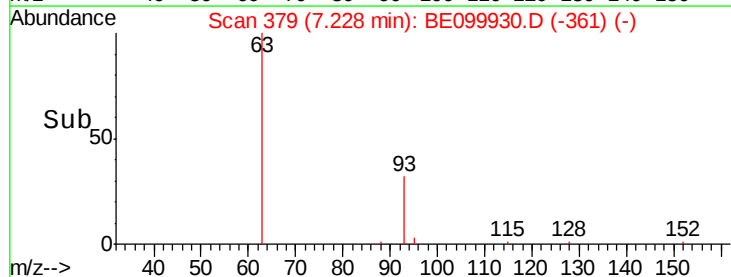
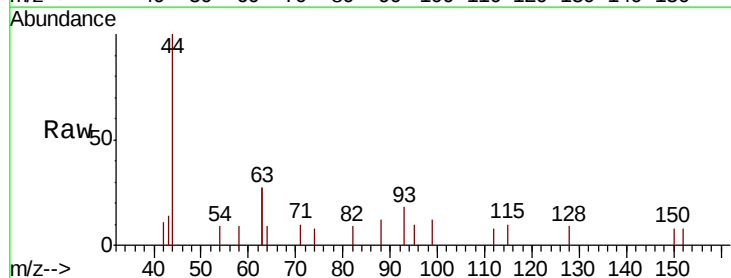
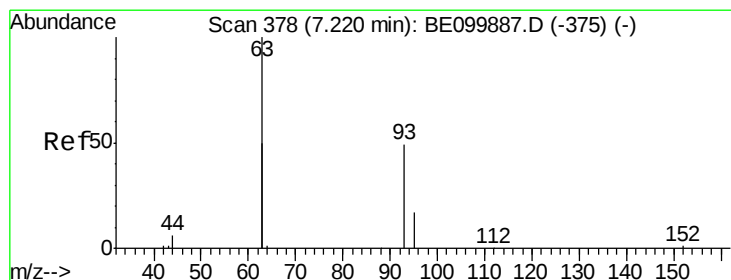
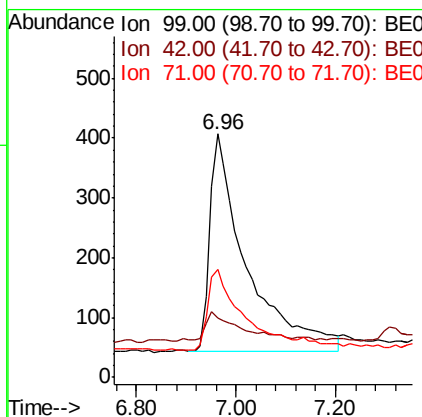
BNA_E

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.106 ng

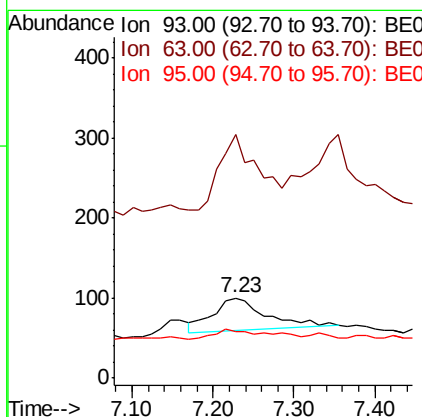
RT: 7.23 min Scan# 379

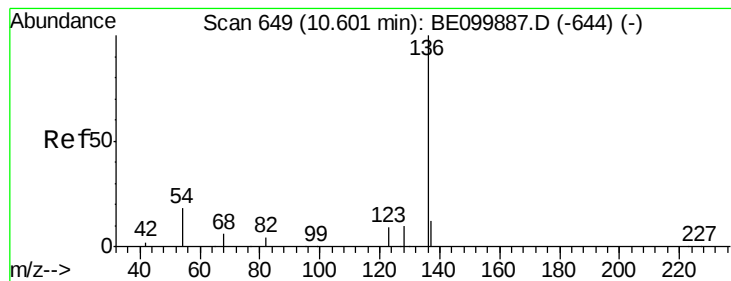
Delta R.T. 0.01 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tgt Ion:	93	Resp:	187
Ion	Ratio	Lower	Upper
93	100		
63	170.1	202.8	304.2#
95	29.4	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Instrument :

BNA_E

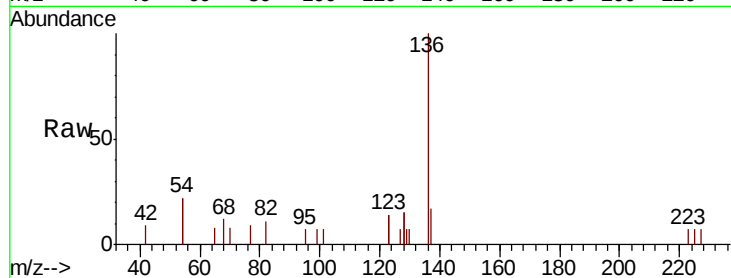
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.9	12.3	18.5
54	44.1	28.2	42.4
68	11.7	7.8	11.8

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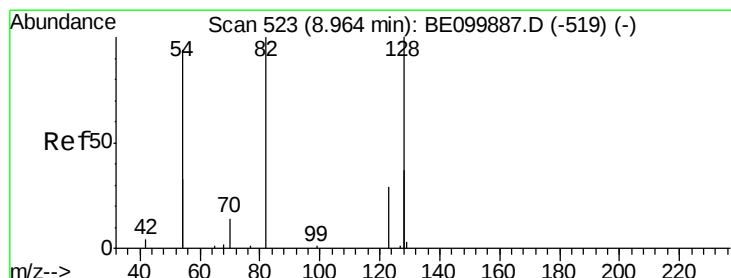
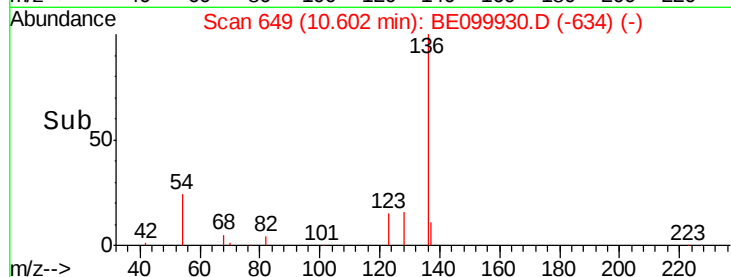
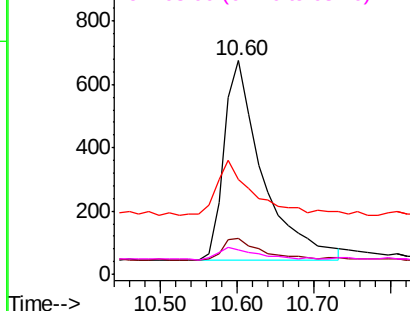
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.588 ng

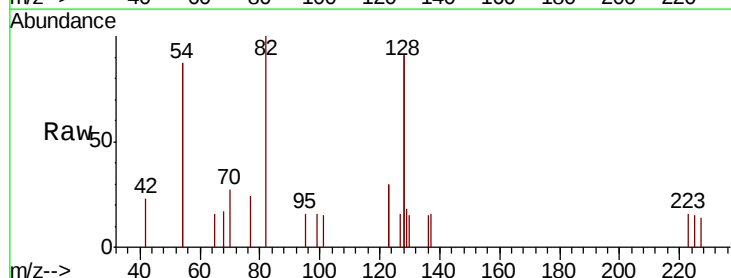
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
82	100		
128	181.6	137.3	205.9
54	173.7	129.7	194.5

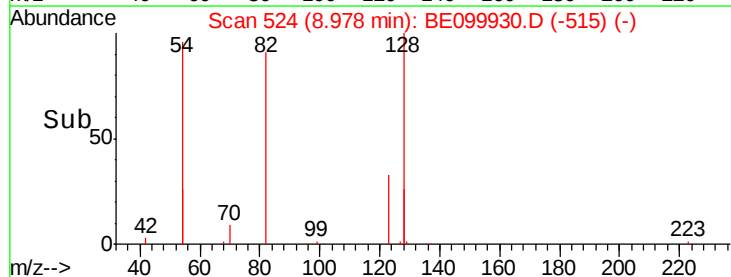
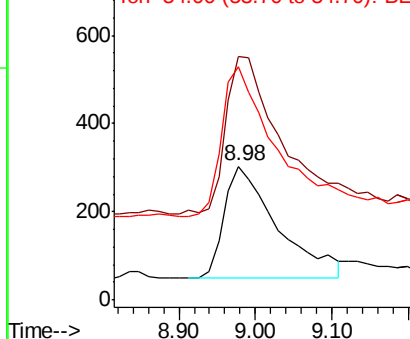


Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





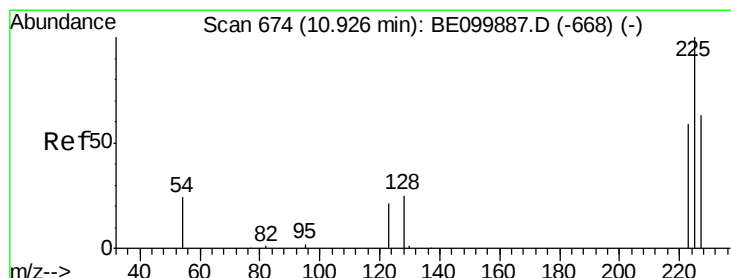
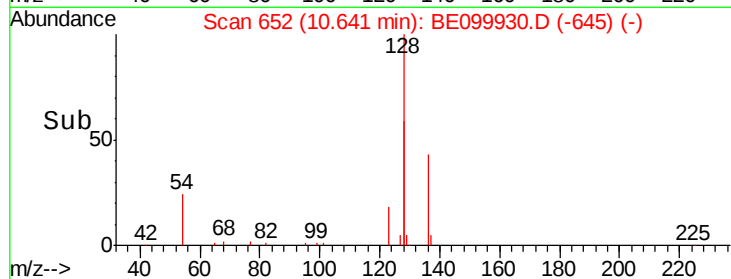
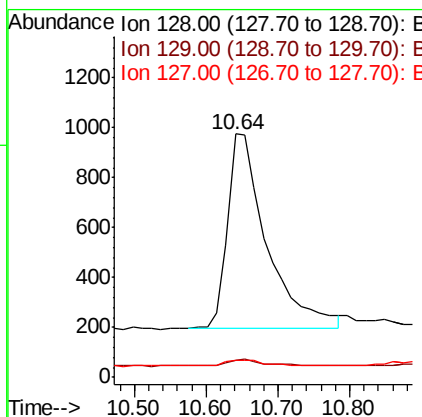
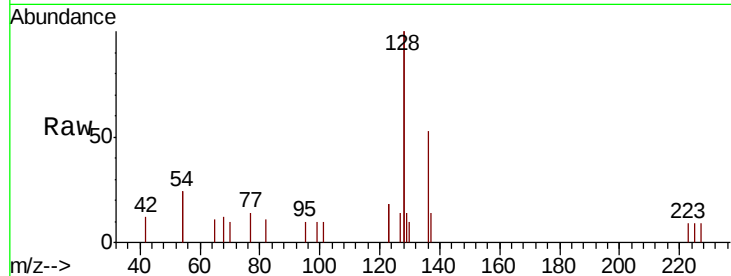
#9
Naphthalene
Concen: 0.123 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	7.2	3.0	4.6#
127	7.1	3.4	5.0#

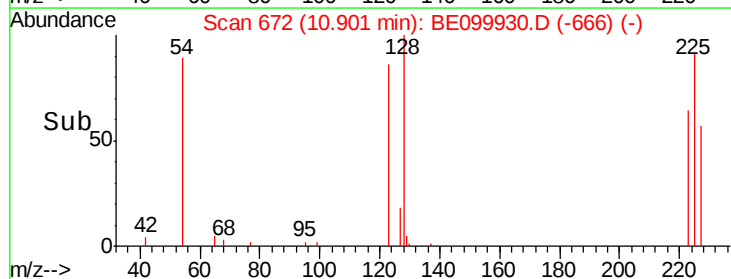
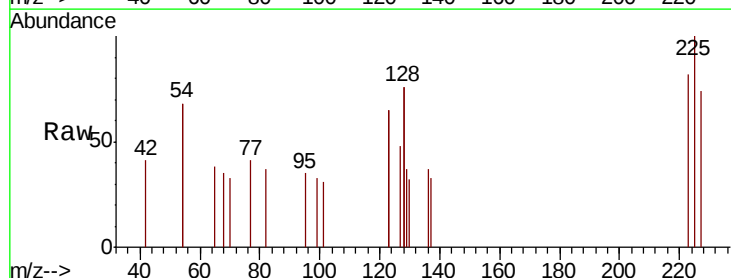
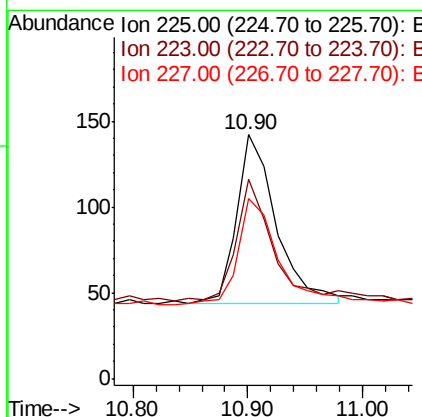
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#10
Hexachlorobutadiene
Concen: 0.128 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.6	77.4
227	60.4	50.6	76.0





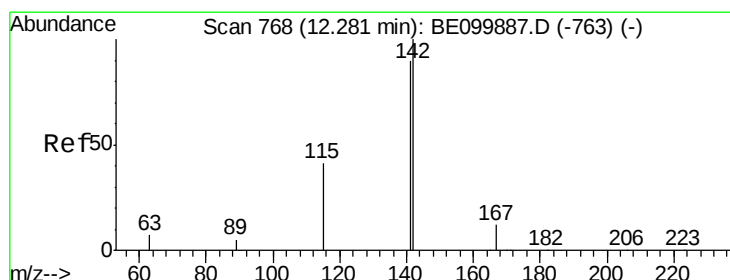
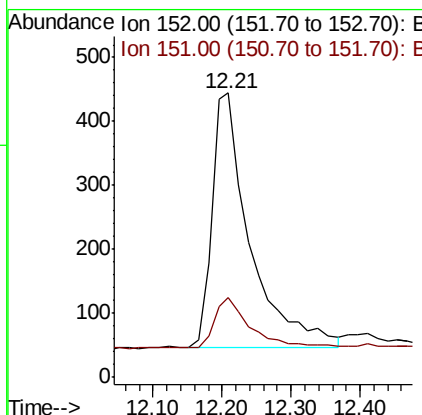
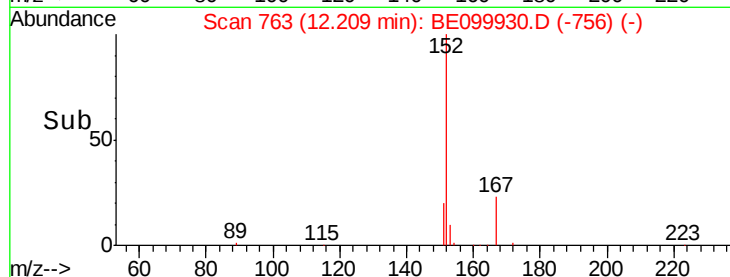
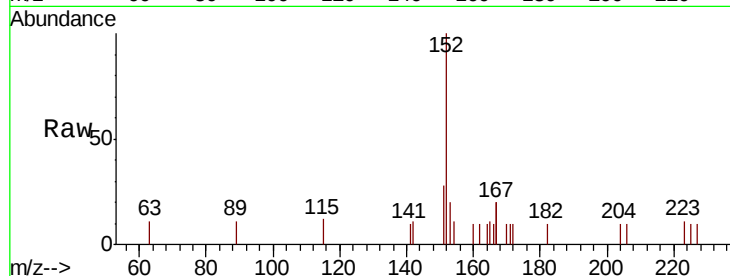
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.2	22.8

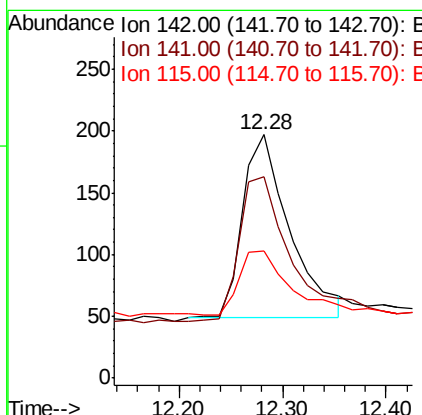
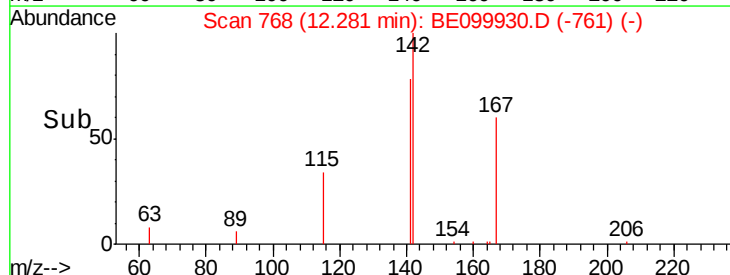
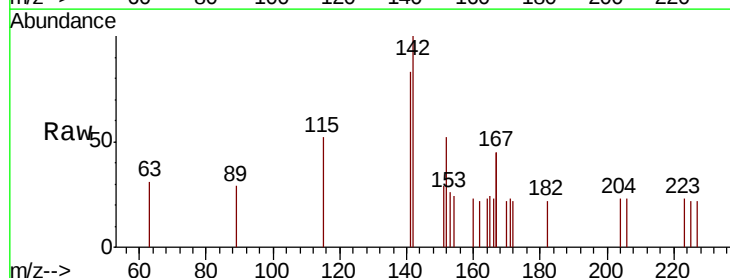
Manual Integrations
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#12
2-Methylnaphthalene
Concen: 0.120 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.7	72.3	108.5
115	52.3	36.4	54.6





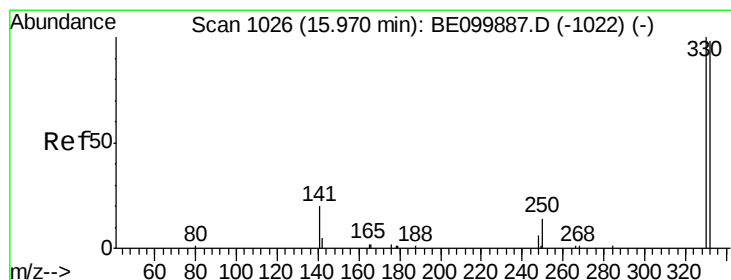
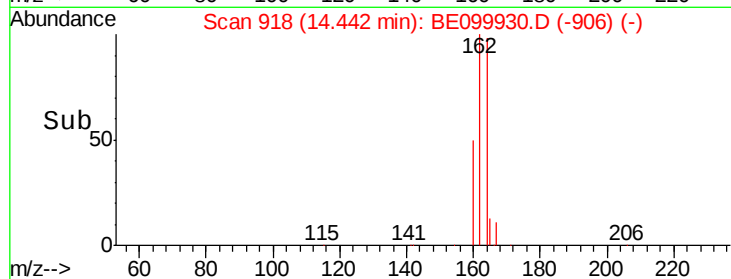
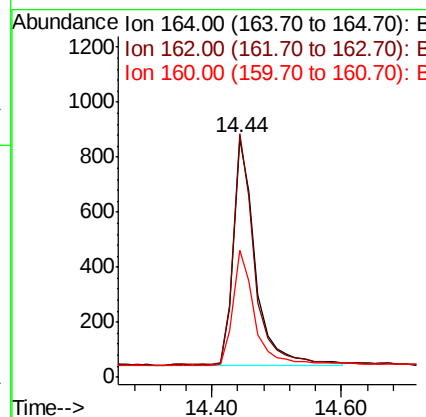
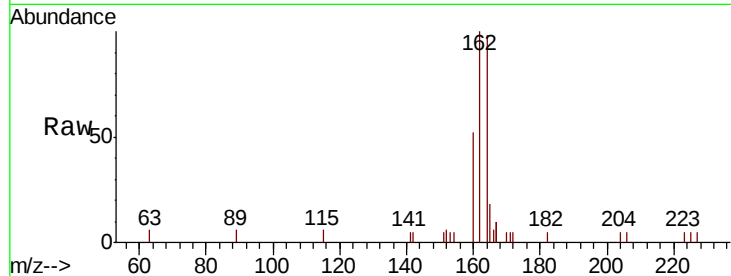
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099930.D
 Acq: 11 Jun 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	77.8	116.8
160	53.3	38.2	57.4

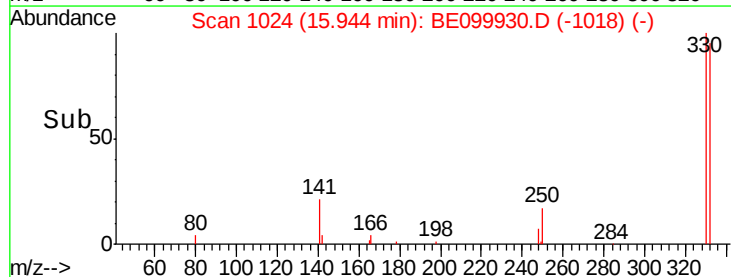
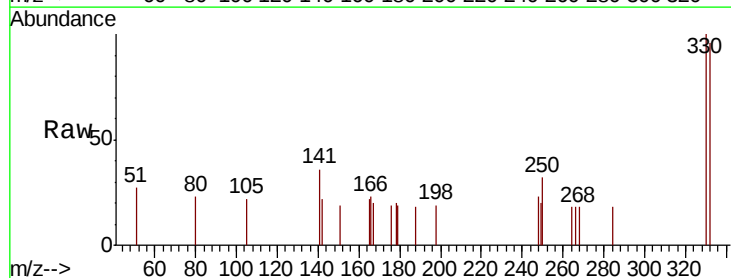
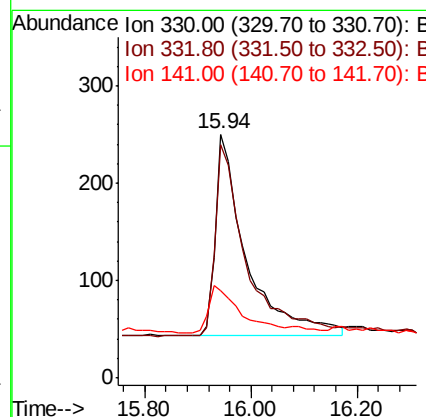
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#14
 2,4,6-Tribromophenol
 Concen: 0.588 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099930.D
 Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	23.9	21.0	31.6





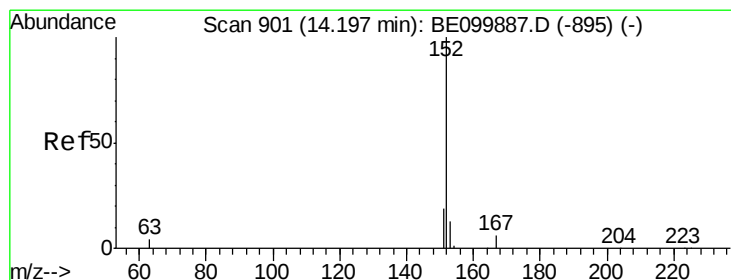
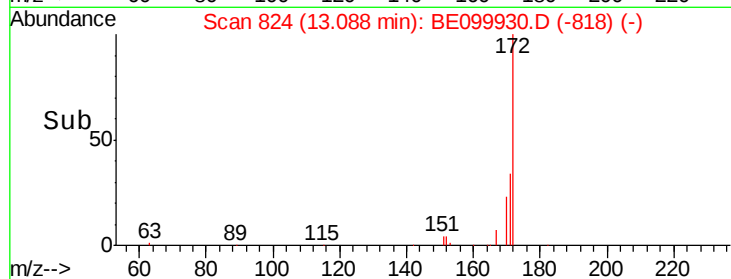
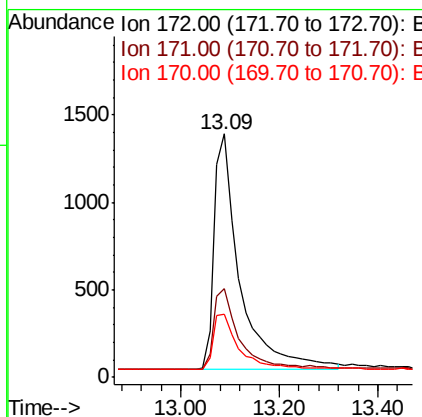
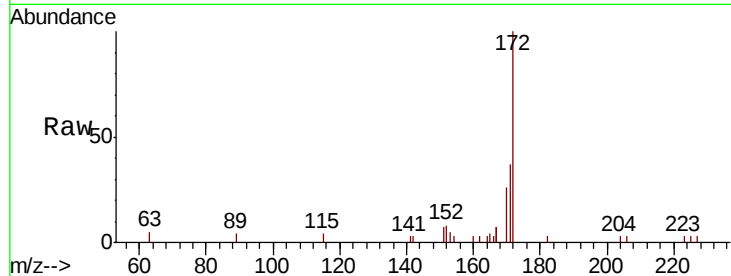
#15
2-Fluorobiphenyl
Concen: 0.668 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.7	21.2	31.8

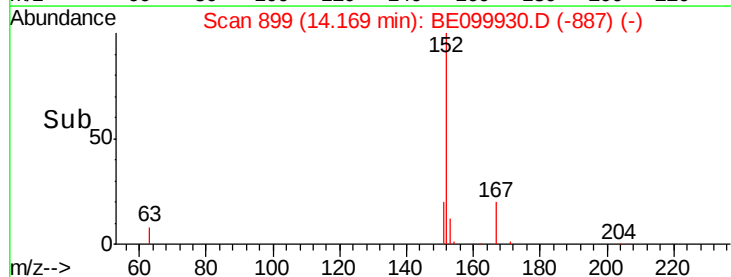
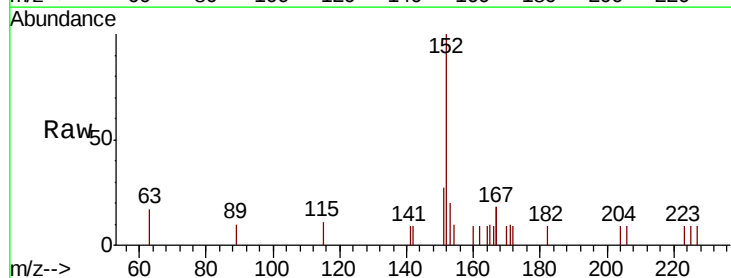
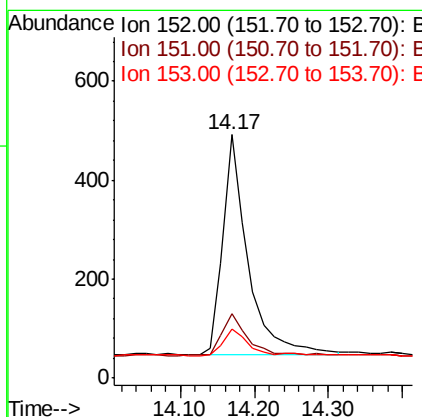
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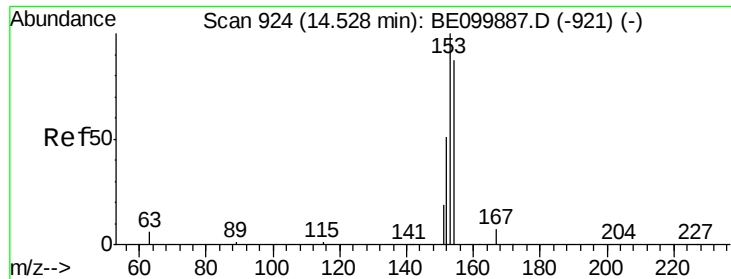
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#16
Acenaphthylene
Concen: 0.110 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.5	23.3
153	12.8	10.2	15.2





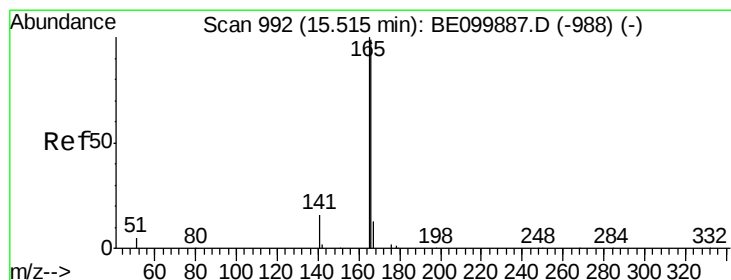
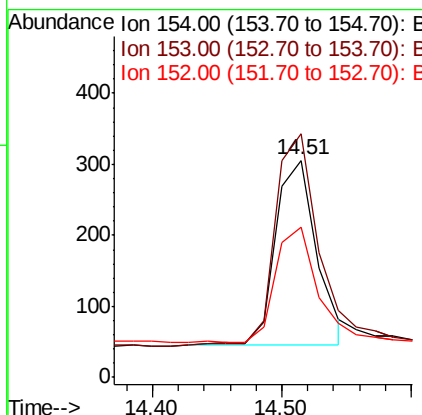
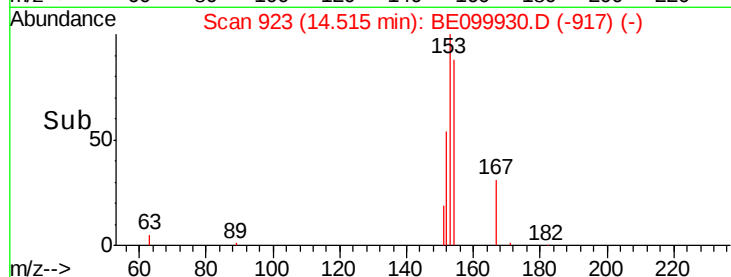
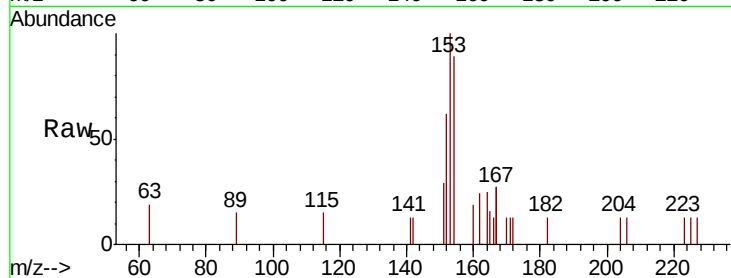
#17
Acenaphthene
Concen: 0.110 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.6	93.1	139.7
152	62.4	47.0	70.4

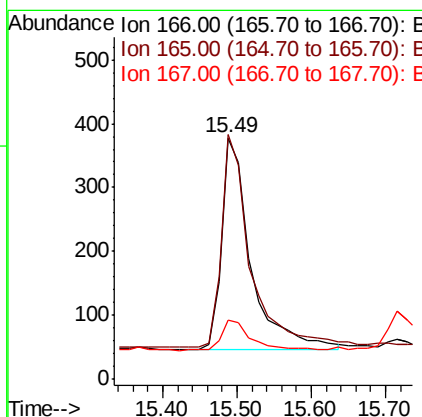
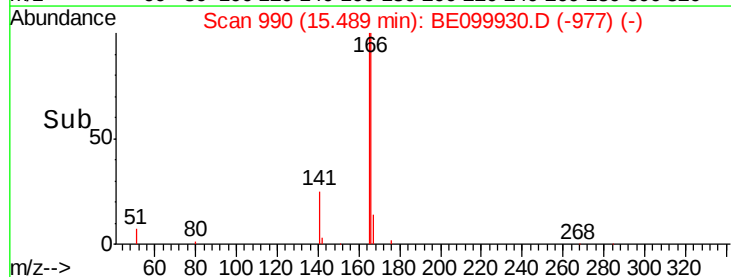
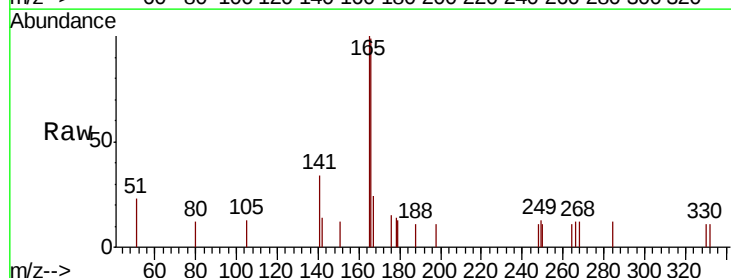
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#18
Fluorene
Concen: 0.116 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.8	122.8
167	15.1	11.2	16.8





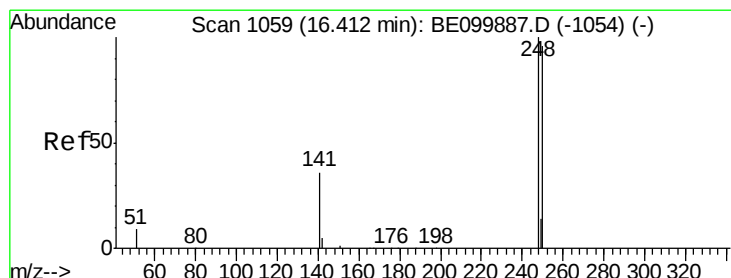
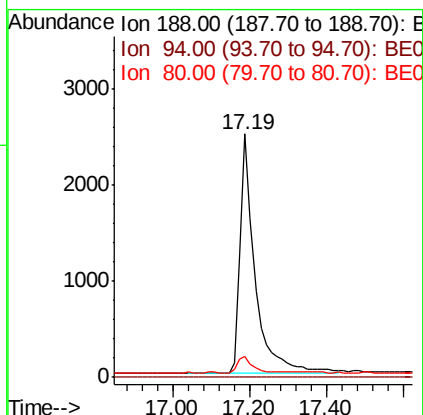
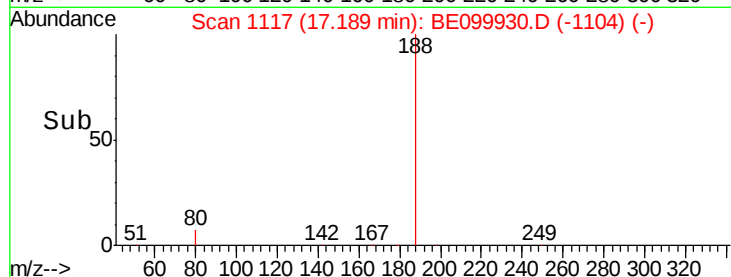
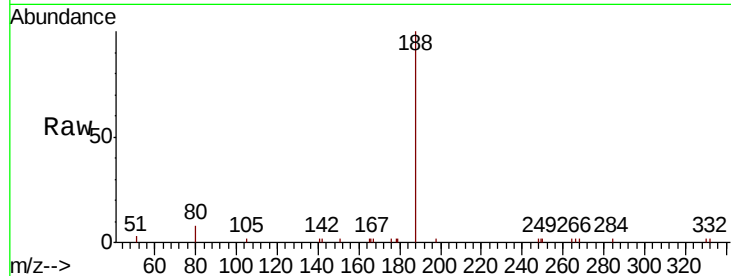
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.4	9.6

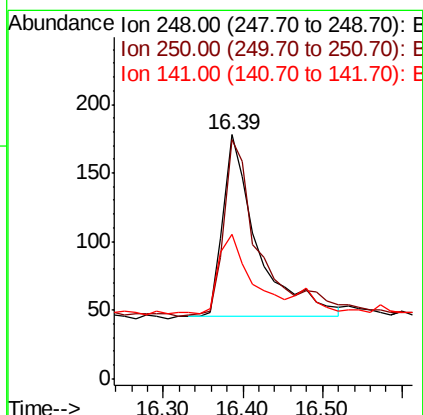
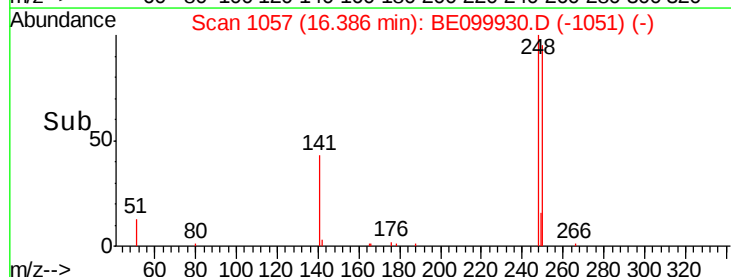
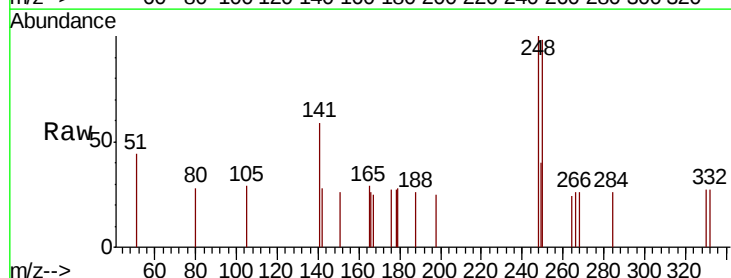
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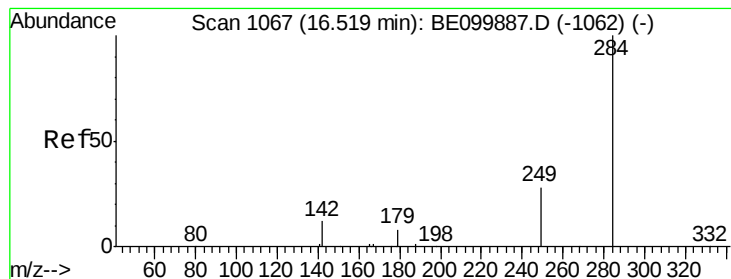
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#20
4-Bromophenyl-phenylether
Concen: 0.108 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.8	77.5	116.3
141	59.0	31.8	47.8#





#21

Hexachlorobenzene

Concen: 0.117 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Instrument :

BNA_E

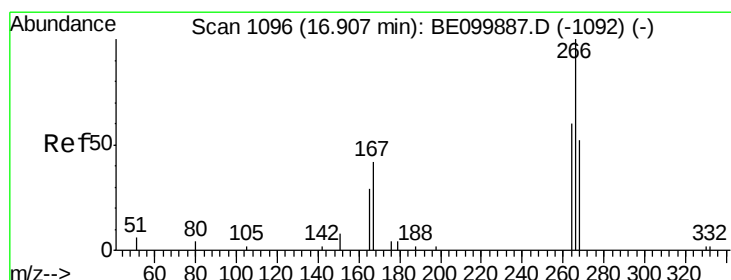
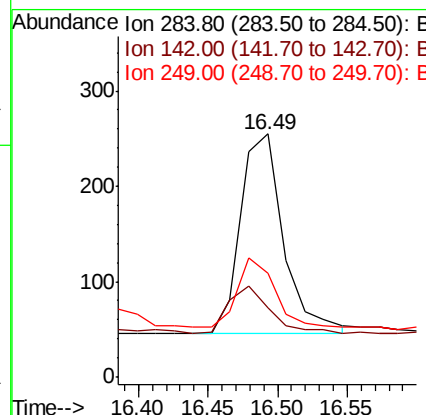
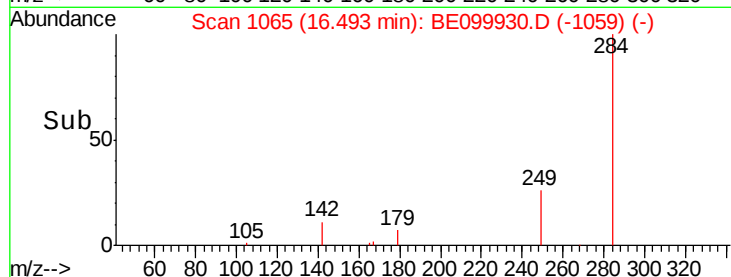
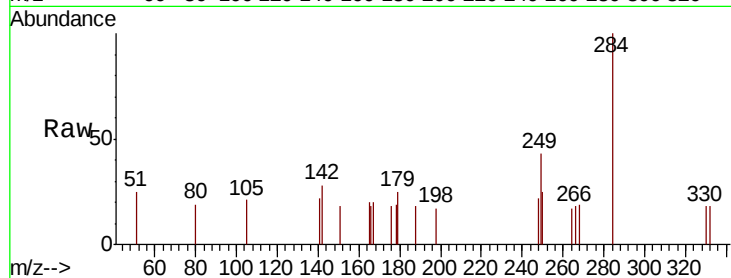
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	284	Resp:	447
Ion Ratio	Lower	Upper	
284	100		
142	23.0	18.2	27.4
249	28.9	24.6	37.0

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#22

Pentachlorophenol

Concen: 0.344 ng

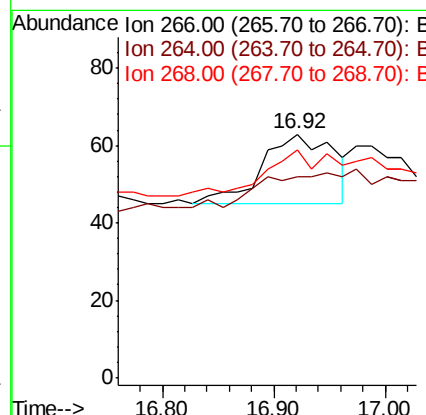
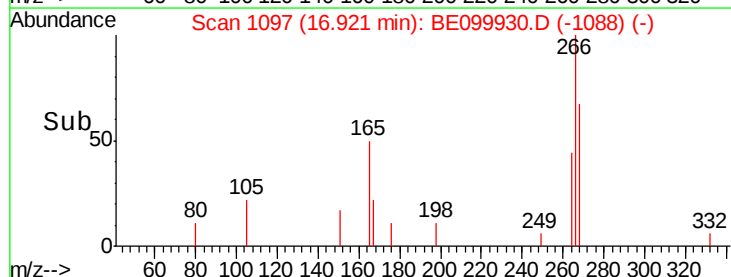
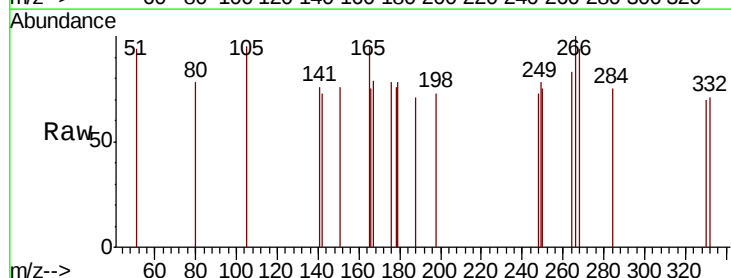
RT: 16.92 min Scan# 1097

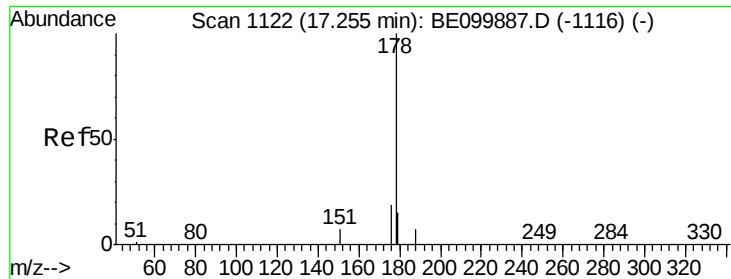
Delta R.T. 0.01 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tgt Ion:	266	Resp:	81
Ion Ratio	Lower	Upper	
266	100		
264	82.5	62.2	93.2
268	93.7	65.5	98.3





#23

Phenanthrene

Concen: 0.109 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Instrument :

BNA_E

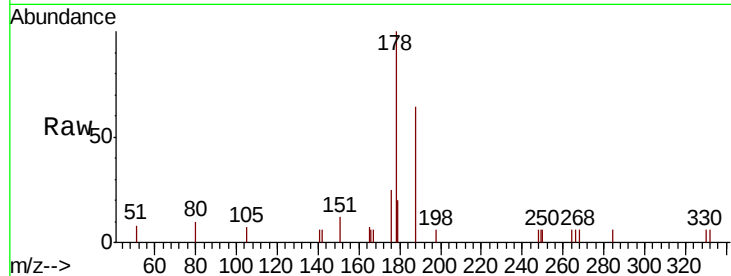
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

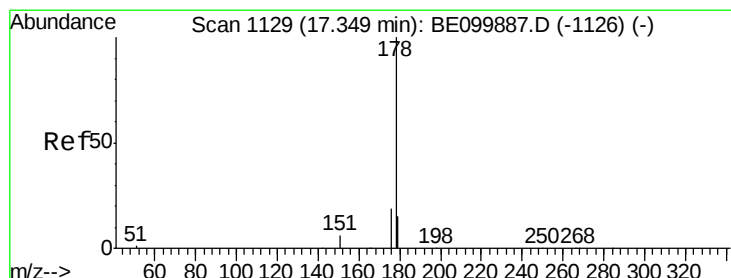
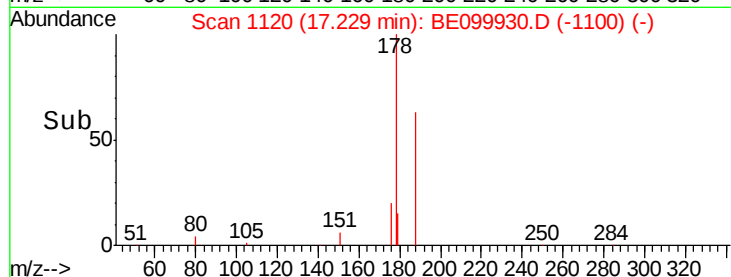
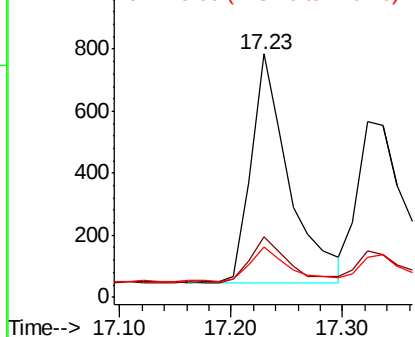
Tot Ion:178	Resp:	1737
Ion Ratio	Lower	Upper
178	100	
176	20.5	15.8 23.8
179	15.7	12.4 18.6

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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



#24

Anthracene

Concen: 0.083 ng

RT: 17.32 min Scan# 1127

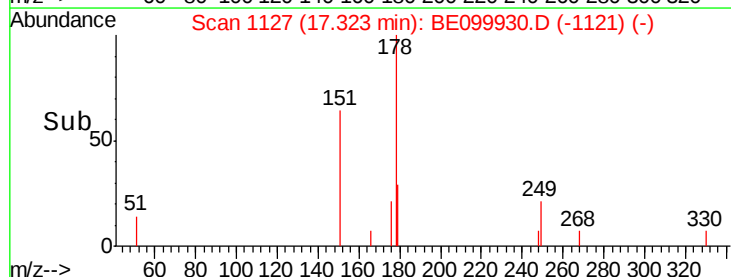
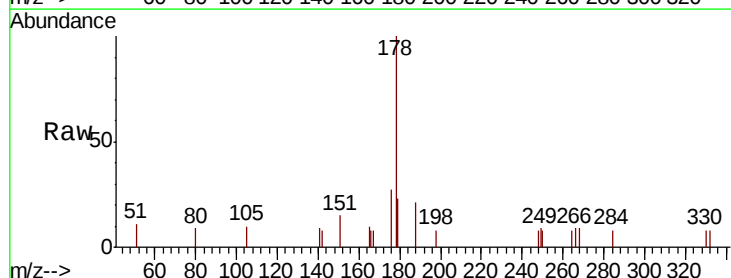
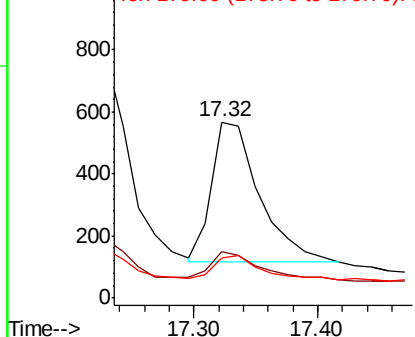
Delta R.T. -0.03 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tgt Ion:178	Resp:	1220
Ion Ratio	Lower	Upper
178	100	
176	20.2	14.6 22.0
179	16.5	12.3 18.5

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





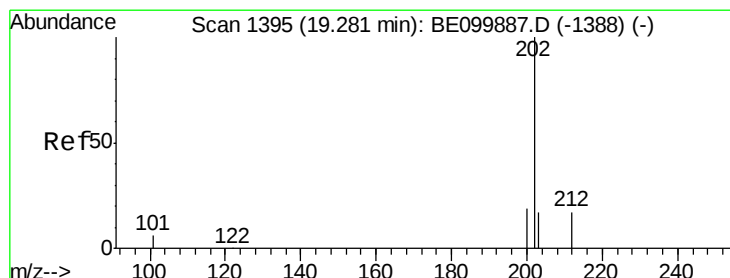
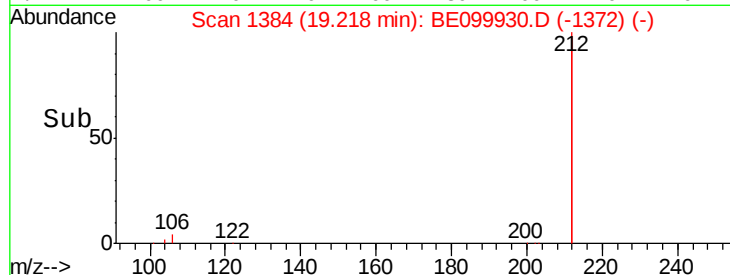
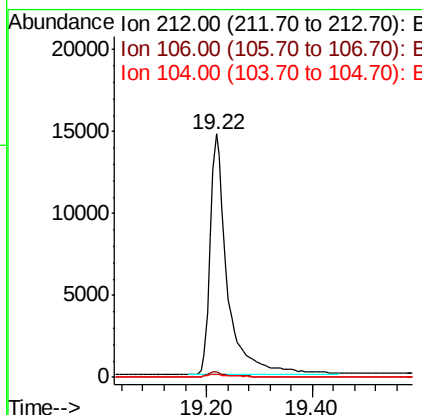
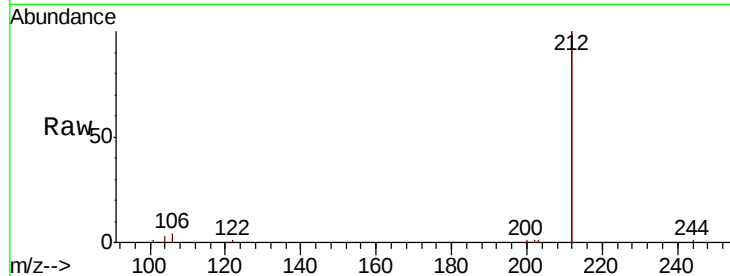
#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

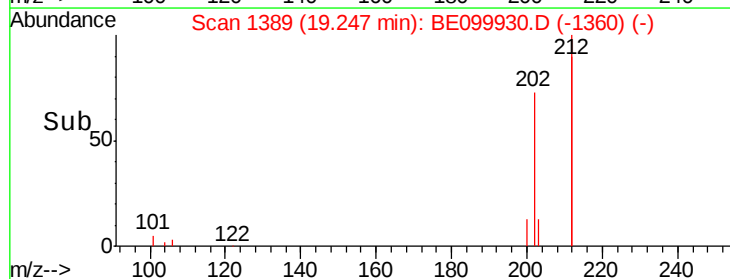
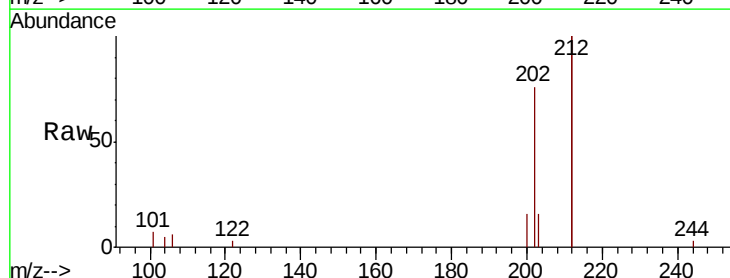
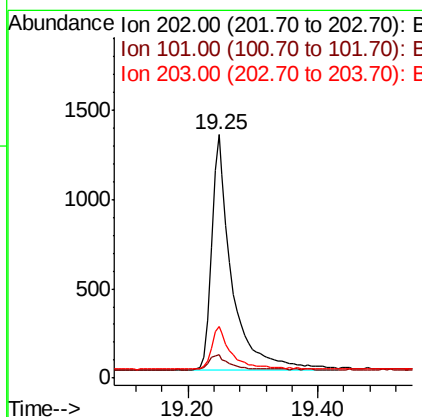
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#26
Fluoranthene
Concen: 0.106 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.4	13.2	19.8





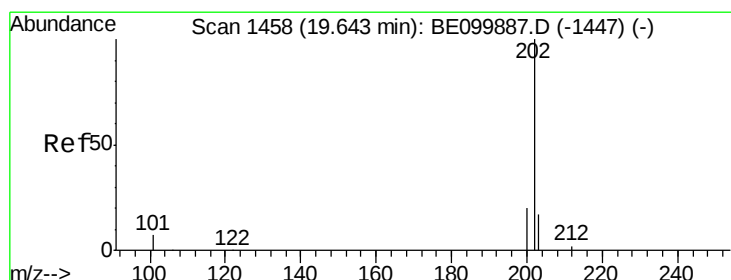
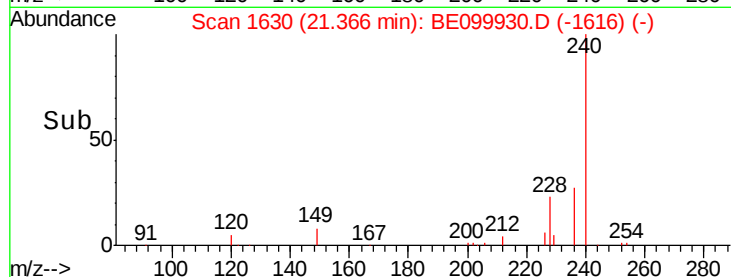
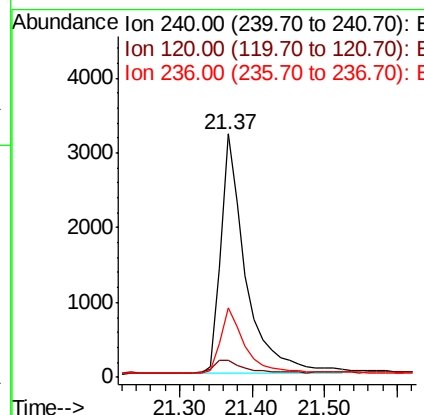
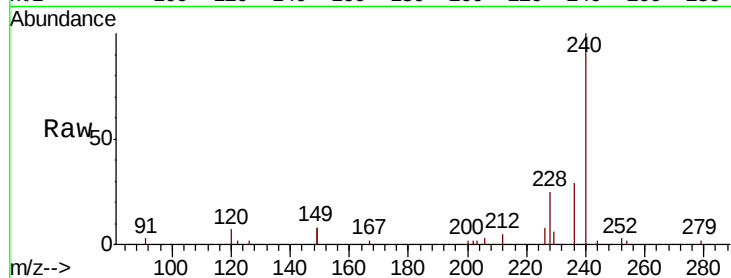
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	3.8	5.6#
236	28.6	22.0	33.0

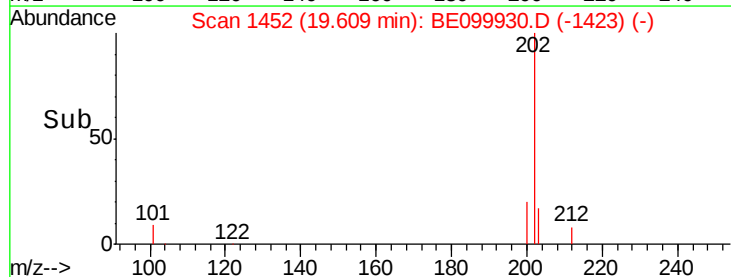
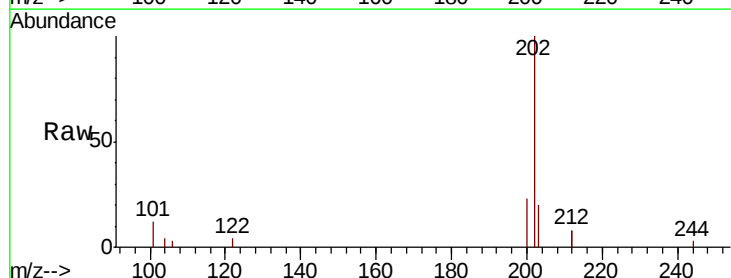
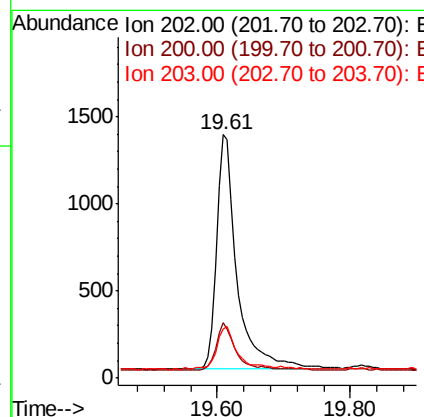
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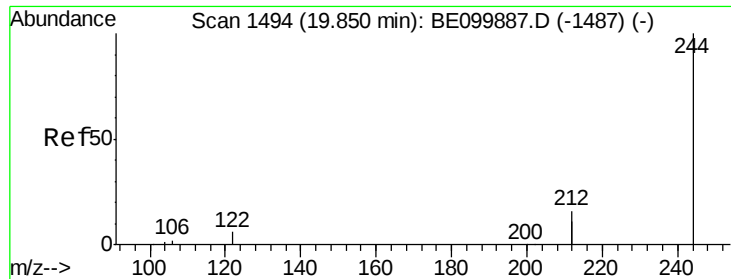
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#28
Pyrene
Concen: 0.140 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	19.3	14.0	21.0





#29

Terphenyl-d14

Concen: 0.924 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Instrument :

BNA_E

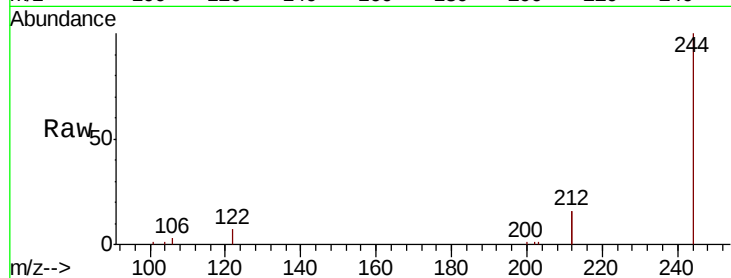
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

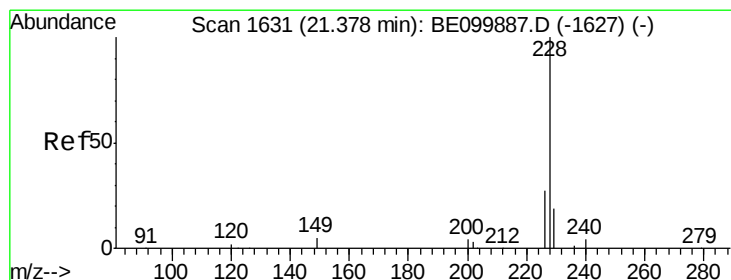
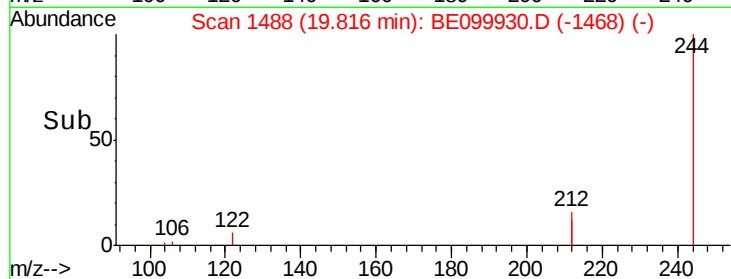
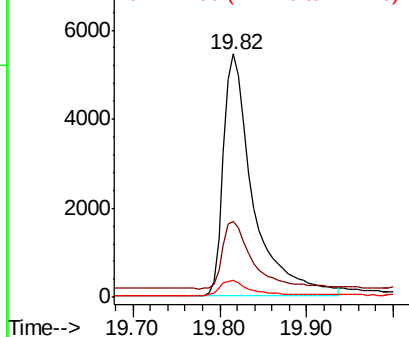
Tot Ion:	244	Resp:	12909
Ion Ratio	Lower	Upper	
244	100		
212	31.2	25.7	38.5
122	6.8	5.5	8.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.102 ng

RT: 21.35 min Scan# 1629

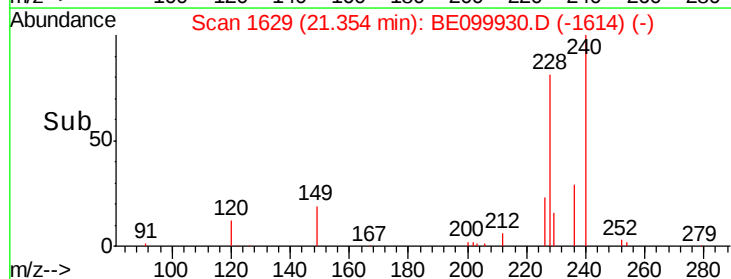
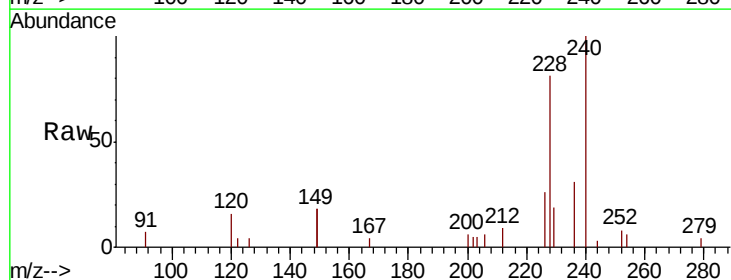
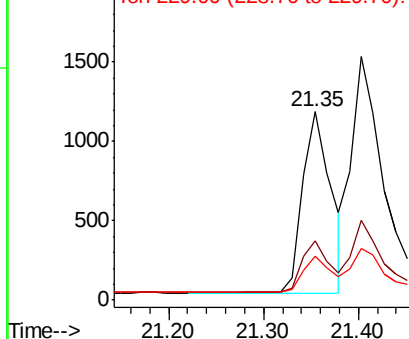
Delta R.T. -0.02 min

Lab File: BE099930.D

Acq: 11 Jun 2019 18:45

Tgt Ion:	228	Resp:	2372
Ion Ratio	Lower	Upper	
228	100		
226	31.4	22.5	33.7
229	23.6	15.9	23.9

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





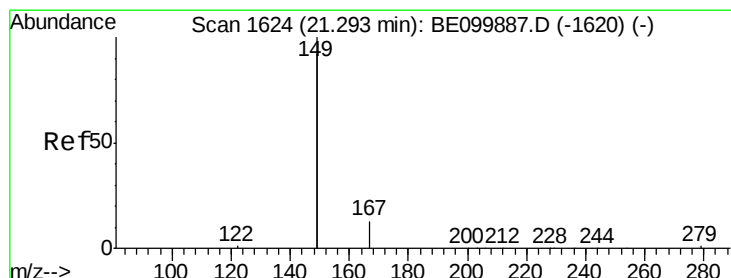
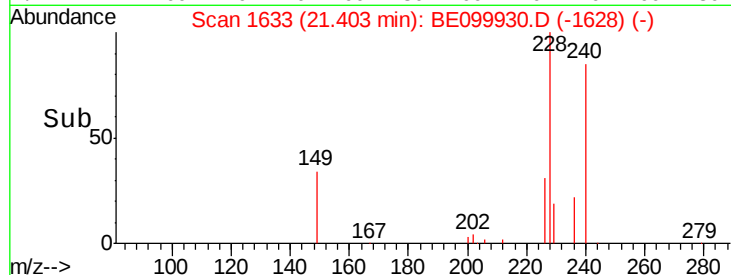
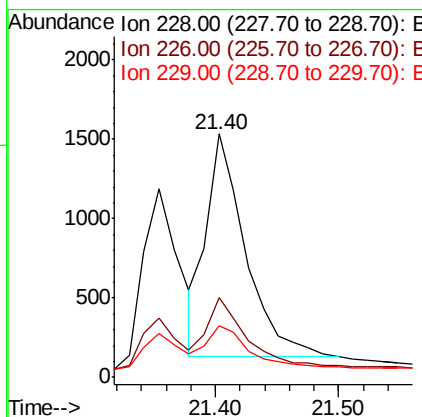
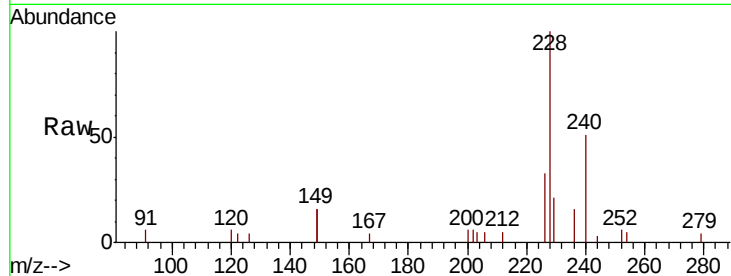
#31
Chrysene
Concen: 0.130 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.1	36.1
229	21.4	16.1	24.1

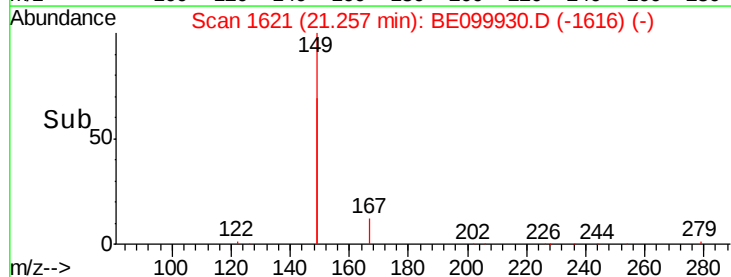
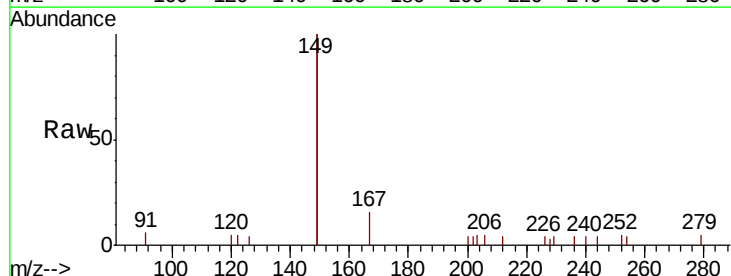
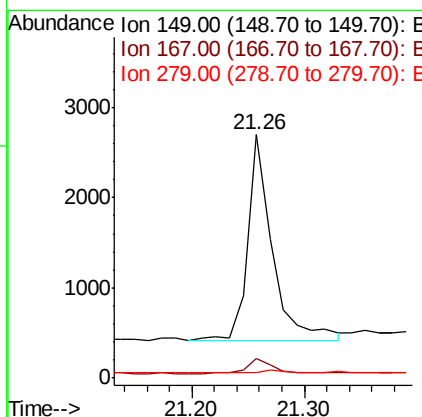
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.9	8.9
279	1.7	1.2	1.8





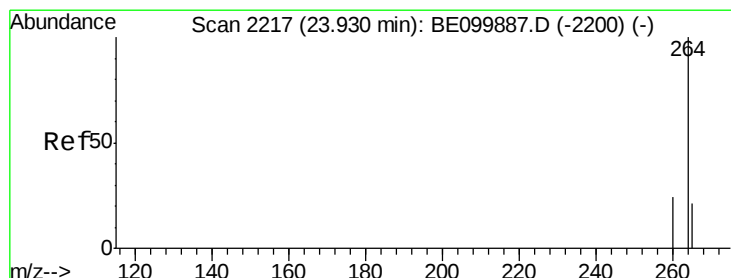
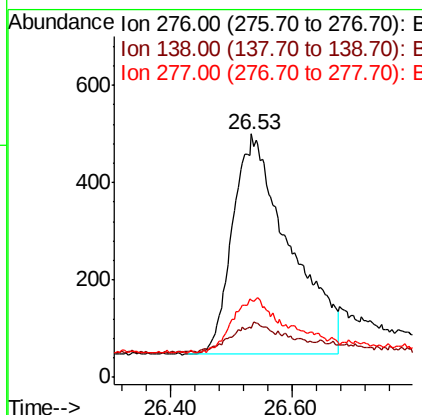
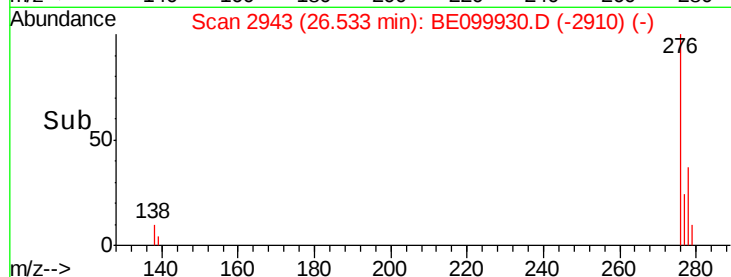
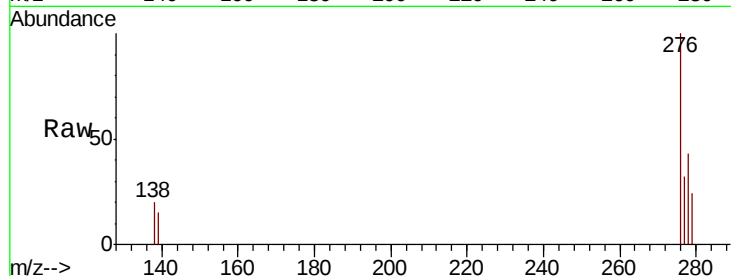
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng
 RT: 26.53 min Scan# 2943
 Delta R.T. -0.08 min
 Lab File: BE099930.D
 Acq: 11 Jun 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	10.1	15.1#
277	18.4	19.1	28.7#

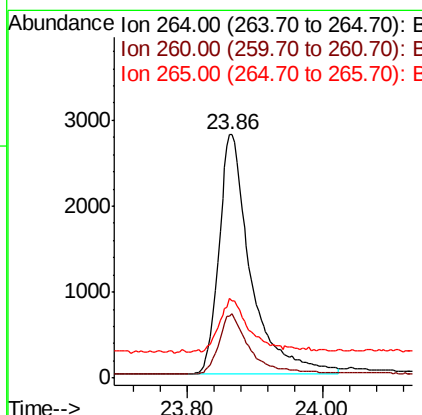
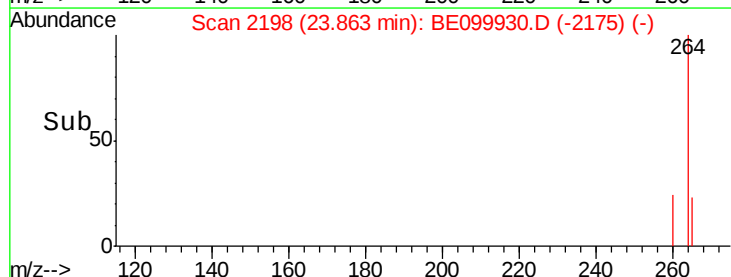
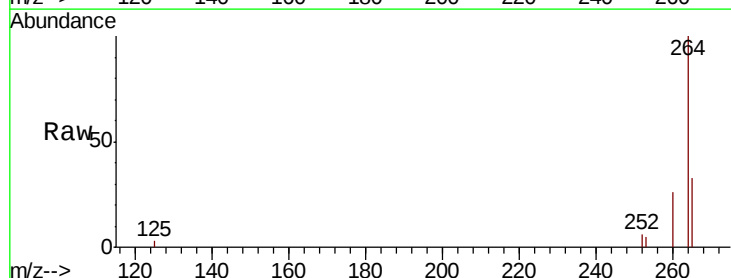
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.07 min
 Lab File: BE099930.D
 Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	32.7	22.0	33.0





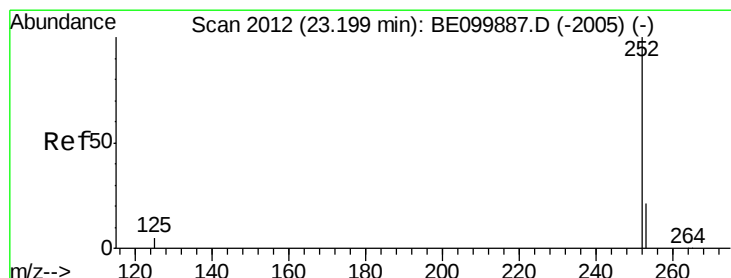
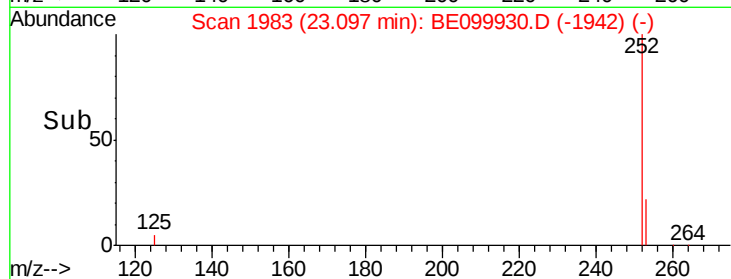
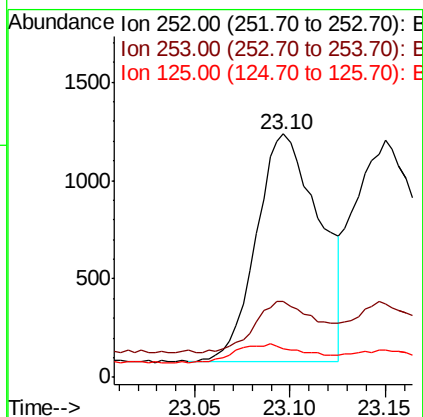
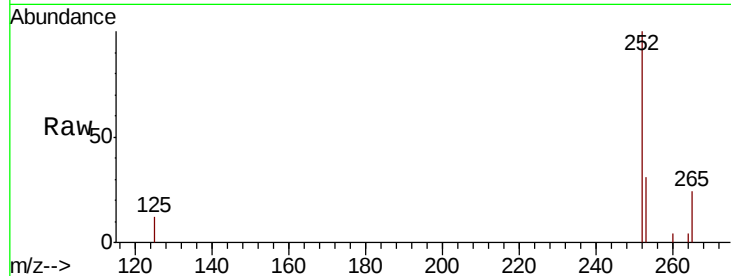
#35
Benzo(b)fluoranthene
Concen: 0.105 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.4	18.7	28.1#
125	11.6	5.7	8.5#

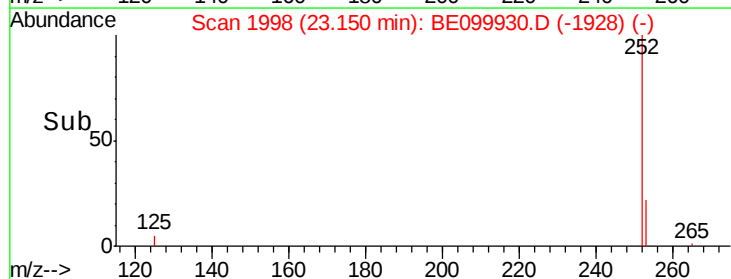
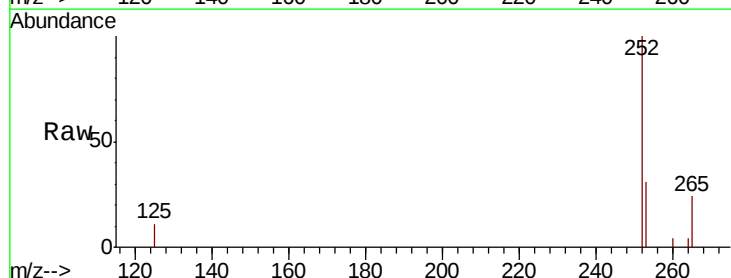
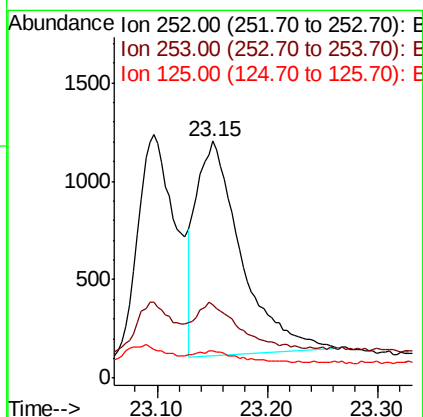
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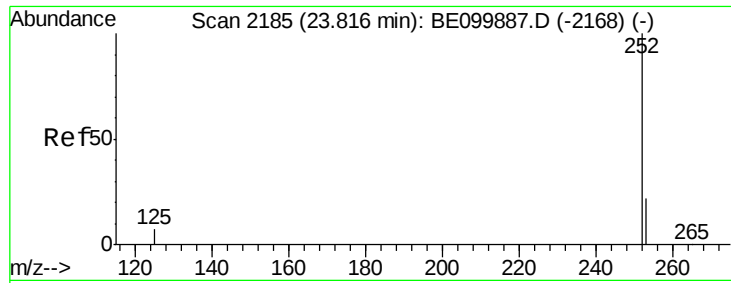
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#36
Benzo(k)fluoranthene
Concen: 0.116 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.6	28.0#
125	11.3	5.4	8.0#





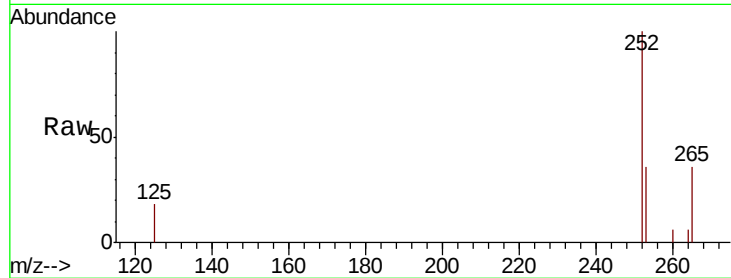
#37
Benzo(a)pyrene
Concen: 0.113 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.1	19.6	29.4#
125	18.1	6.6	10.0#

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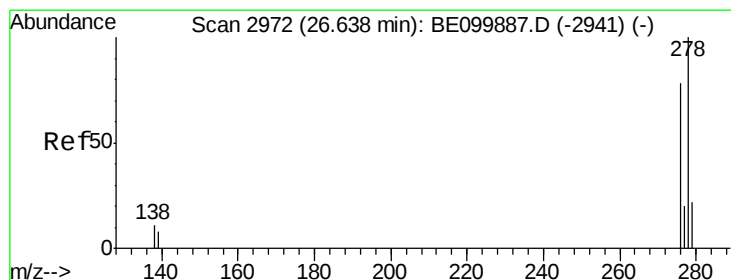
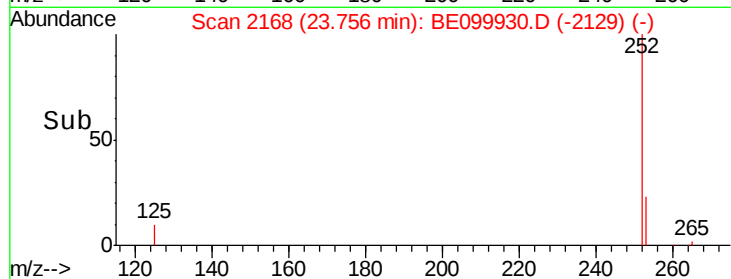
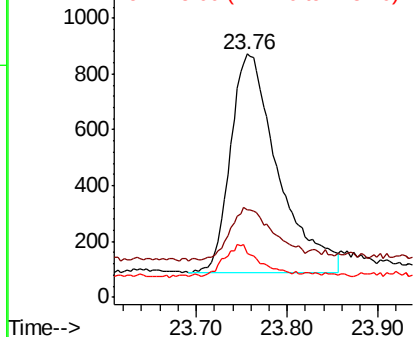


Abundance

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



#38
Dibenzo(a,h)anthracene
Concen: 0.099 ng m
RT: 26.55 min Scan# 2949
Delta R.T. -0.08 min
Lab File: BE099930.D
Acq: 11 Jun 2019 18:45

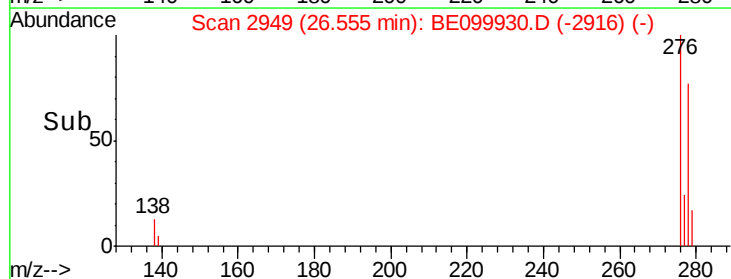
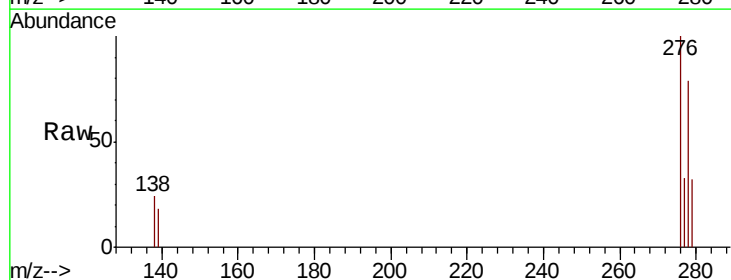
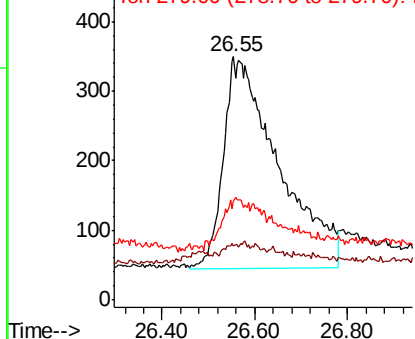
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	7.8	11.8#
279	40.6	20.0	30.0#

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





#39
 Benzo(a,h,i)perylene
 Concen: 0.113 ng
 RT: 27.34 min Scan# 3168
 Delta R.T. -0.10 min
 Lab File: BE099930.D
 Acq: 11 Jun 2019 18:45

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	276	Resp:	2933
Ion Ratio	Lower	Upper	
276	100		
277	29.3	19.5	29.3
138	19.2	9.5	14.3

Manual Integrations
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