

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099929.D
 Acq On : 11 Jun 2019 18:09
 Operator : JU/SJ
 Sample : K2241-01
 Misc : LOD-SOIL-0.1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:37:45 AM

Quant Time: Jun 12 04:36:12 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	680	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2382	0.40	ng	0.00
13) Acenaphthene-d10	14.44	164	2019	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6694	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	7866	0.40	ng	-0.04
34) Perylene-d12	23.87	264	9115	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1591	0.87	ng	0.00
5) Phenol-d6	6.96	99	2010	0.85	ng	0.00
8) Nitrobenzene-d5	8.98	82	1412	0.63	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	1615	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	885	0.59	ng	-0.03
15) 2-Fluorobiphenyl	13.09	172	5151	0.67	ng	-0.01
25) Fluoranthene-d10	19.22	212	33856	0.35	ng	-0.03
29) Terphenyl-d14	19.82	244	13107	0.93	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	97	0.096	ng	89
3) n-Nitrosodimethylamine	3.62	42	21	0.036	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	216	0.112	ng	# 43
9) Naphthalene	10.64	128	3179	0.124	ng	# 91
10) Hexachlorobutadiene	10.90	225	246	0.125	ng	98
12) 2-Methylnaphthalene	12.28	142	494	0.118	ng	# 93
16) Acenaphthylene	14.17	152	1108	0.110	ng	98
17) Acenaphthene	14.51	154	604	0.110	ng	98
18) Fluorene	15.49	166	897	0.109	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	409	0.108	ng	# 91
21) Hexachlorobenzene	16.49	284	455	0.117	ng	96
22) Pentachlorophenol	16.91	266	94	0.350	ng	98
23) Phenanthrene	17.23	178	1781	0.110	ng	99
24) Anthracene	17.33	178	1246	0.084	ng	97
26) Fluoranthene	19.25	202	2894	0.105	ng	98
28) Pyrene	19.61	202	2887	0.140	ng	98
30) Benzo(a)anthracene	21.35	228	2433	0.103	ng	96
31) Chrysene	21.40	228	3191	0.131	ng	98
32) Bis(2-ethylhexyl)phthalate	21.26	149	3445	0.102	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.53	276	3136	0.109	ng	# 87
35) Benzo(b)fluoranthene	23.10	252	2643	0.103	ng	# 84
36) Benzo(k)fluoranthene	23.15	252	3310	0.124	ng	# 85
37) Benzo(a)pyrene	23.76	252	2825	0.112	ng	# 80
38) Dibenzo(a,h)anthracene	26.56	278	2411m	0.095	ng	
39) Benzo(g,h,i)perylene	27.34	276	2858	0.109	ng	# 84

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

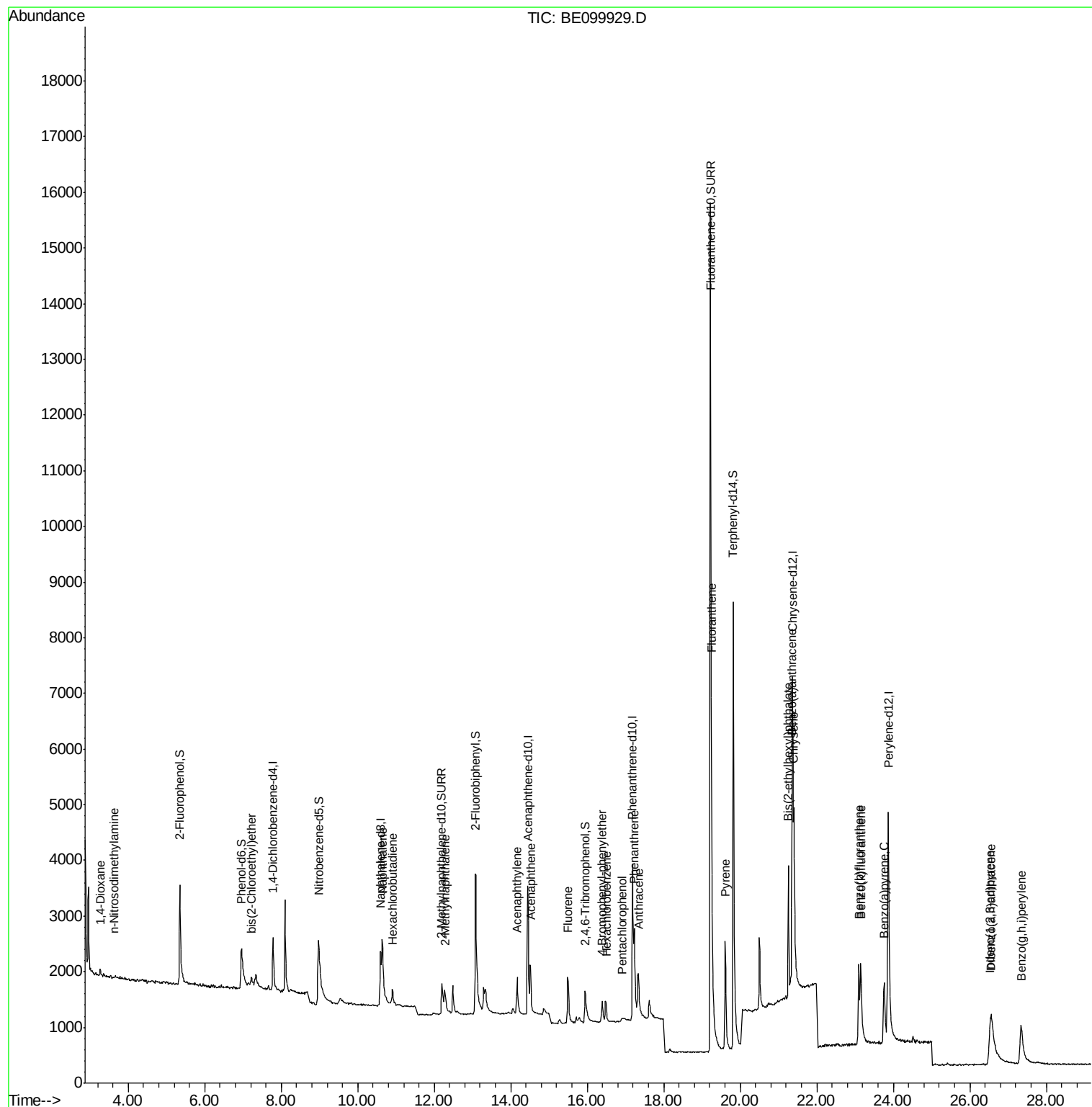
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099929.D
Acq On : 11 Jun 2019 18:09
Operator : JU/SJ
Sample : K2241-01
Misc : LOD-SOIL-0.1PPM
ALS Vial : 4 Sample Multiplier: 1

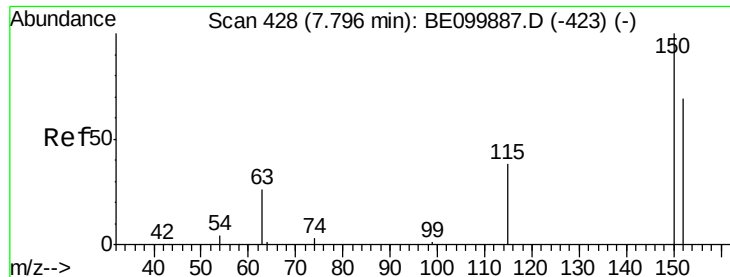
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

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6/14/2019 8:37:45 AM

Quant Time: Jun 12 04:36:12 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

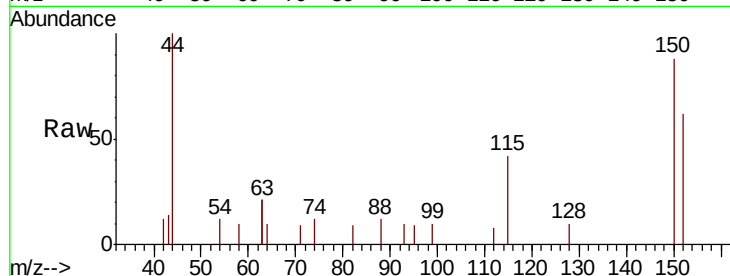
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	111.0	166.6
115	68.0	50.7	76.1

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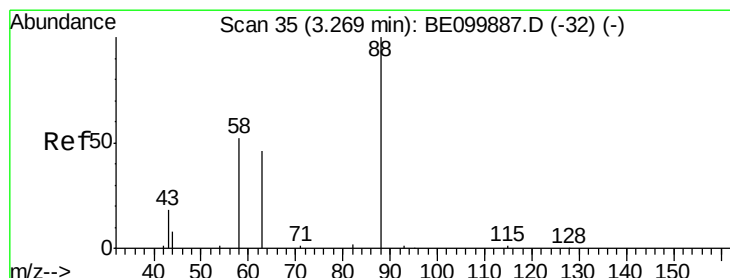
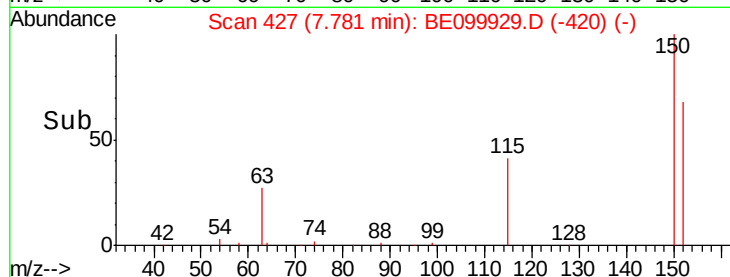
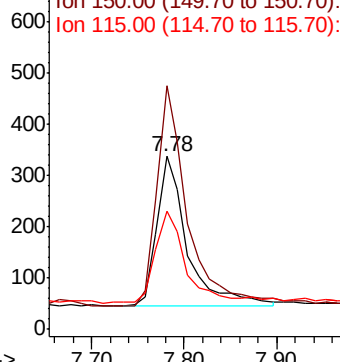


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

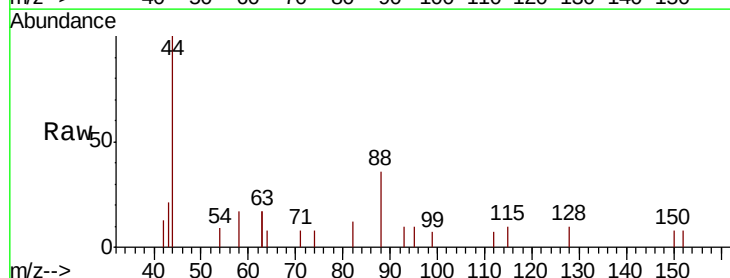
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.096 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	48.8	73.2
43	19.6	19.0	28.6

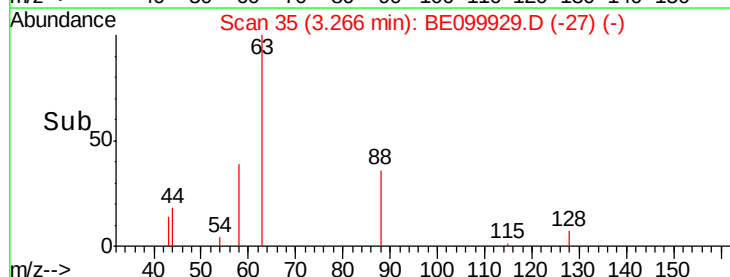
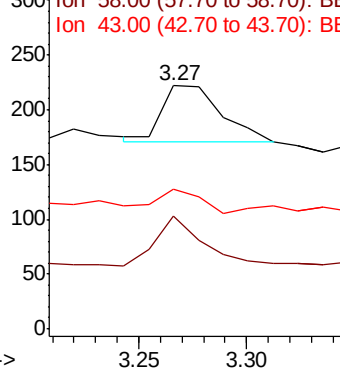


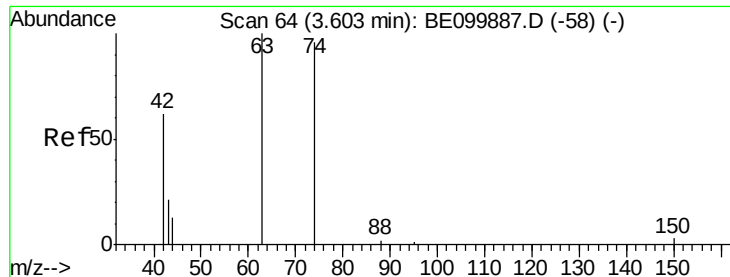
Abundance

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: 0.036 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

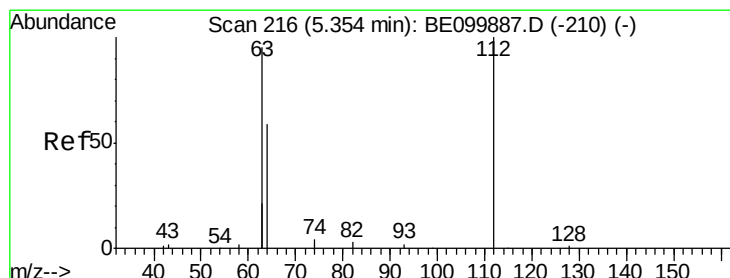
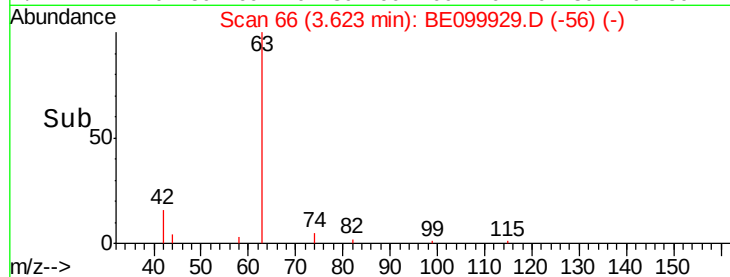
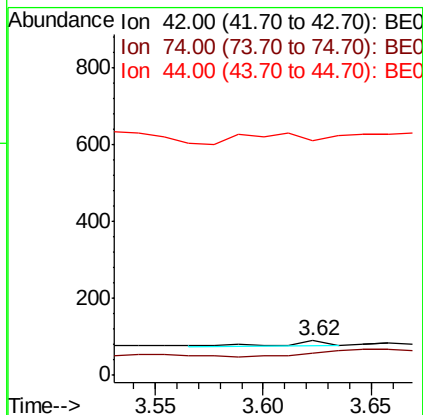
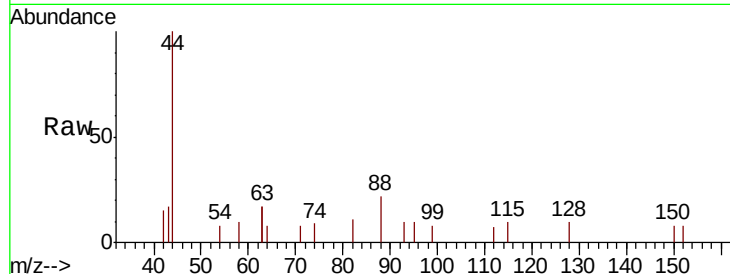
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	42	Resp:	21
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	281.0	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.867 ng

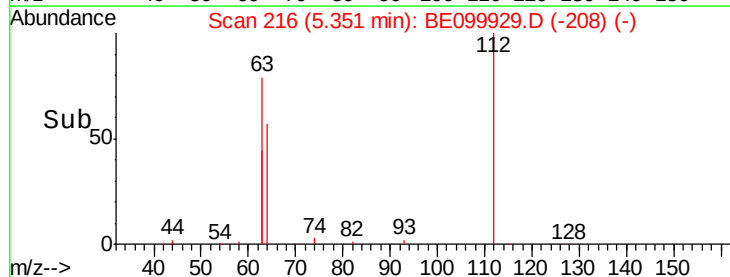
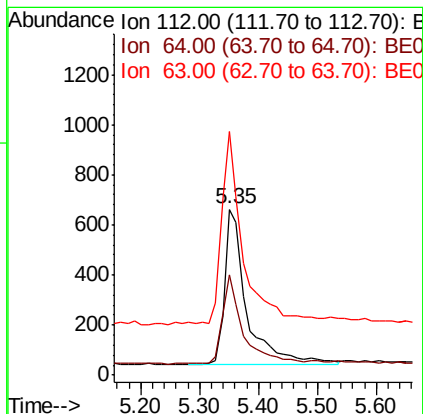
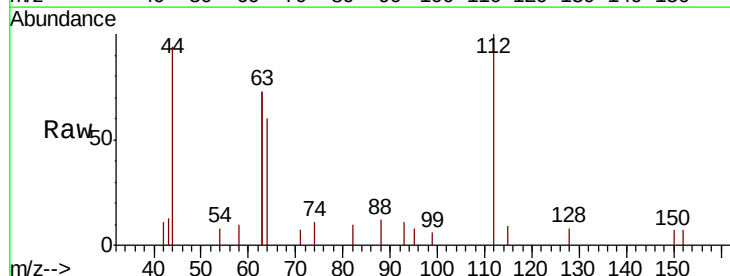
RT: 5.35 min Scan# 216

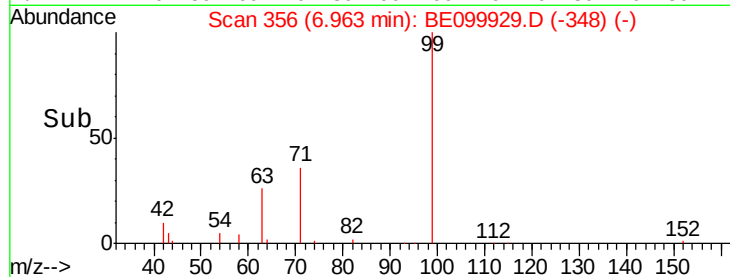
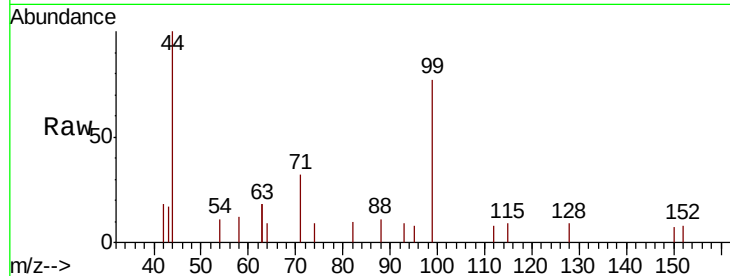
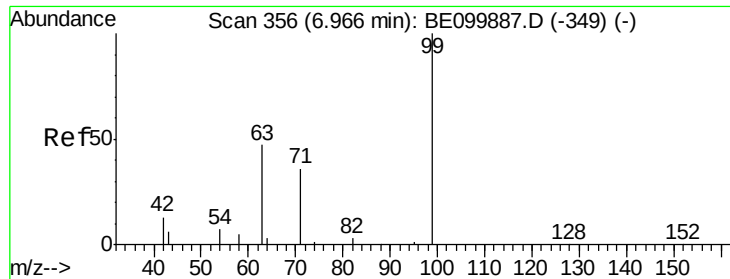
Delta R.T. -0.00 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tgt Ion	112	Resp:	1591
Ion	Ratio	Lower	Upper
112	100		
64	53.2	44.1	66.1
63	123.3	87.8	131.6





#5

Phenol-d6

Concen: 0.850 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		2010		
42	11.9	15.9	23.9#		
71	37.8	34.6	52.0		

Instrument :

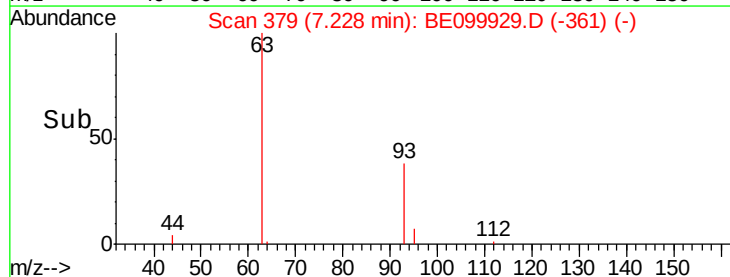
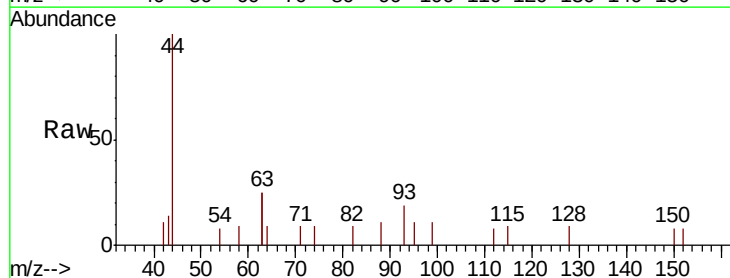
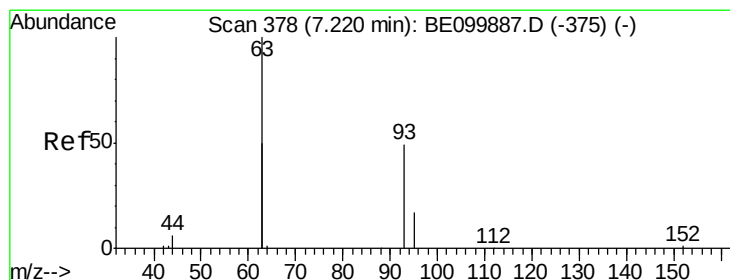
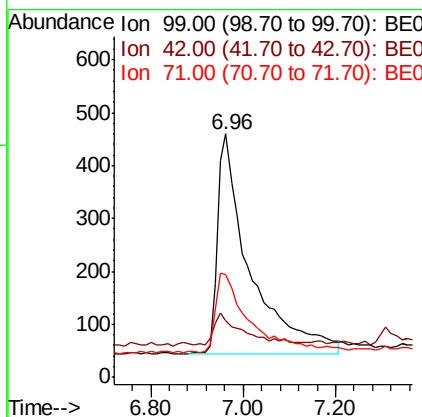
BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

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#6

bis(2-Chloroethyl)ether

Concen: 0.112 ng

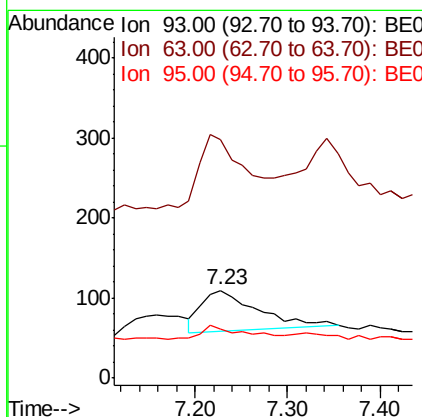
RT: 7.23 min Scan# 379

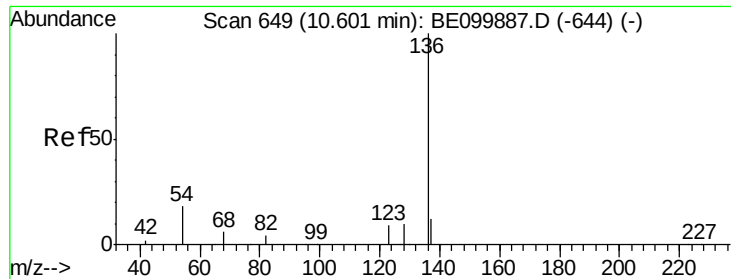
Delta R.T. 0.01 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		216		
63	142.6	202.8	304.2#		
95	25.5	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: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

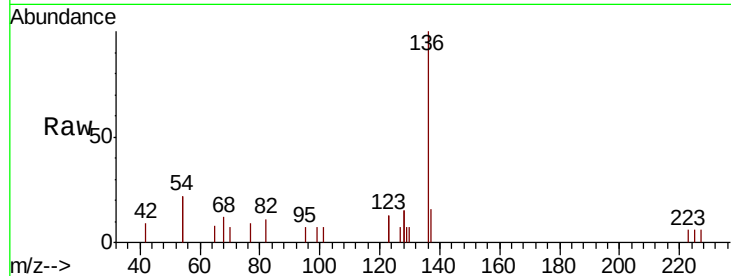
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.8	12.3	18.5
54	44.9	28.2	42.4#
68	12.1	7.8	11.8#

Manual Integrations
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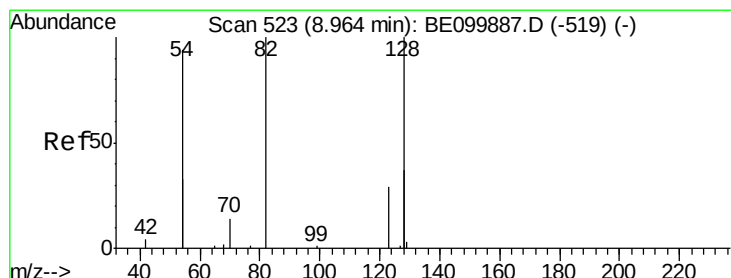
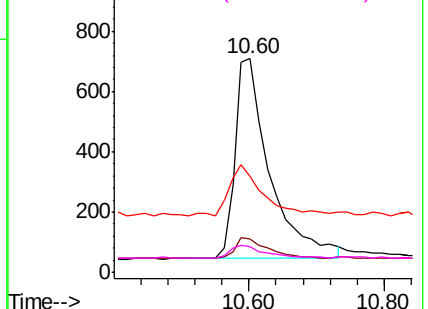
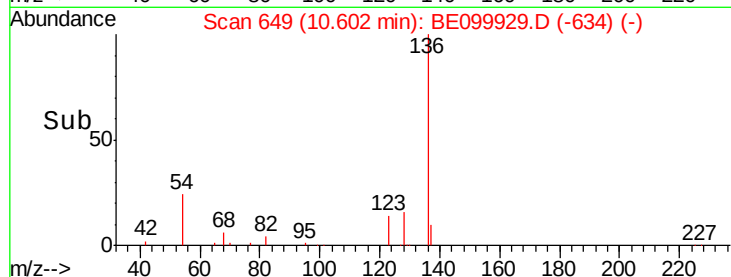


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.626 ng

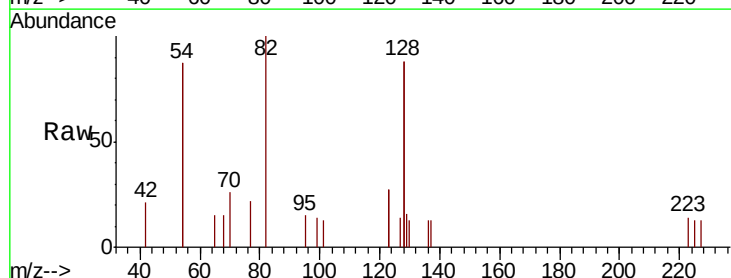
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

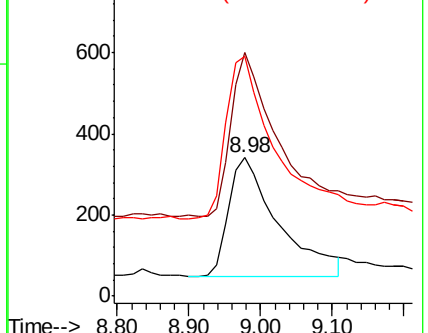
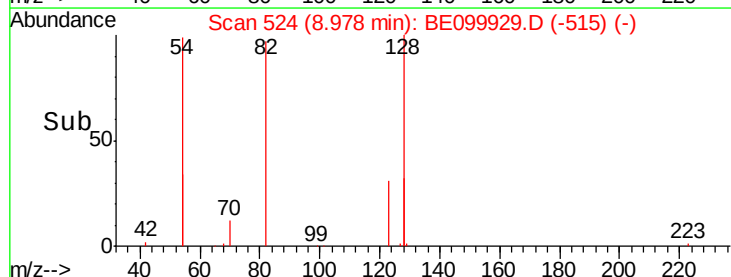
Tgt Ion	Ratio	Lower	Upper
82	100		
128	176.0	137.3	205.9
54	173.6	129.7	194.5

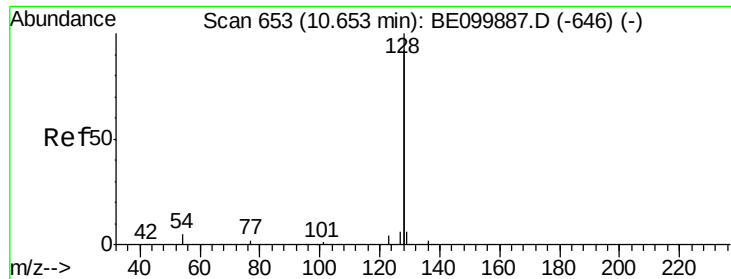


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.124 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

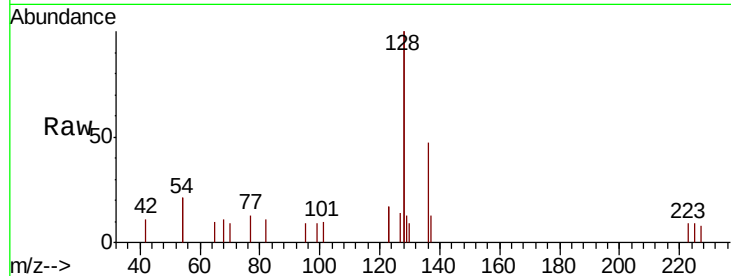
ClientSampled :

LOD-MDL-SOIL-01-QT2-2019

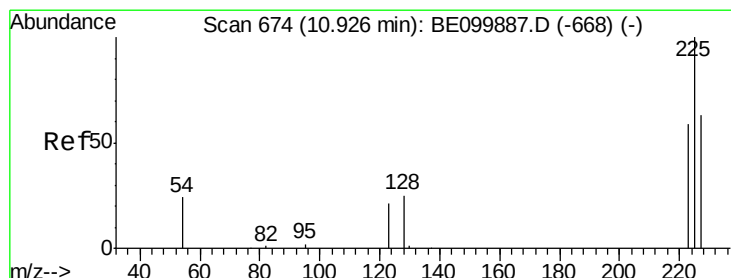
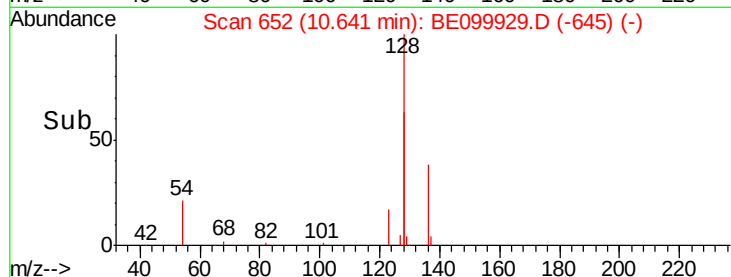
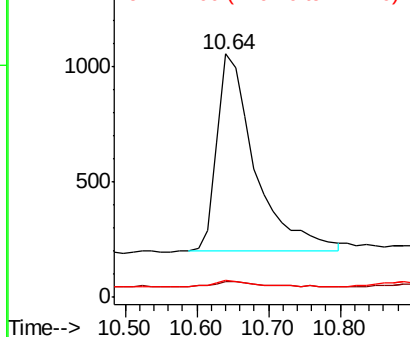
Tot Ion:	128	Resp:	3179
Ion Ratio	Lower	Upper	
128	100		
129	6.5	3.0	4.6#
127	7.2	3.4	5.0#

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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: 0.125 ng

RT: 10.90 min Scan# 672

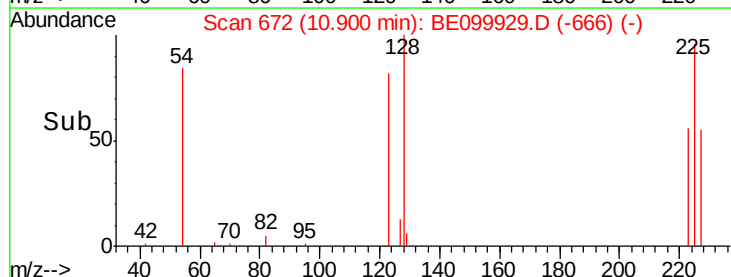
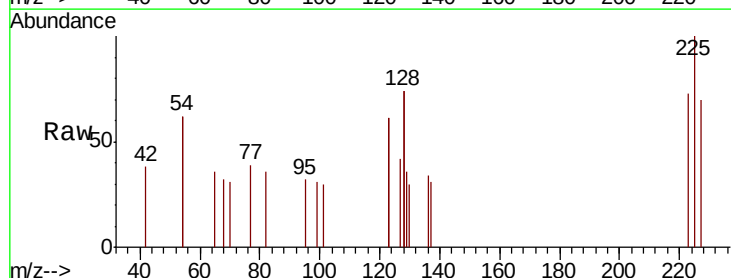
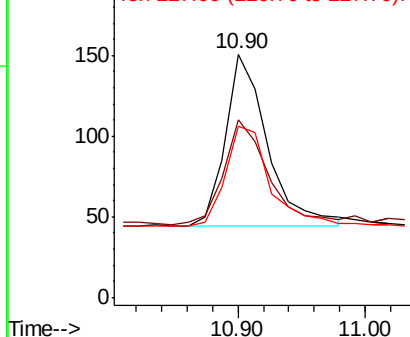
Delta R.T. -0.03 min

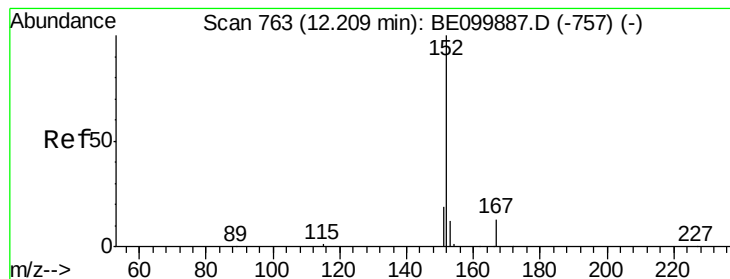
Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tgt Ion:	225	Resp:	246
Ion Ratio	Lower	Upper	
225	100		
223	65.0	51.6	77.4
227	61.0	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





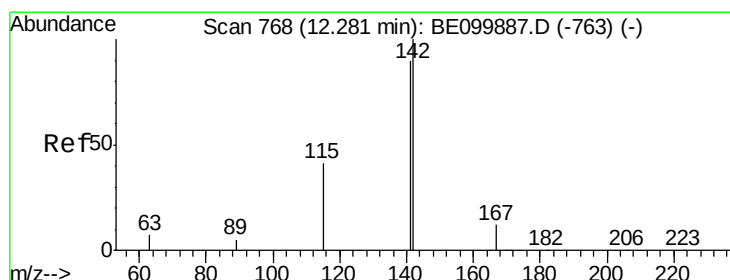
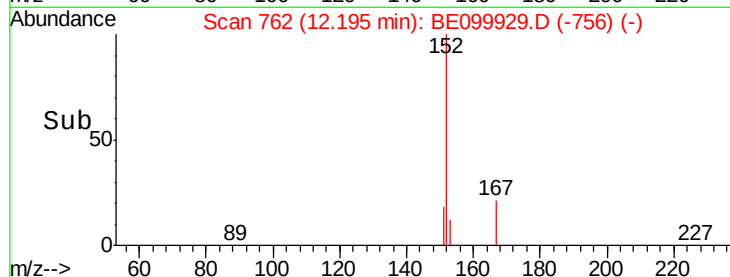
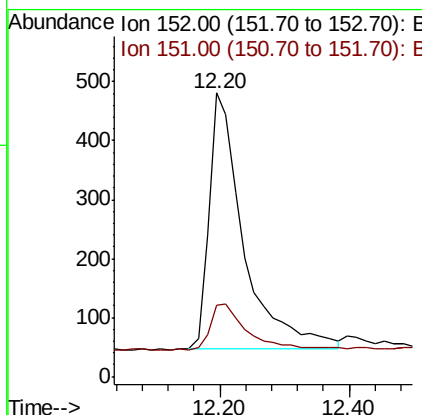
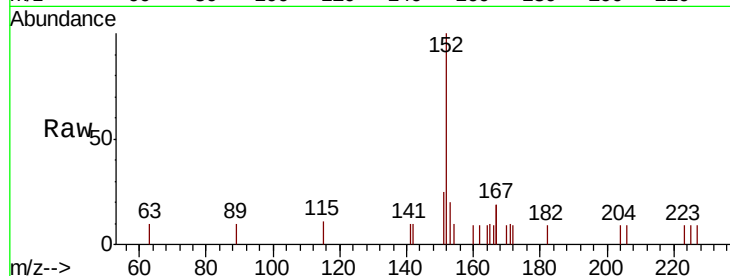
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8

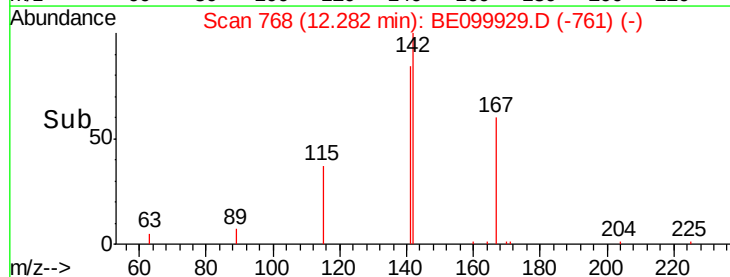
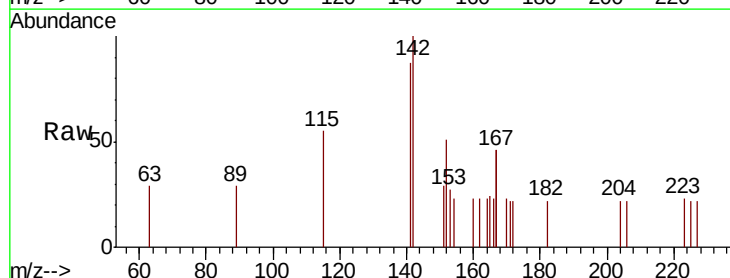
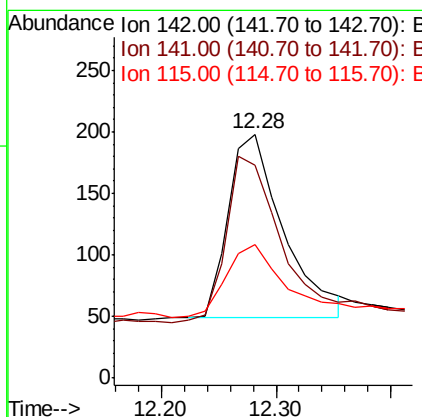
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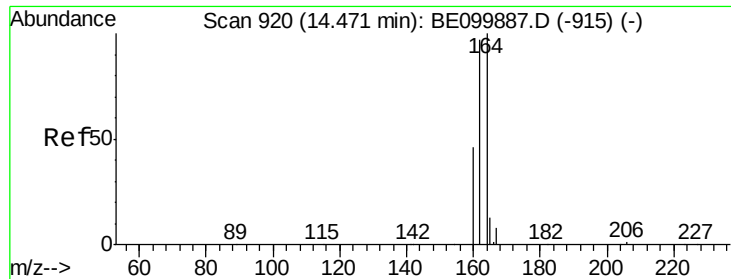
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#12
2-Methylnaphthalene
Concen: 0.118 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.3	108.5
115	55.1	36.4	54.6





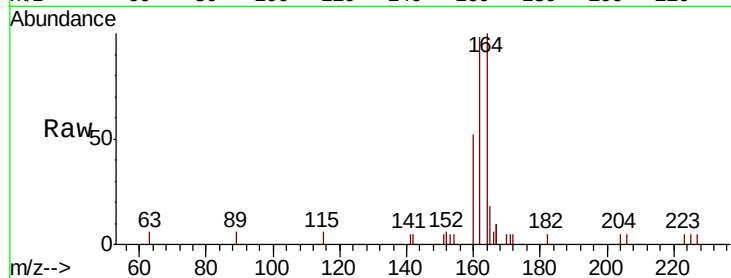
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.8	116.8
160	52.2	38.2	57.4

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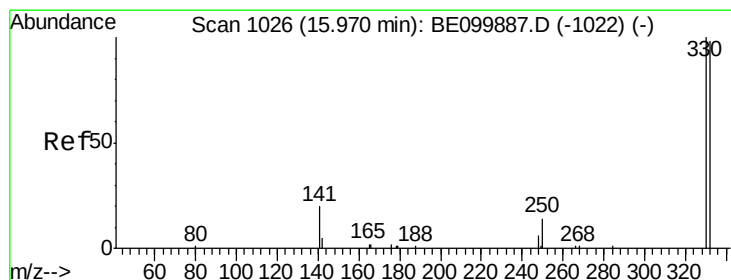
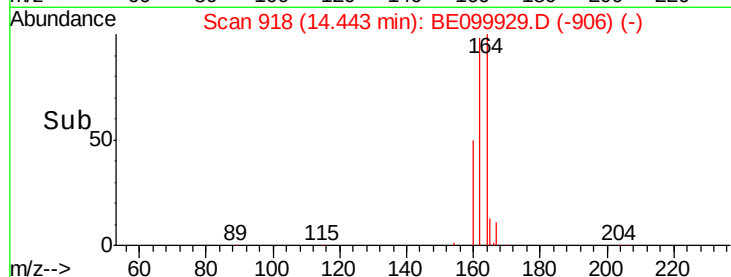
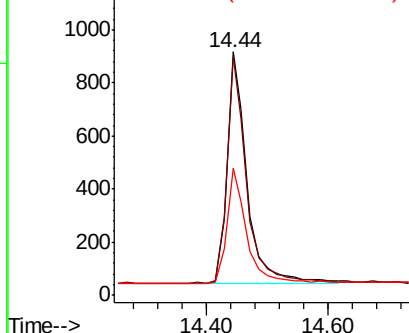


Abundance

Ion 164.00 (163.70 to 164.70): E

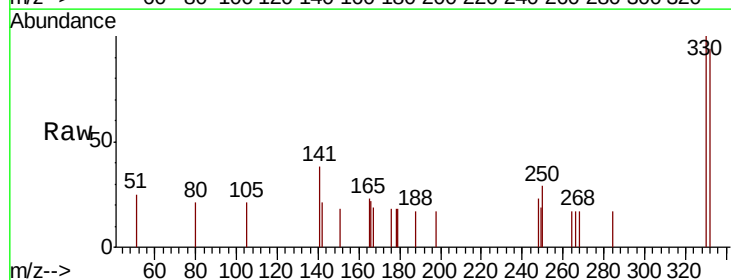
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.593 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.7	115.1
141	23.3	21.0	31.6

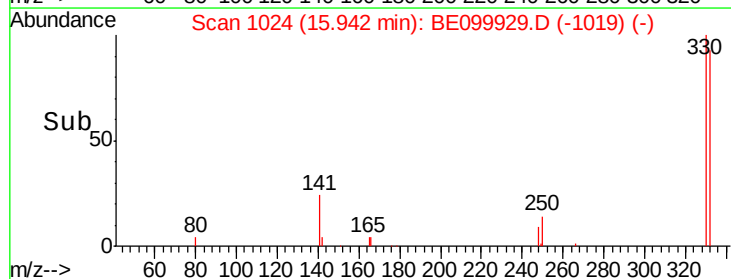
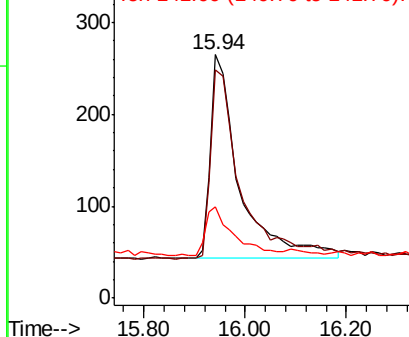


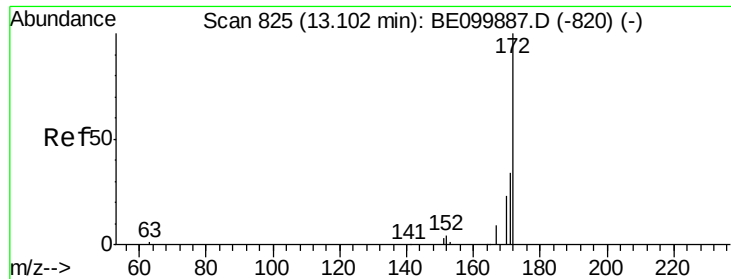
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





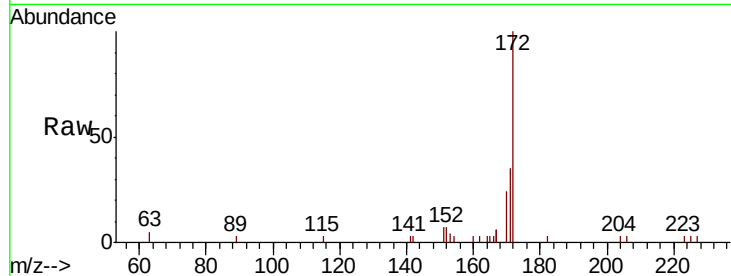
#15
2-Fluorobiphenyl
Concen: 0.673 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.2	43.8
170	24.3	21.2	31.8

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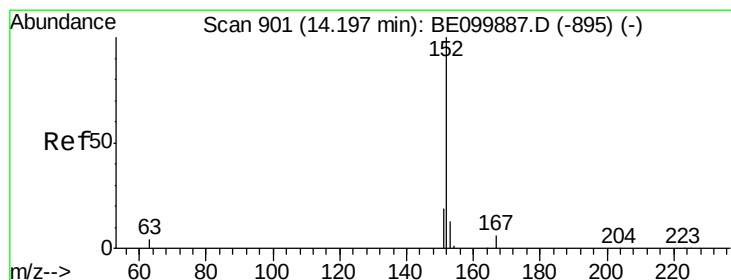
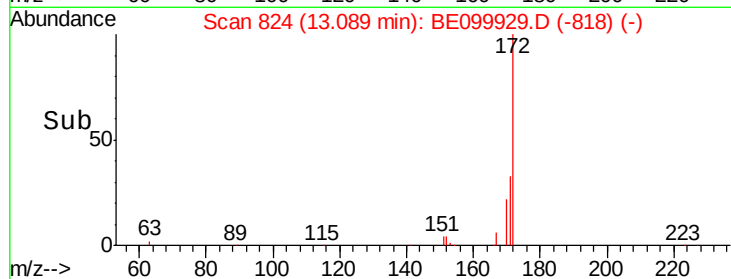
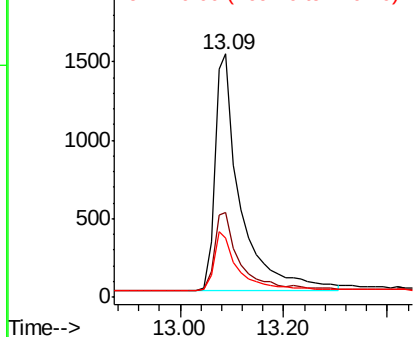


Abundance

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: 0.110 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

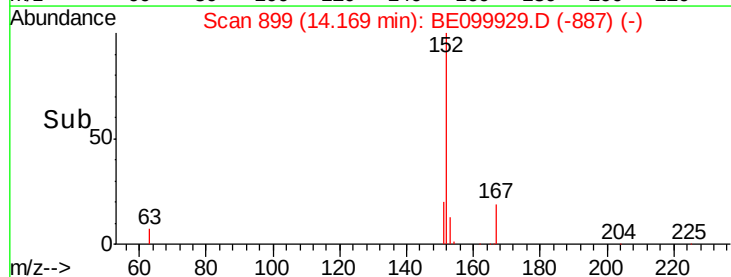
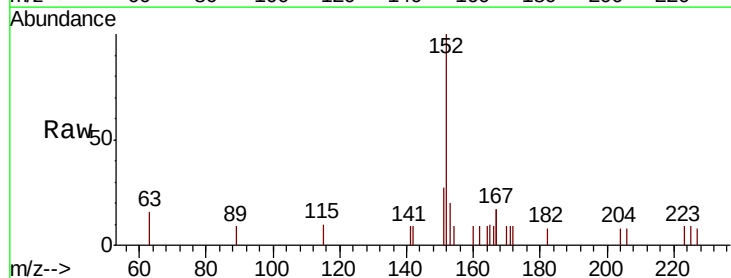
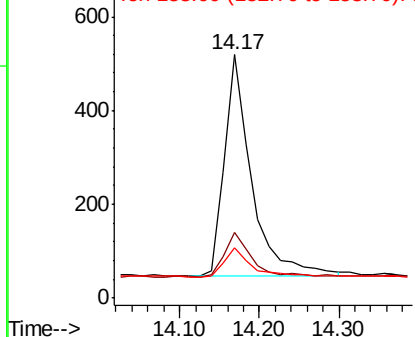
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.6	10.2	15.2

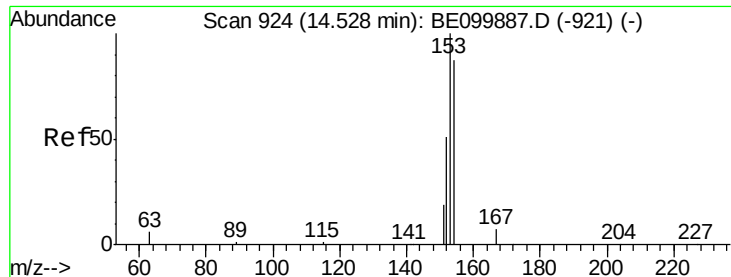
Abundance

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





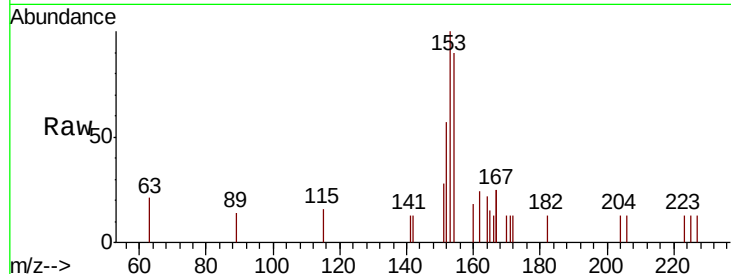
#17
Acenaphthene
Concen: 0.110 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	93.1	139.7
152	55.5	47.0	70.4

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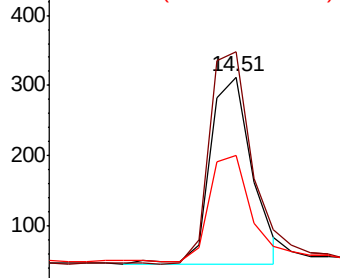


Abundance

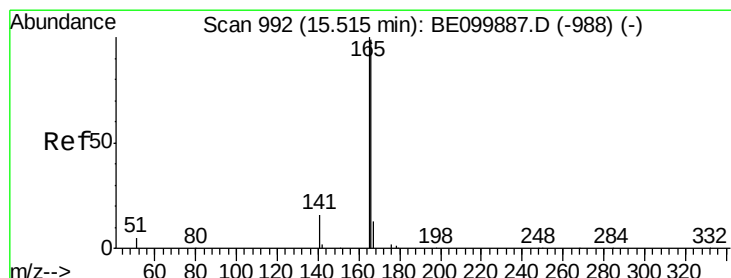
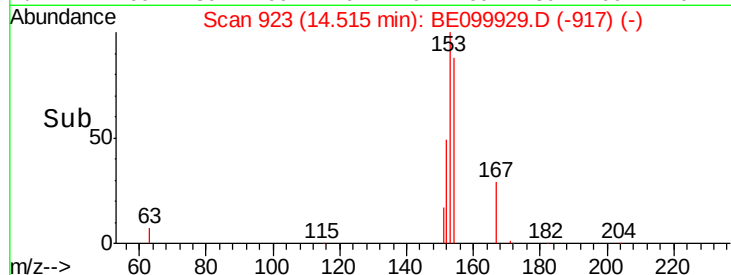
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

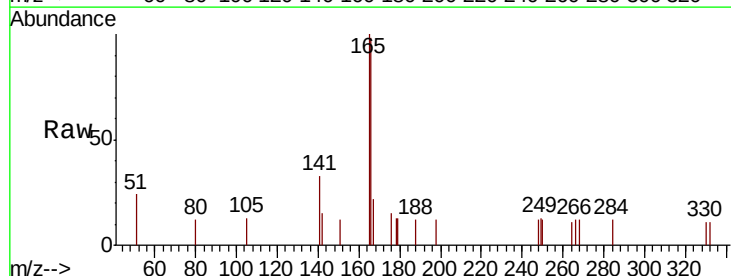


Time-->



#18
Fluorene
Concen: 0.109 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.5	81.8	122.8
167	13.2	11.2	16.8

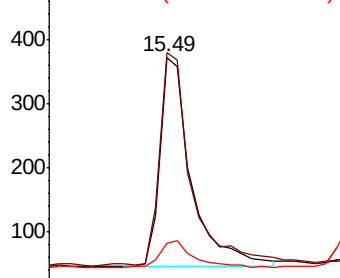


Abundance

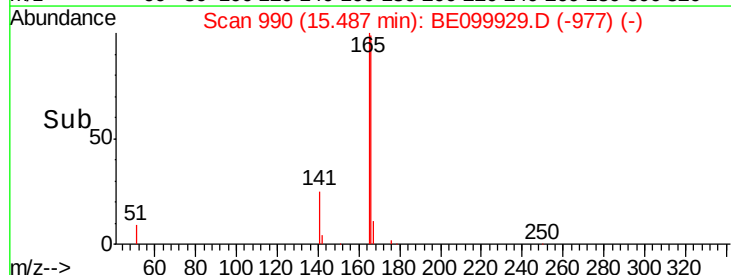
Ion 166.00 (165.70 to 166.70): E

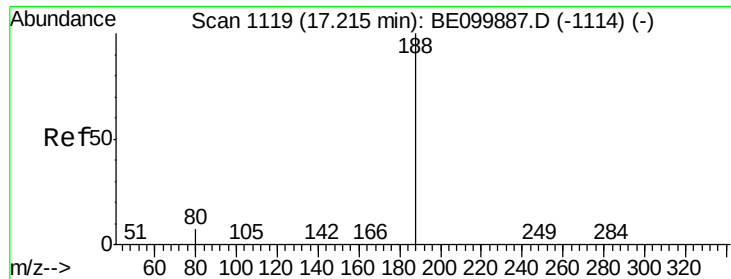
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





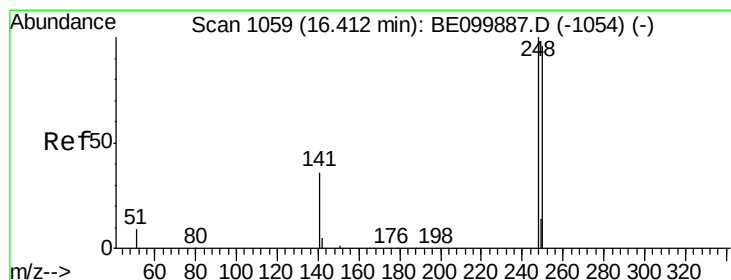
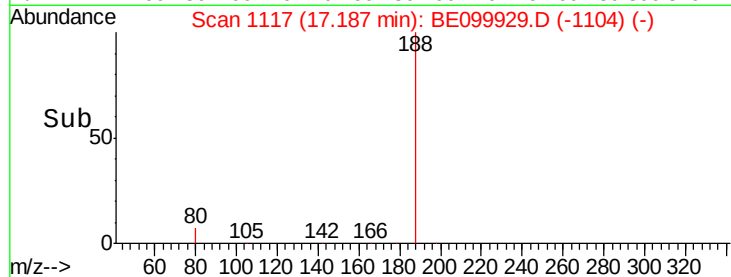
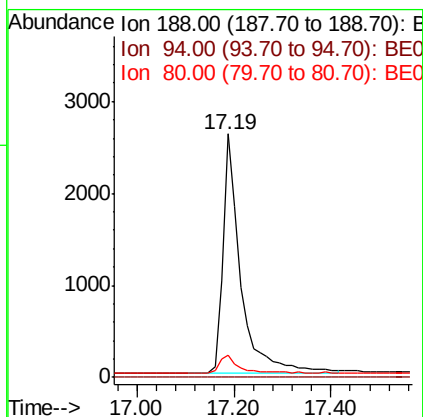
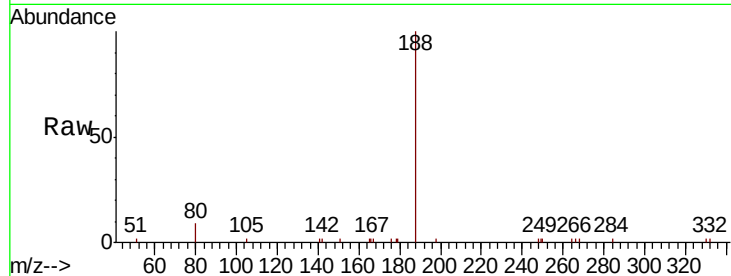
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
188	100	6694		
94	0.0	0.0	0.0	0.0
80	9.1	6.4	9.6	

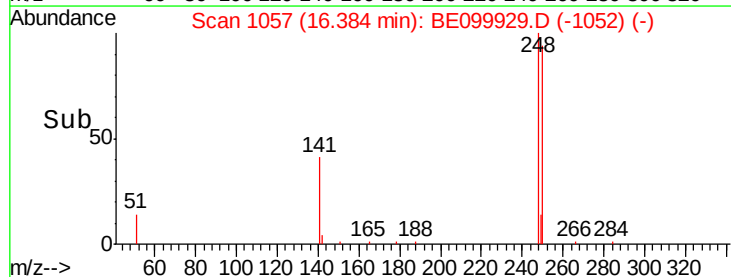
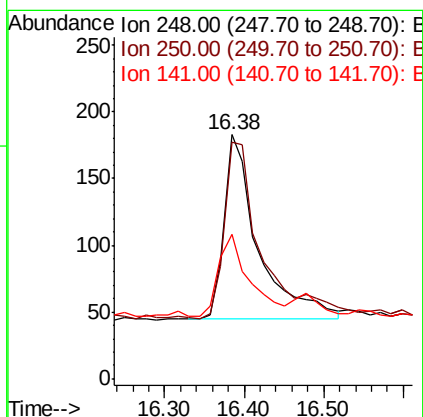
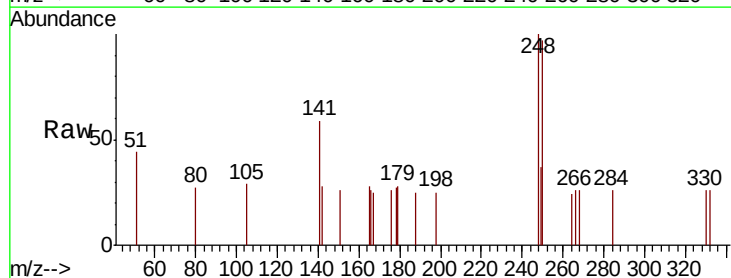
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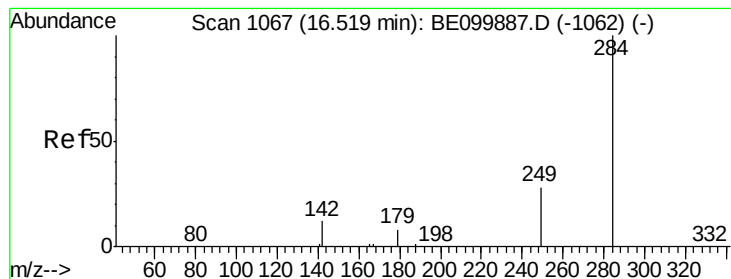
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#20
4-Bromophenyl-phenylether
Concen: 0.108 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	409		
250	96.7	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: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

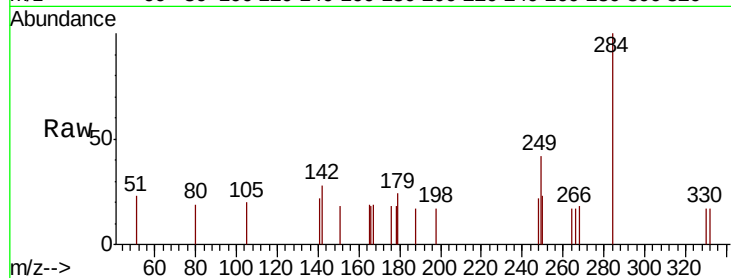
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

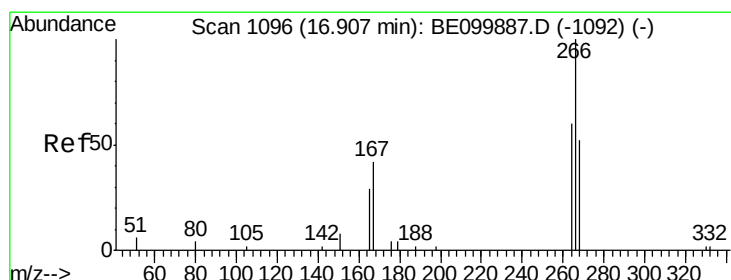
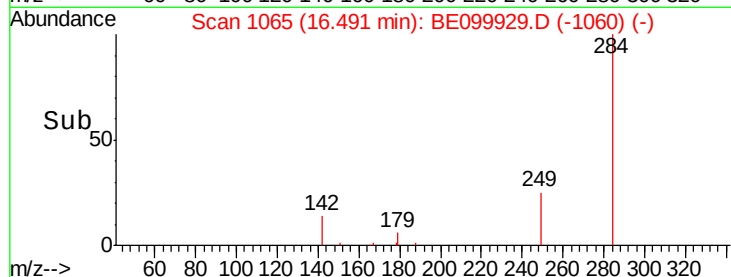
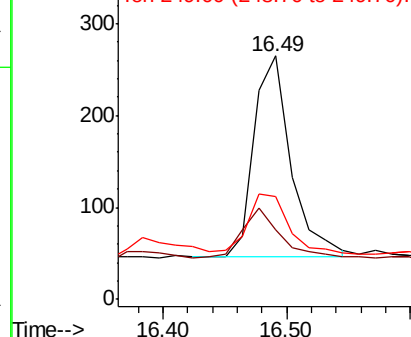
Tot Ion:	284	Resp:	455
Ion Ratio	Lower	Upper	
284	100		
142	25.5	18.2	27.4
249	32.1	24.6	37.0

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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: 0.350 ng

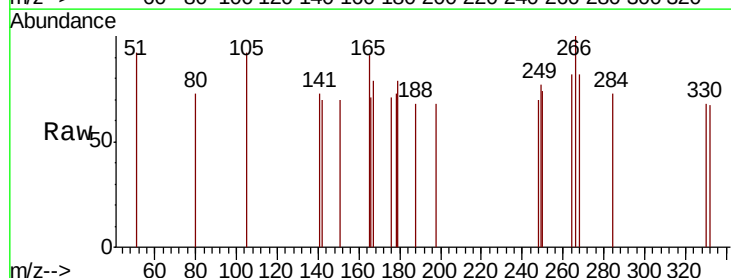
RT: 16.91 min Scan# 1096

Delta R.T. -0.00 min

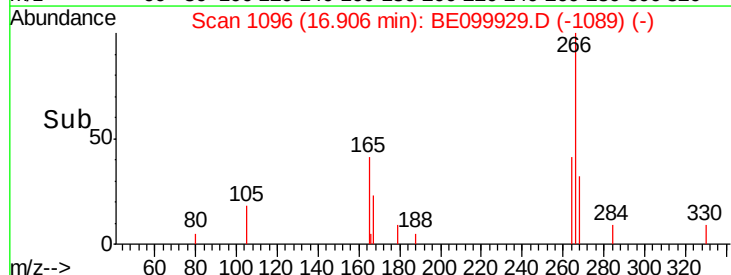
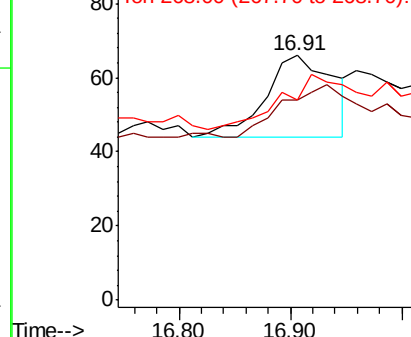
Lab File: BE099929.D

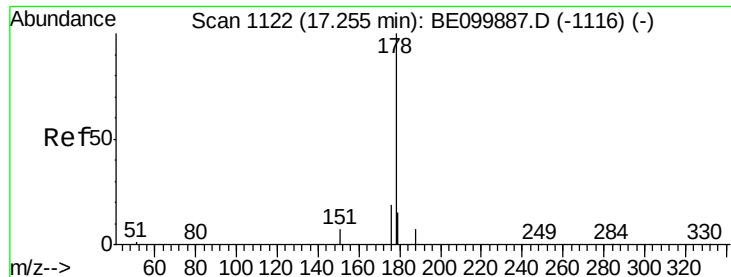
Acq: 11 Jun 2019 18:09

Tgt Ion:	266	Resp:	94
Ion Ratio	Lower	Upper	
266	100		
264	81.8	62.2	93.2
268	81.8	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: 0.110 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

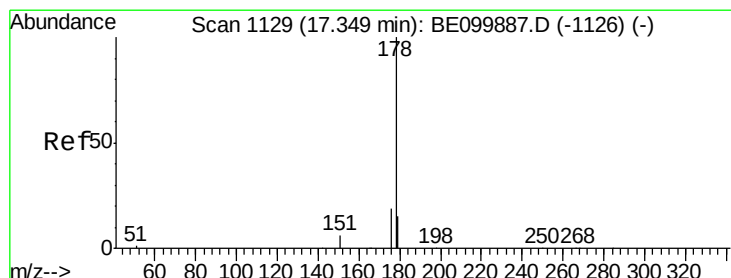
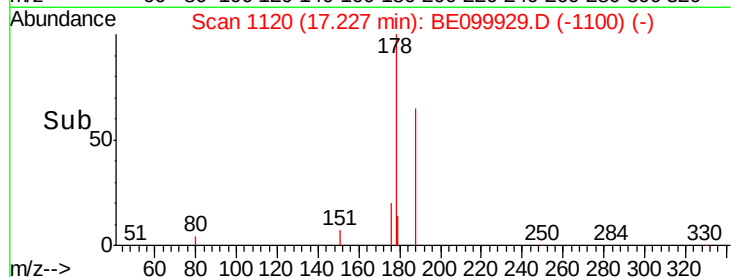
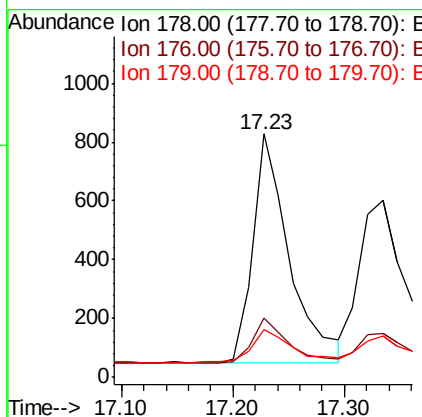
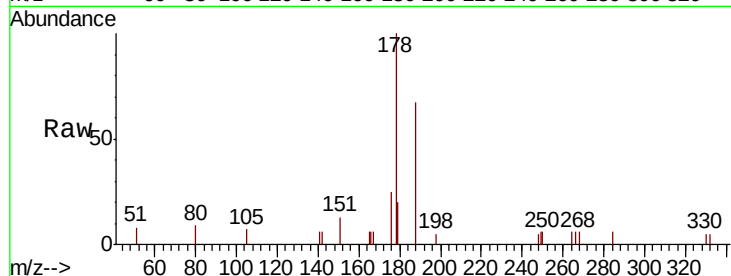
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:178	Resp:	1781
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.8 23.8
179	16.1	12.4 18.6

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#24

Anthracene

Concen: 0.084 ng

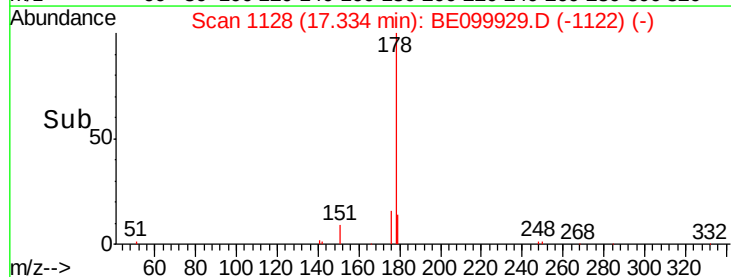
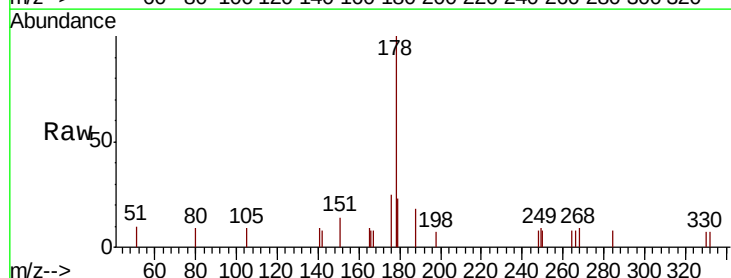
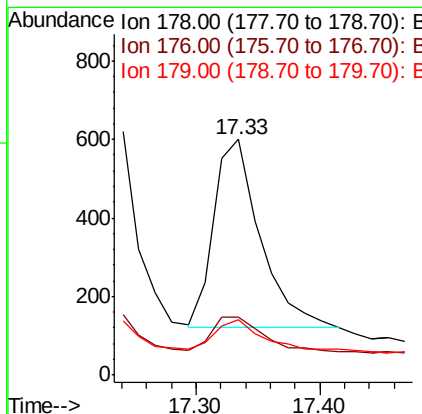
RT: 17.33 min Scan# 1128

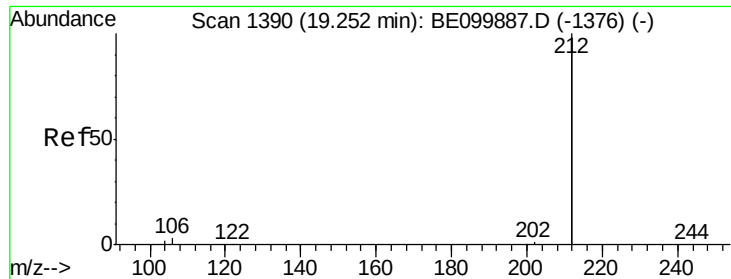
Delta R.T. -0.01 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tgt Ion:178	Resp:	1246
Ion Ratio	Lower	Upper
178	100	
176	19.7	14.6 22.0
179	14.7	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.03 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

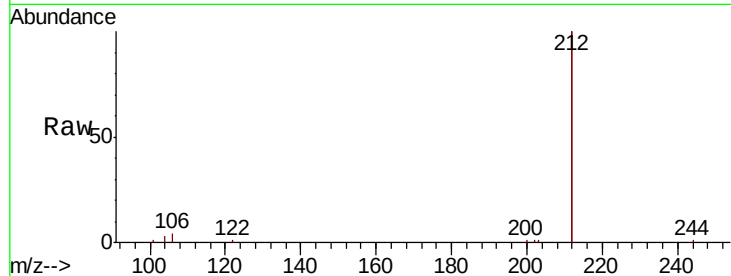
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

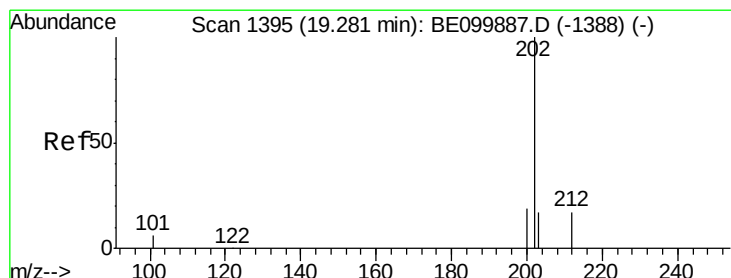
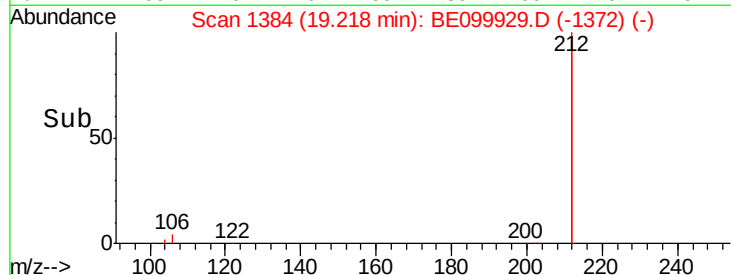
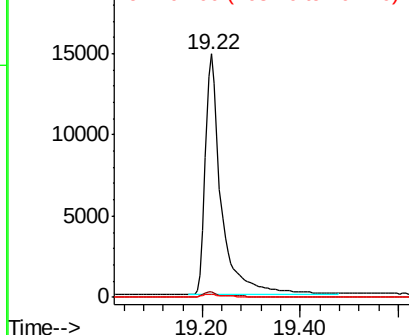
Tot Ion:212	Resp:	33856
Ion Ratio	Lower	Upper
212 100		
106 1.8	1.4	2.2
104 1.0	0.9	1.3

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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: 0.105 ng

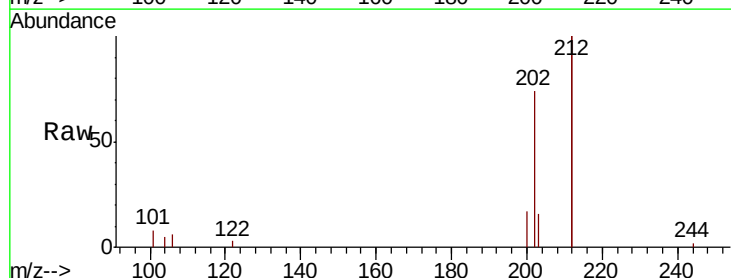
RT: 19.25 min Scan# 1389

Delta R.T. -0.03 min

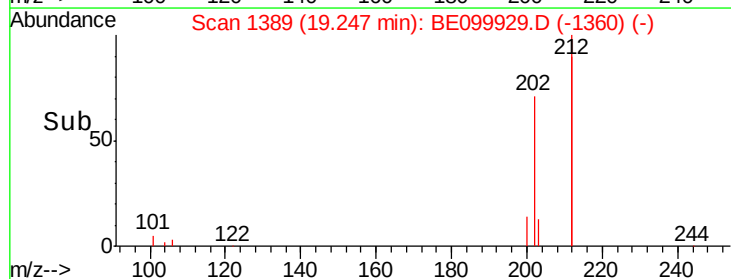
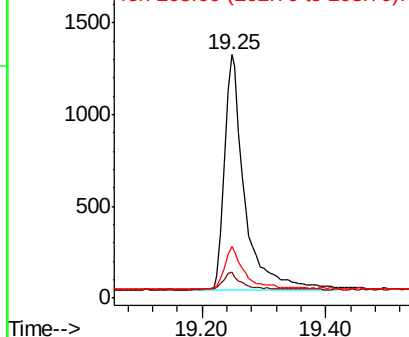
Lab File: BE099929.D

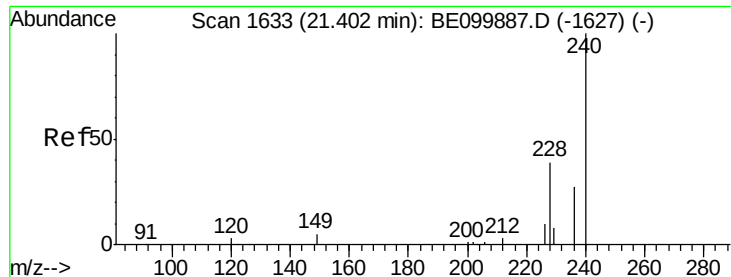
Acq: 11 Jun 2019 18:09

Tgt Ion:202	Resp:	2894
Ion Ratio	Lower	Upper
202 100		
101 6.7	5.4	8.0
203 17.7	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





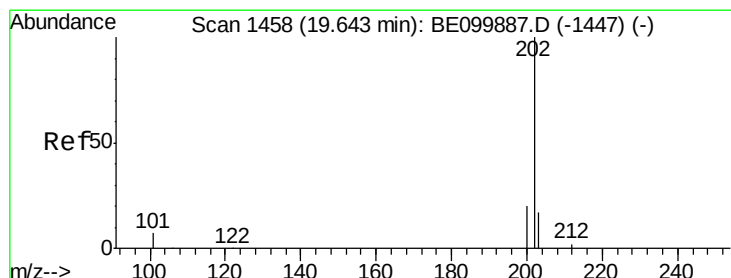
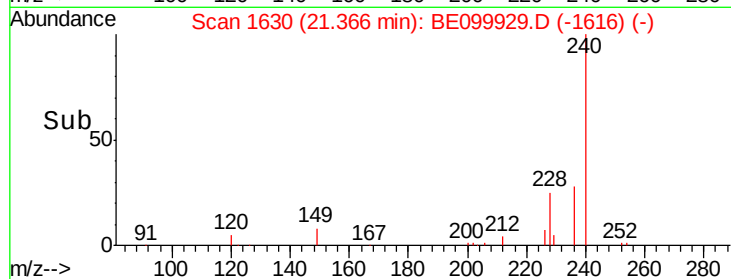
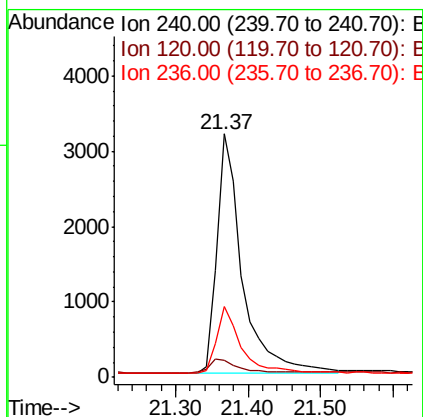
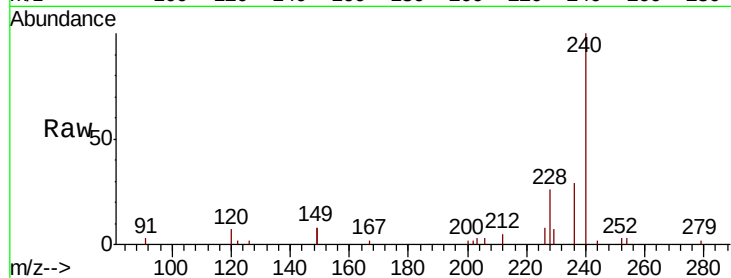
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	3.8	5.6#
236	28.9	22.0	33.0

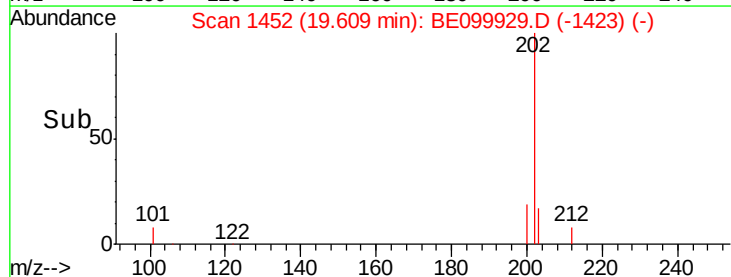
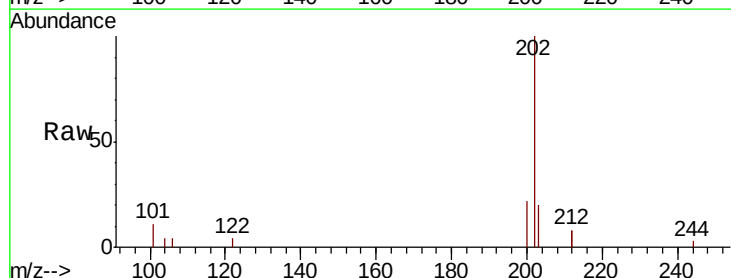
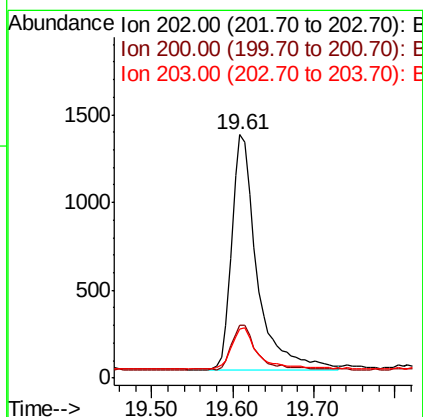
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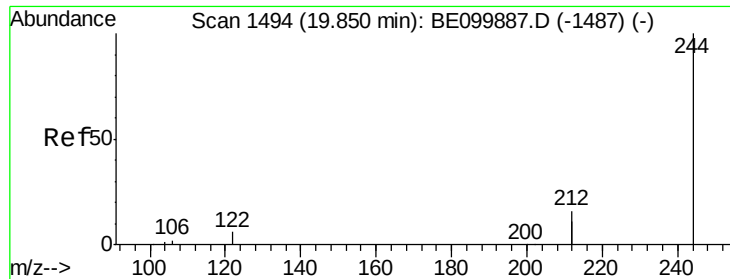
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#28
Pyrene
Concen: 0.140 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	18.6	14.0	21.0





#29

Terphenyl-d14

Concen: 0.926 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Instrument :

BNA_E

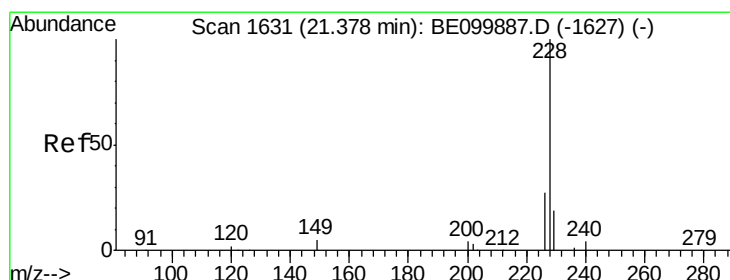
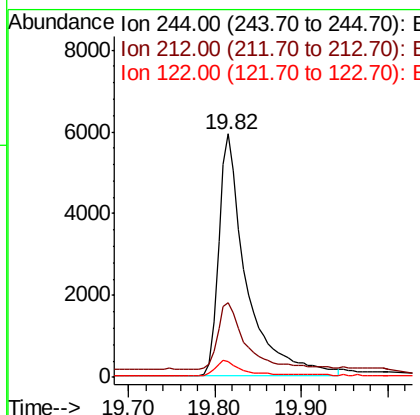
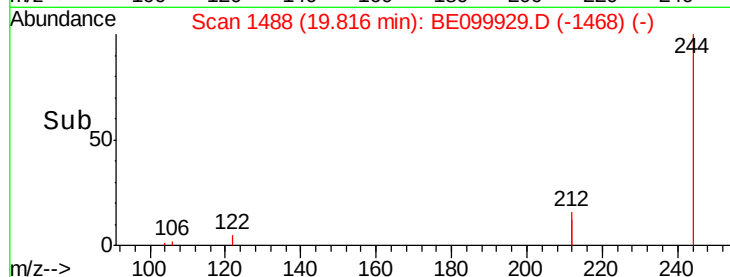
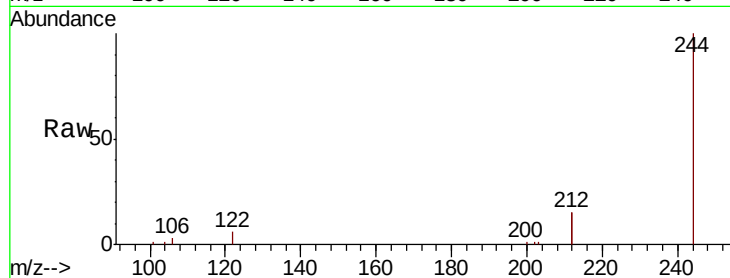
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	244	Resp:	13107
Ion Ratio	Lower	Upper	
244	100		
212	30.8	25.7	38.5
122	6.2	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.103 ng

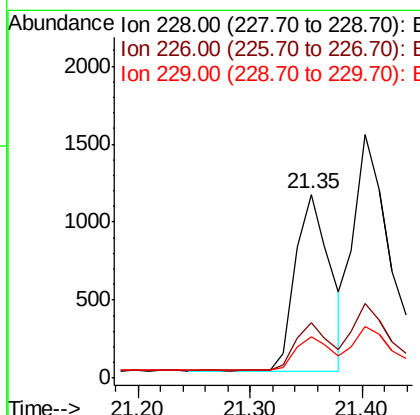
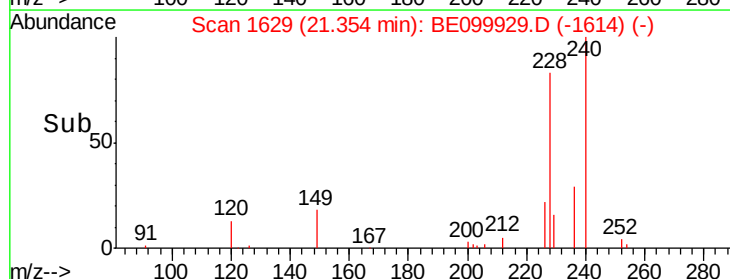
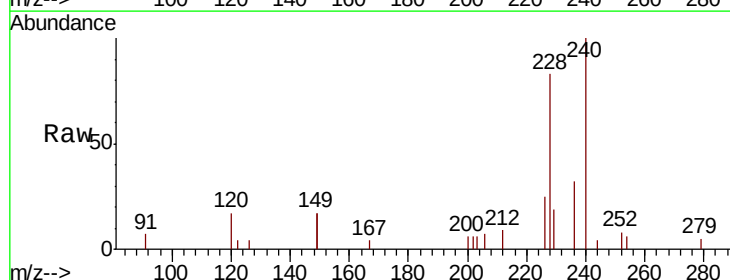
RT: 21.35 min Scan# 1629

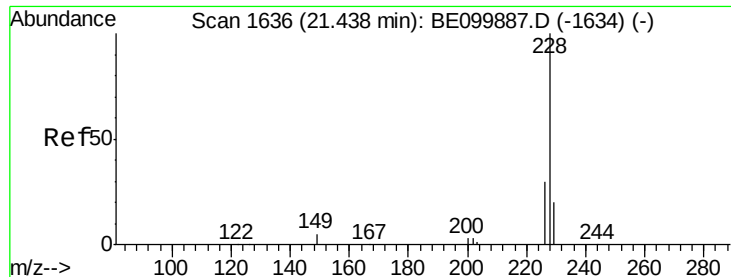
Delta R.T. -0.02 min

Lab File: BE099929.D

Acq: 11 Jun 2019 18:09

Tgt Ion:	228	Resp:	2433
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.5	33.7
229	22.6	15.9	23.9





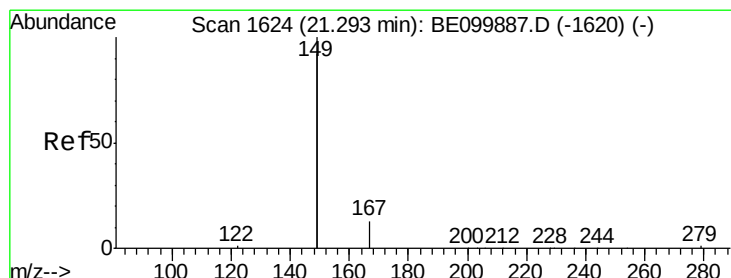
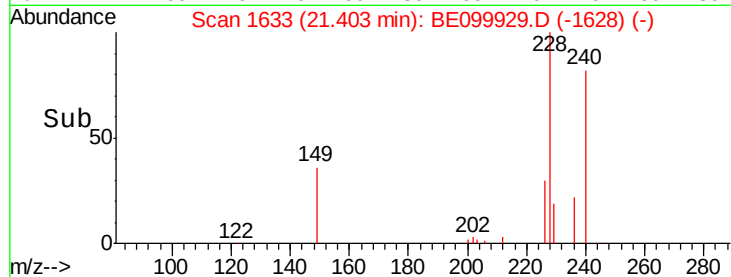
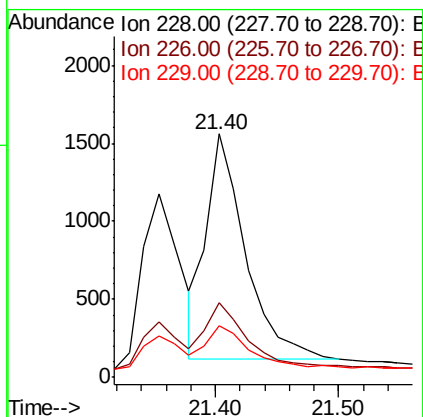
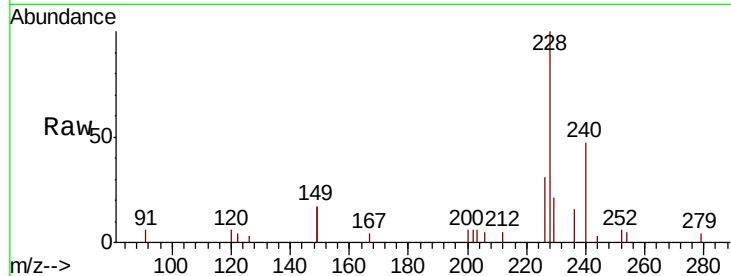
#31
Chrysene
Concen: 0.131 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	21.3	16.1	24.1

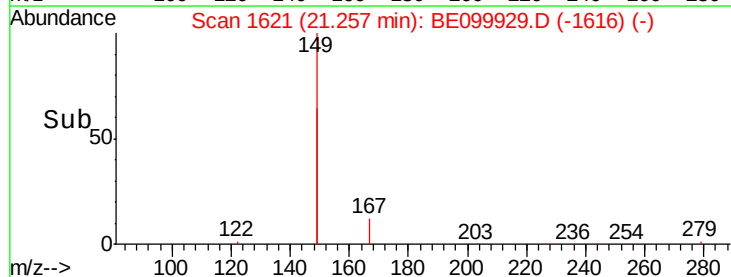
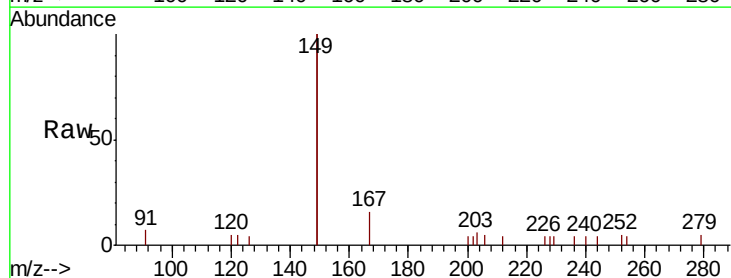
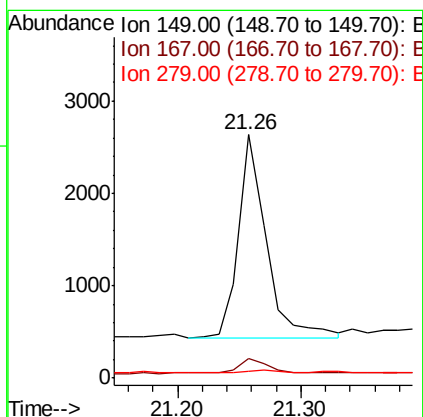
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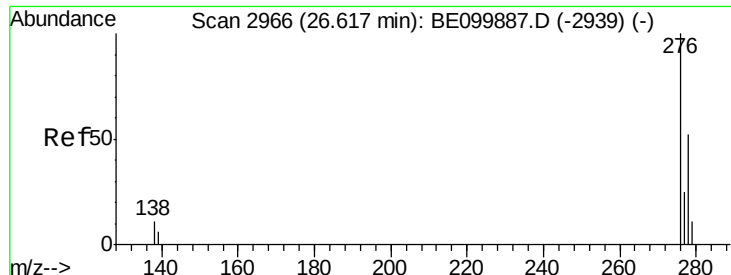
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.9	8.9
279	2.0	1.2	1.8#





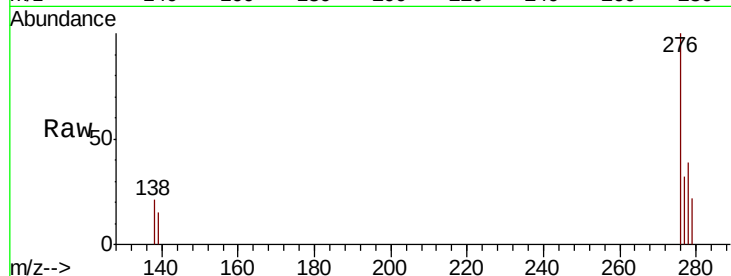
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.09 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

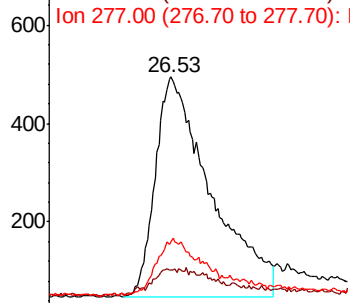
Tot Ion	Ratio	Lower	Upper
276	100		
138	3.5	10.1	15.1#
277	20.1	19.1	28.7

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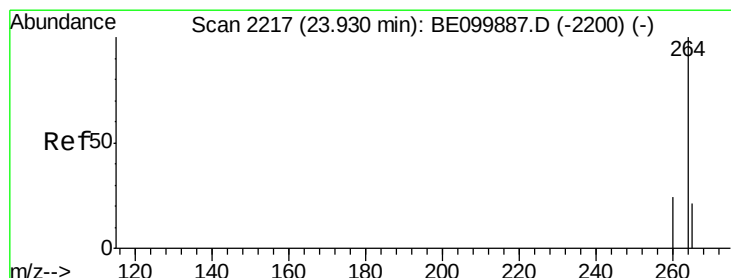
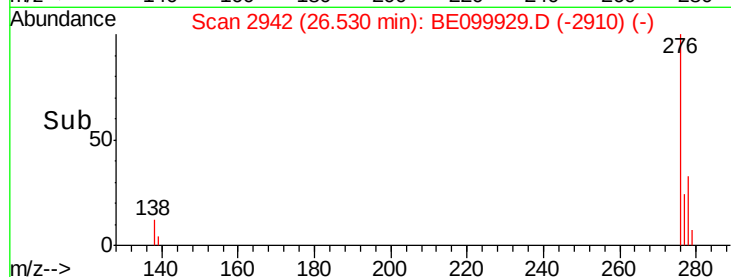
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



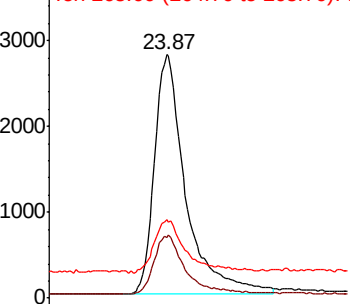
Time-->



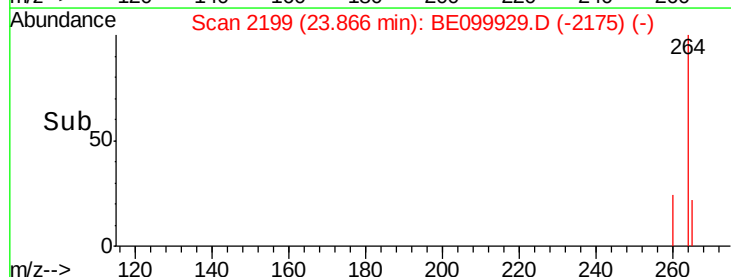
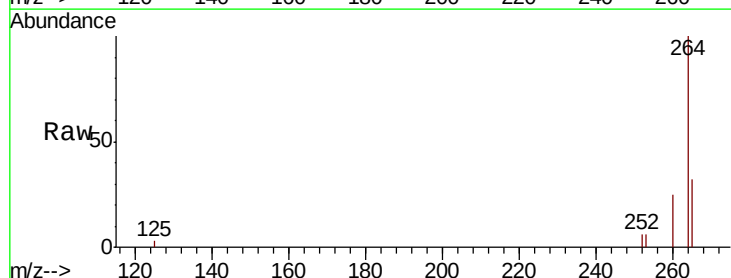
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

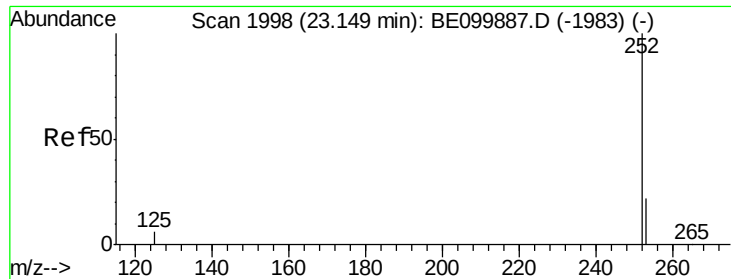
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	32.2	22.0	33.0

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



Time-->





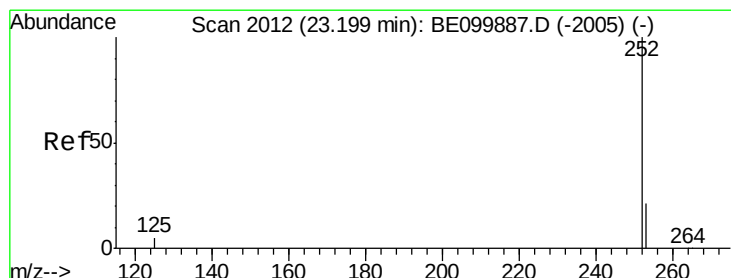
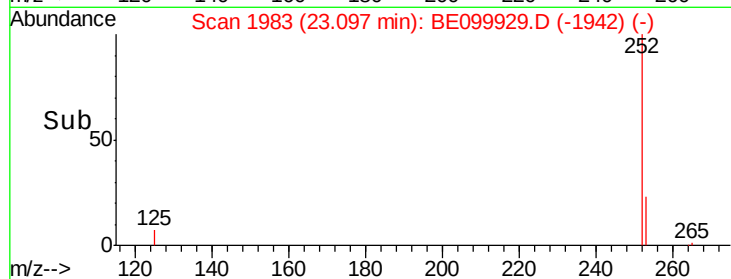
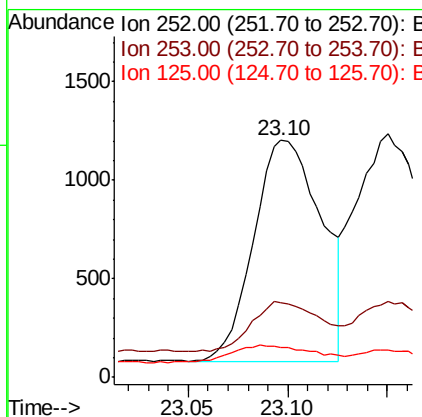
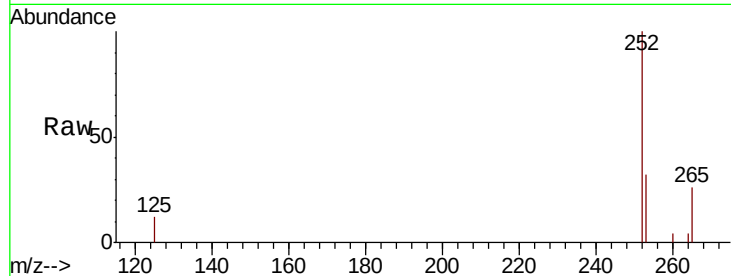
#35
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.7	28.1#
125	12.5	5.7	8.5#

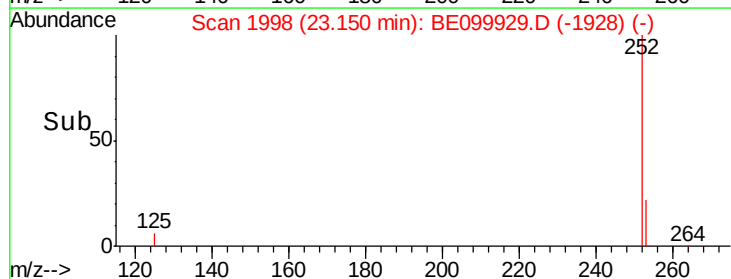
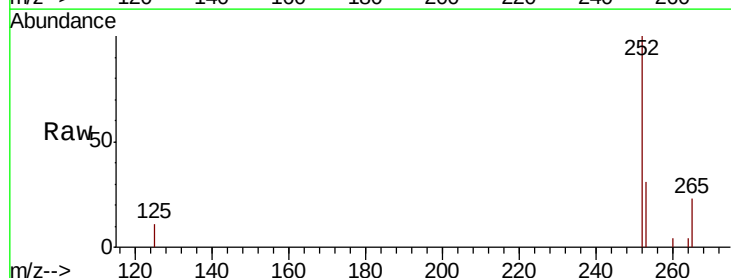
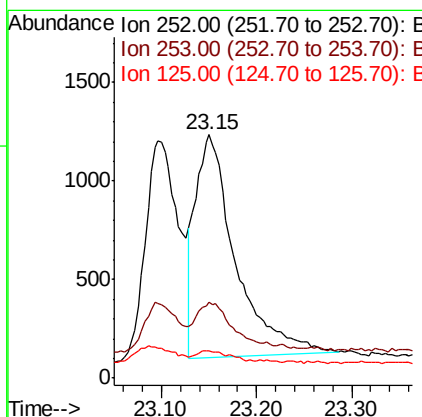
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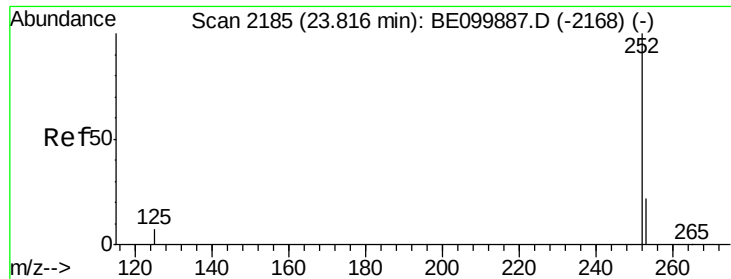
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#36
Benzo(k)fluoranthene
Concen: 0.124 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.05 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.0	18.6	28.0#
125	11.4	5.4	8.0#





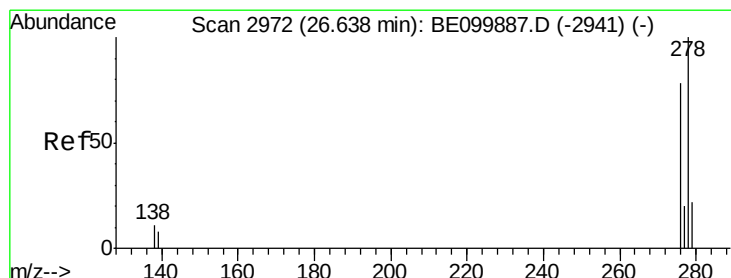
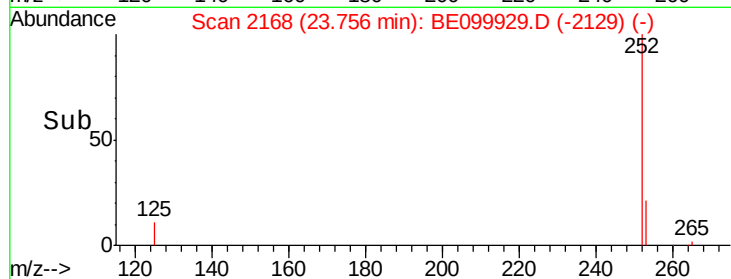
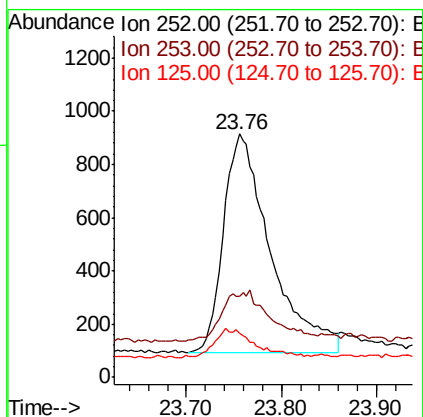
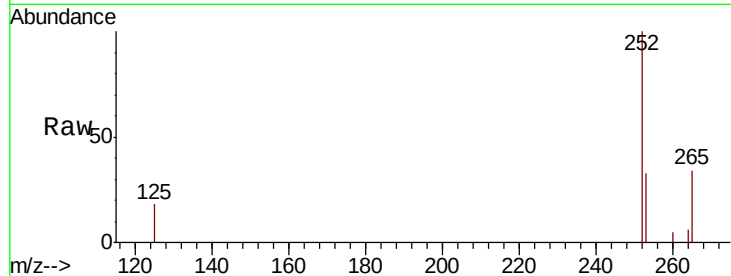
#37
Benzo(a)pyrene
Concen: 0.112 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	19.6	29.4#
125	18.3	6.6	10.0#

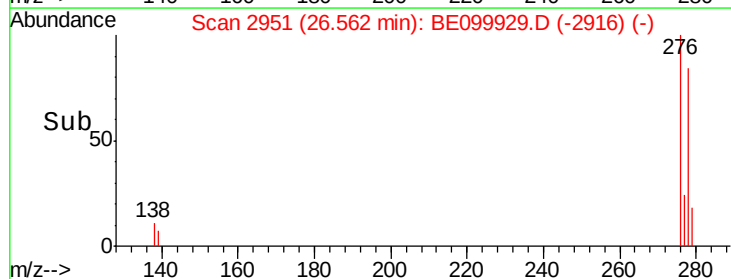
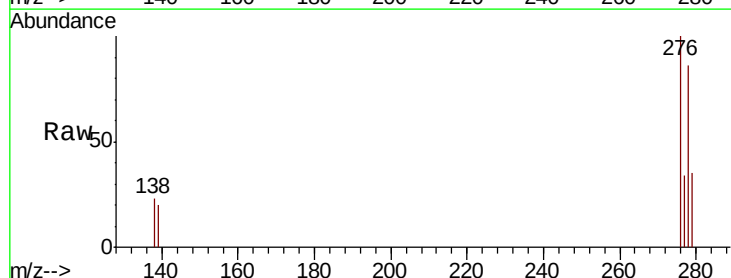
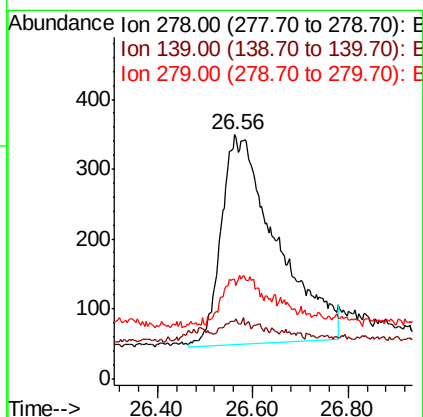
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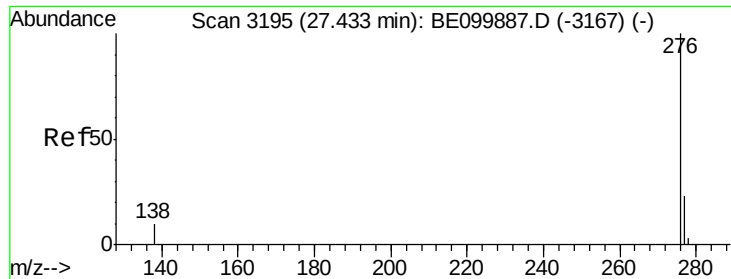
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#38
Dibenzo(a,h)anthracene
Concen: 0.095 ng m
RT: 26.56 min Scan# 2951
Delta R.T. -0.08 min
Lab File: BE099929.D
Acq: 11 Jun 2019 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	7.8	11.8#
279	40.7	20.0	30.0#





#39
 Benzo(a,h,i)perylene
 Concen: 0.109 ng
 RT: 27.34 min Scan# 3170
 Delta R.T. -0.09 min
 Lab File: BE099929.D
 Acq: 11 Jun 2019 18:09

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.1	19.5	29.3#
138	19.1	9.5	14.3#

Manual Integrations
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