

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099897.D
 Acq On : 10 Jun 2019 19:20
 Operator : JU/SJ
 Sample : K2241-03
 Misc : MDL-SOIL-0.12PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:39:15 AM

Quant Time: Jun 11 07:16:40 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	7.79	152	612	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2170	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1723	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5953	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7947	0.40	ng	0.00
34) Perylene-d12	23.93	264	9218	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	1471	0.89	ng	0.00
5) Phenol-d6	6.96	99	1821	0.86	ng	0.00
8) Nitrobenzene-d5	8.98	82	1258	0.61	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1527	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	929	0.73	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4511	0.69	ng	0.00
25) Fluoranthene-d10	19.25	212	32092	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	12748	0.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	138	0.152	ng	# 85
3) n-Nitrosodimethylamine	3.64	42	76	0.146	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	230	0.132	ng	# 61
9) Naphthalene	10.67	128	2803	0.120	ng	# 91
10) Hexachlorobutadiene	10.93	225	225	0.126	ng	# 98
12) 2-Methylnaphthalene	12.29	142	450	0.118	ng	# 94
16) Acenaphthylene	14.20	152	975	0.114	ng	# 96
17) Acenaphthene	14.54	154	523	0.112	ng	# 99
18) Fluorene	15.53	166	839	0.120	ng	# 96
20) 4-Bromophenyl-phenylether	16.42	248	388	0.115	ng	# 90
21) Hexachlorobenzene	16.52	284	420	0.122	ng	# 96
22) Pentachlorophenol	16.99	266	22m	0.313	ng	
23) Phenanthrene	17.27	178	1549	0.107	ng	# 100
24) Anthracene	17.36	178	1223	0.092	ng	# 98
26) Fluoranthene	19.28	202	2783	0.113	ng	# 99
28) Pyrene	19.65	202	2787	0.133	ng	# 100
30) Benzo(a)anthracene	21.39	228	2620	0.110	ng	# 95
31) Chrysene	21.44	228	3143	0.128	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.29	149	3954	0.116	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.63	276	3541	0.122	ng	# 98
35) Benzo(b)fluoranthene	23.15	252	2785	0.108	ng	# 86
36) Benzo(k)fluoranthene	23.20	252	3275	0.121	ng	# 90
37) Benzo(a)pyrene	23.82	252	3066	0.120	ng	# 83
38) Dibenzo(a,h)anthracene	26.66	278	2725	0.106	ng	# 79
39) Benzo(g,h,i)perylene	27.44	276	3129	0.118	ng	# 87

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

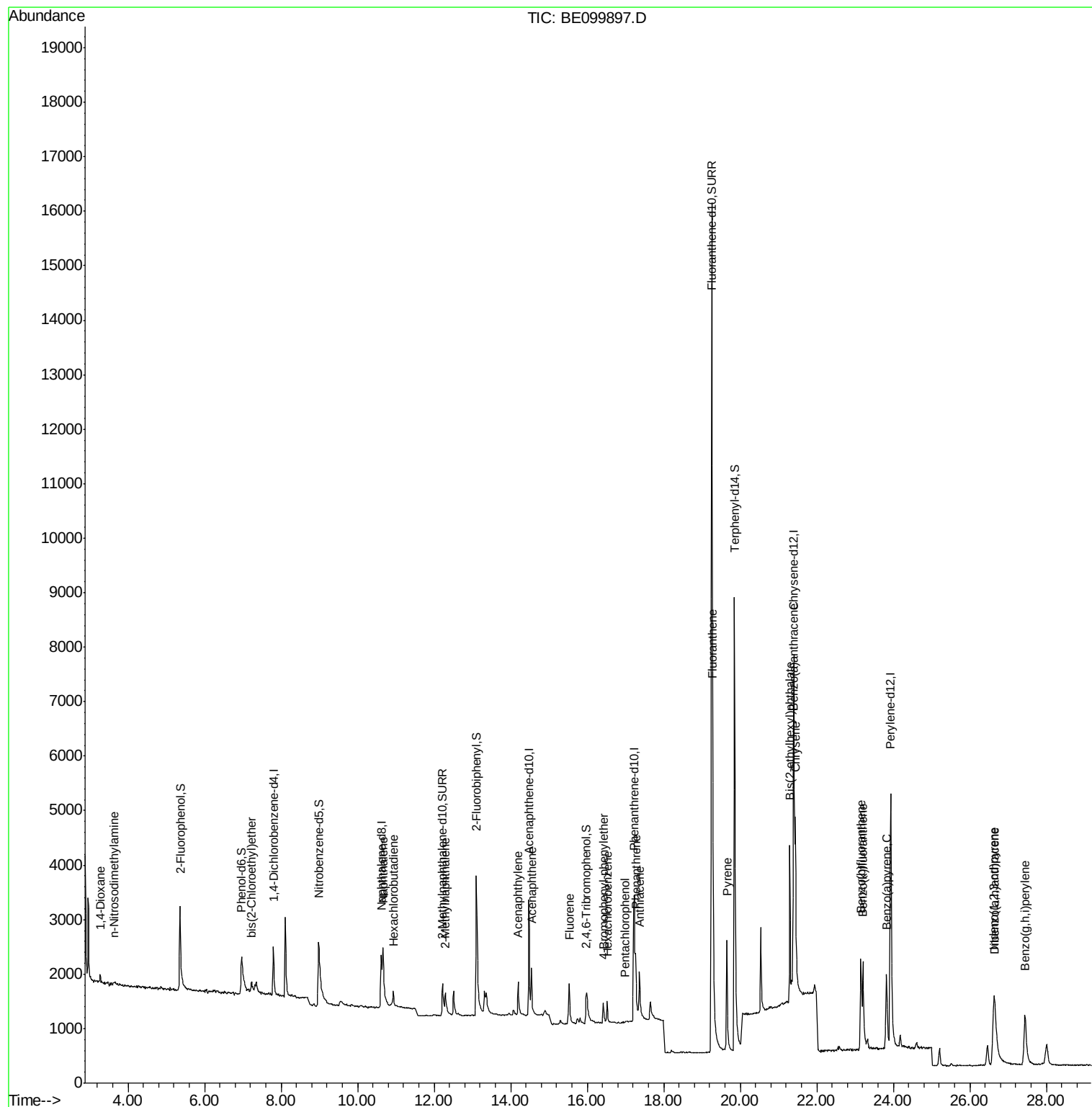
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099897.D
Acq On : 10 Jun 2019 19:20
Operator : JU/SJ
Sample : K2241-03
Misc : MDL-SOIL-0.12PPM
ALS Vial : 5 Sample Multiplier: 1

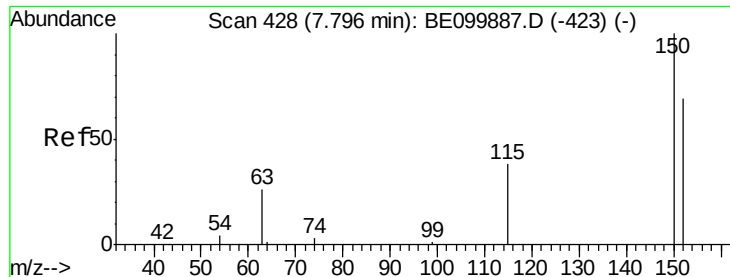
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

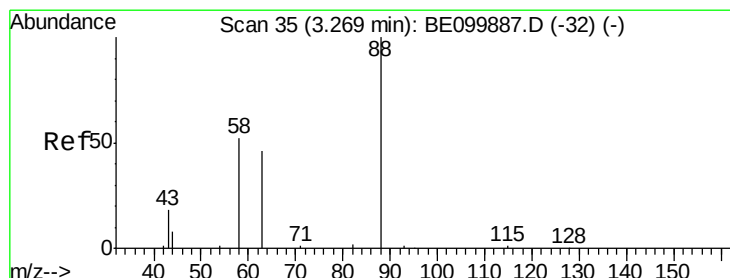
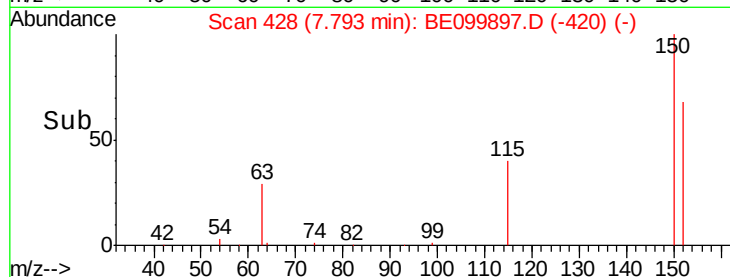
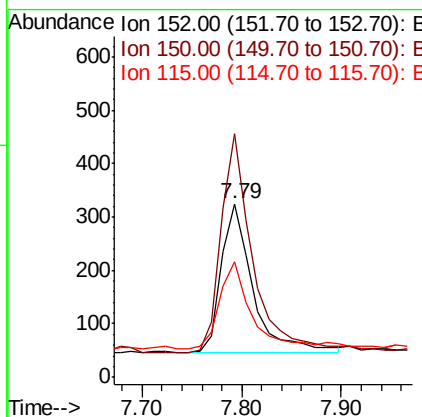
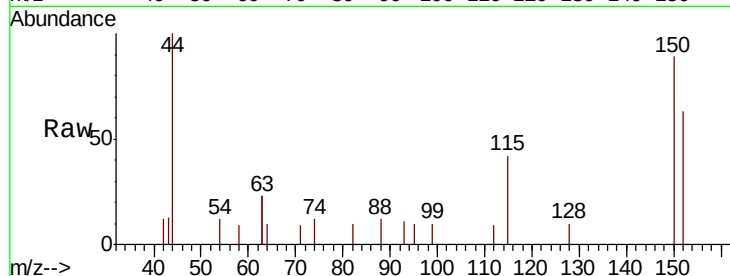
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	111.0	166.6
115	67.0	50.7	76.1

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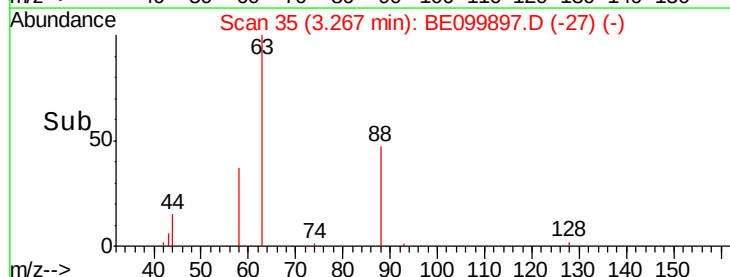
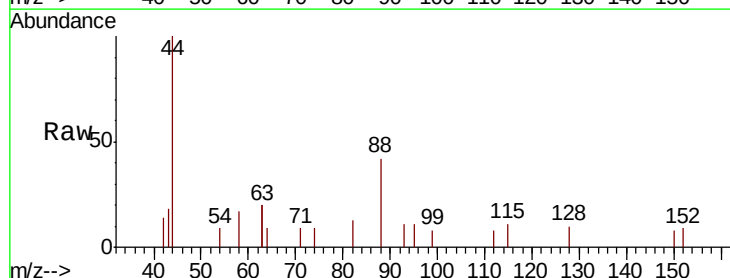
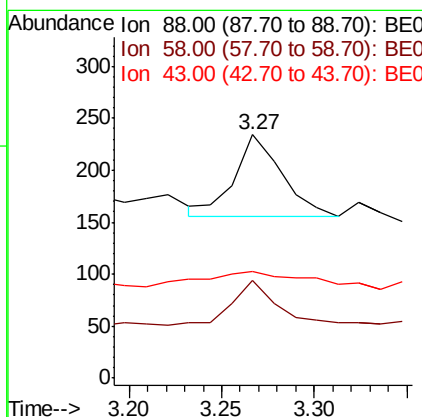
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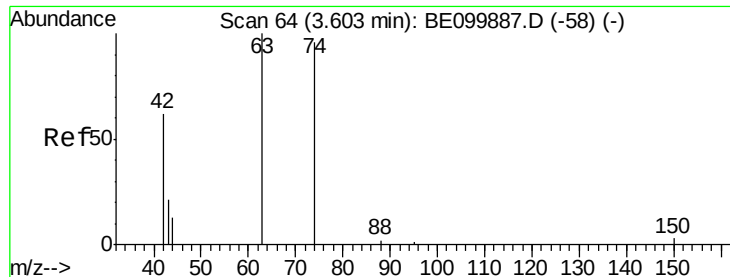


#2

1,4-Dioxane
Concen: 0.152 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.6	48.8	73.2
43	38.4	19.0	28.6





#3

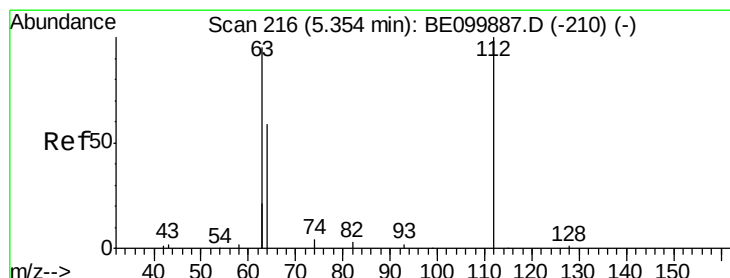
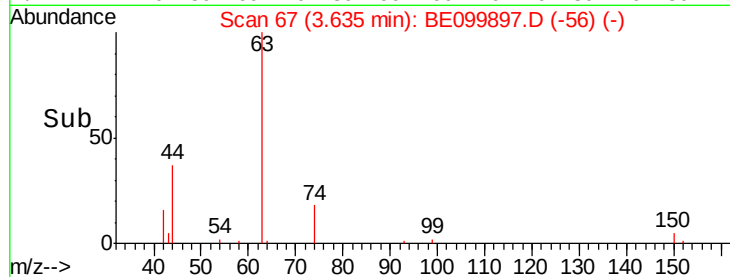
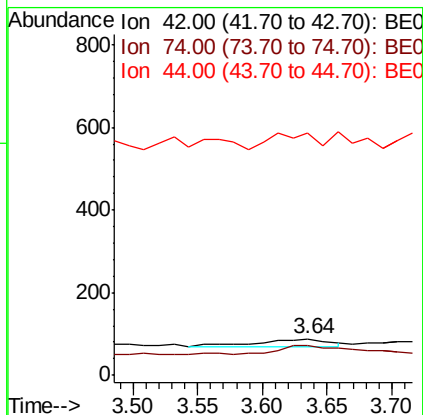
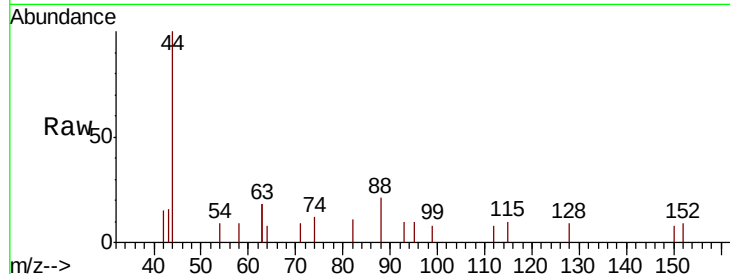
n-Nitrosodimethylamine
 Concen: 0.146 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.03 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

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

Tot Ion:	42	Resp:	76
Ion	Ratio	Lower	Upper
42	100		
74	72.4	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
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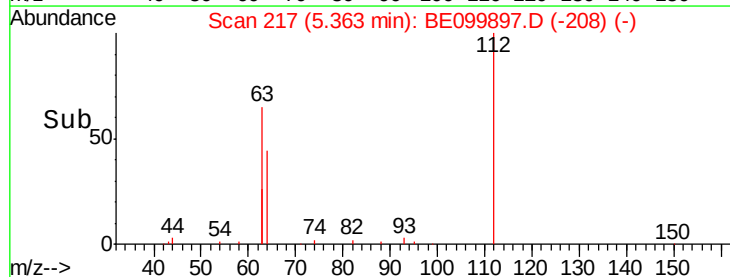
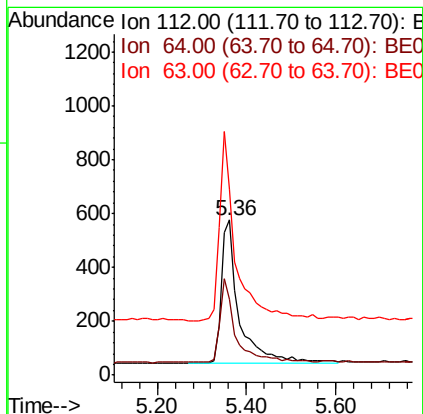
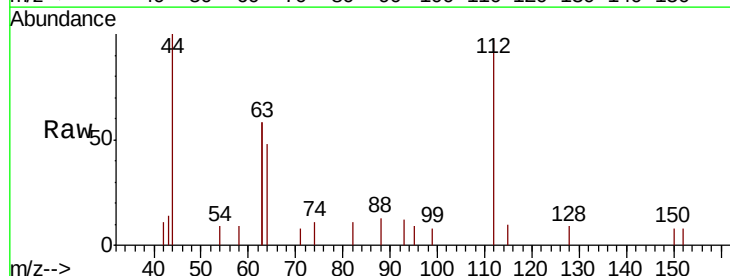
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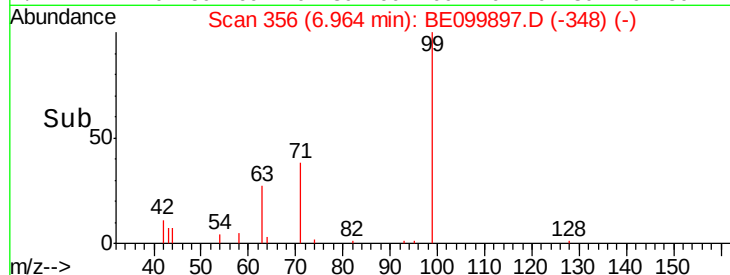
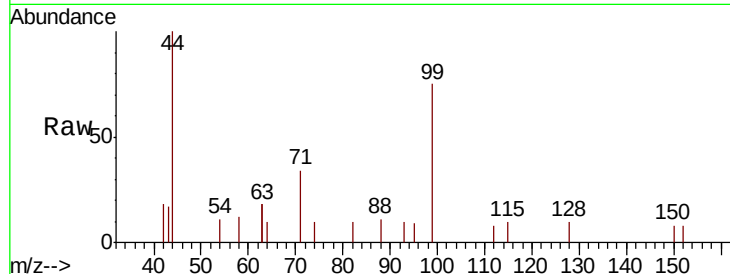
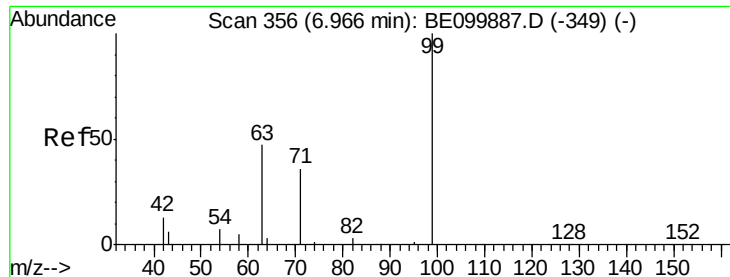


#4

2-Fluorophenol
 Concen: 0.890 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

Tgt Ion:	112	Resp:	1471
Ion	Ratio	Lower	Upper
112	100		
64	51.8	44.1	66.1
63	124.0	87.8	131.6





#5

Phenol-d6

Concen: 0.856 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Tot Ion:	99	Resp:	1821
Ion Ratio	Lower	Upper	
99	100		
42	13.1	15.9	23.9#
71	36.2	34.6	52.0

Instrument :

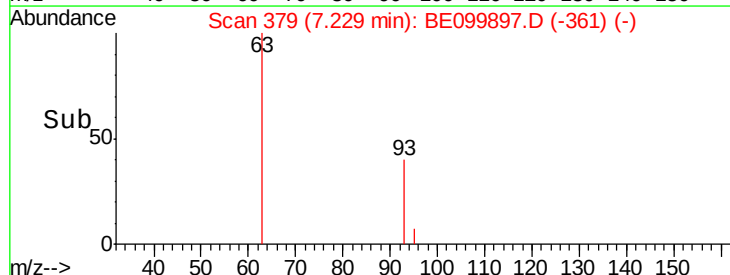
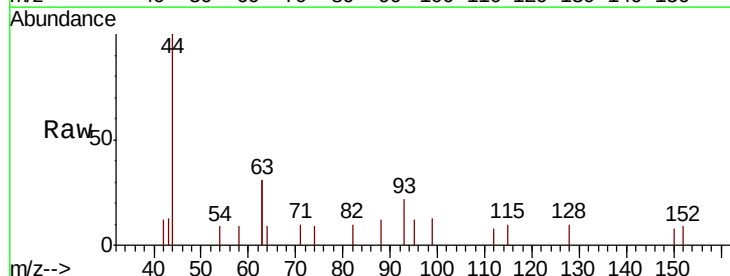
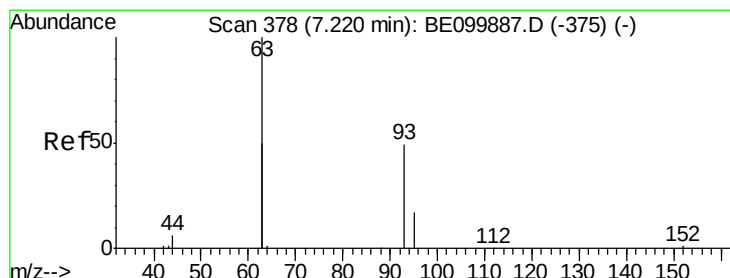
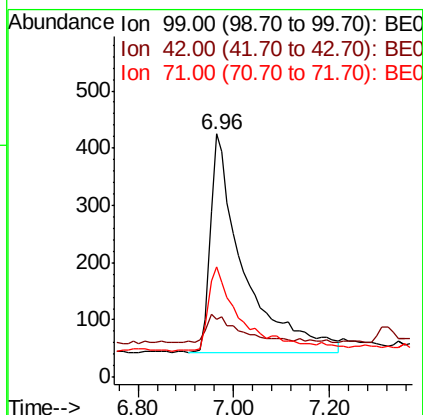
BNA_E

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

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#6

bis(2-Chloroethyl)ether

Concen: 0.132 ng

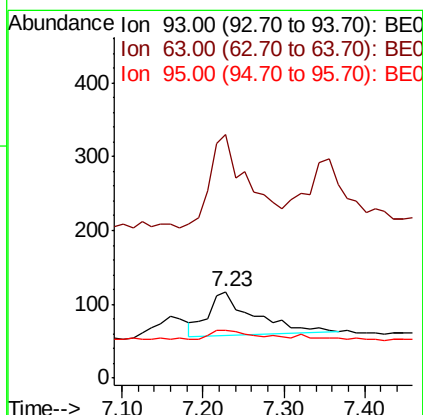
RT: 7.23 min Scan# 379

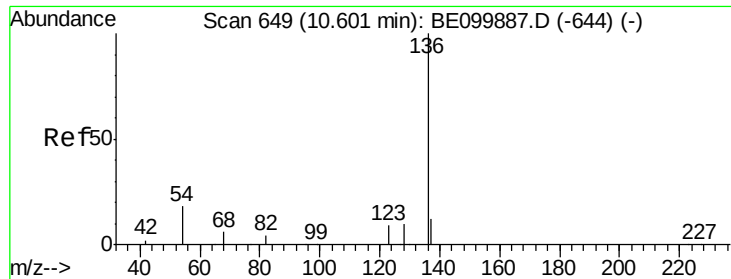
Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Tgt Ion:	93	Resp:	230
Ion Ratio	Lower	Upper	
93	100		
63	181.3	202.8	304.2#
95	17.8	23.7	35.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Instrument :

BNA_E

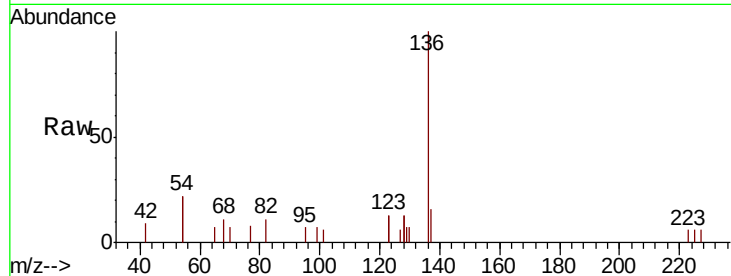
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

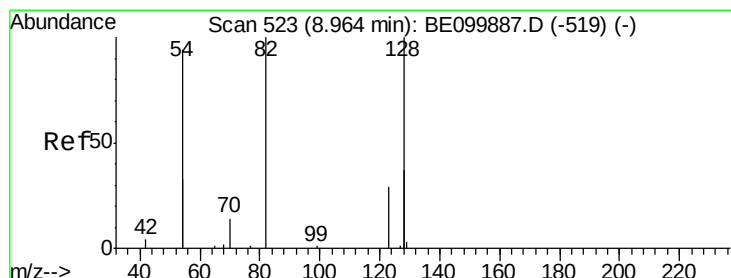
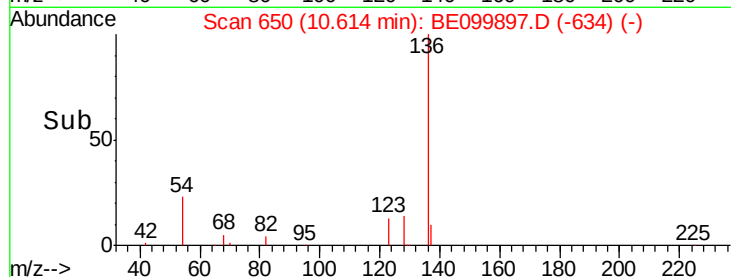
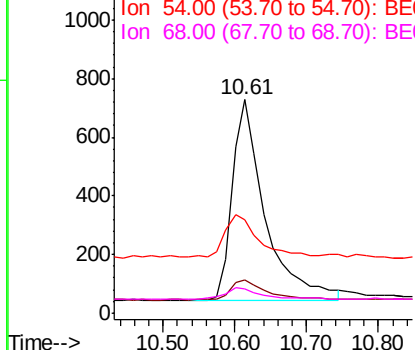
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.7	12.3	18.5
54	44.0	28.2	42.4
68	11.4	7.8	11.8

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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: 0.612 ng

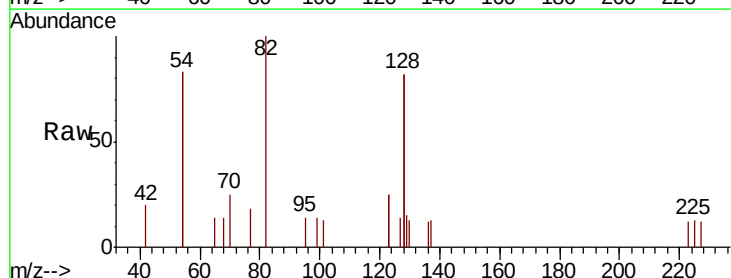
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

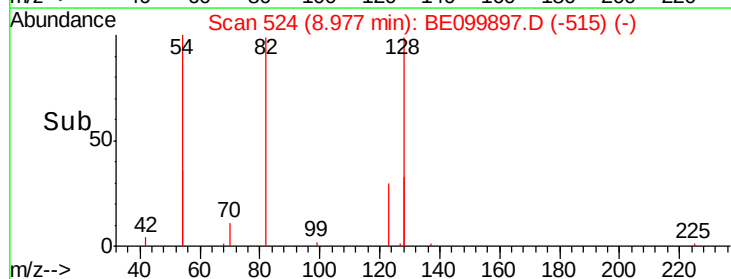
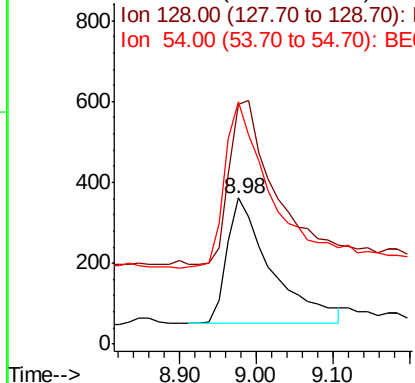
Lab File: BE099897.D

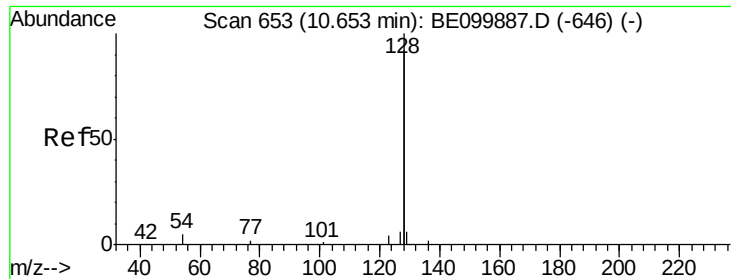
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	164.0	137.3	205.9
54	166.2	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: 0.120 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Instrument :

BNA_E

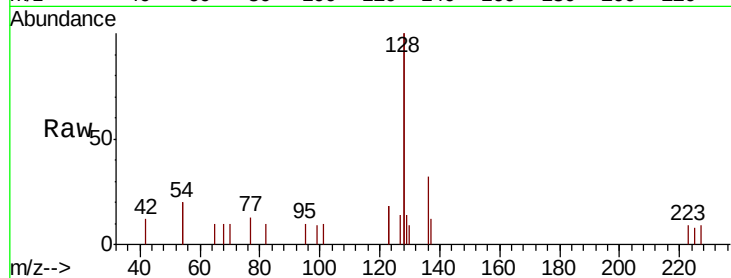
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

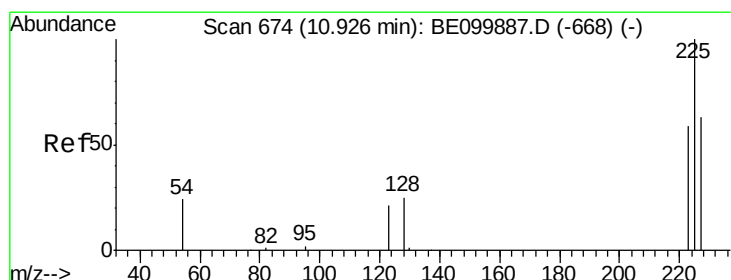
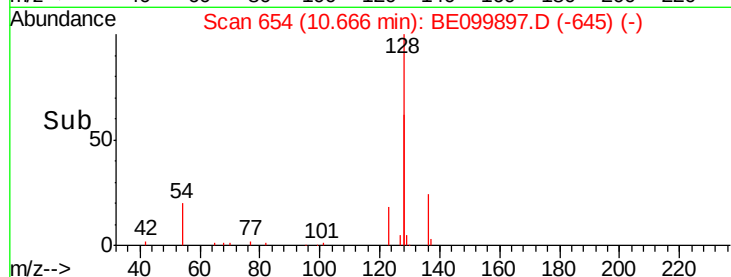
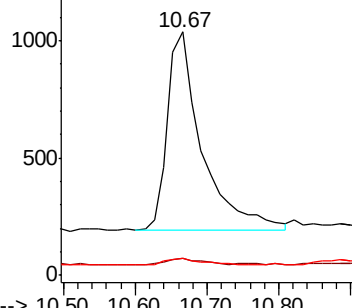
Tot Ion	Ratio	Lower	Upper
128	100		
129	6.9	3.0	4.6#
127	6.9	3.4	5.0#

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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



#10

Hexachlorobutadiene

Concen: 0.126 ng

RT: 10.93 min Scan# 674

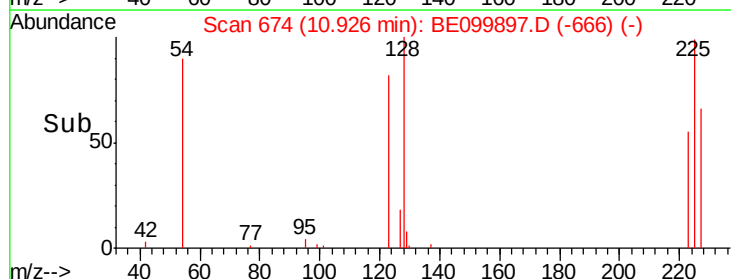
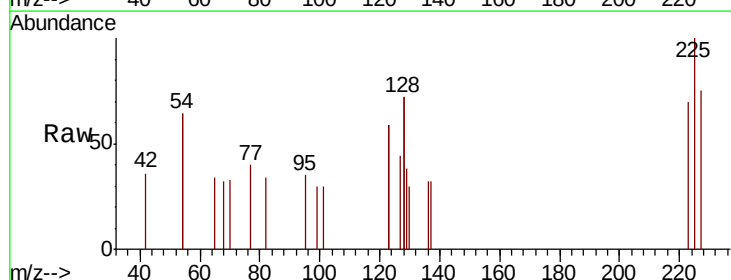
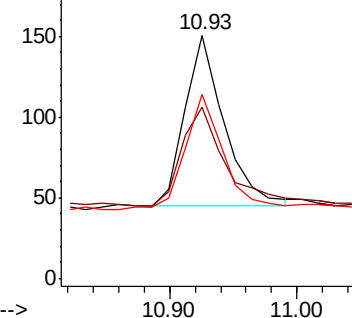
Delta R.T. -0.00 min

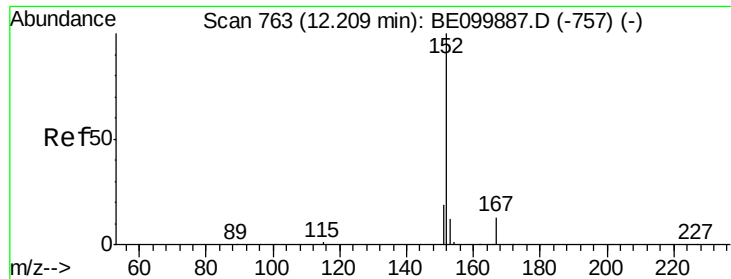
Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.6	77.4
227	65.3	50.6	76.0

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





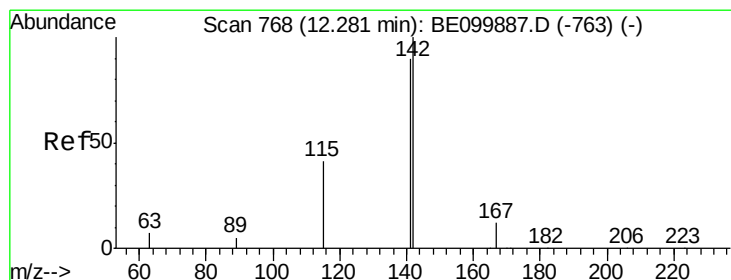
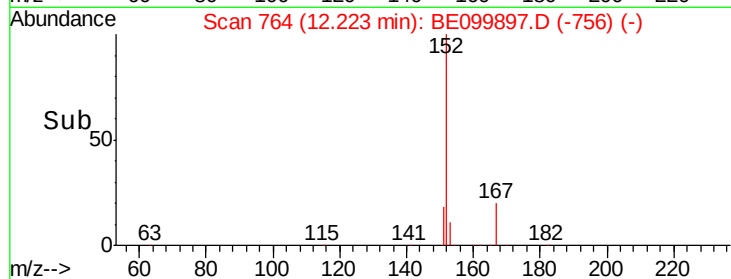
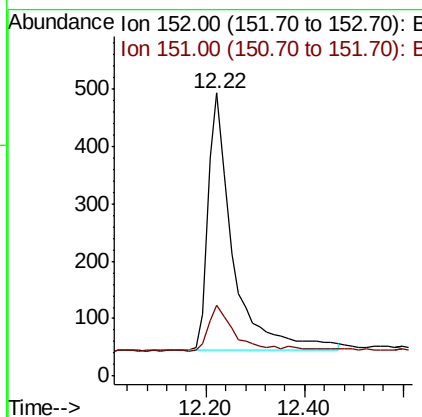
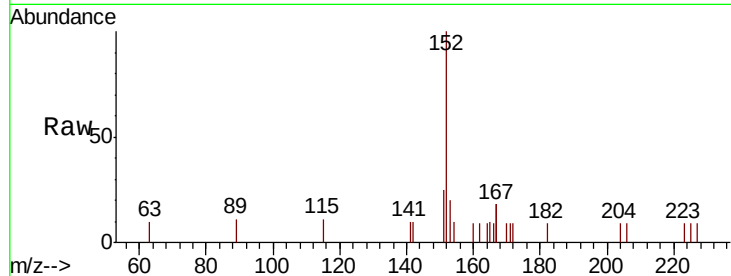
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.2	22.8

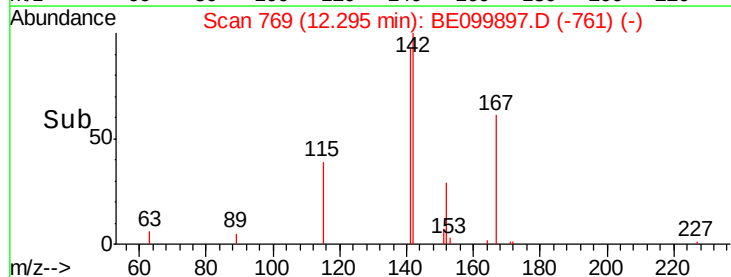
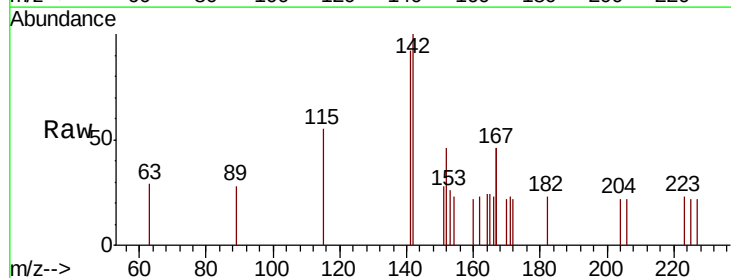
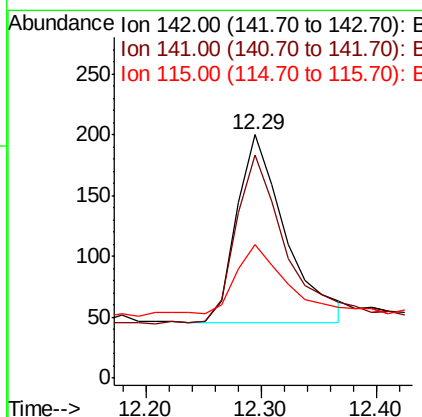
Manual Integrations
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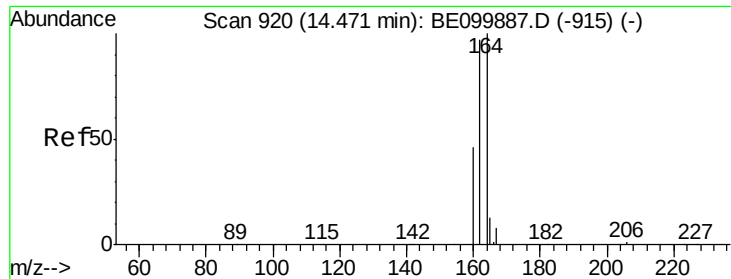
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#12
2-Methylnaphthalene
Concen: 0.118 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.3	108.5
115	55.0	36.4	54.6





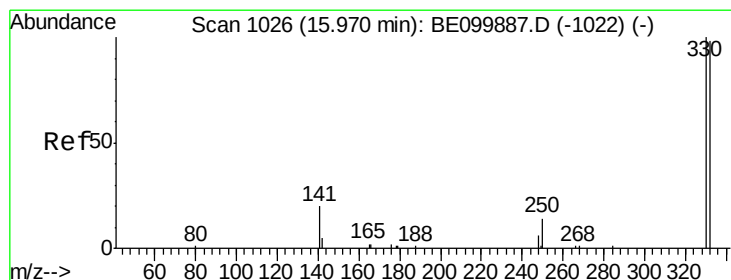
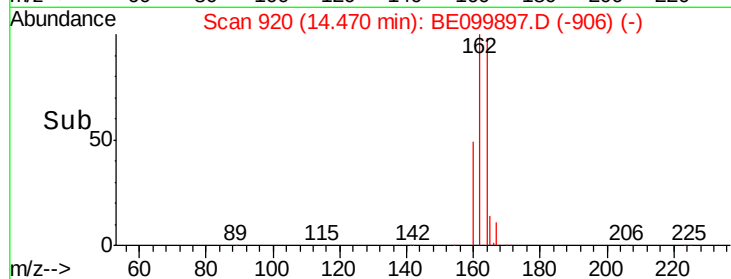
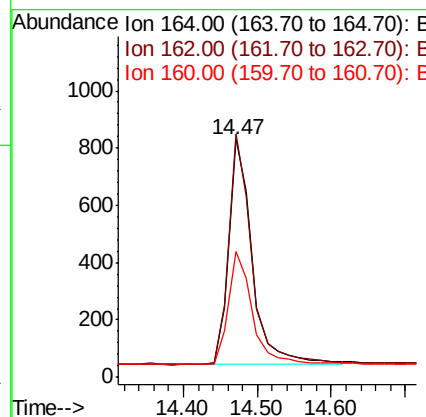
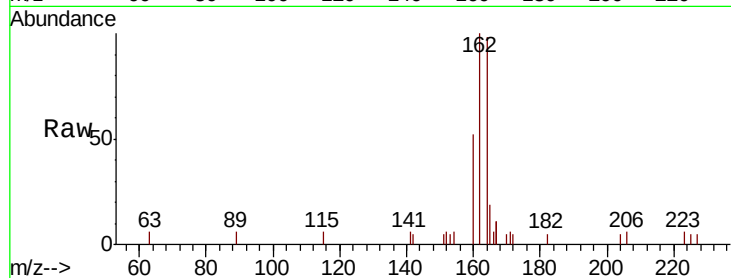
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	77.8	116.8
160	53.0	38.2	57.4

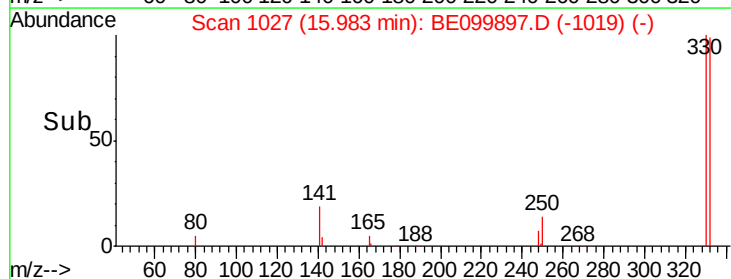
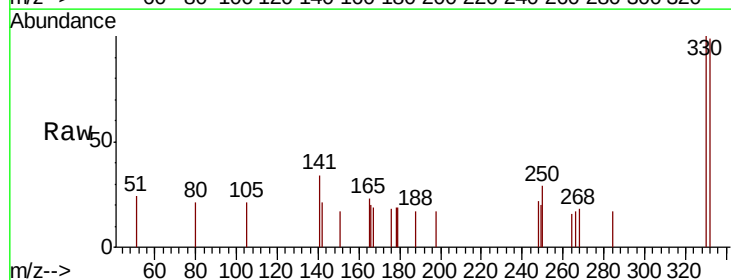
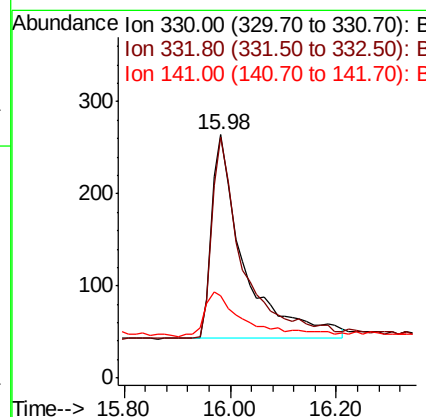
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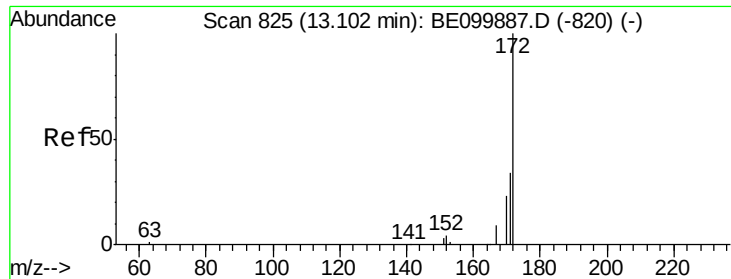
mohammad
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#14
 2,4,6-Tribromophenol
 Concen: 0.730 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	27.3	21.0	31.6





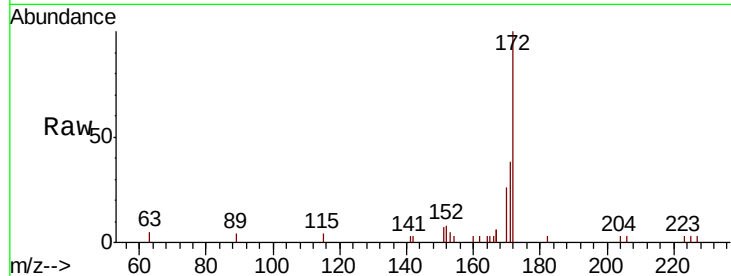
#15
2-Fluorobiphenyl
Concen: 0.691 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.2	43.8
170	25.7	21.2	31.8

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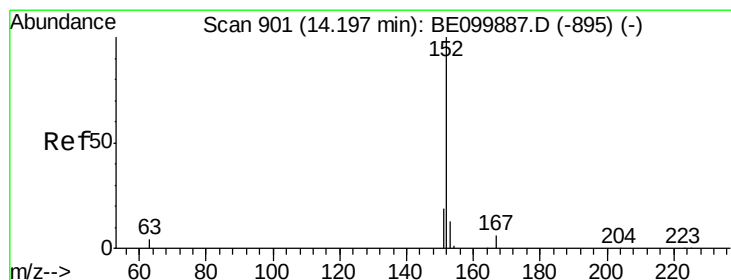
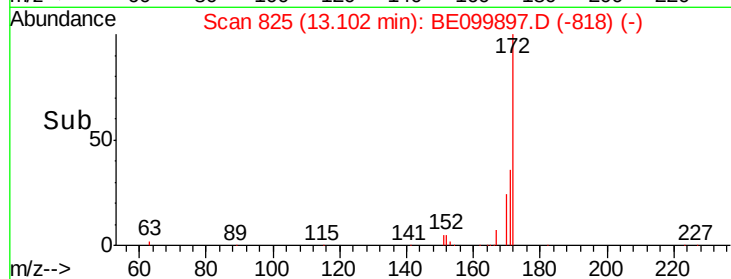
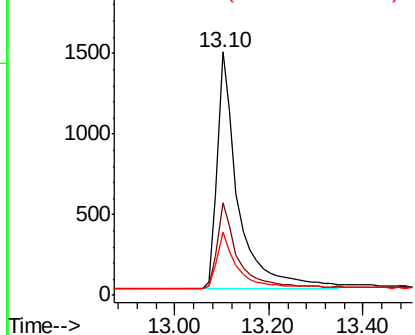


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.114 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

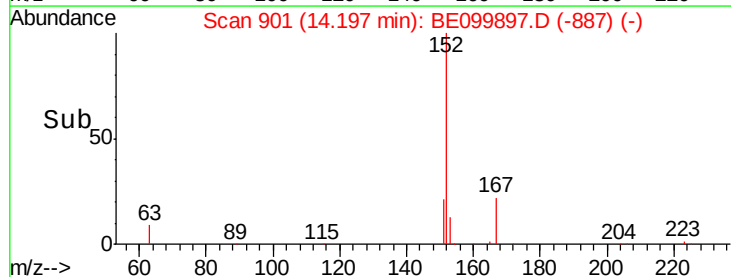
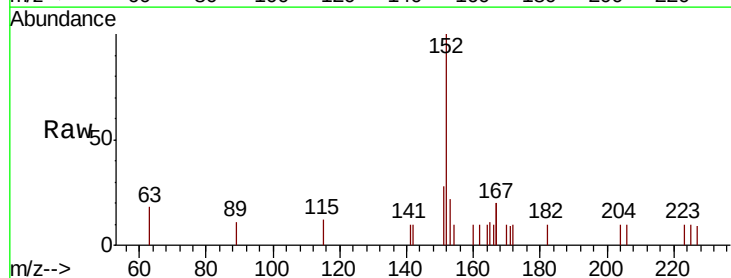
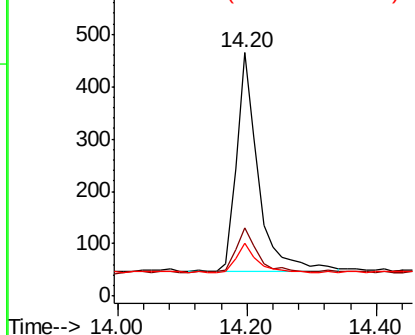
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	14.2	10.2	15.2

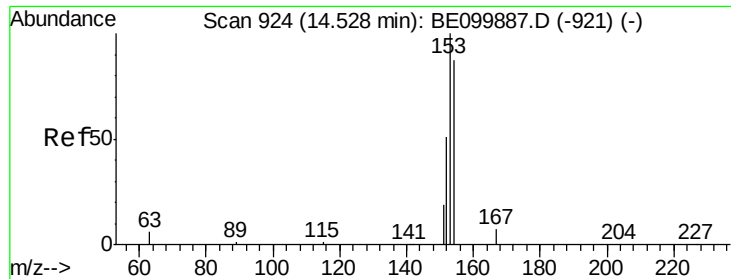
Abundance

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





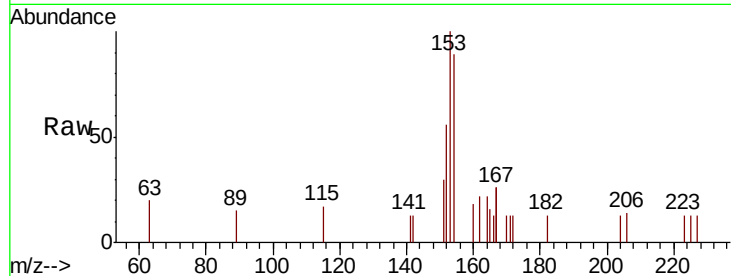
#17
Acenaphthene
Concen: 0.112 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	93.1	139.7
152	61.4	47.0	70.4

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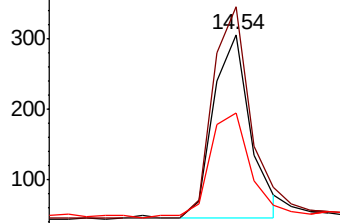


Abundance

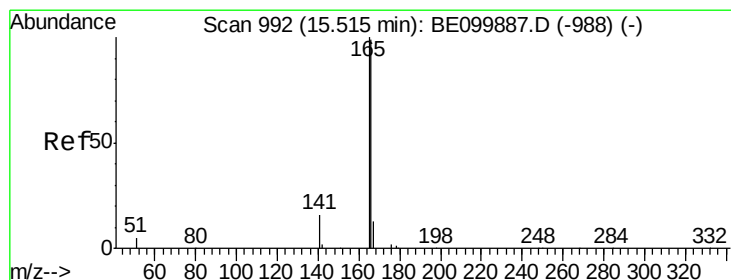
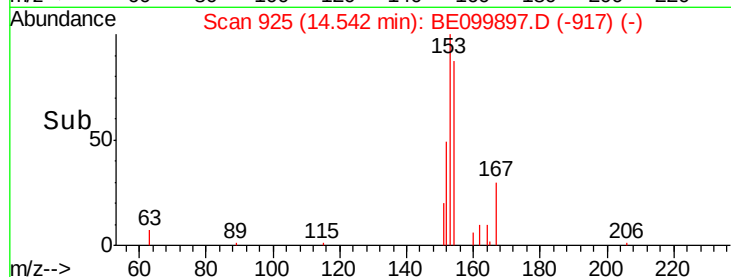
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

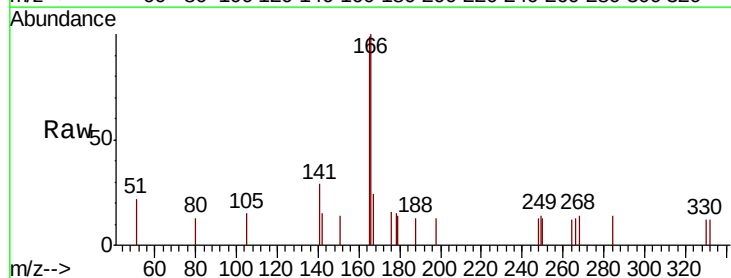


Time--> 14.40 14.50 14.60



#18
Fluorene
Concen: 0.120 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	81.8	122.8
167	14.3	11.2	16.8

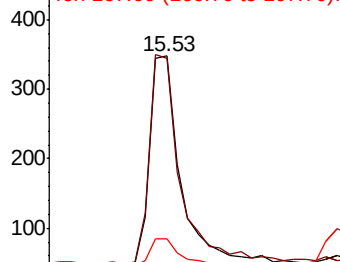


Abundance

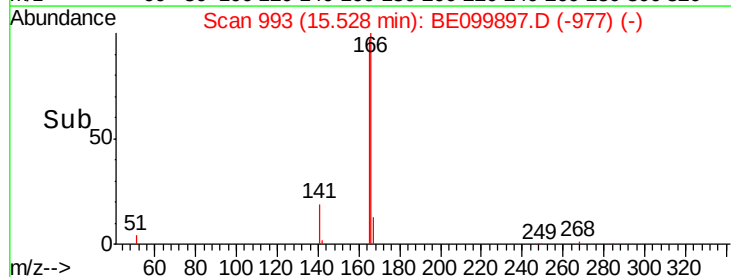
Ion 166.00 (165.70 to 166.70): E

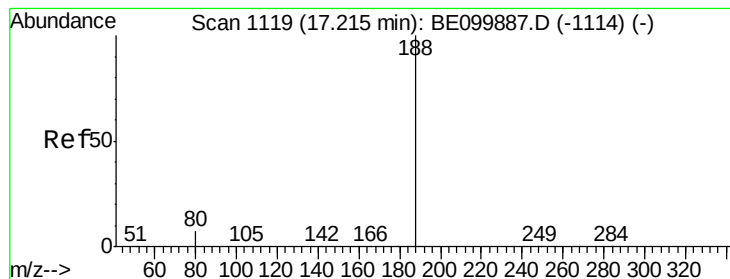
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.40 15.50 15.60 15.70





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Instrument :

BNA_E

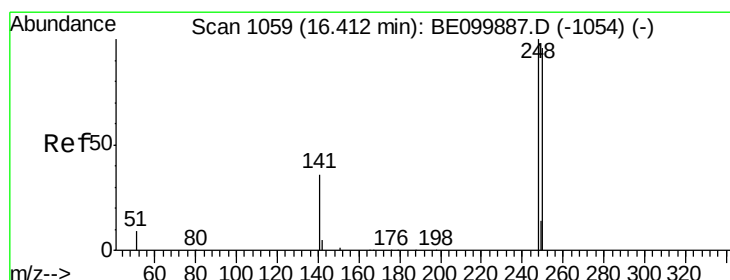
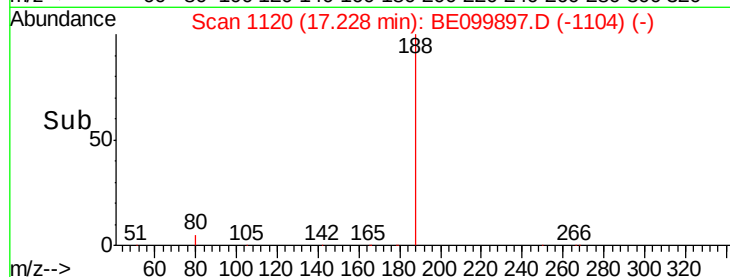
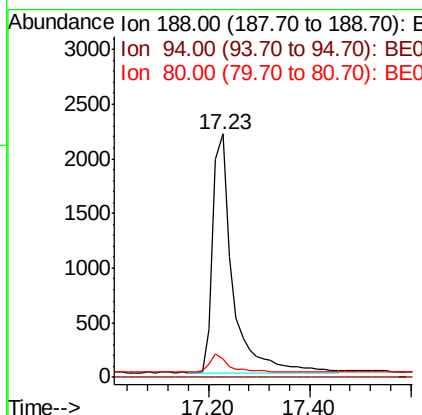
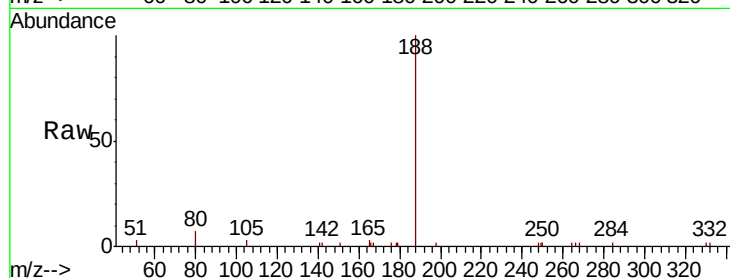
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	188	Resp:	5953
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.5	6.4	9.6

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#20

4-Bromophenyl-phenylether

Concen: 0.115 ng

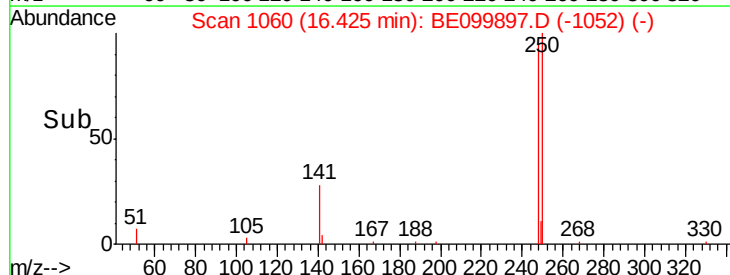
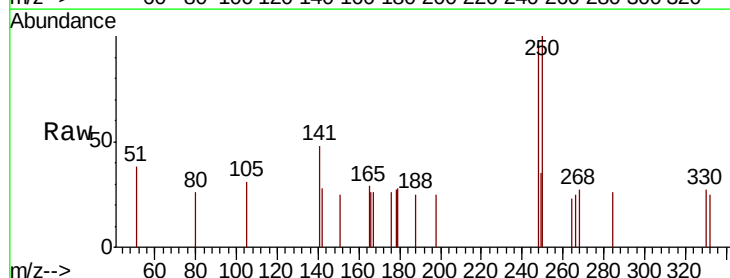
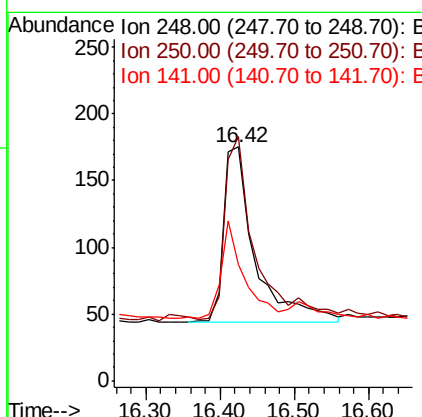
RT: 16.42 min Scan# 1060

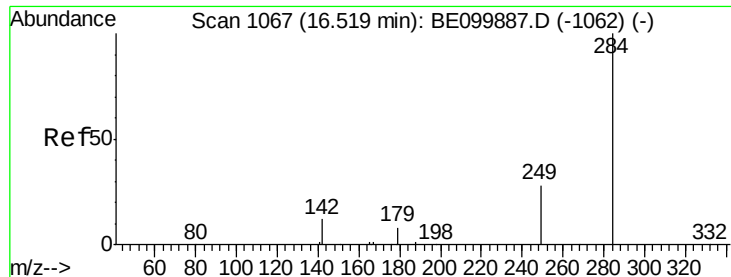
Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Tgt Ion:	248	Resp:	388
Ion Ratio	Lower	Upper	
248	100		
250	104.6	77.5	116.3
141	49.7	31.8	47.8#





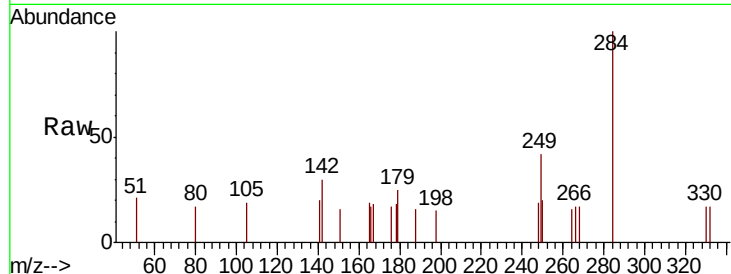
#21
Hexachlorobenzene
Concen: 0.122 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

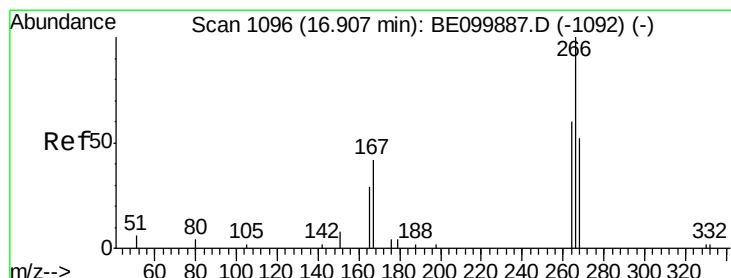
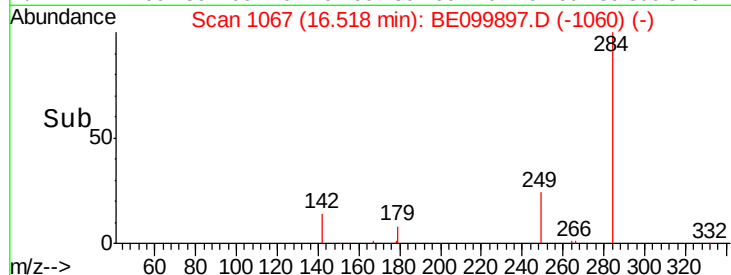
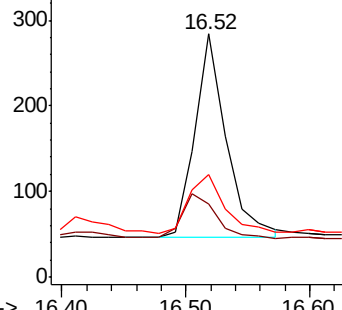
Tot Ion	Ratio	Lower	Upper
284	100		
142	24.5	18.2	27.4
249	33.1	24.6	37.0

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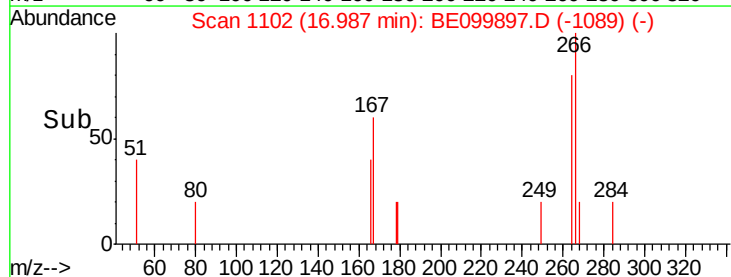
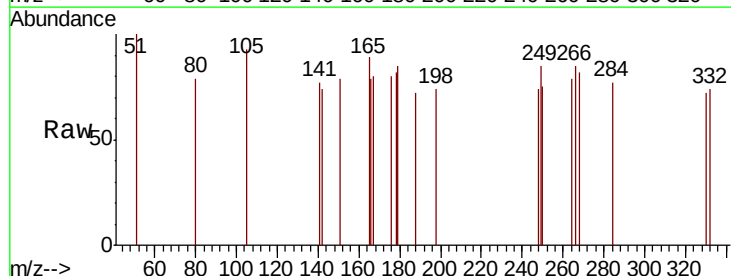
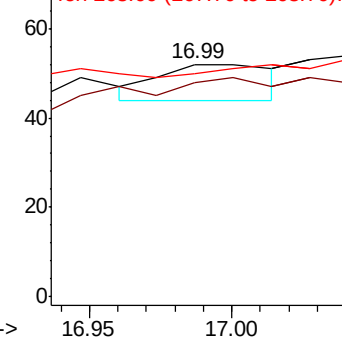
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

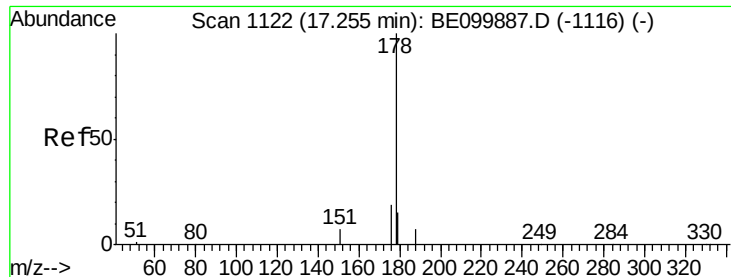


#22
Pentachlorophenol
Concen: 0.313 ng m
RT: 16.99 min Scan# 1102
Delta R.T. 0.08 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	92.3	62.2	93.2
268	96.2	65.5	98.3

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





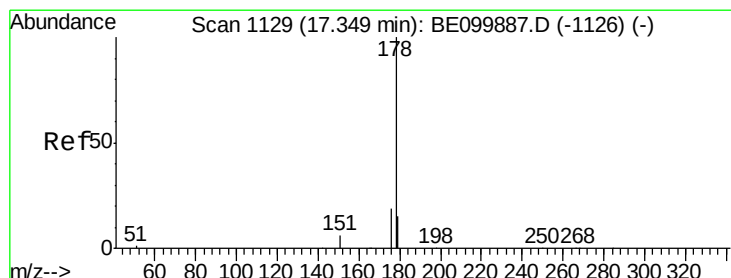
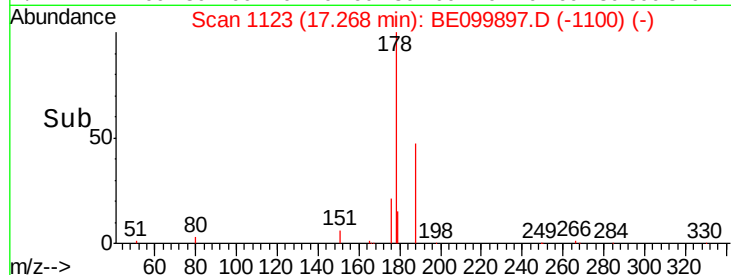
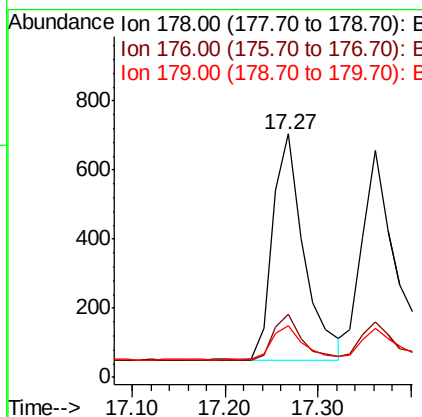
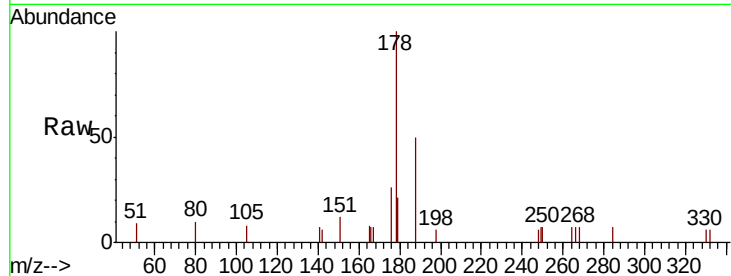
#23
Phenanthrene
Concen: 0.107 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.4	18.6

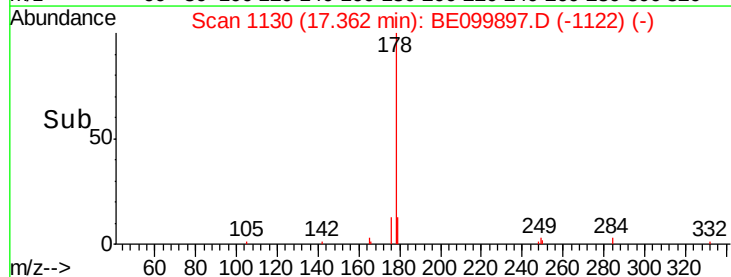
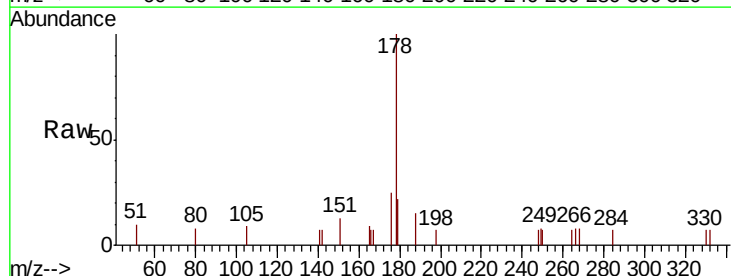
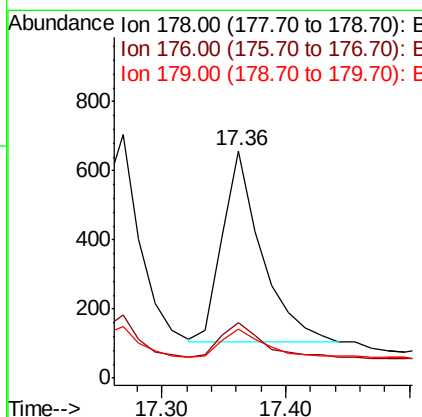
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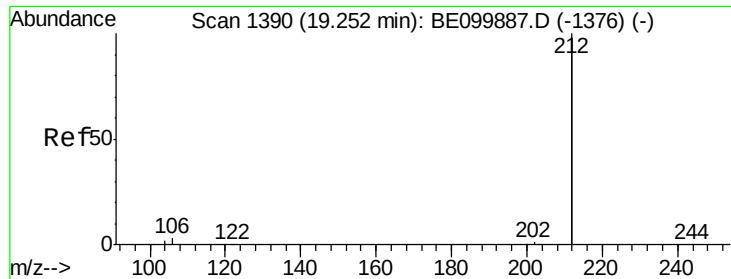
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#24
Anthracene
Concen: 0.092 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	14.9	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Instrument :

BNA_E

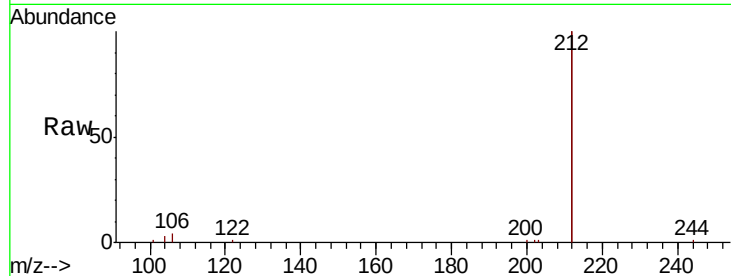
ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	212	Resp:	32092
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

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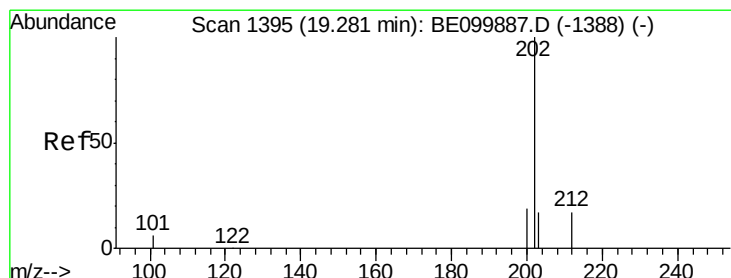
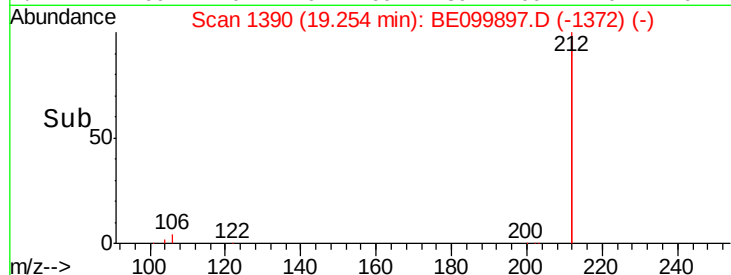
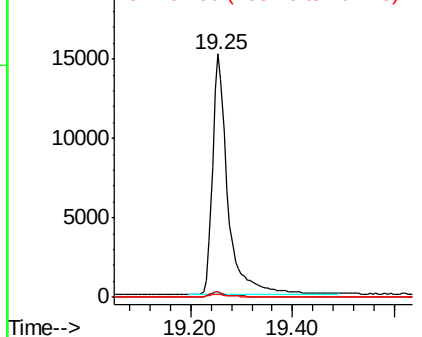


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.113 ng

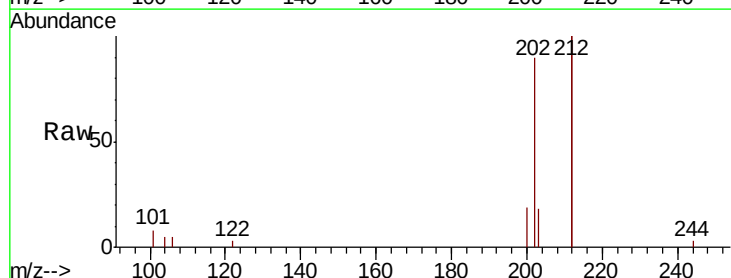
RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Tgt Ion:	202	Resp:	2783
Ion Ratio	Lower	Upper	
202	100		
101	6.2	5.4	8.0
203	17.0	13.2	19.8

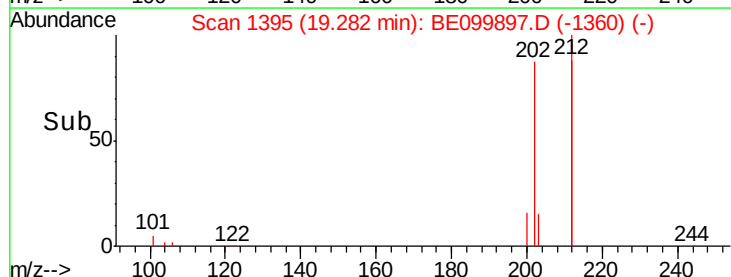
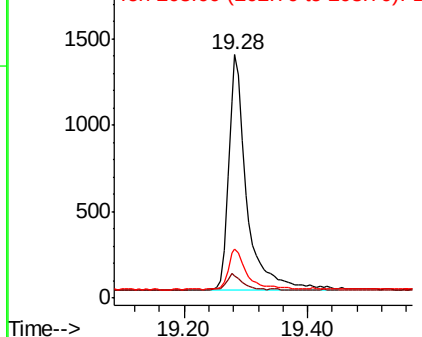


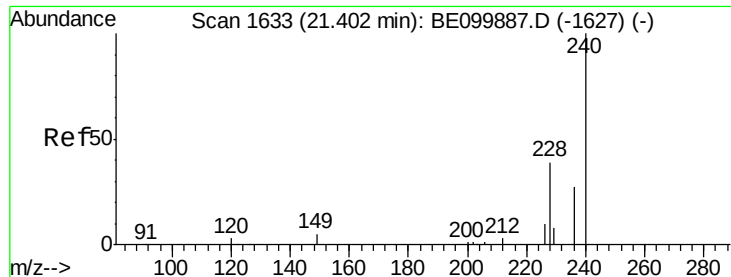
Abundance

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





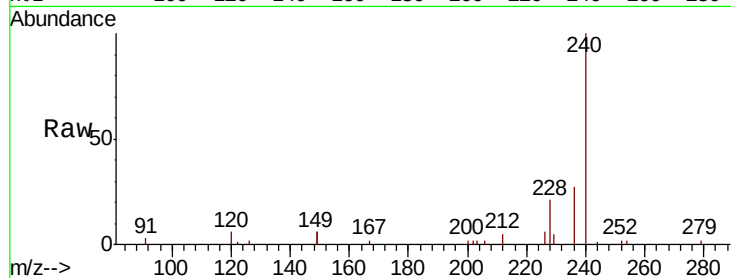
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	3.8	5.6#
236	26.5	22.0	33.0

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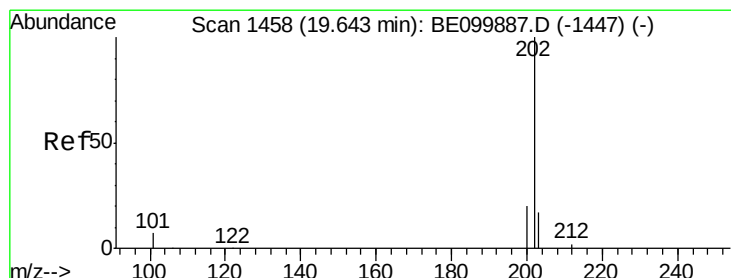
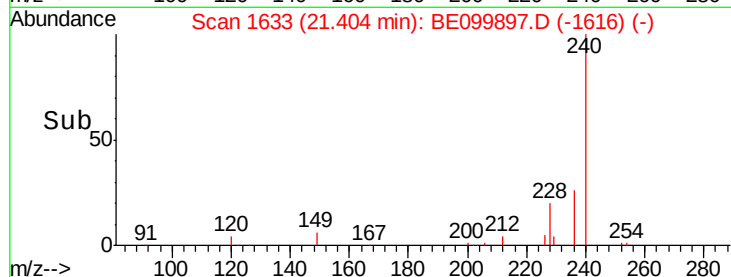
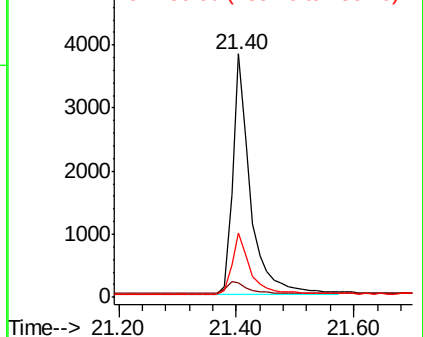


Abundance

Ion 240.00 (239.70 to 240.70): E

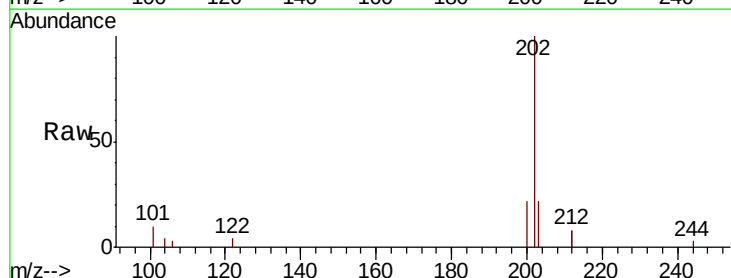
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.133 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.8	14.0	21.0

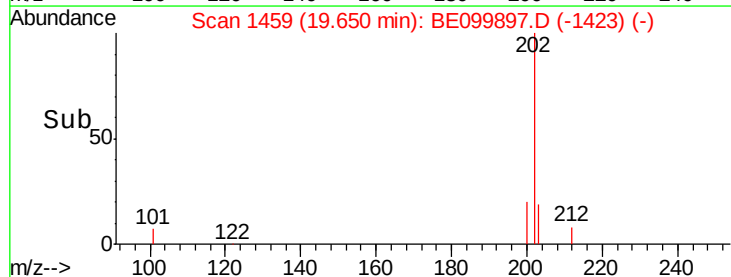
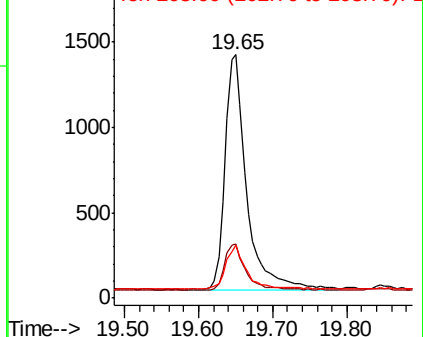


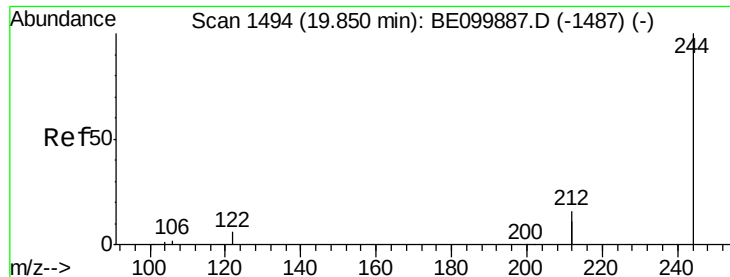
Abundance

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





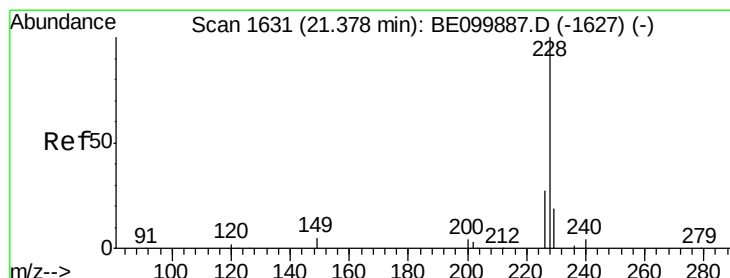
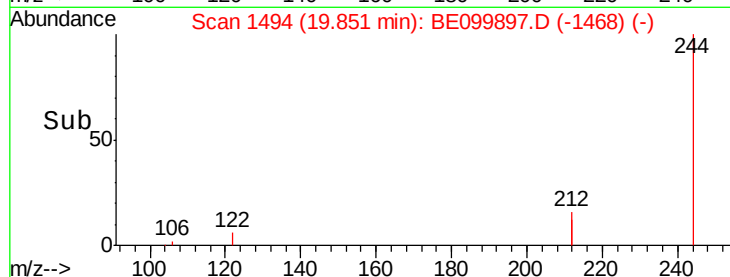
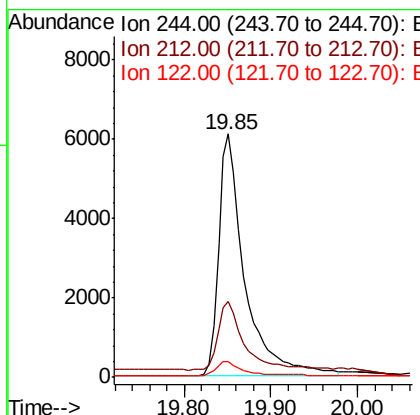
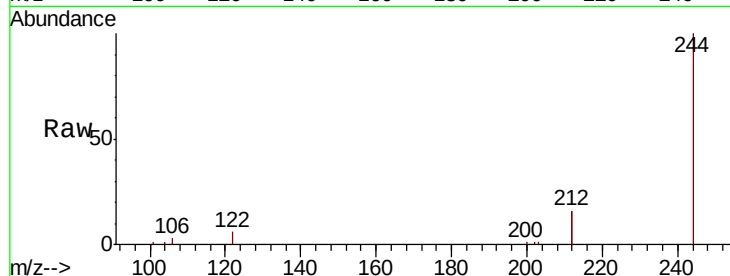
#29
 Terphenyl-d14
 Concen: 0.891 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.7	38.5
122	6.4	5.5	8.3

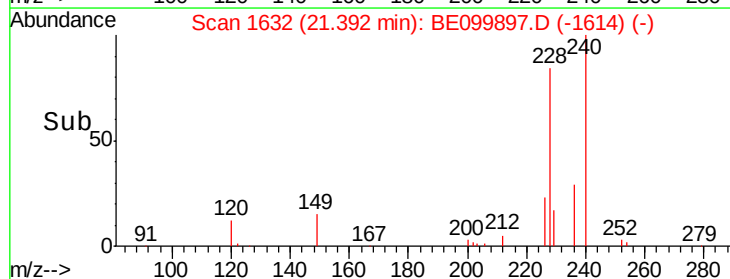
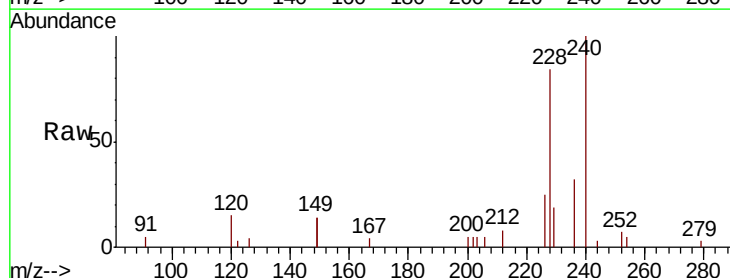
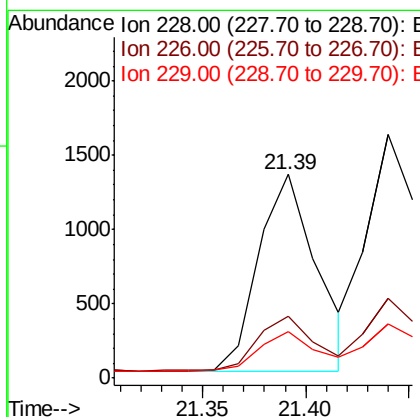
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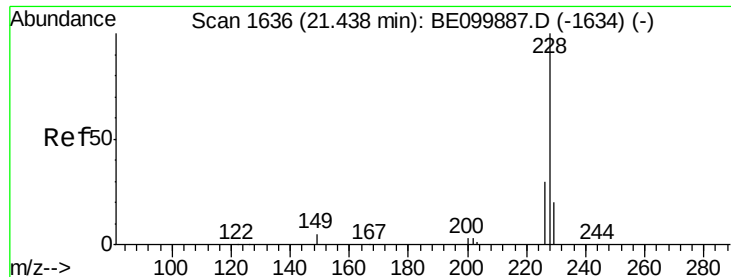
mohammad
 6/14/2019 8:39:15 AM



#30
 Benzo(a)anthracene
 Concen: 0.110 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.5	33.7
229	23.1	15.9	23.9





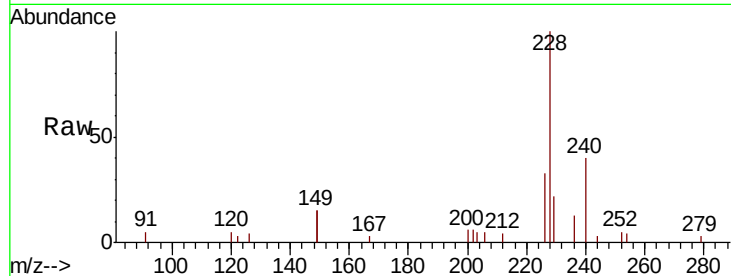
#31
Chrysene
Concen: 0.128 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.1	36.1
229	22.0	16.1	24.1

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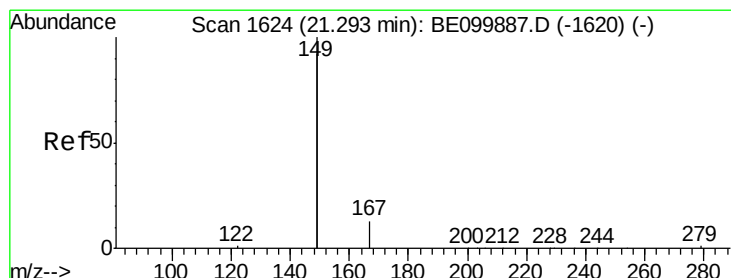
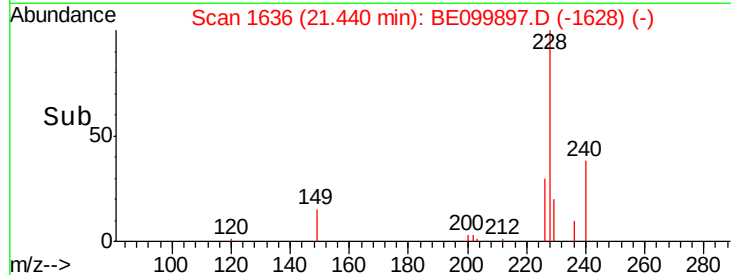
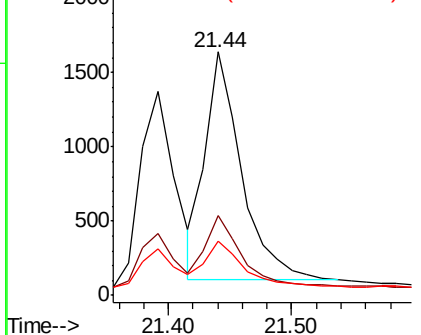


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

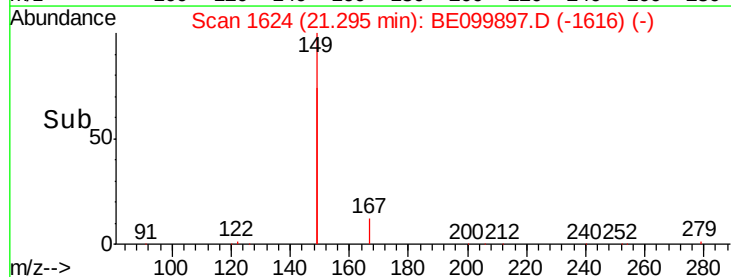
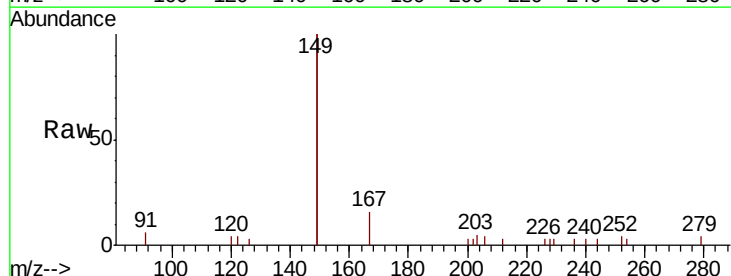
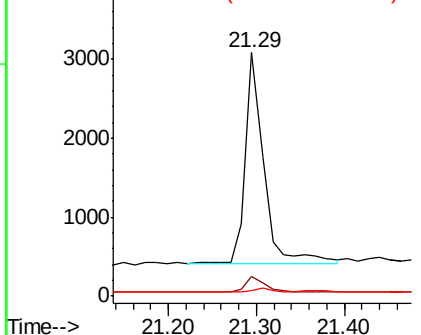
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.9	8.9
279	1.5	1.2	1.8

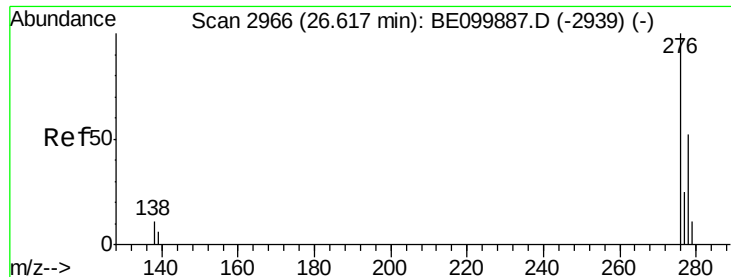
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





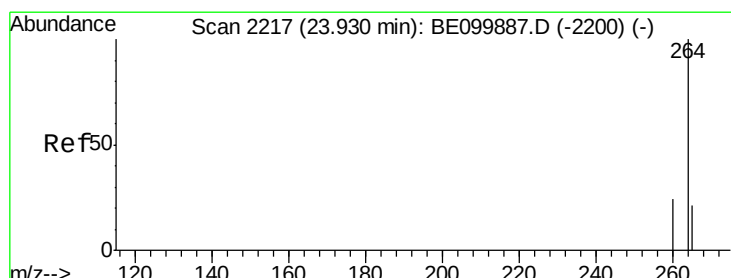
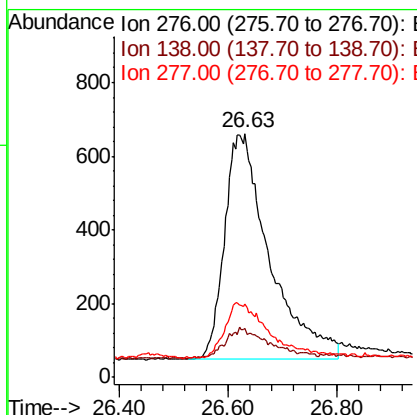
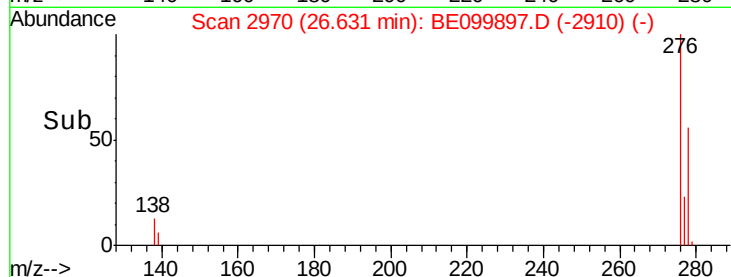
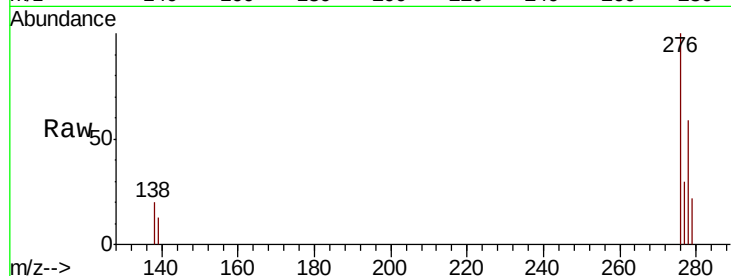
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.122 ng
 RT: 26.63 min Scan# 2970
 Delta R.T. 0.01 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

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

Tot Ion:	276	Resp:	3541
Ion Ratio	Lower	Upper	
276	100		
138	11.7	10.1	15.1
277	22.8	19.1	28.7

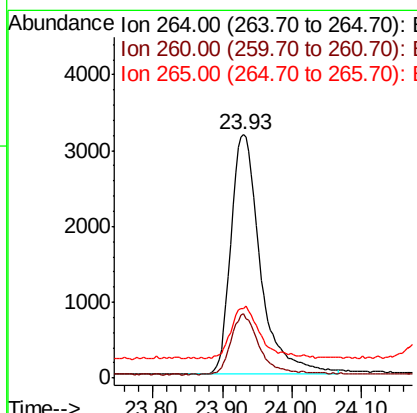
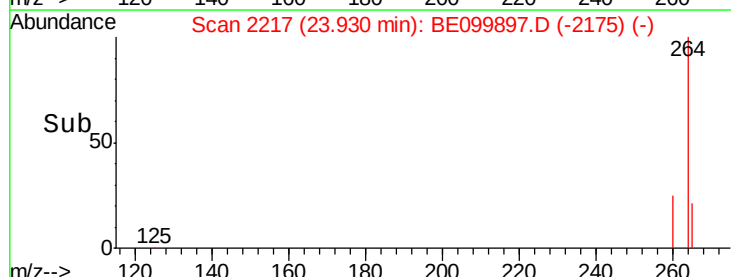
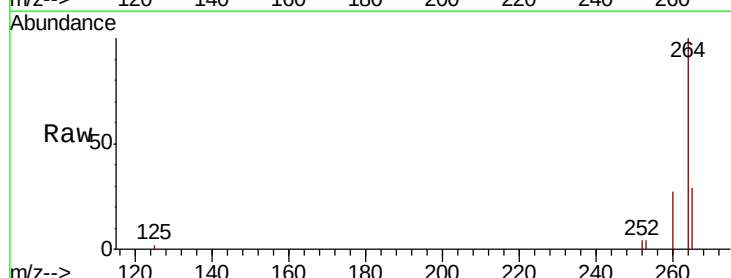
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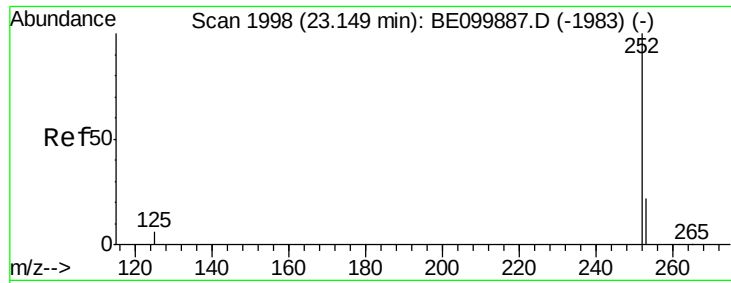
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BE099897.D
 Acq: 10 Jun 2019 19:20

Tgt Ion:	264	Resp:	9218
Ion Ratio	Lower	Upper	
264	100		
260	26.5	20.2	30.2
265	28.8	22.0	33.0





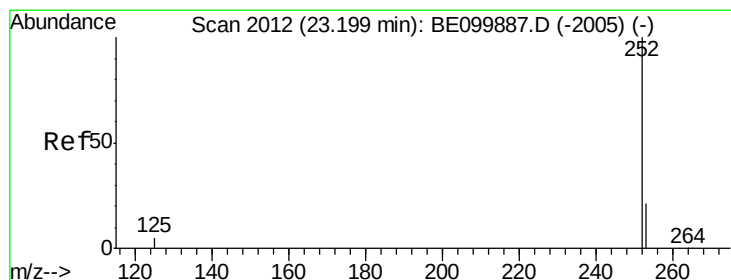
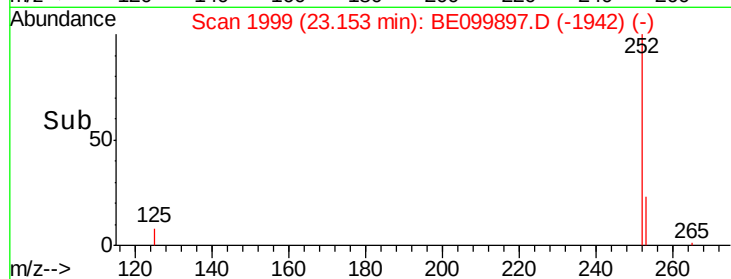
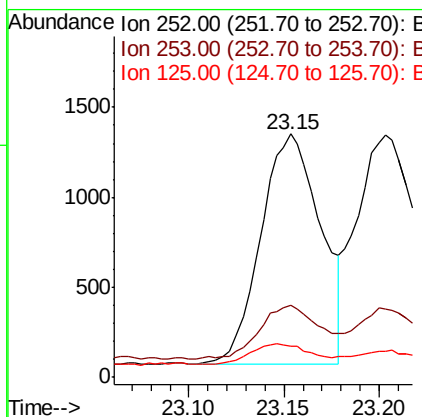
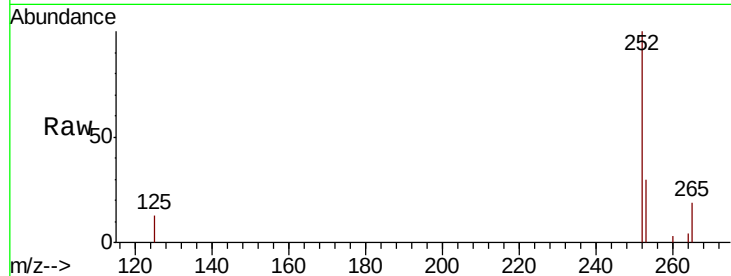
#35
Benzo(b)fluoranthene
Concen: 0.108 ng
RT: 23.15 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.7	28.1#
125	13.0	5.7	8.5#

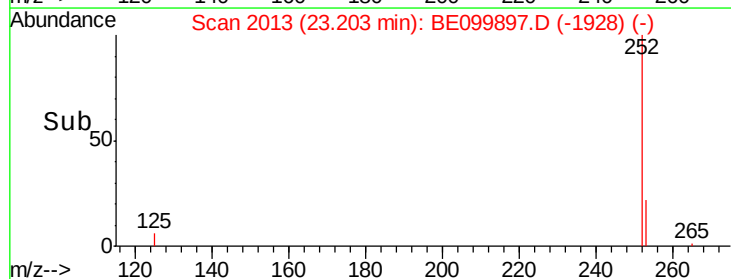
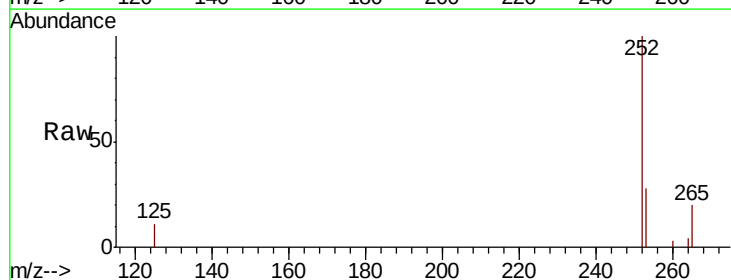
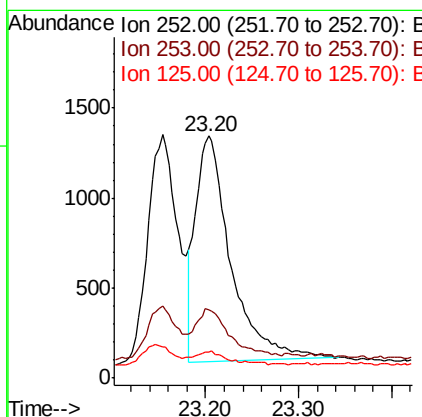
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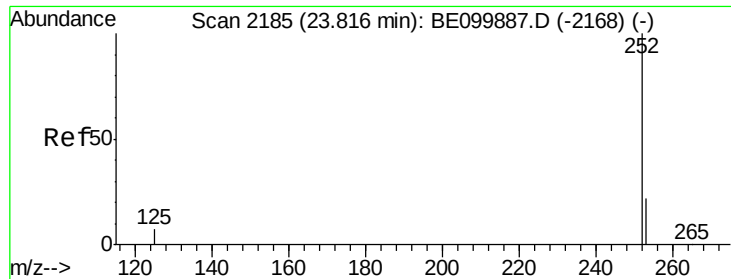
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.121 ng
RT: 23.20 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.6	28.0#
125	10.6	5.4	8.0#





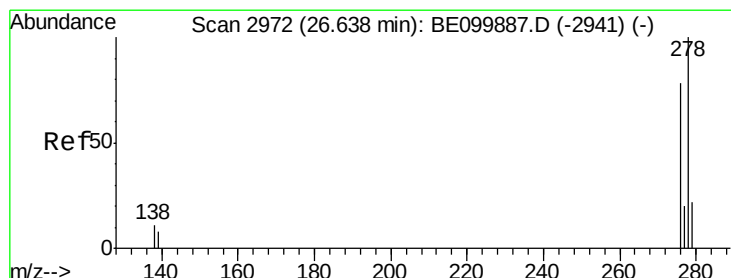
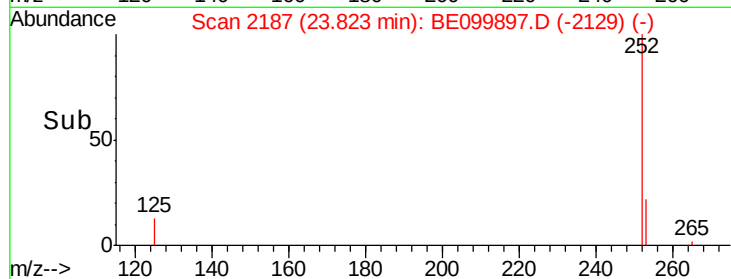
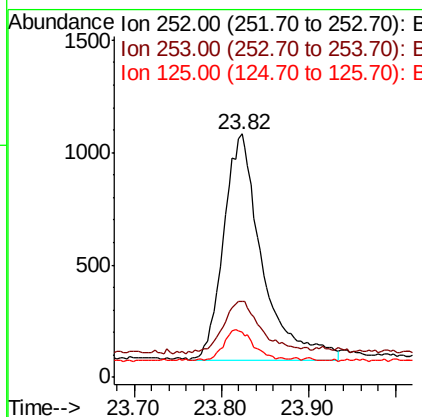
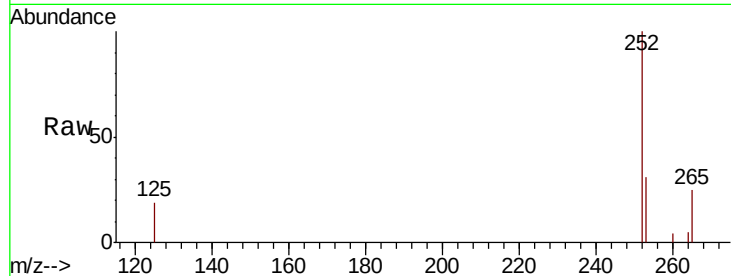
#37
Benzo(a)pyrene
Concen: 0.120 ng
RT: 23.82 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.6	29.4#
125	18.7	6.6	10.0#

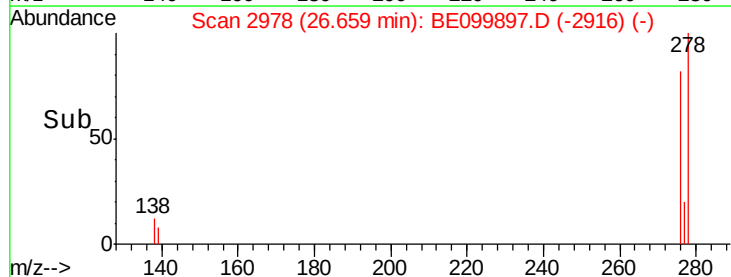
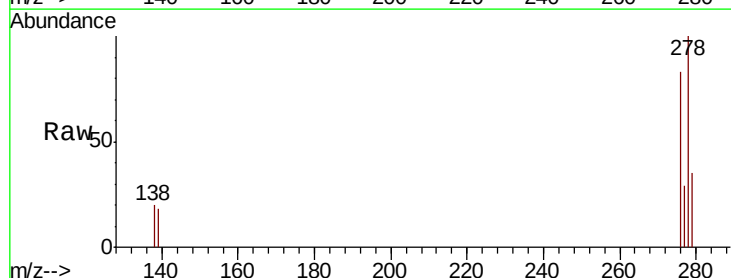
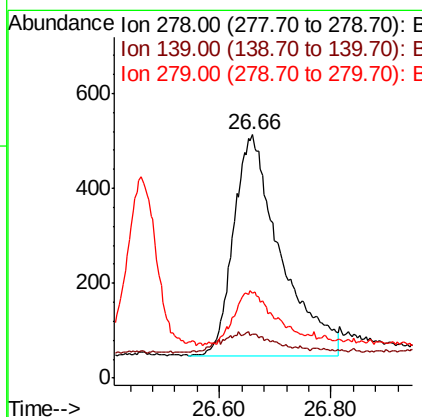
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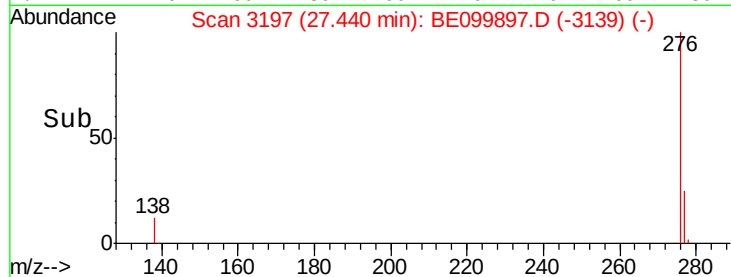
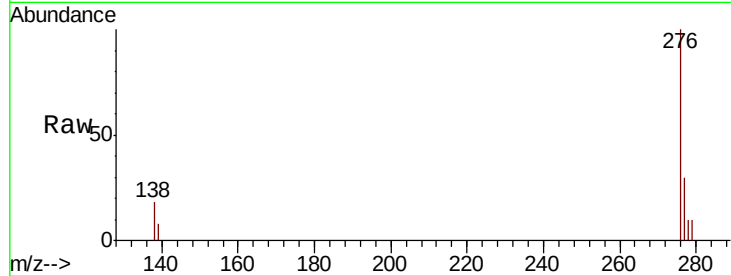
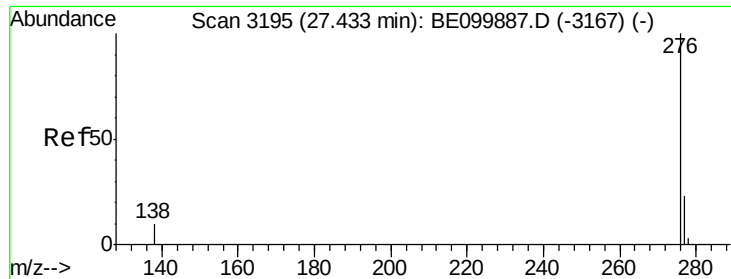
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 26.66 min Scan# 2978
Delta R.T. 0.02 min
Lab File: BE099897.D
Acq: 10 Jun 2019 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	7.8	11.8#
279	34.9	20.0	30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.118 ng

RT: 27.44 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BE099897.D

Acq: 10 Jun 2019 19:20

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-SOIL-03-QT2-2019

Tot Ion:	276	Resp:	3129
Ion Ratio	Lower	Upper	
276	100		
277	30.4	19.5	29.3#
138	18.1	9.5	14.3#

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