

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101013.D
 Acq On : 9 Jan 2020 15:23
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
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Quant Time: Jan 10 14:20:26 2020

Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jan 09 16:04:28 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3262	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	14140	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8710	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	19239	0.40	ng	0.01
27) Chrysene-d12	21.28	240	13948	0.40	ng	0.00
34) Perylene-d12	23.70	264	15647	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.33	112	2637	0.36	ng	0.00
5) Phenol-d6	6.91	99	2792	0.30	ng	0.00
8) Nitrobenzene-d5	8.89	82	3020	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	8516	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	634	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12755	0.39	ng	0.00
25) Fluoranthene-d10	19.13	212	76005	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	15038	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	1290	0.155	ng	# 69
3) n-Nitrosodimethylamine	3.62	42	478	0.105	ng	# 58
6) bis(2-Chloroethyl)ether	7.16	93	730	0.066	ng	# 92
9) Naphthalene	10.55	128	13773	0.088	ng	# 96
10) Hexachlorobutadiene	10.85	225	607	0.091	ng	98
12) 2-Methylnaphthalene	12.18	142	2022	0.085	ng	94
16) Acenaphthylene	14.08	152	2523	0.071	ng	99
17) Acenaphthene	14.43	154	1982	0.078	ng	96
18) Fluorene	15.41	166	2464	0.077	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	726m	0.077	ng	
21) Hexachlorobenzene	16.41	284	892	0.087	ng	96
22) Pentachlorophenol	16.76	266	365	0.144	ng	93
23) Phenanthrene	17.13	178	4120	0.078	ng	99
24) Anthracene	17.24	178	3990	0.080	ng	97
26) Fluoranthene	19.16	202	5084	0.077	ng	98
28) Pyrene	19.52	202	4904	0.094	ng	99
30) Benzo(a)anthracene	21.27	228	2884m	0.072	ng	
31) Chrysene	21.32	228	5031	0.085	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	4987	0.075	ng	99
33) Indeno(1,2,3-cd)pyrene	26.26	276	3695	0.079	ng	# 68
35) Benzo(b)fluoranthene	22.96	252	2950	0.067	ng	# 85
36) Benzo(k)fluoranthene	23.01	252	5150m	0.081	ng	
37) Benzo(a)pyrene	23.59	252	2708	0.064	ng	# 77
38) Dibenzo(a,h)anthracene	26.27	278	2911m	0.075	ng	
39) Benzo(g,h,i)perylene	27.02	276	3571	0.074	ng	# 90

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

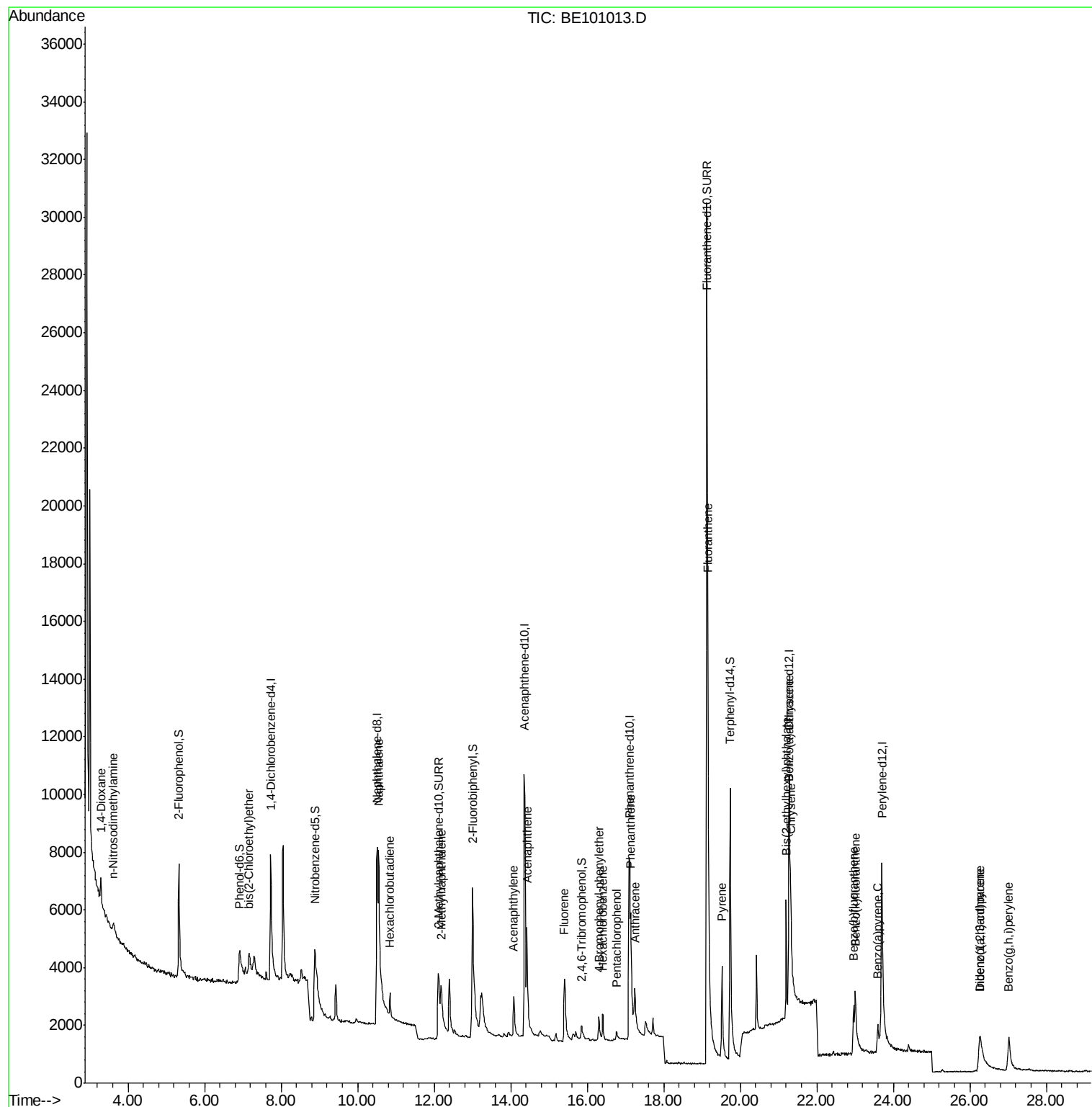
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101013.D
 Acq On : 9 Jan 2020 15:23
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

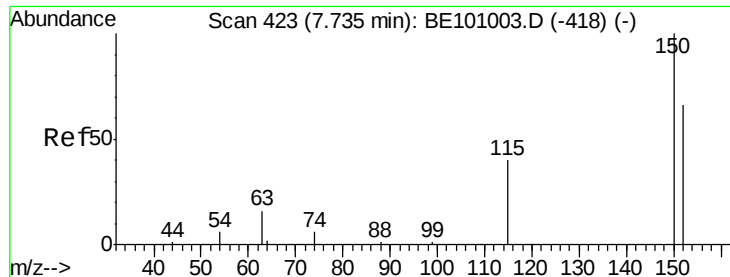
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

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Quant Time: Jan 10 14:20:26 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 09 16:04:28 2020
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:152 Resp: 3262

Ion Ratio Lower Upper

152 100

150 158.7 120.3 180.5

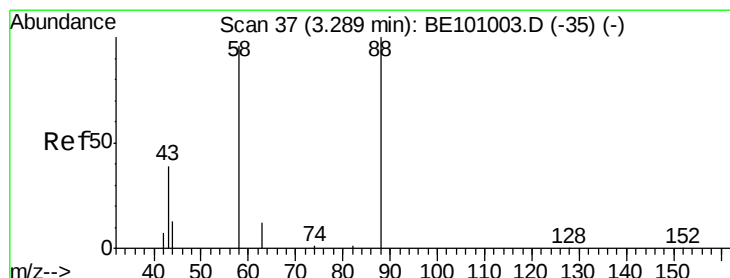
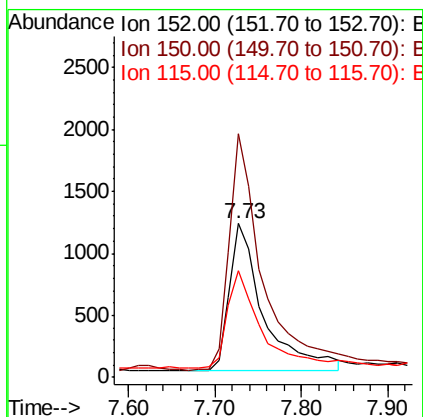
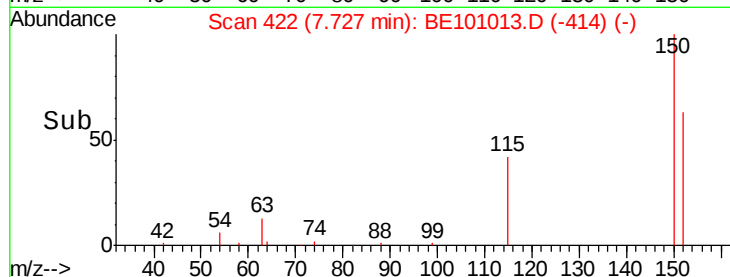
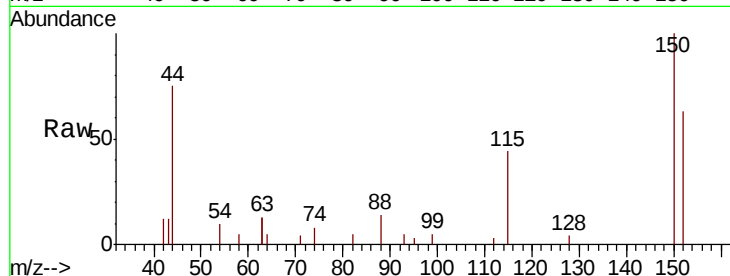
115 69.9 51.7 77.5

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#2

1,4-Dioxane

Concen: 0.155 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

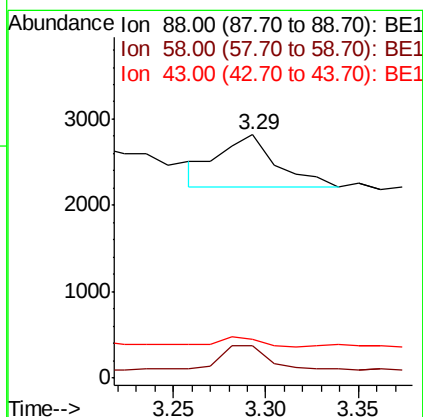
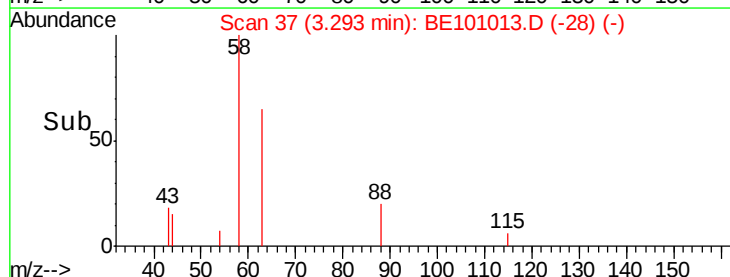
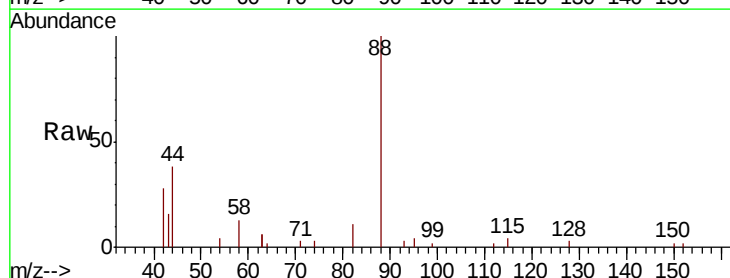
Tgt Ion: 88 Resp: 1290

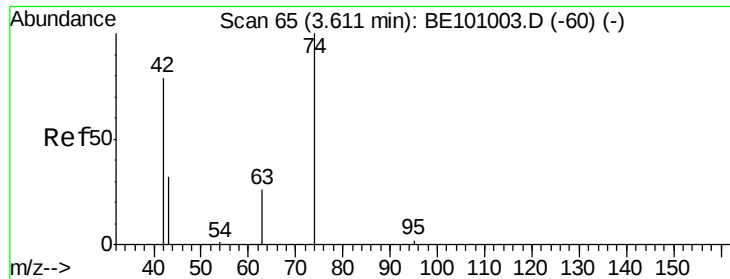
Ion Ratio Lower Upper

88 100

58 39.6 53.0 79.4#

43 15.0 23.4 35.2#





#3

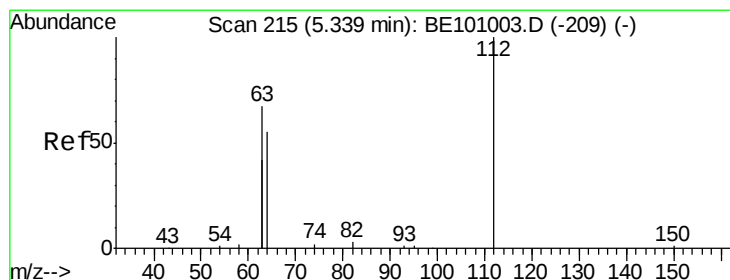
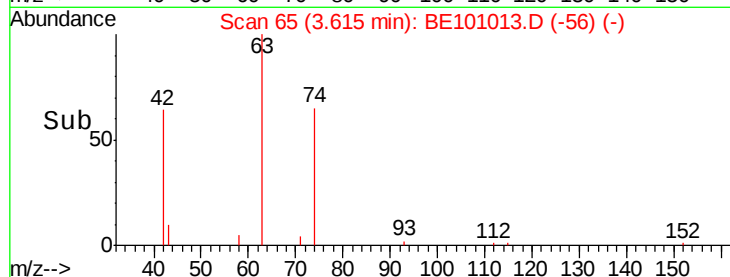
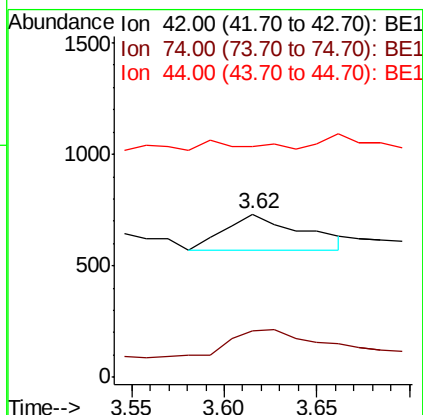
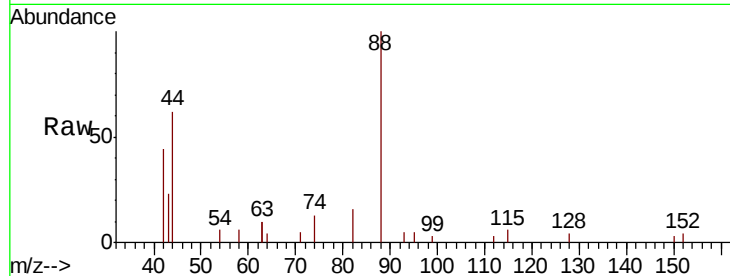
n-Nitrosodimethylamine
 Concen: 0.105 ng
 RT: 3.62 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
42	100		
74	81.2	105.7	158.5#
44	0.0	10.0	15.0#

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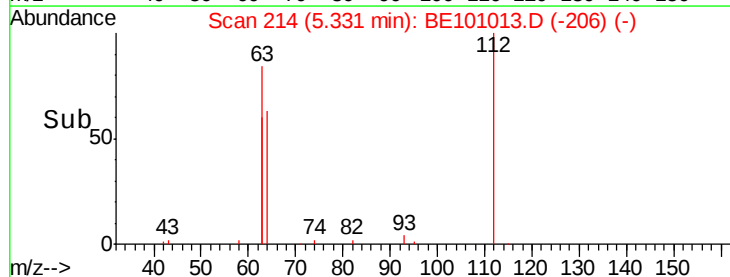
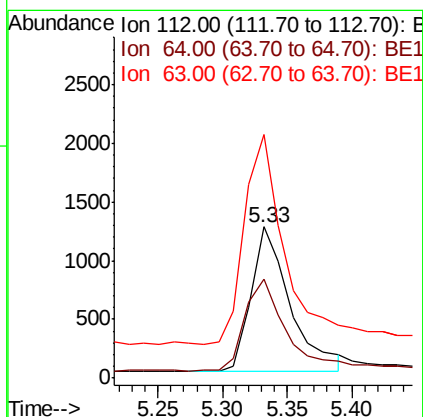
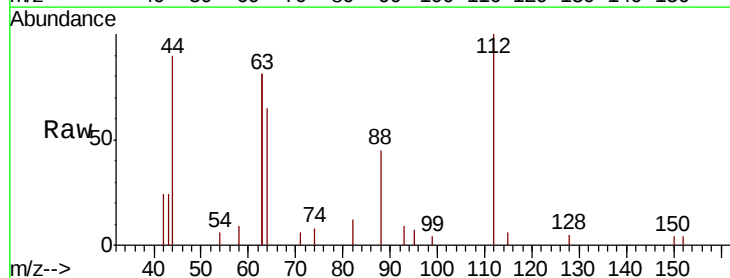
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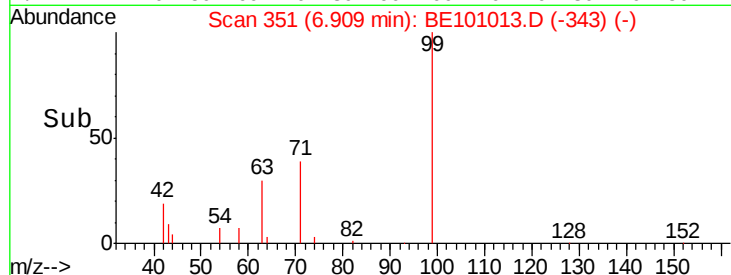
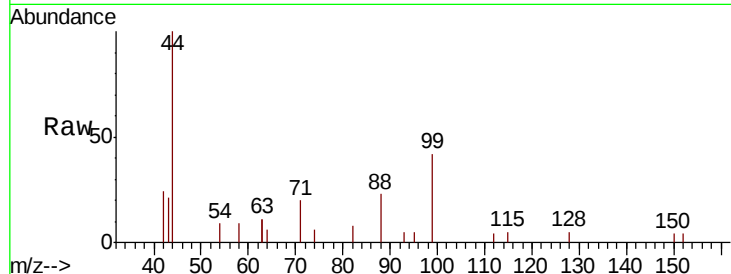
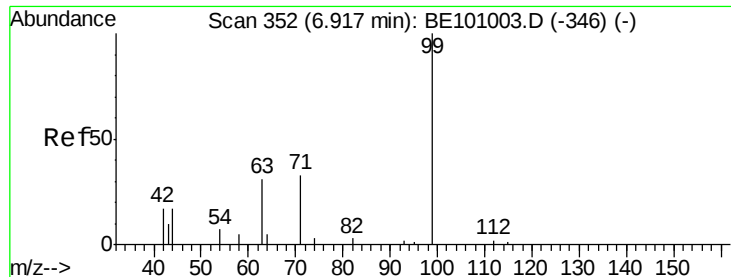


#4

2-Fluorophenol
 Concen: 0.359 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.6	80.4
63	146.9	114.6	172.0





#5

Phenol-d6

Concen: 0.301 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tot Ion:	99	Resp:	2792
Ion	Ratio	Lower	Upper
99	100		
42	16.8	18.3	27.5#
71	38.6	28.0	42.0

Instrument :

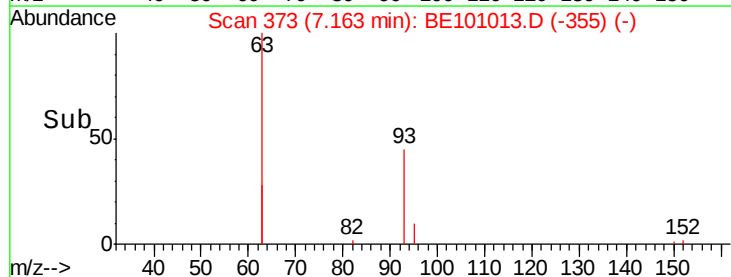
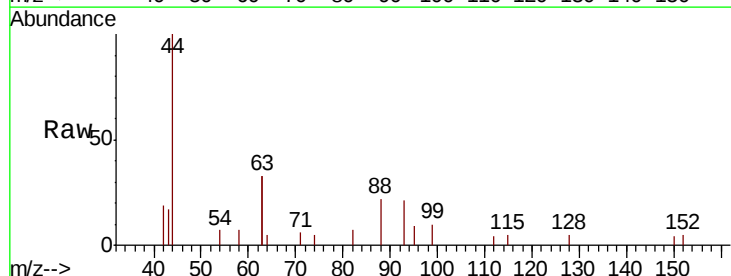
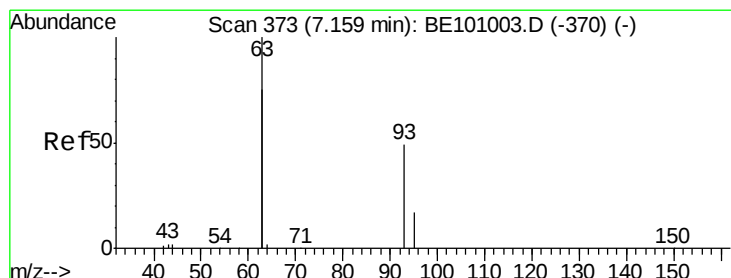
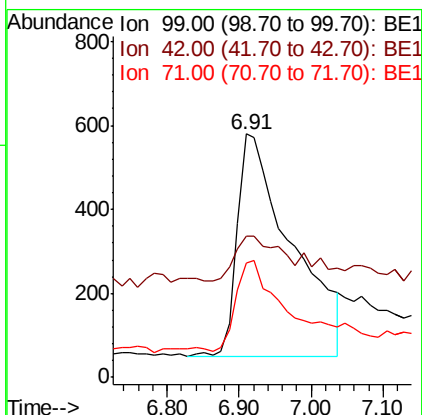
BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

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#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

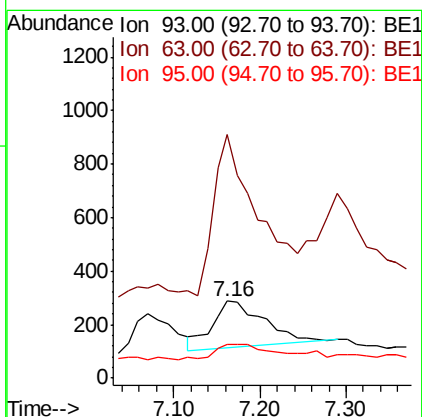
RT: 7.16 min Scan# 373

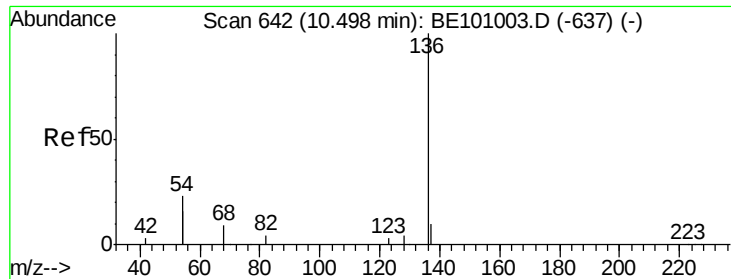
Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tgt Ion:	93	Resp:	730
Ion	Ratio	Lower	Upper
93	100		
63	287.0	233.9	350.9
95	0.0	23.5	35.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

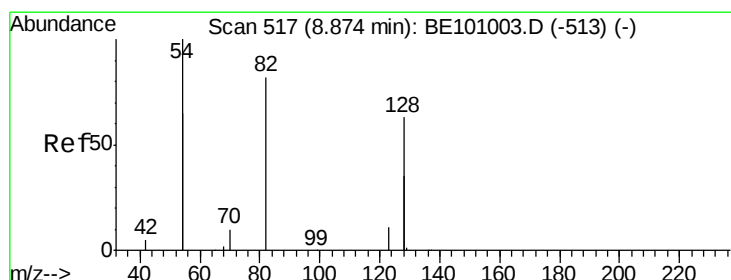
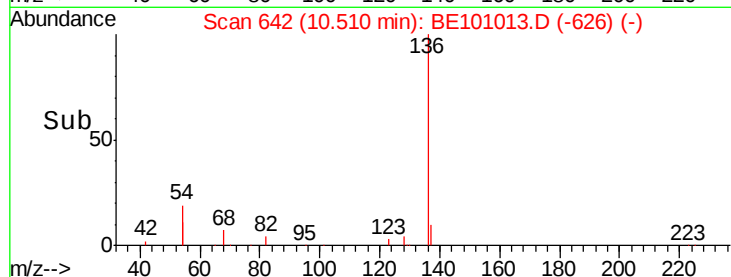
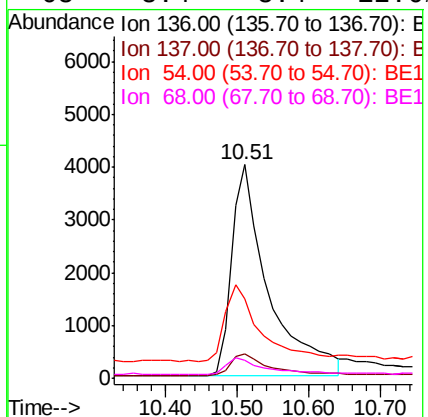
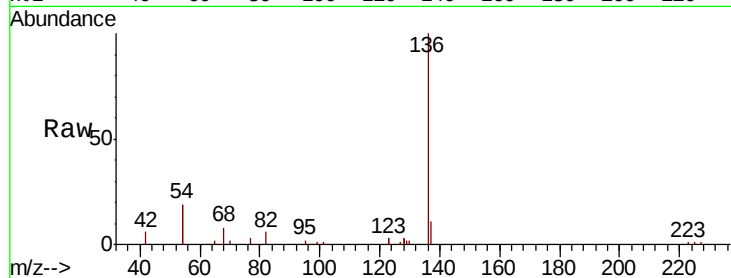
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	37.3	36.8	55.2
68	8.4	8.4	12.6

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#8

Nitrobenzene-d5

Concen: 0.299 ng

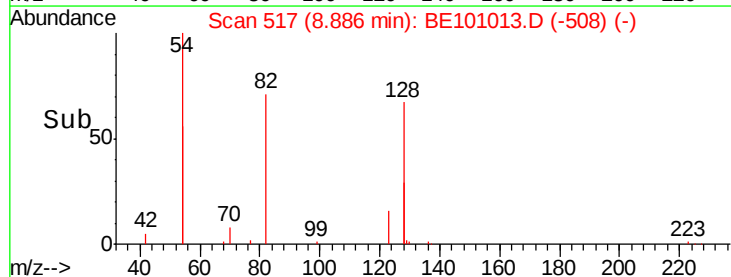
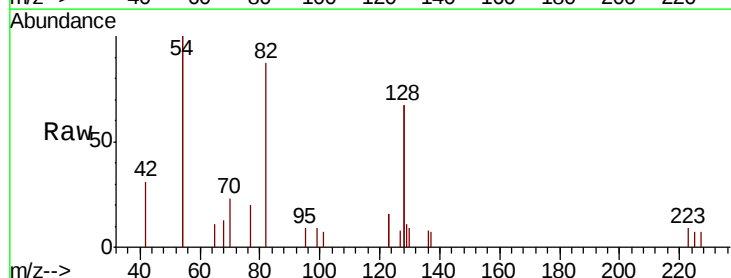
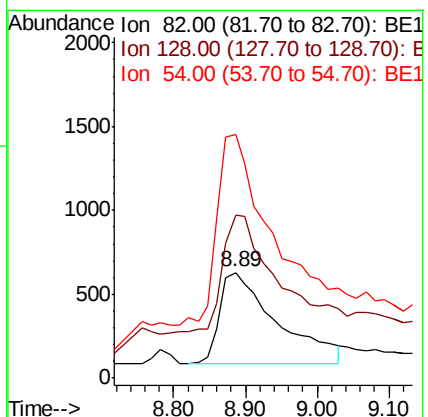
RT: 8.89 min Scan# 517

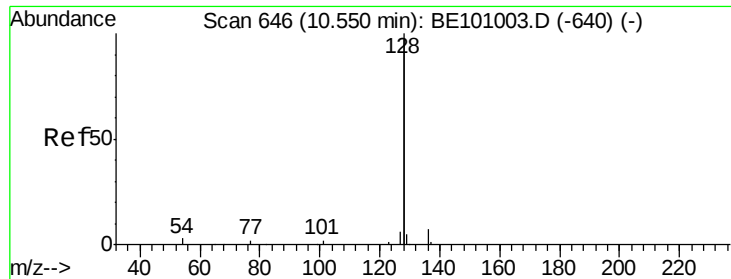
Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	154.6	109.8	164.6
54	230.5	174.5	261.7





#9

Naphthalene

Concen: 0.088 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

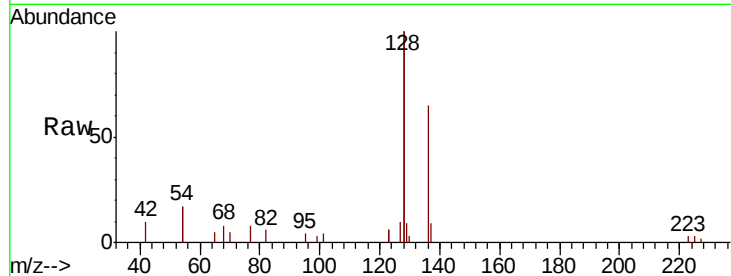
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

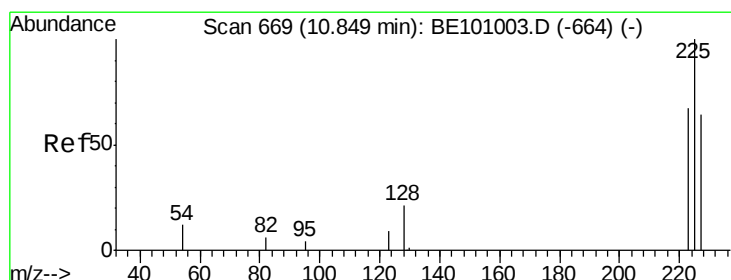
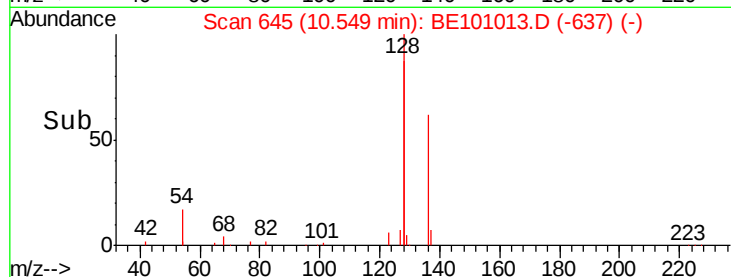
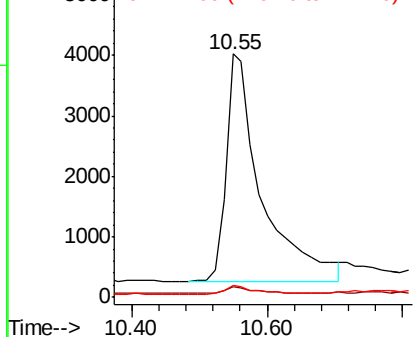
Tot Ion:	128	Resp:	13773
Ion Ratio	Lower	Upper	
128	100		
129	4.3	2.3	3.5#
127	4.8	2.7	4.1#

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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: 0.091 ng

RT: 10.85 min Scan# 668

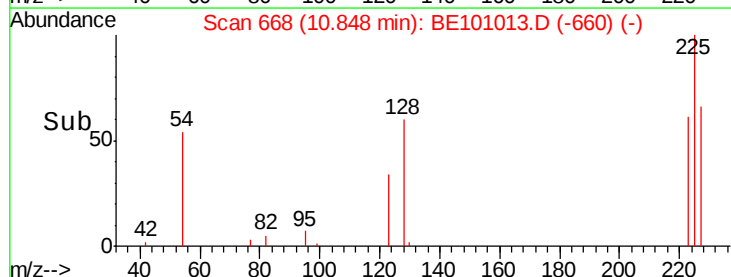
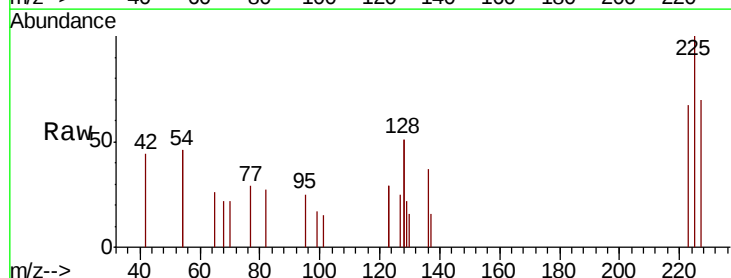
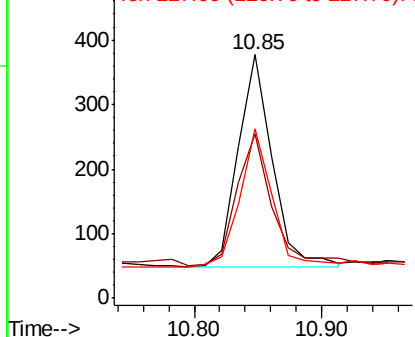
Delta R.T. -0.00 min

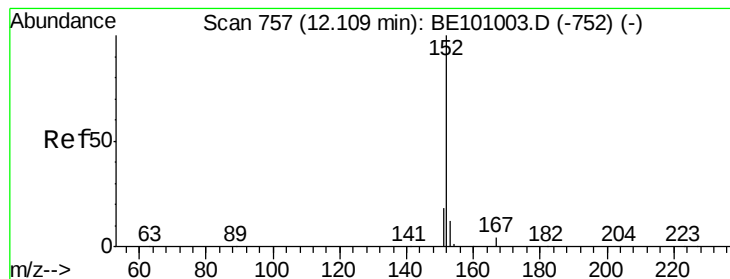
Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tgt Ion:	225	Resp:	607
Ion Ratio	Lower	Upper	
225	100		
223	63.1	52.2	78.4
227	62.9	49.9	74.9

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





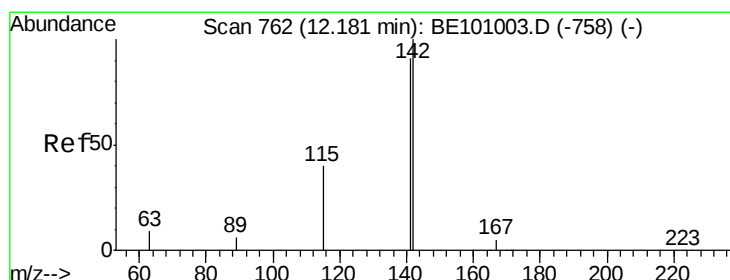
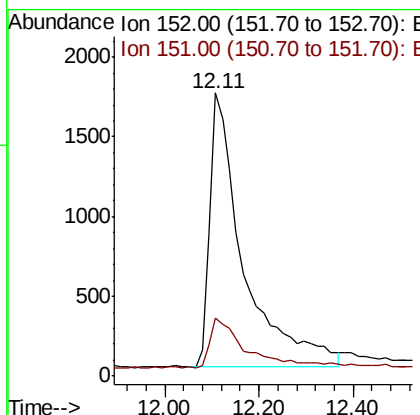
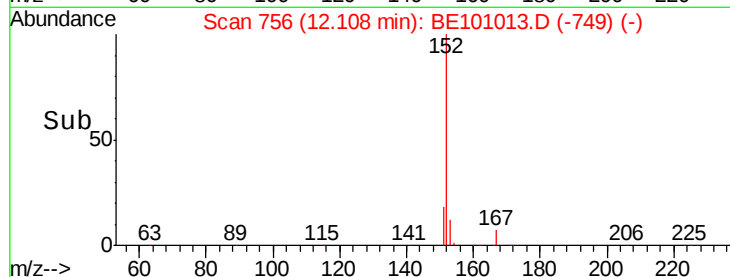
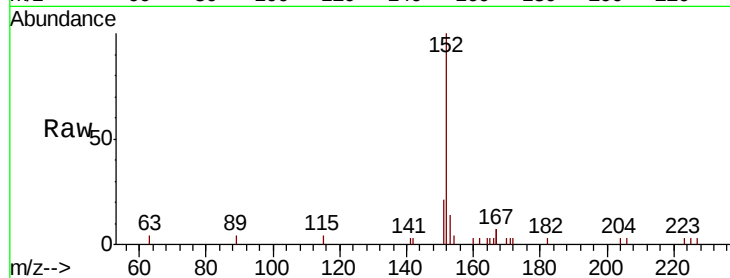
#11
 2-Methylnaphthalene-d10
 Concen: 0.316 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.0	22.6

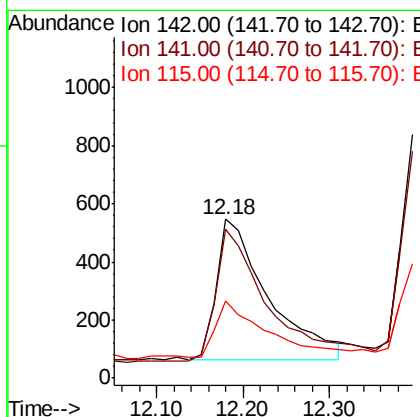
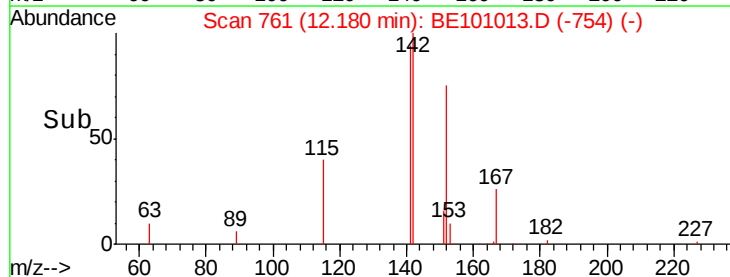
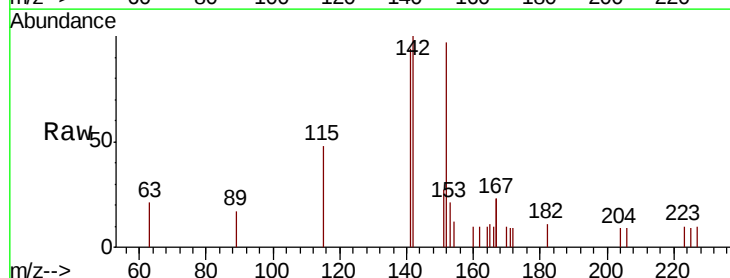
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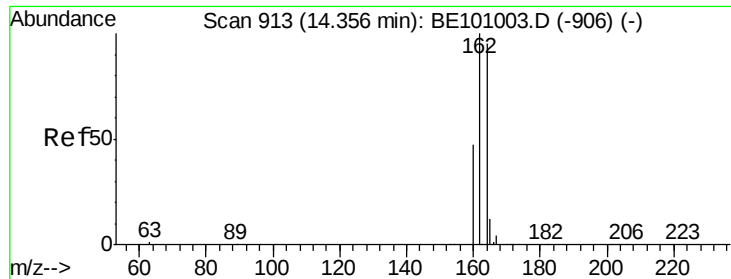
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#12
 2-Methylnaphthalene
 Concen: 0.085 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.5	108.7
115	48.4	33.0	49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

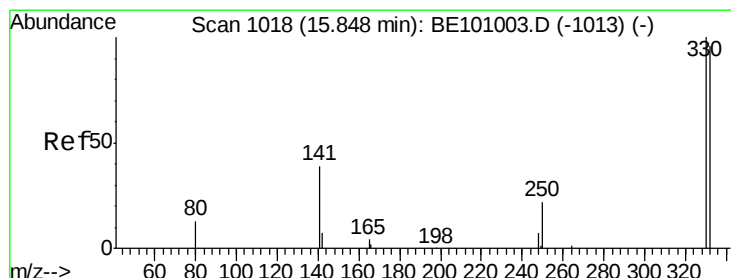
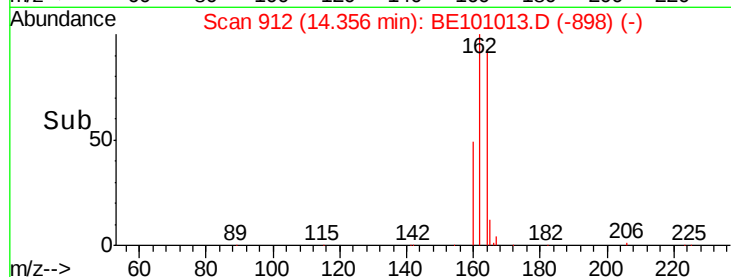
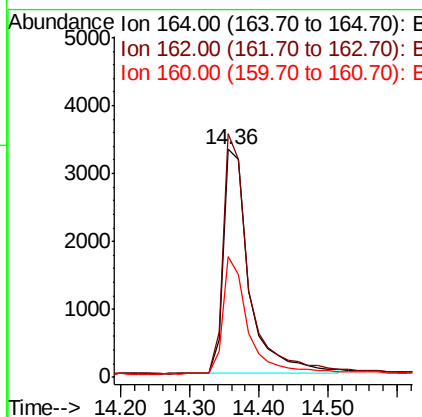
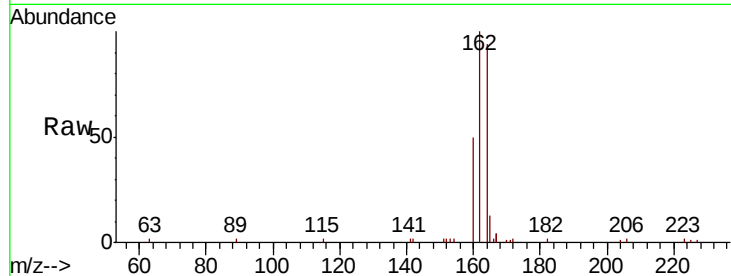
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	164	Resp:	8710
Ion	Ratio	Lower	Upper
164	100		
162	106.8	84.1	126.1
160	53.1	40.4	60.6

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#14

2,4,6-Tribromophenol

Concen: 0.258 ng

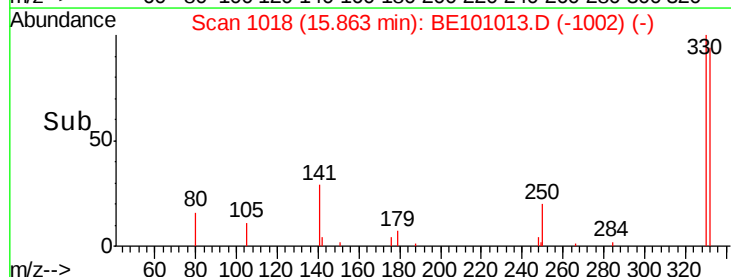
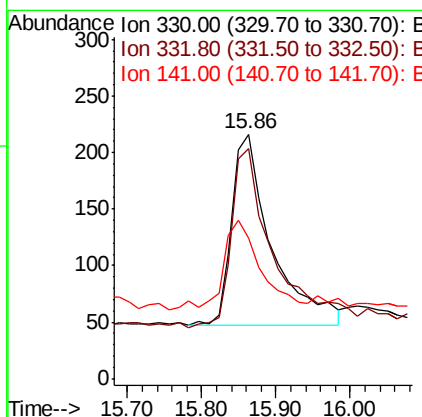
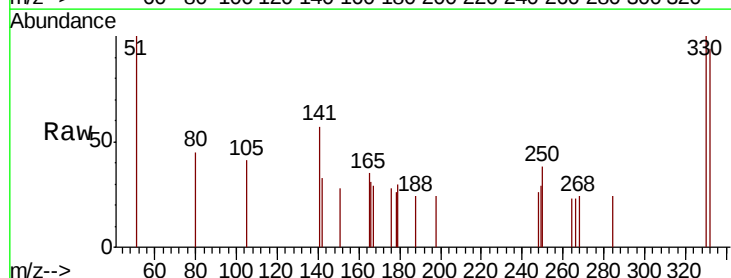
RT: 15.86 min Scan# 1018

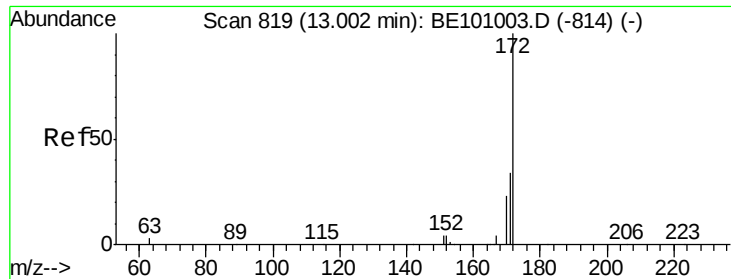
Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tgt Ion:	330	Resp:	634
Ion	Ratio	Lower	Upper
330	100		
332	100.8	78.4	117.6
141	43.7	37.0	55.4





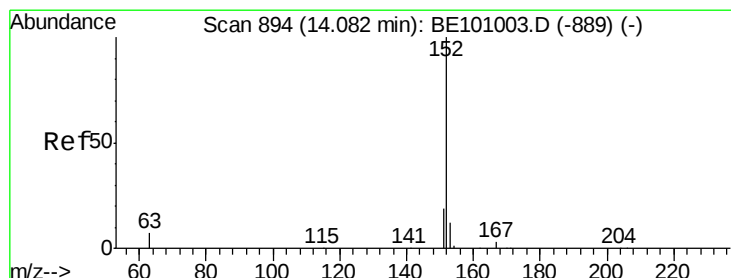
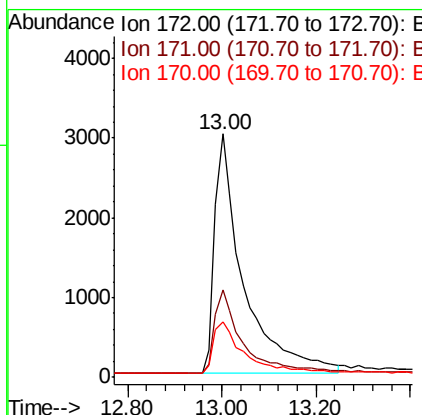
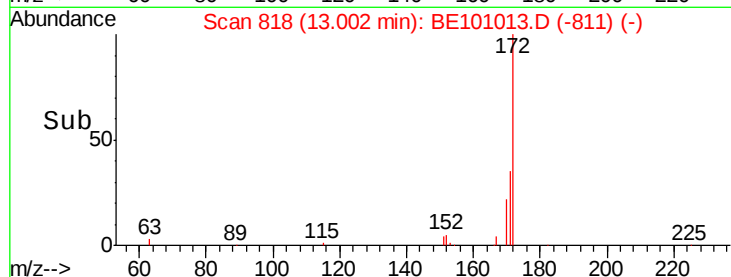
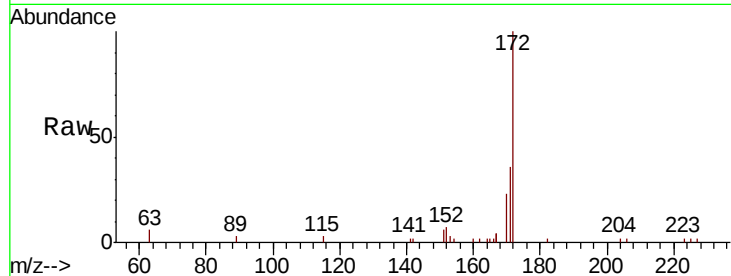
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	22.8	18.9	28.3

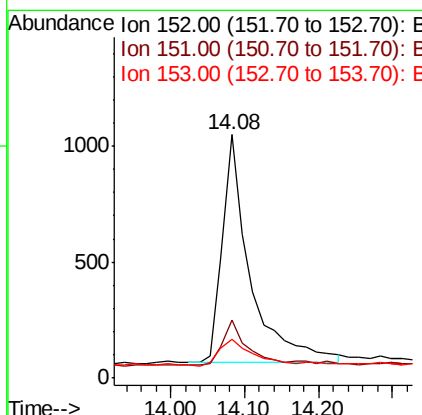
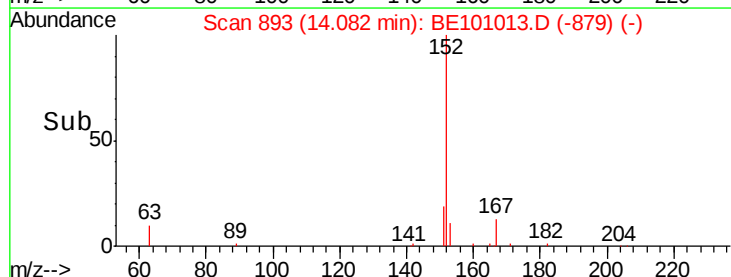
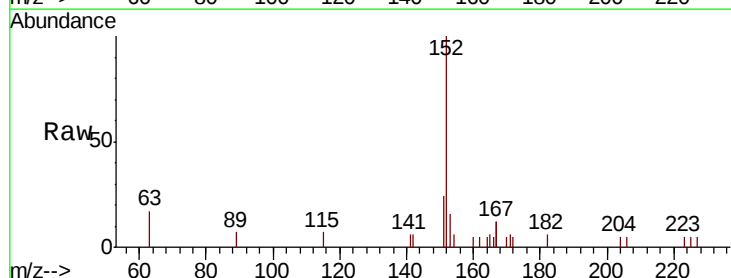
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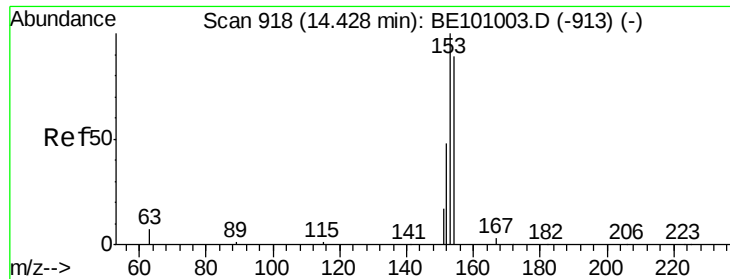
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#16
Acenaphthylene
Concen: 0.071 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.7	10.4	15.6





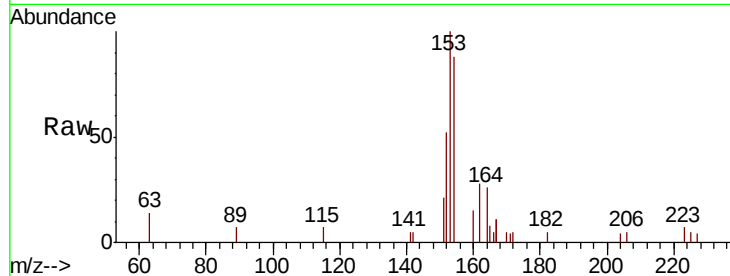
#17
Acenaphthene
Concen: 0.078 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	120.7	93.6	140.4
152	62.1	46.3	69.5

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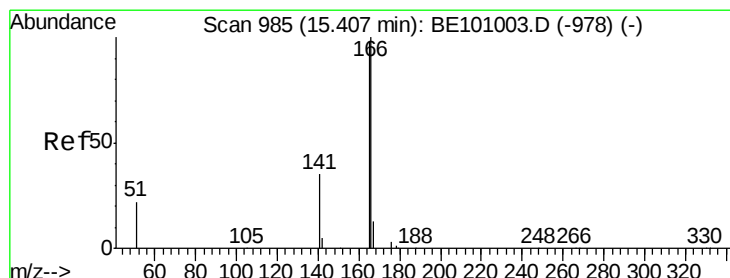
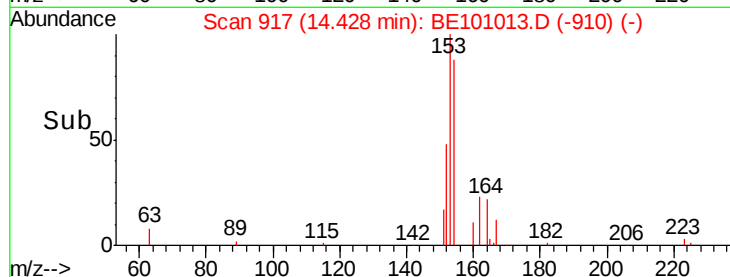
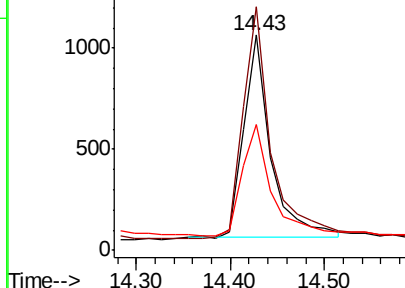


Abundance

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



#18
Fluorene
Concen: 0.077 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

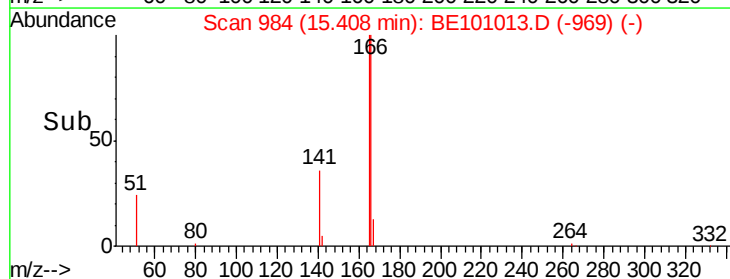
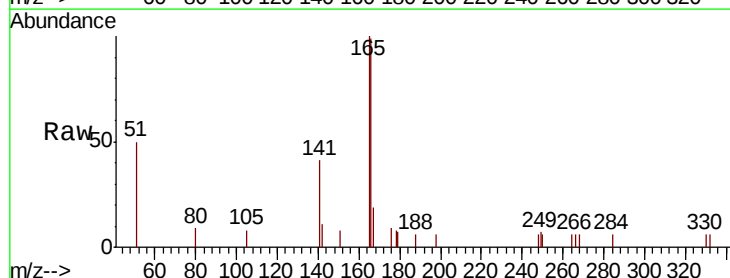
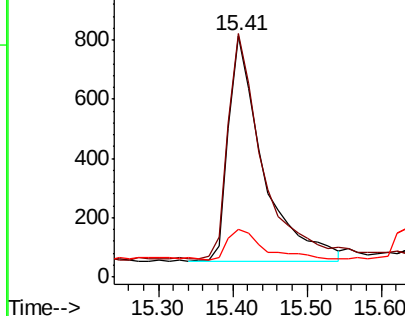
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.0	11.0	16.6

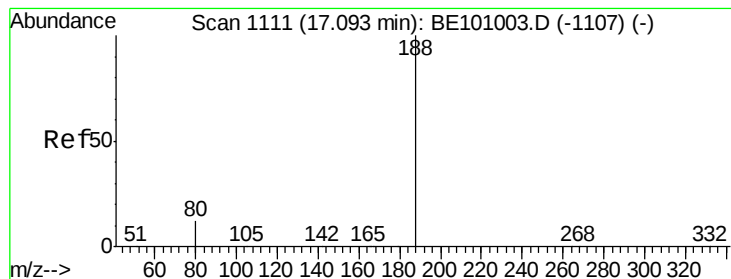
Abundance

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

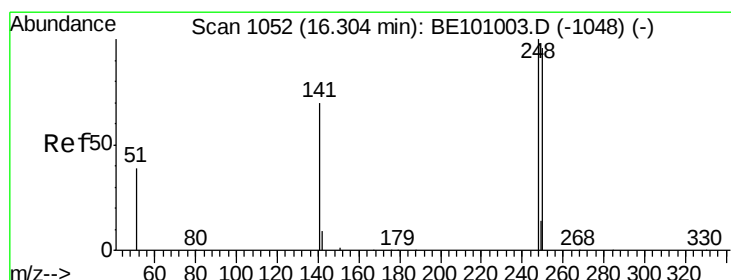
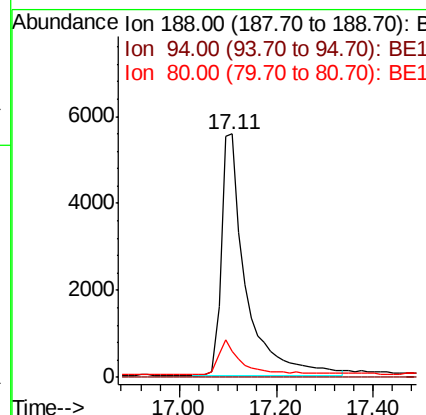
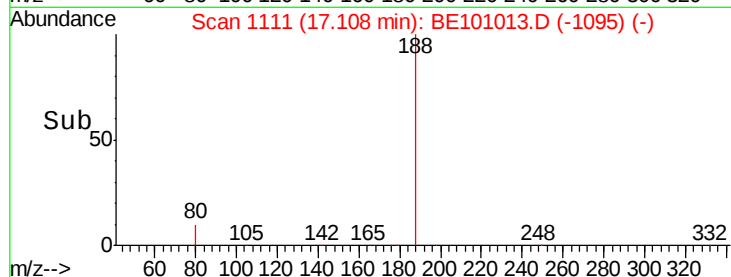
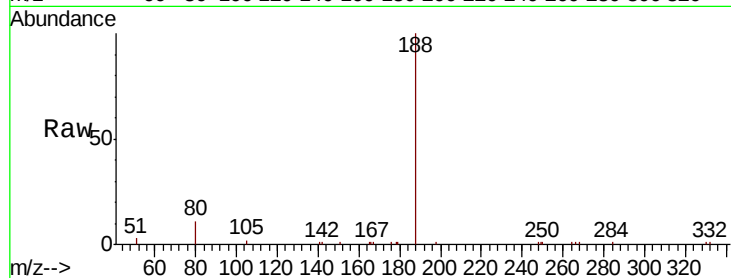
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	188	Resp:	19239
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.7	10.8	16.2#

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#20

4-Bromophenyl-phenylether

Concen: 0.077 ng m

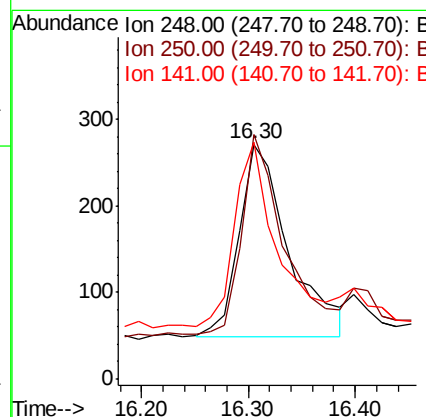
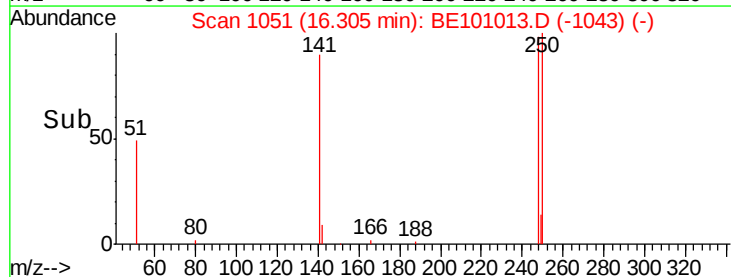
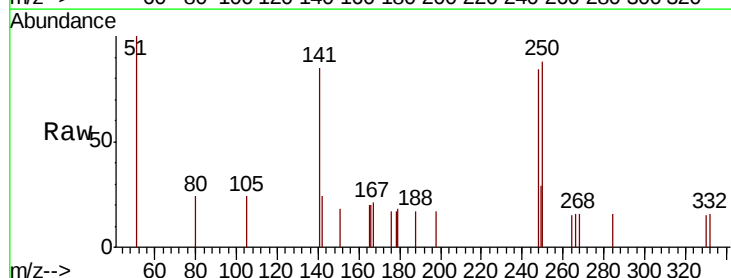
RT: 16.30 min Scan# 1051

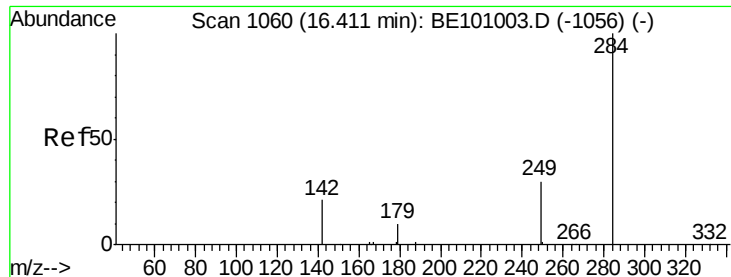
Delta R.T. 0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Tgt Ion:	248	Resp:	726
Ion Ratio	Lower	Upper	
248	100		
250	104.1	76.6	115.0
141	100.7	57.7	86.5#





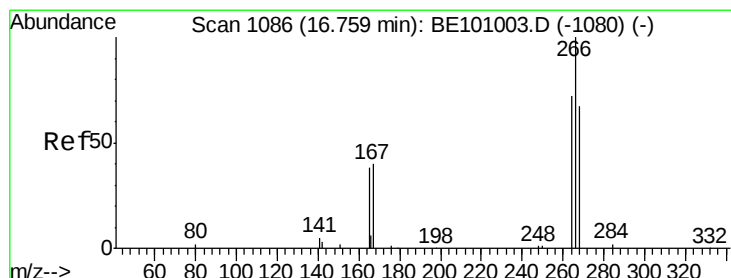
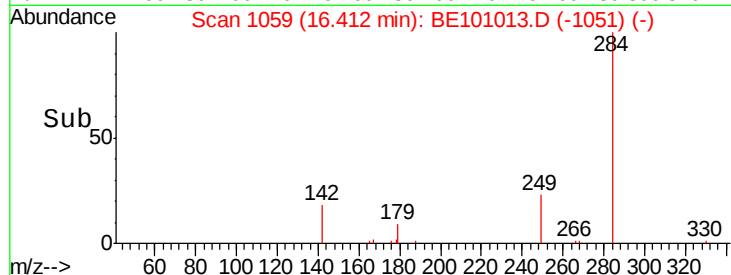
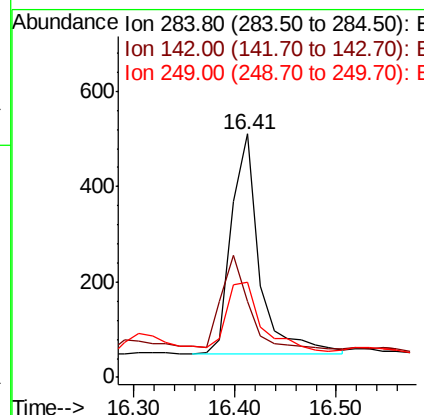
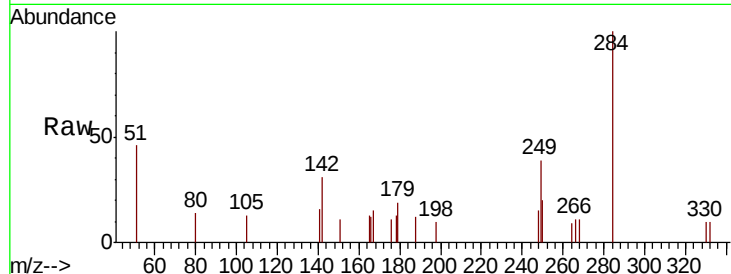
#21
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.4	34.0	51.0
249	39.3	28.2	42.4

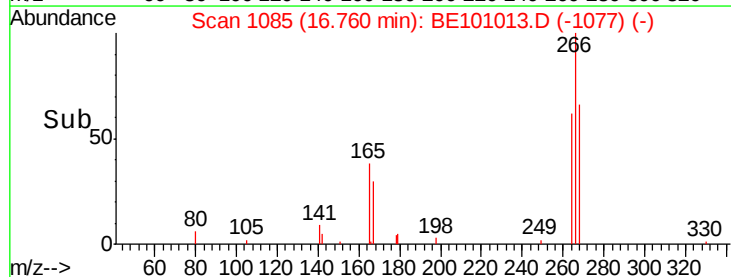
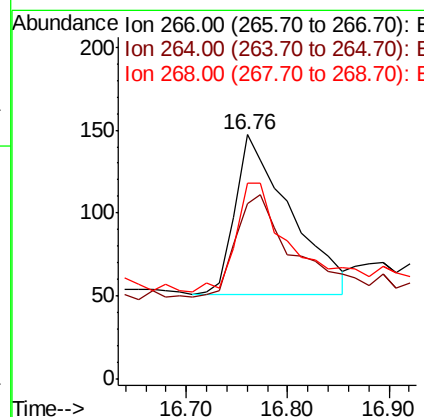
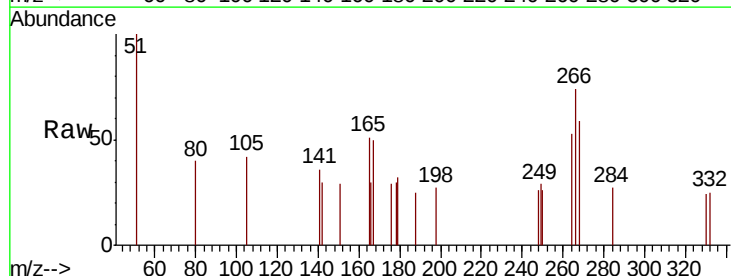
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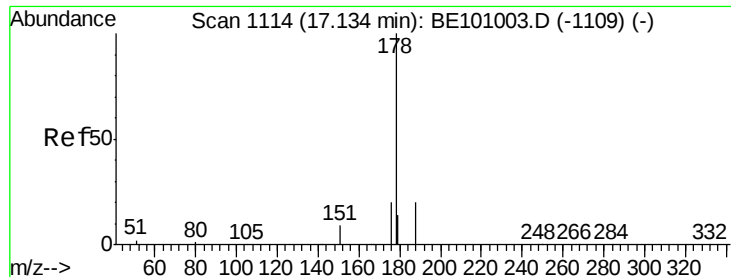
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#22
Pentachlorophenol
Concen: 0.144 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	72.1	61.0	91.4
268	80.3	58.5	87.7





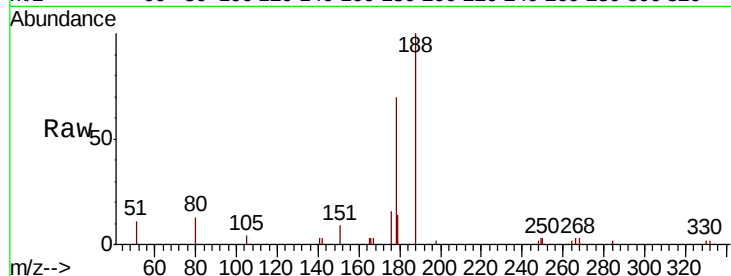
#23
Phenanthrene
Concen: 0.078 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.0	12.0	18.0

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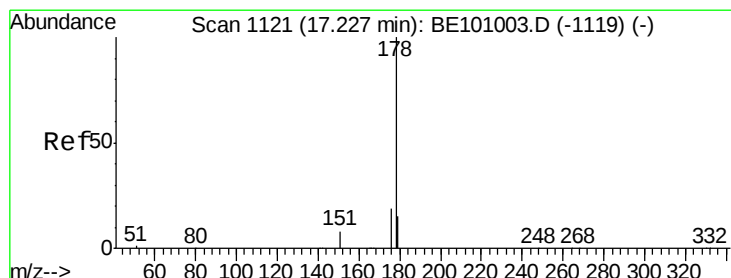
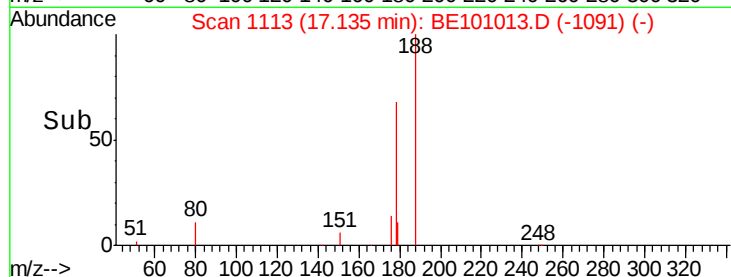
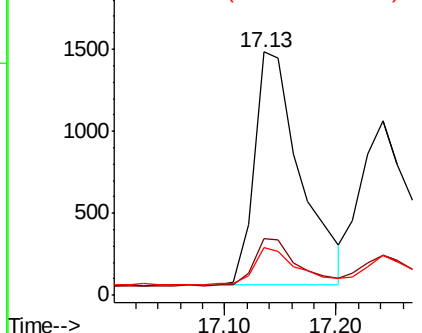


Abundance

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: 0.080 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

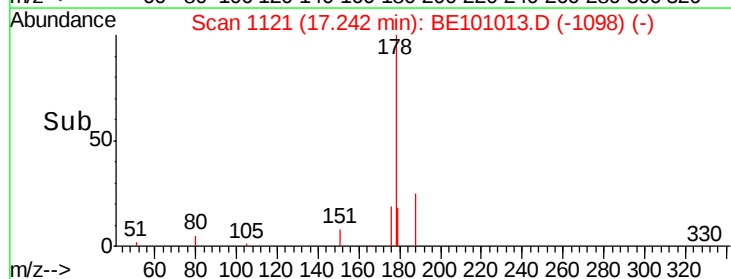
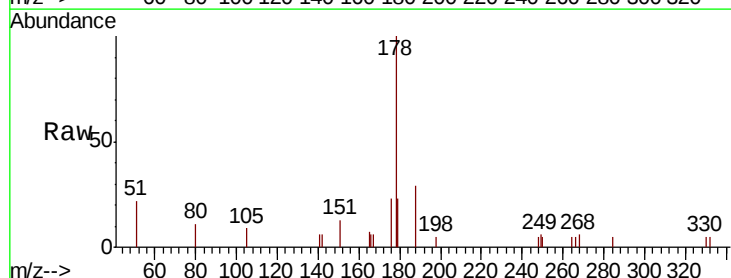
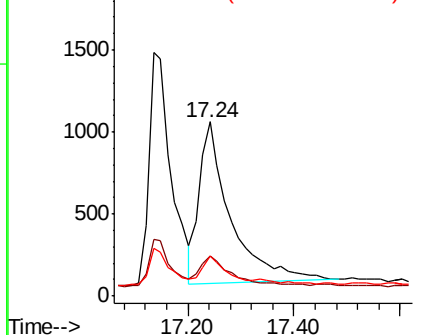
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.8	22.2
179	16.9	12.4	18.6

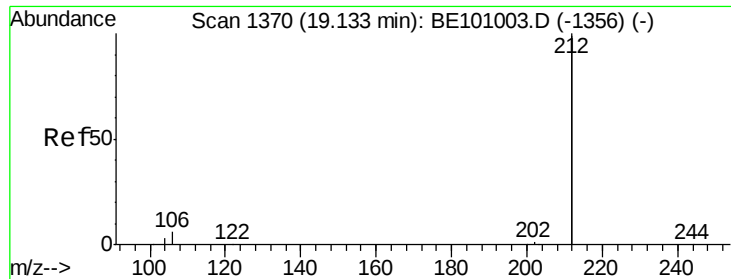
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE101013.D

Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

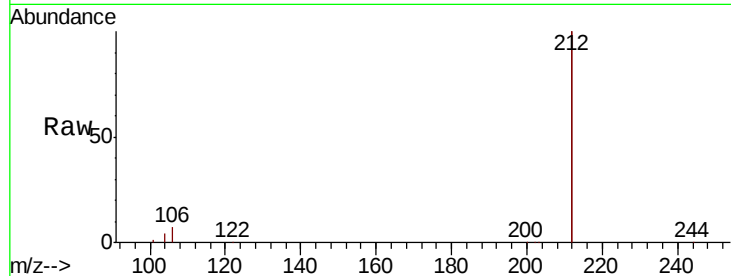
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

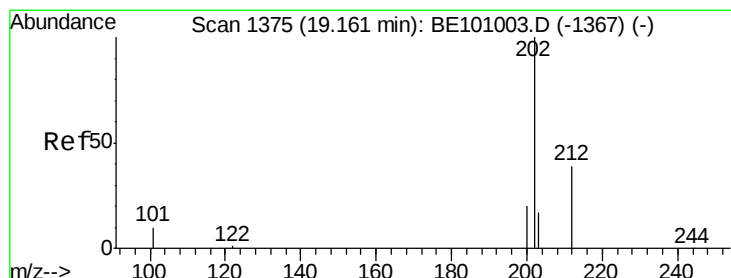
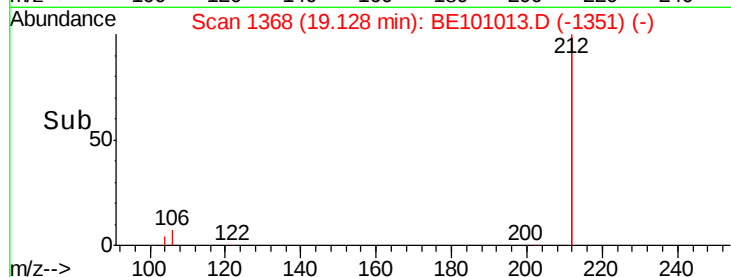
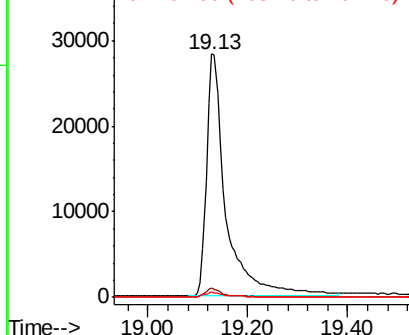
Tot Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.8	1.4	2.0

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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: 0.077 ng

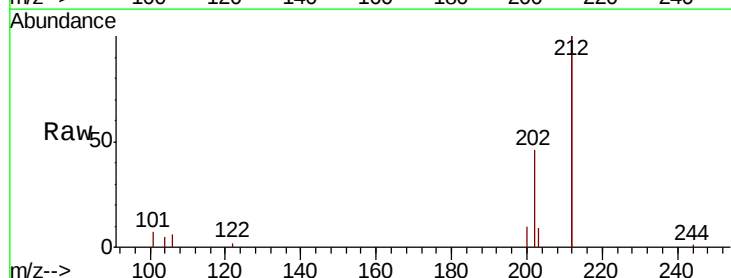
RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

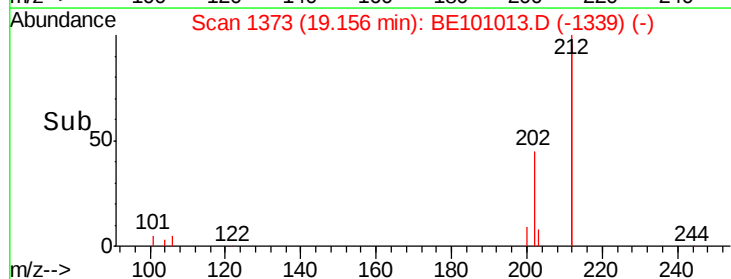
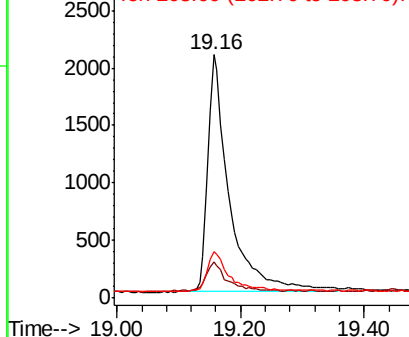
Lab File: BE101013.D

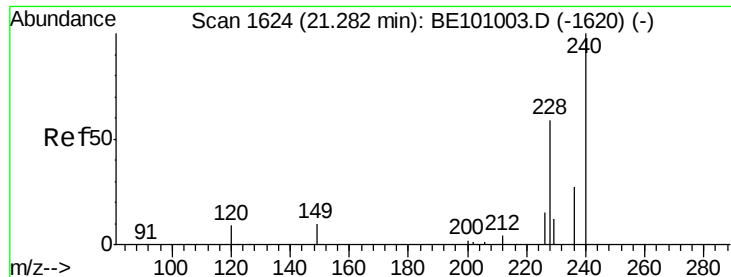
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	16.3	13.8	20.6



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





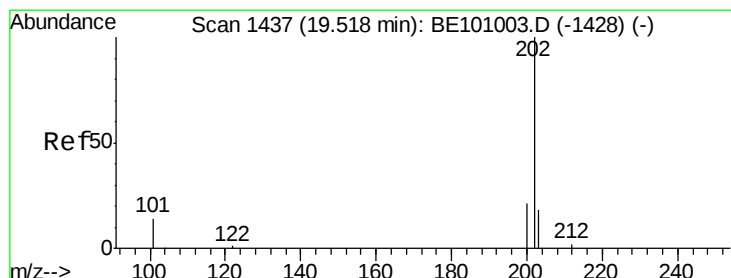
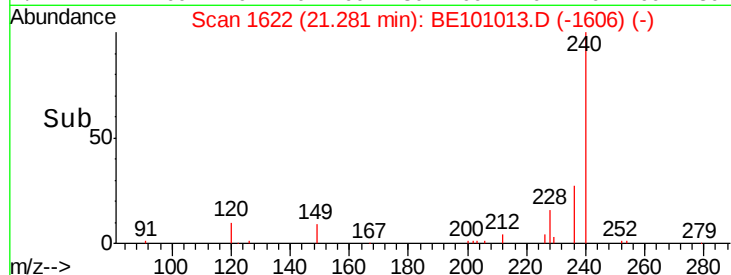
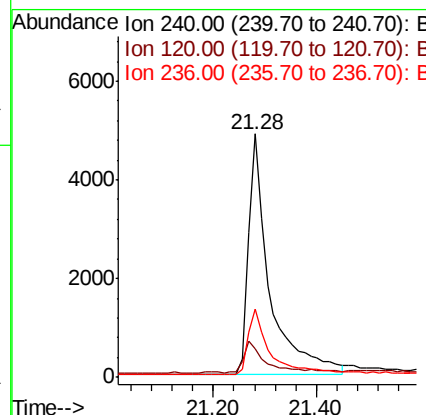
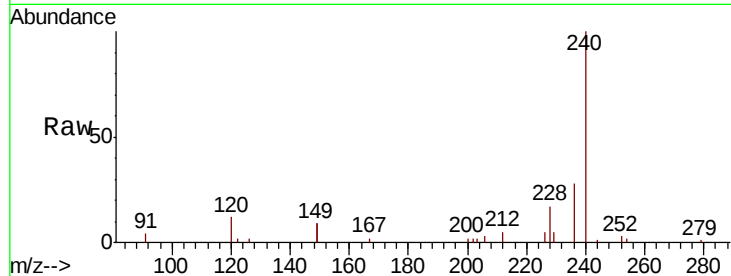
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	11.8	8.6	13.0	
236	28.3	22.2	33.4	

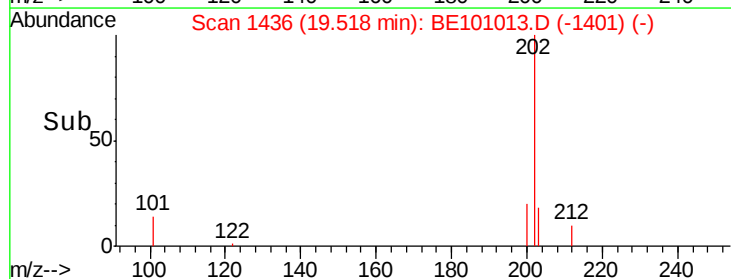
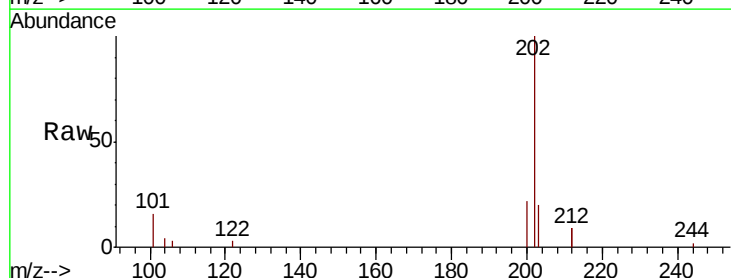
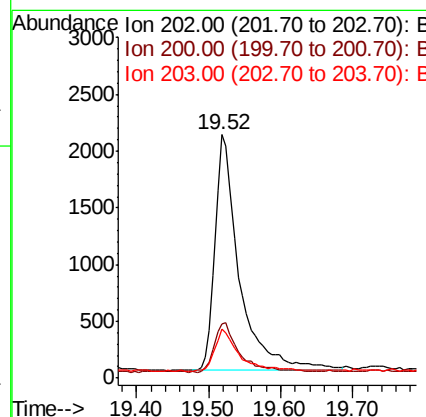
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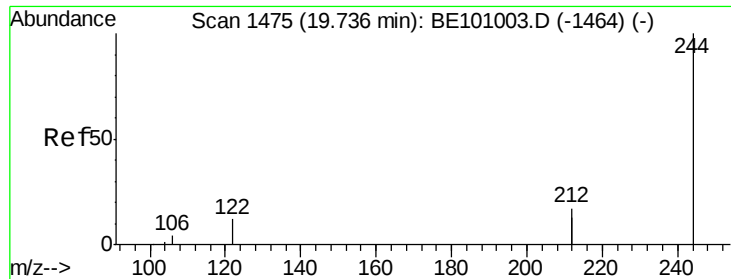
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#28
 Pyrene
 Concen: 0.094 ng
 RT: 19.52 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.6	17.0	25.4	
203	17.7	13.8	20.6	





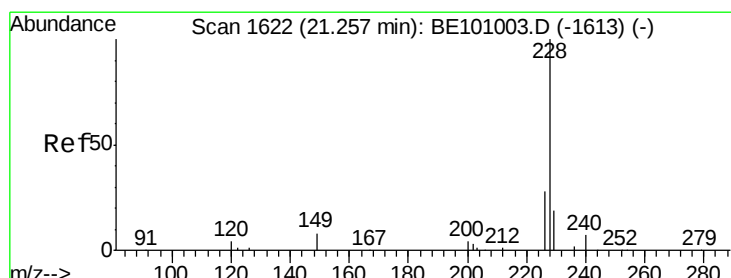
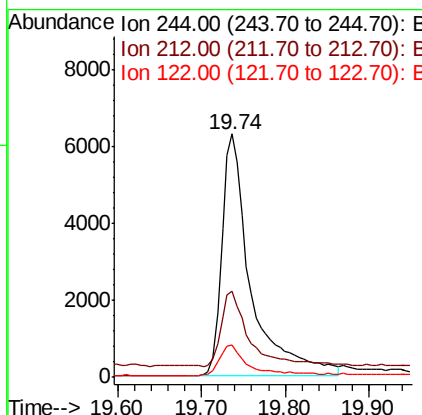
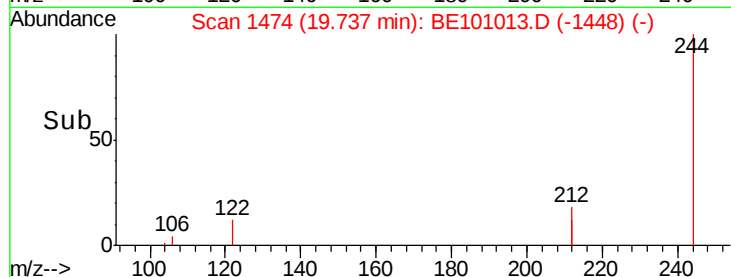
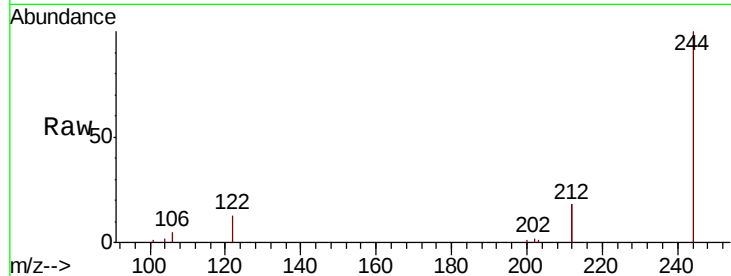
#29
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	35.1	27.2	40.8
122	13.1	9.8	14.8

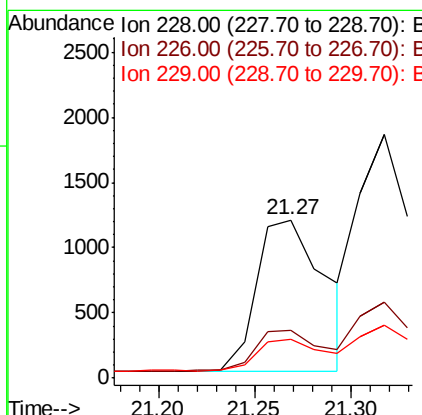
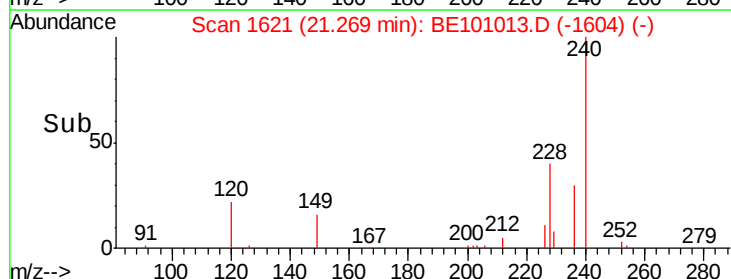
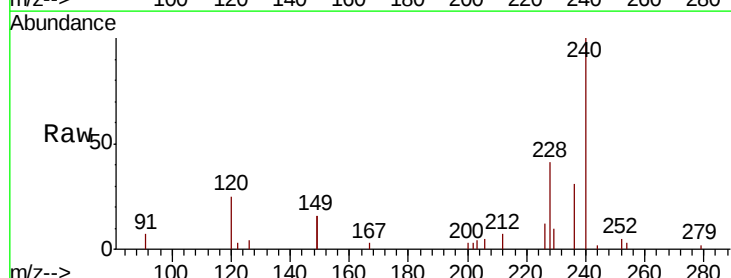
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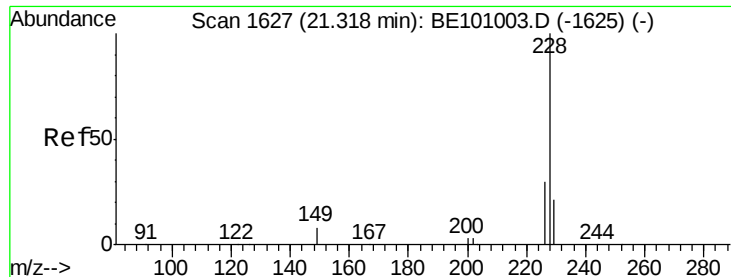
mohammad
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#30
 Benzo(a)anthracene
 Concen: 0.072 ng m
 RT: 21.27 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BE101013.D
 Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	24.5	15.5	23.3





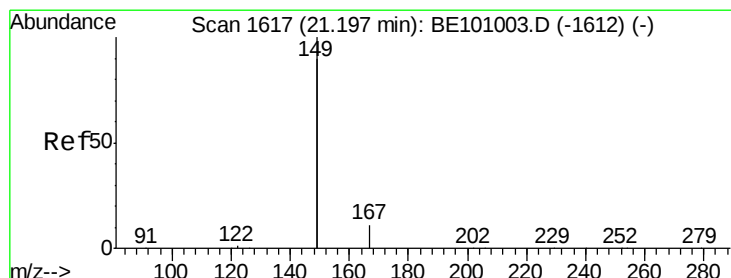
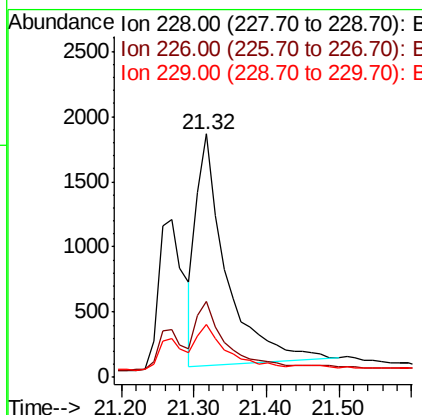
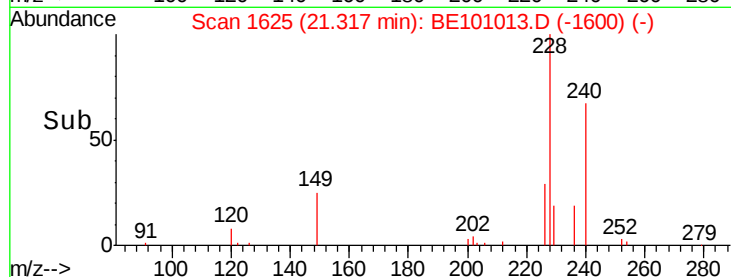
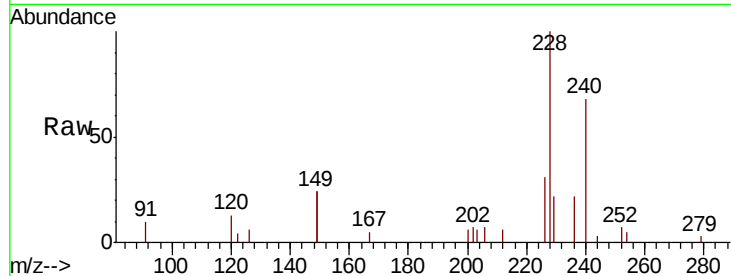
#31
Chrysene
Concen: 0.085 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.5	35.3
229	21.9	16.7	25.1

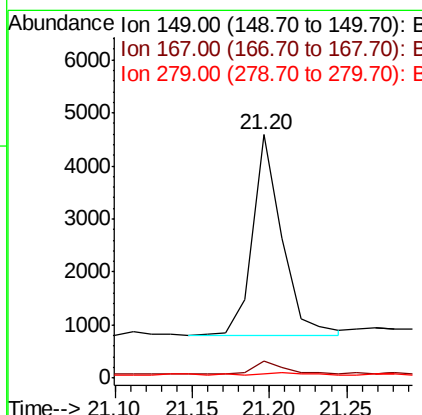
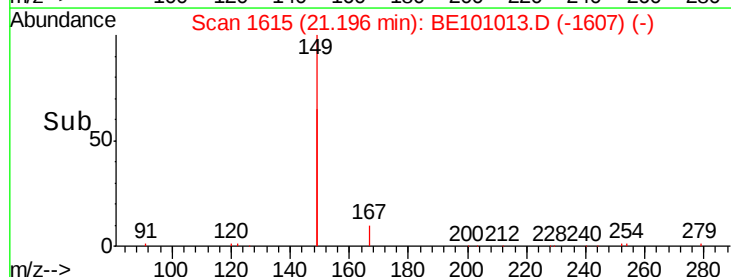
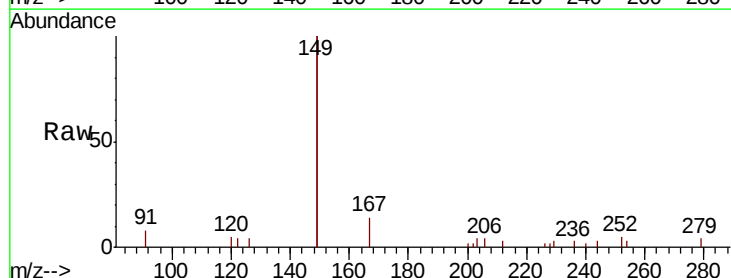
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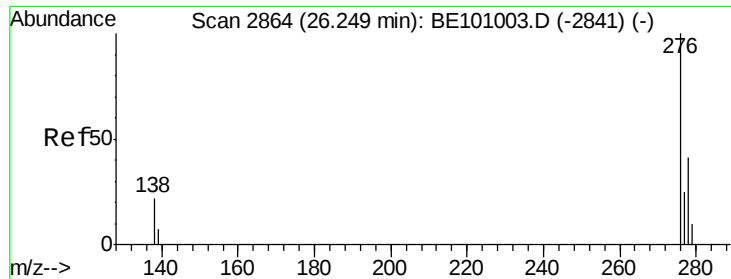
mohammad
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	1.0	0.8	1.2





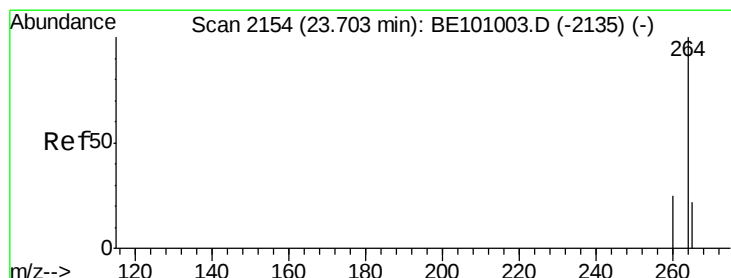
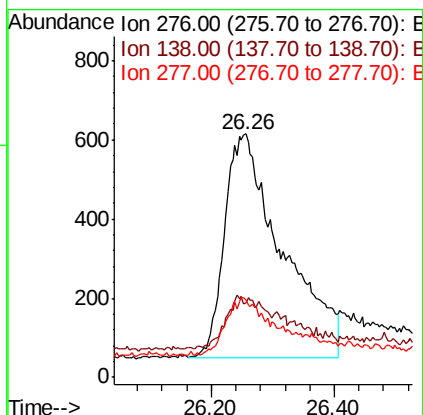
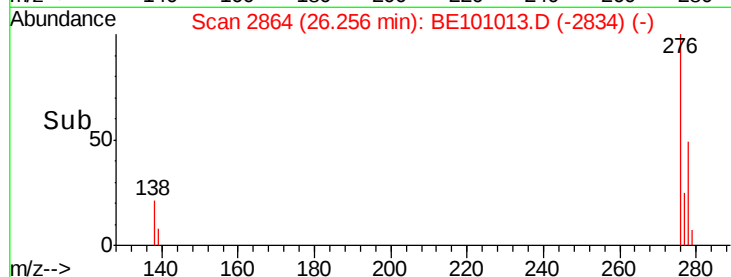
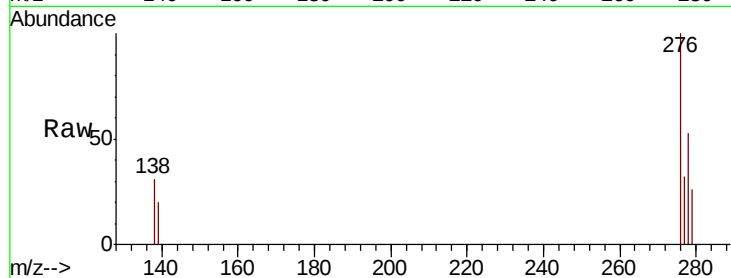
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng
RT: 26.26 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.8	16.1	24.1#
277	5.6	18.1	27.1#

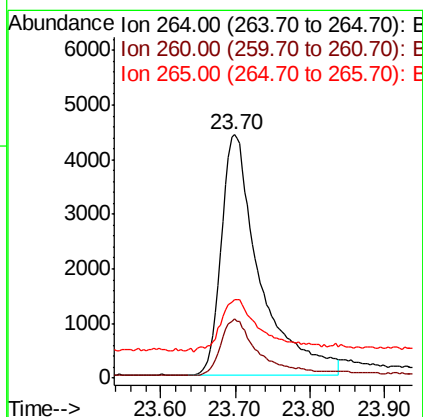
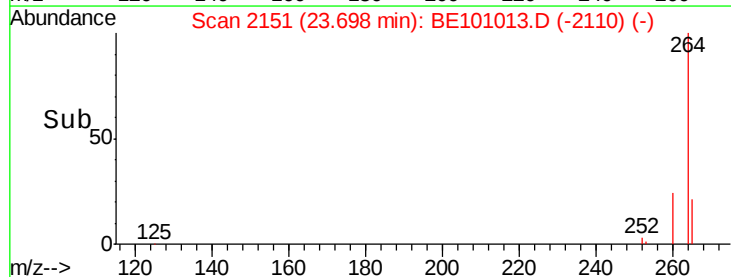
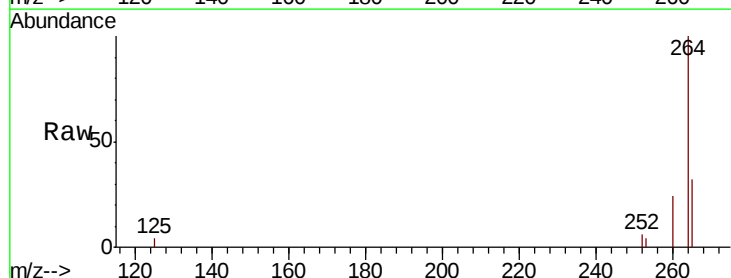
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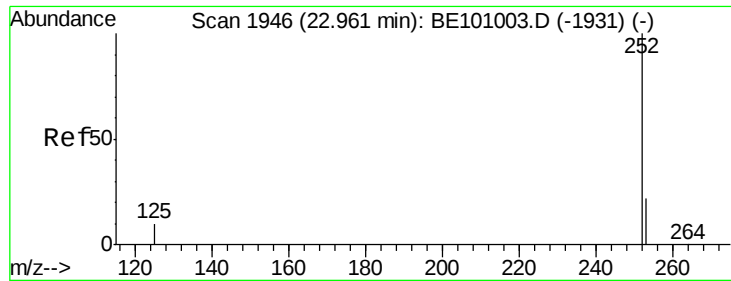
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	32.1	27.0	40.4





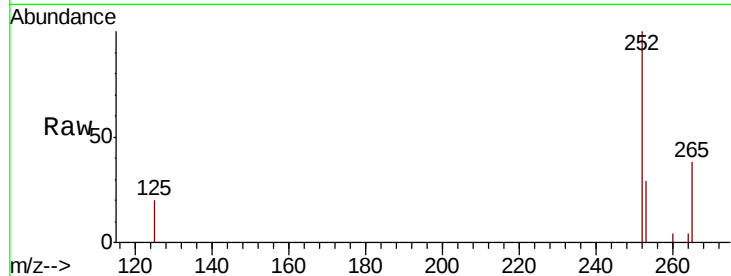
#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.96 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

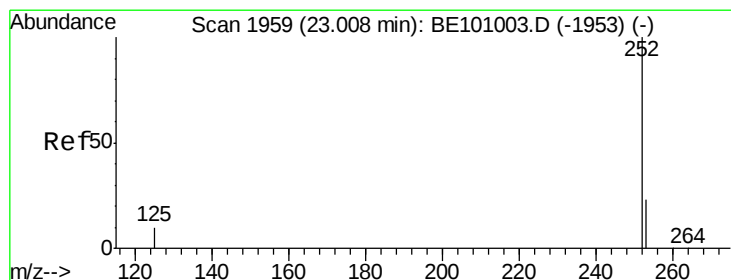
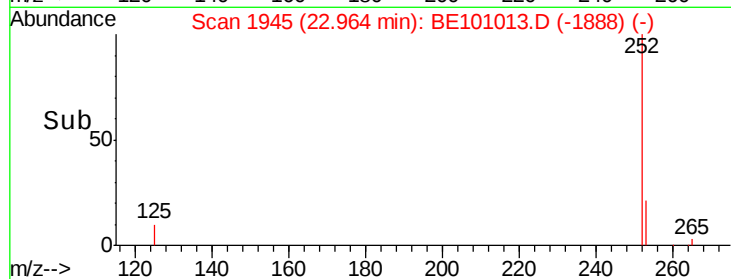
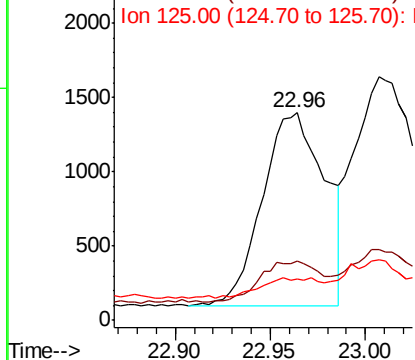
Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.5	27.7#
125	20.2	9.5	14.3#

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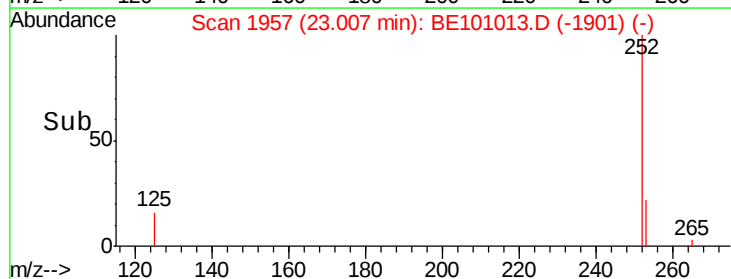
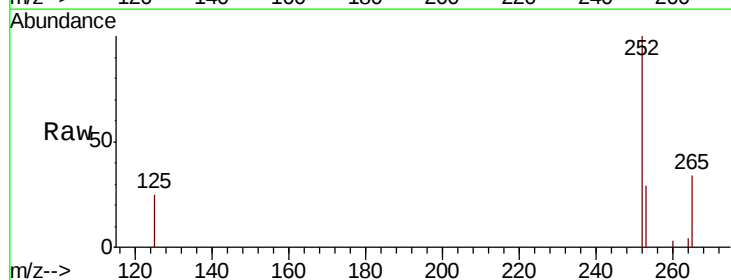
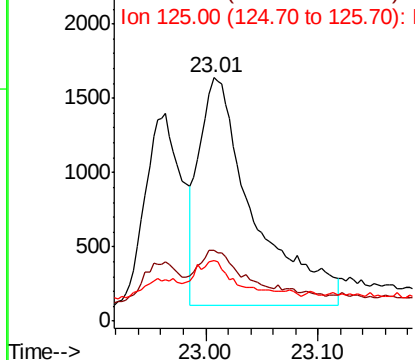
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

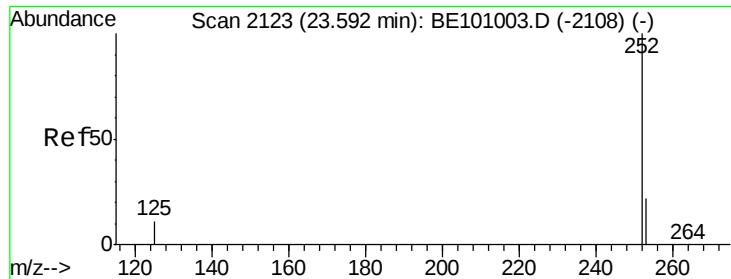


#36
Benzo(k)fluoranthene
Concen: 0.081 ng m
RT: 23.01 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.9	28.3#
125	25.0	10.1	15.1#

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





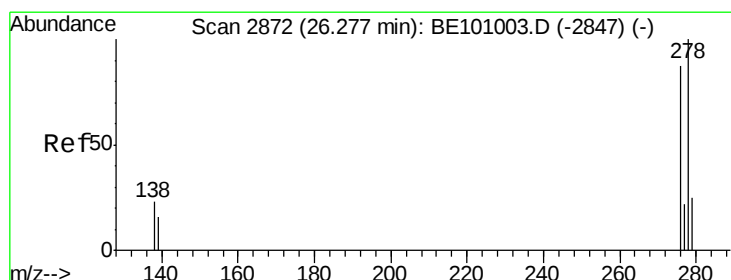
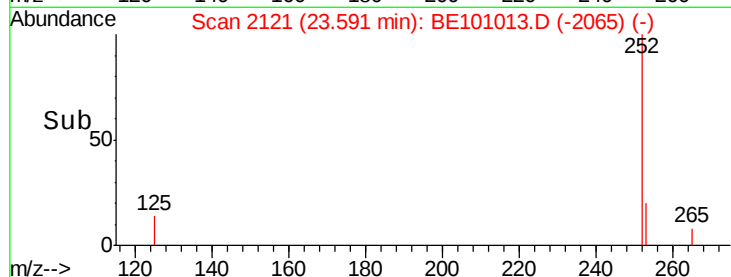
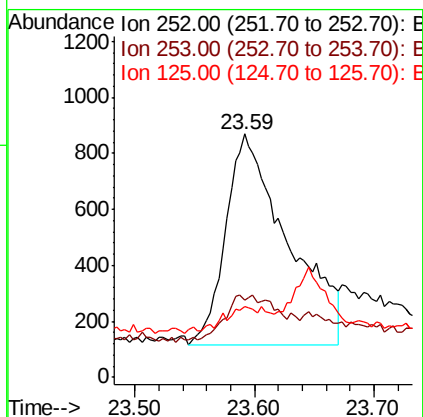
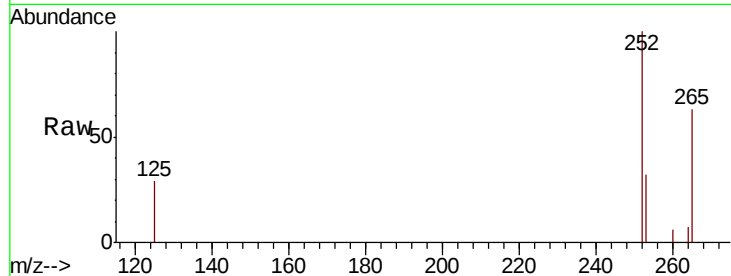
#37
Benzo(a)pyrene
Concen: 0.064 ng
RT: 23.59 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	19.4	29.2#
125	29.0	11.8	17.6#

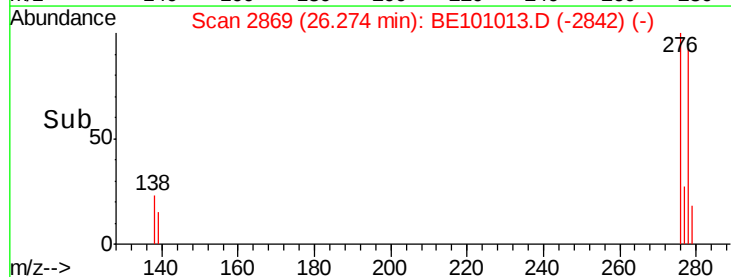
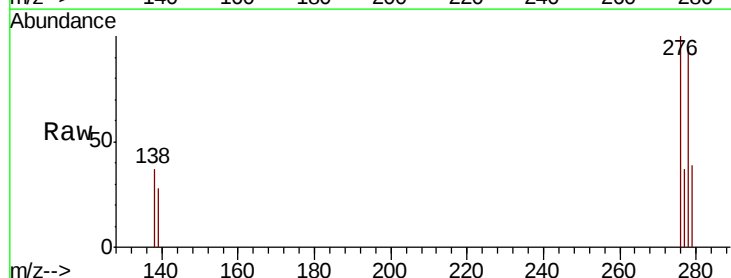
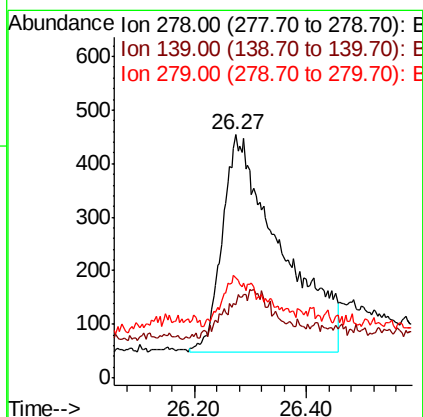
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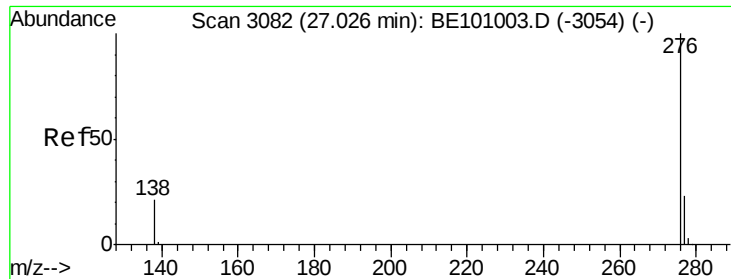
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.075 ng m
RT: 26.27 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 15:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	15.0	22.4#
279	41.4	22.6	33.8#





#39

Benzo(a,h,i)perylene

Concen: 0.074 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BE101013.D

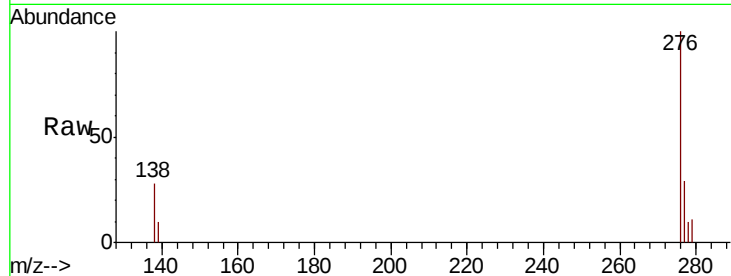
Acq: 9 Jan 2020 15:23

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019



Tot Ion:	276	Resp:	3571
Ion Ratio	Lower	Upper	
276	100		
277	29.1	19.4	29.2
138	27.5	17.9	26.9#

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