

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099279.D
 Acq On : 2 Apr 2019 18:10
 Operator : JU/SJ
 Sample : K1560-01
 Misc : LOD 0.1 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Manual Integrations
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Sohil
 4/4/2019 5:33:44 PM

Quant Time: Apr 03 05:27:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 02 17:16:42 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3199	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11505	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7666	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	23085	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	32807	0.40	ng	-0.02
34) Perylene-d12	23.87	264	35289	0.40	ng	-0.03

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	3294	0.39	ng	-0.02
5) Phenol-d6	6.98	99	4410	0.38	ng	-0.01
8) Nitrobenzene-d5	8.98	82	3050	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7143	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	1149	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11649	0.39	ng	-0.01
25) Fluoranthene-d10	19.22	212	105272	0.35	ng	-0.02
29) Terphenyl-d14	19.82	244	25378	0.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	504	0.116	ng	# 89
3) n-Nitrosodimethylamine	3.68	42	217	0.084	ng	# 78
6) bis(2-Chloroethyl)ether	7.24	93	981	0.094	ng	94
9) Naphthalene	10.65	128	11929	0.095	ng	# 98
10) Hexachlorobutadiene	10.94	225	757	0.093	ng	95
12) 2-Methylnaphthalene	12.28	142	1972	0.093	ng	95
16) Acenaphthylene	14.18	152	3244	0.089	ng	98
17) Acenaphthene	14.53	154	2068	0.096	ng	94
18) Fluorene	15.49	166	2898	0.094	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1182	0.090	ng	# 75
21) Hexachlorobenzene	16.49	284	1148	0.092	ng	95
22) Pentachlorophenol	16.84	266	319	0.062	ng	99
23) Phenanthrene	17.23	178	5656	0.095	ng	99
24) Anthracene	17.32	178	4793	0.085	ng	98
26) Fluoranthene	19.25	202	8089	0.092	ng	99
28) Pyrene	19.61	202	8071	0.093	ng	100
30) Benzo(a)anthracene	21.34	228	9511	0.092	ng	97
31) Chrysene	21.40	228	9608	0.095	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	10989	0.083	ng	98
33) Indeno(1,2,3-cd)pyrene	26.50	276	11160	0.096	ng	97
35) Benzo(b)fluoranthene	23.09	252	9608m	0.091	ng	
36) Benzo(k)fluoranthene	23.14	252	9344	0.091	ng	# 94
37) Benzo(a)pyrene	23.75	252	8720	0.088	ng	# 94
38) Dibenzo(a,h)anthracene	26.53	278	9006	0.091	ng	# 94
39) Benzo(g,h,i)perylene	27.32	276	9294	0.095	ng	99

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

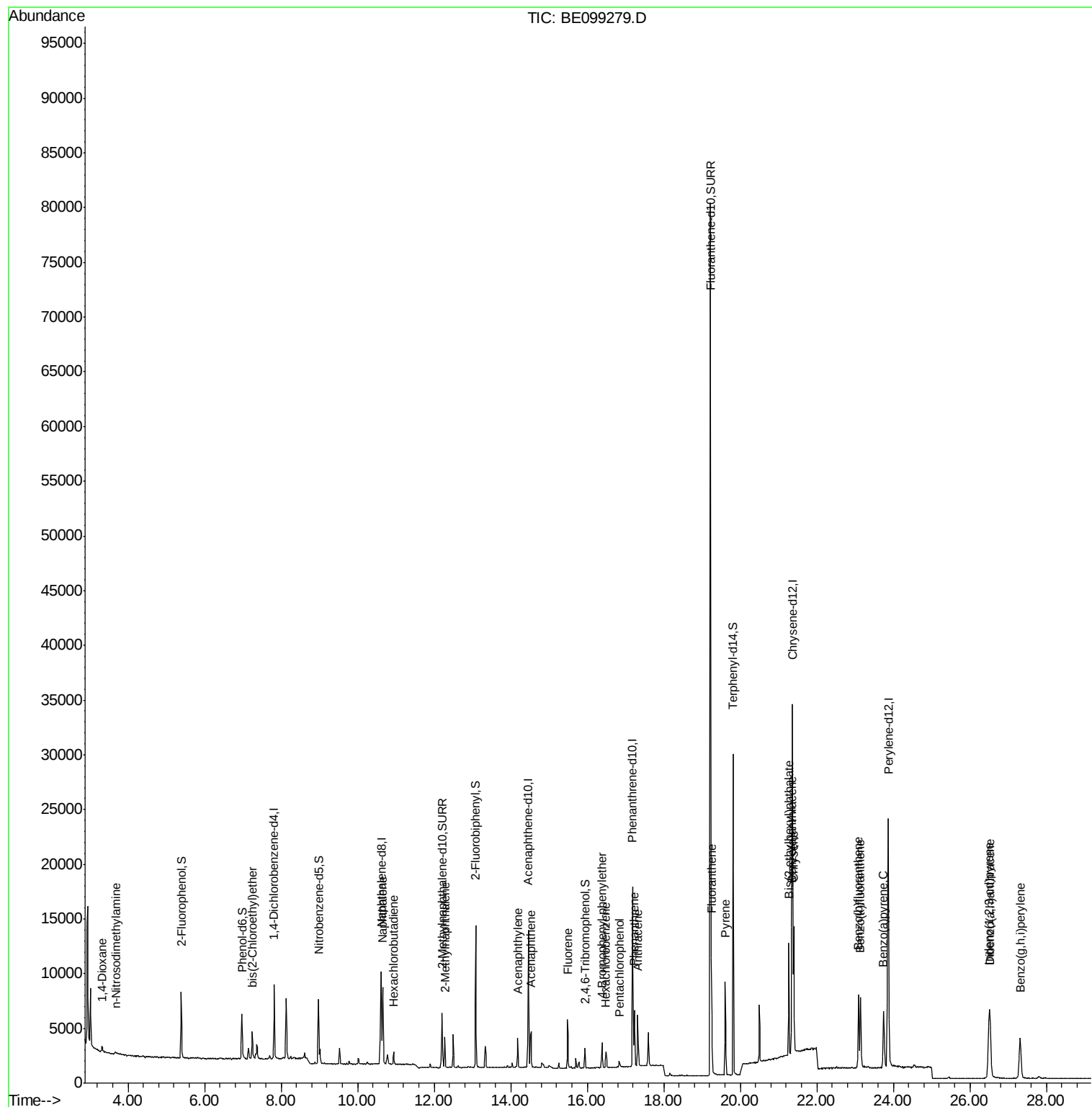
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
Data File : BE099279.D
Acq On : 2 Apr 2019 18:10
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 0.1 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Manual Integrations
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Quant Time: Apr 03 05:27:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 17:16:42 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

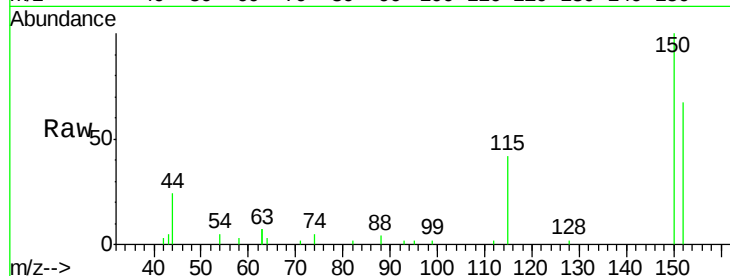
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

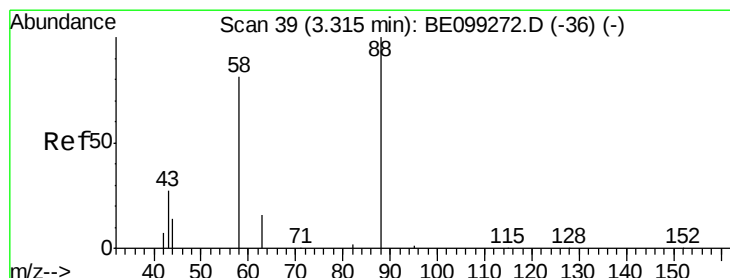
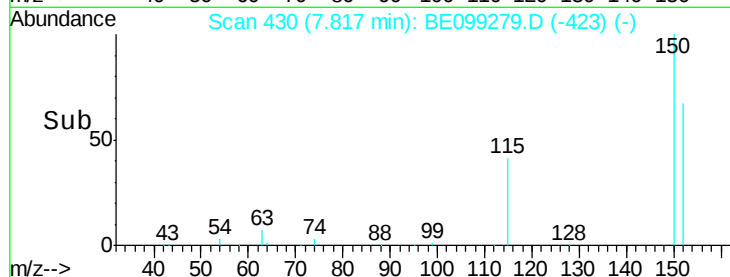
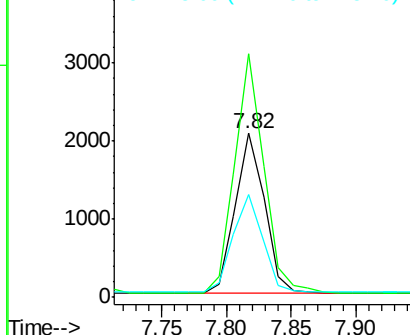
Tgt Ion:	152	Resp:	3199
Ion Ratio	Lower	Upper	
152	100		
150	148.6	112.8	169.2
115	63.1	45.1	67.7

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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: 0.116 ng

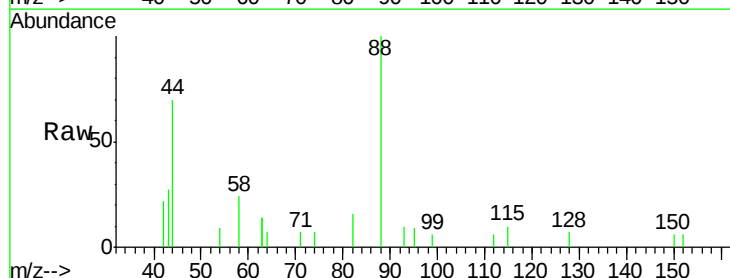
RT: 3.33 min Scan# 40

Delta R.T. -0.01 min

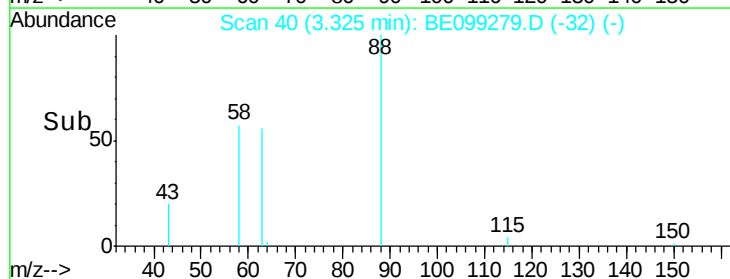
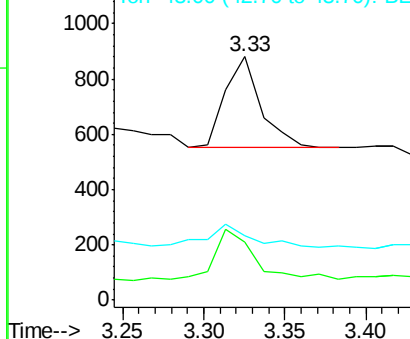
Lab File: BE099279.D

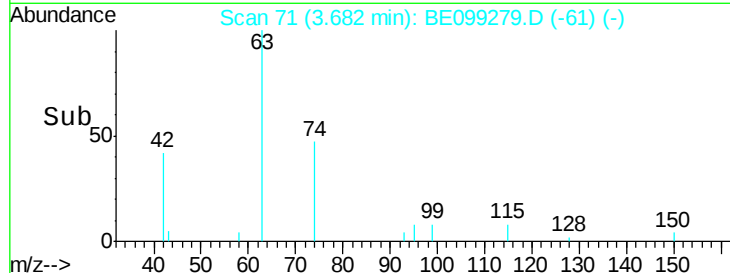
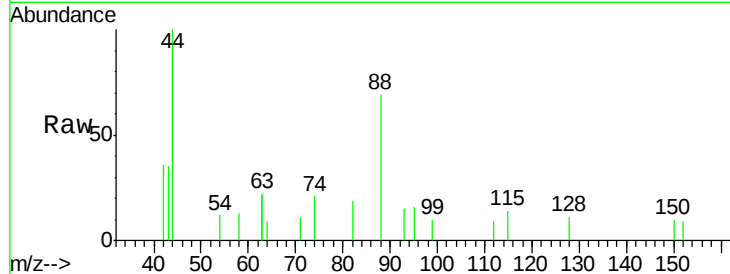
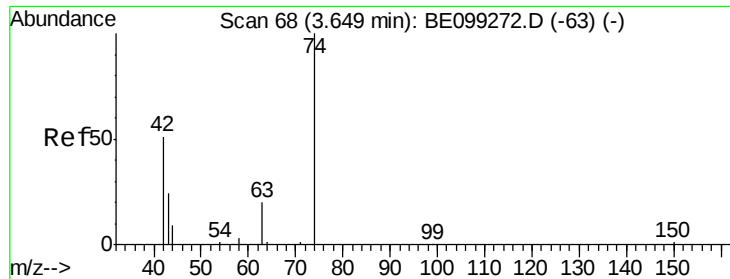
Acq: 2 Apr 2019 18:10

Tgt Ion:	88	Resp:	504
Ion Ratio	Lower	Upper	
88	100		
58	63.1	47.4	71.0
43	31.9	15.6	23.4



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





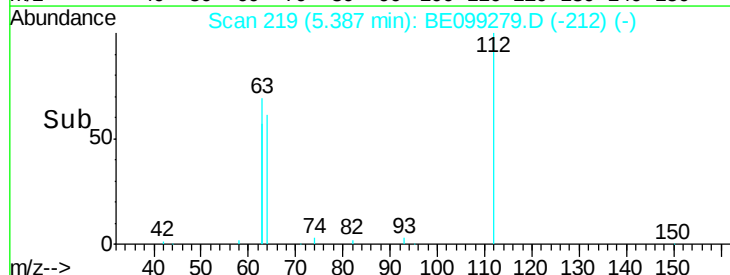
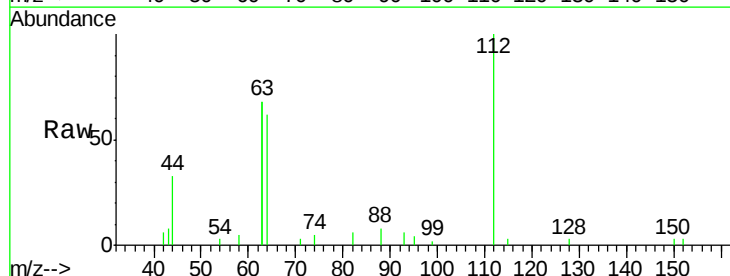
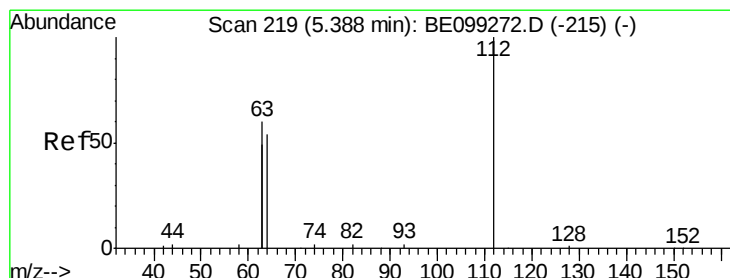
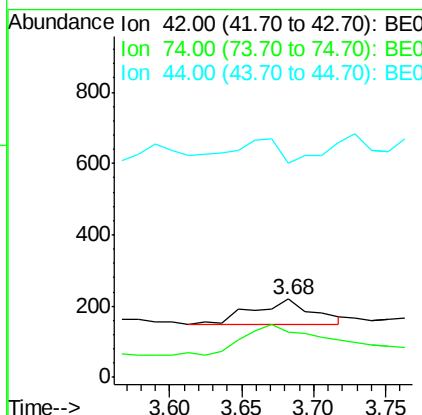
#3
n-Nitrosodimethylamine
Concen: 0.084 ng
RT: 3.68 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion:	42	Resp:	217
Ion Ratio	Lower	Upper	
42	100		
74	143.8	138.6	207.8
44	31.8	15.0	22.6#

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

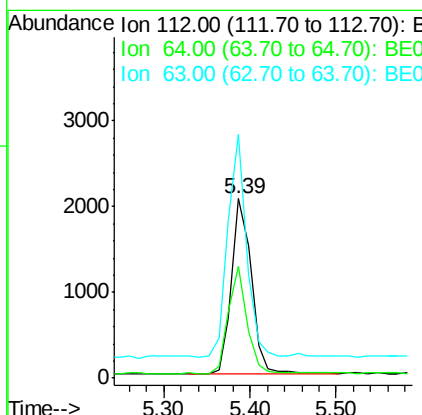
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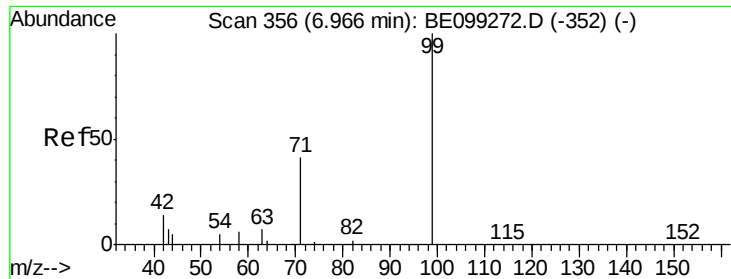
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#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.02 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion:	112	Resp:	3294
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.2	69.2
63	118.0	89.9	134.9





#5

Phenol-d6

Concen: 0.377 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

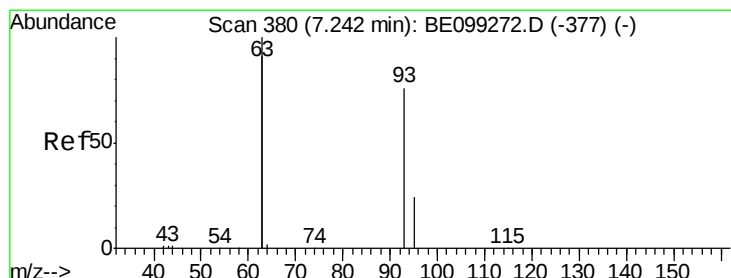
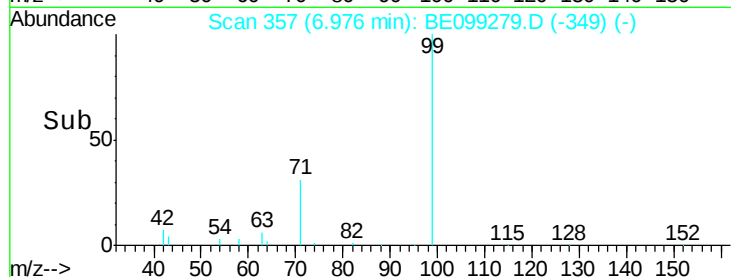
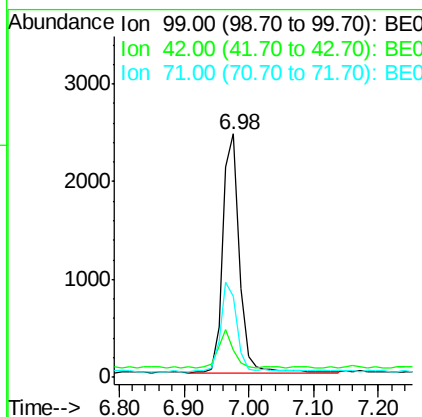
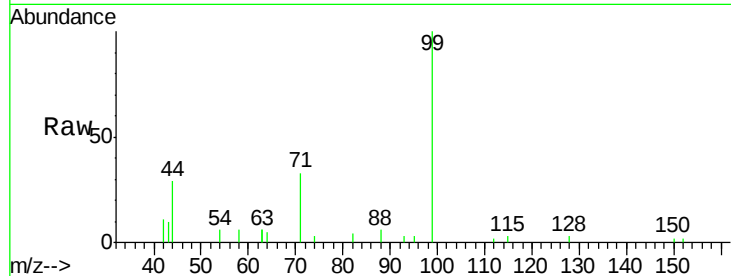
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	99	Resp:	4410
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.4	18.6
71	35.8	28.4	42.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

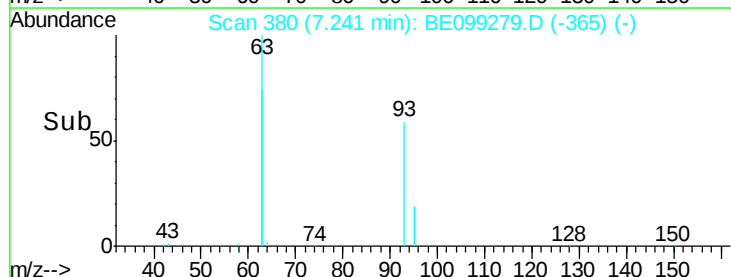
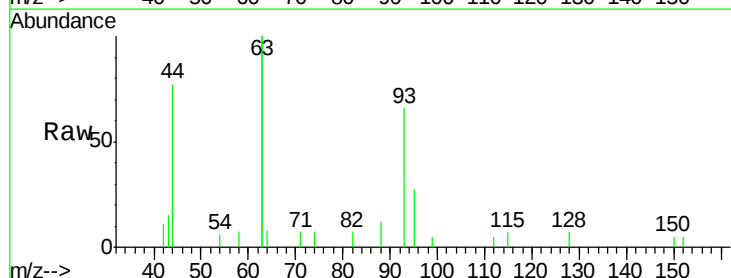
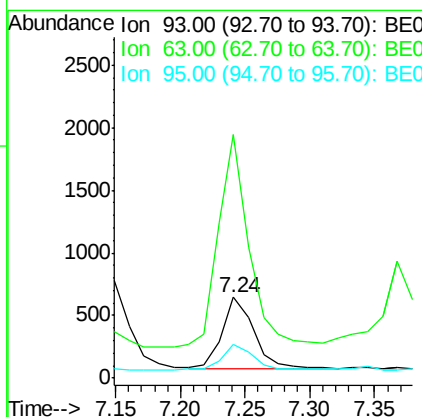
RT: 7.24 min Scan# 380

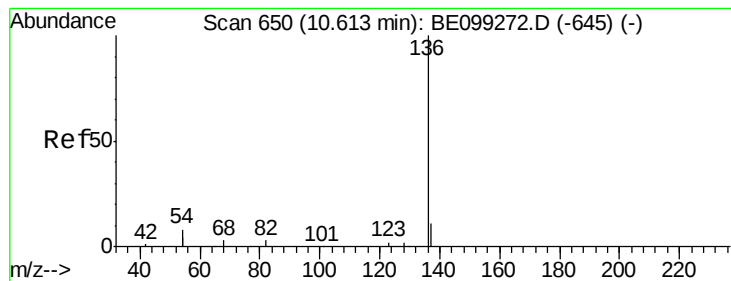
Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	93	Resp:	981
Ion	Ratio	Lower	Upper
93	100		
63	288.7	221.4	332.0
95	35.0	25.8	38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

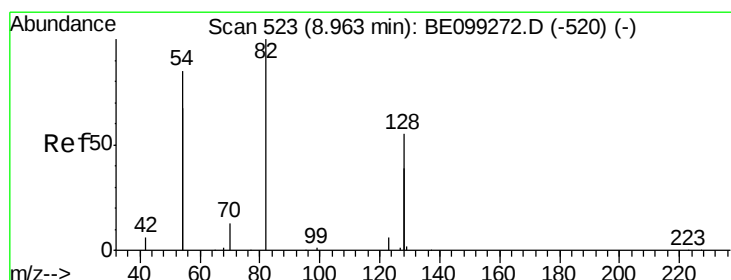
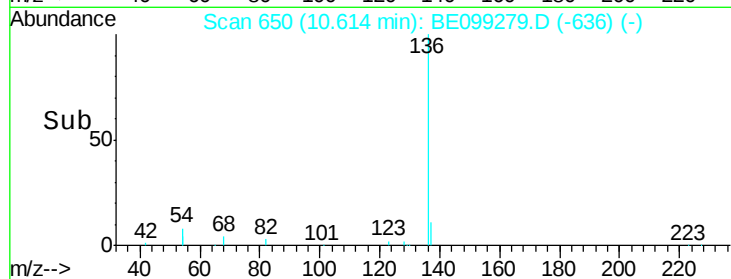
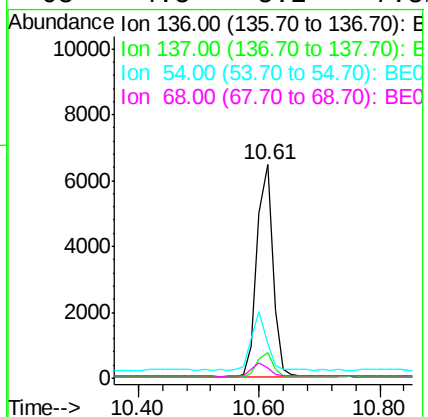
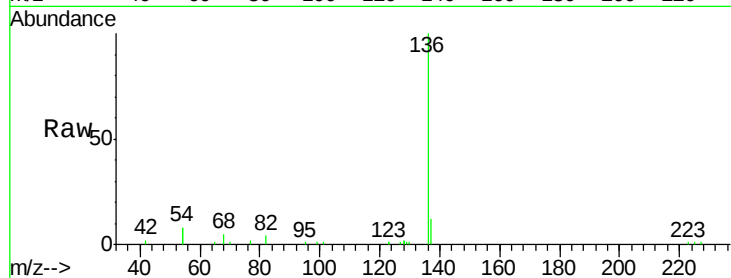
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	11505		
137	11.7	8.7	13.1	
54	16.4	18.7	28.1	
68	4.5	5.2	7.8	

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#8

Nitrobenzene-d5

Concen: 0.386 ng

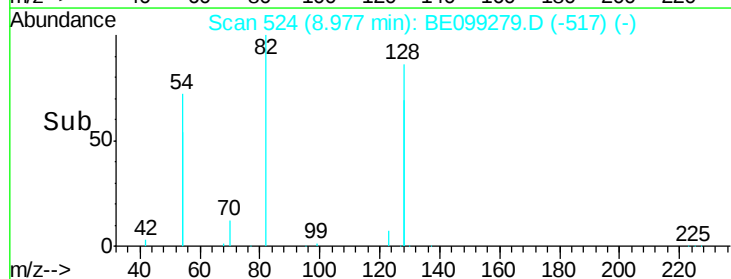
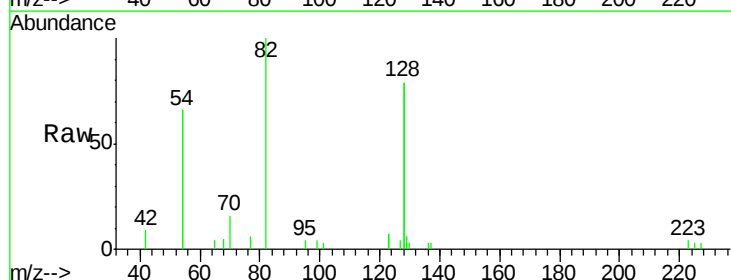
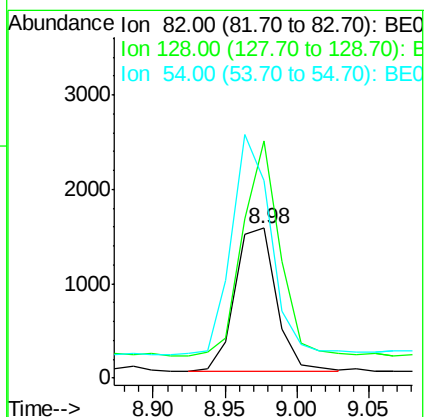
RT: 8.98 min Scan# 524

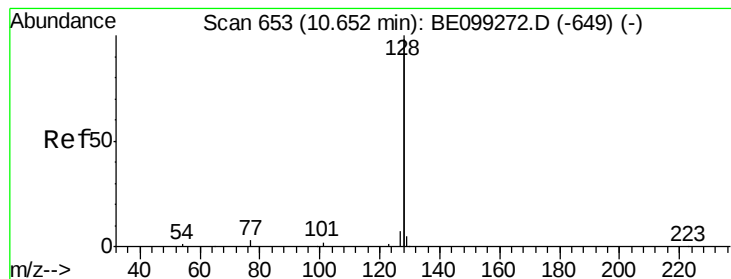
Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	3050		
128	158.8	107.5	161.3	
54	132.3	106.3	159.5	





#9

Naphthalene

Concen: 0.095 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

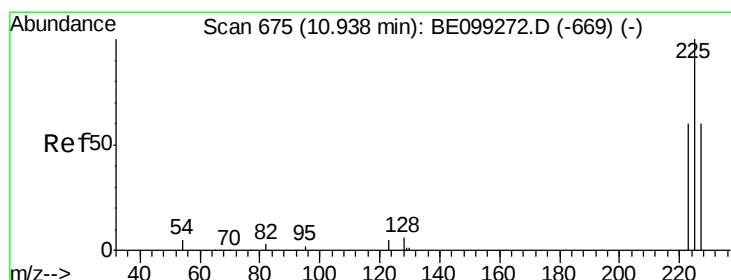
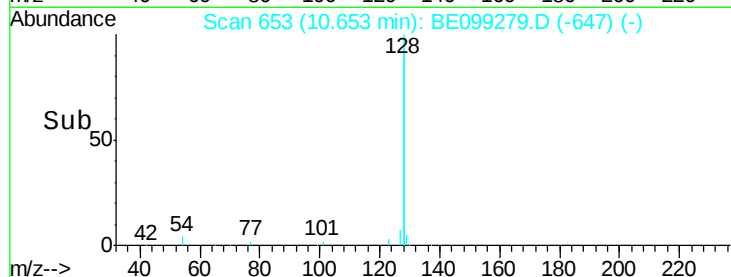
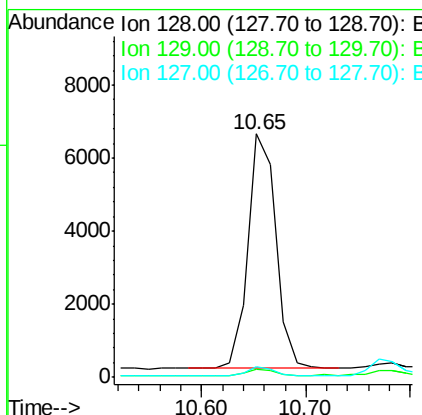
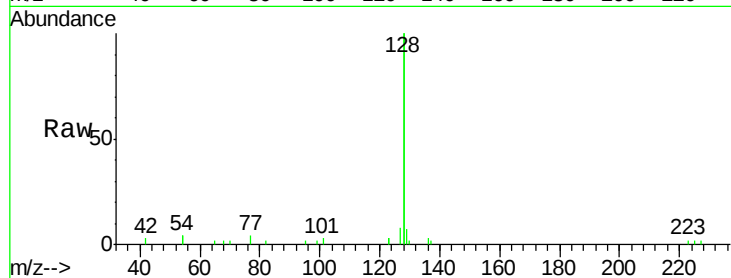
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	128	Resp:	11929
Ion Ratio	Lower	Upper	
128	100		
129	3.5	2.3	3.5
127	4.1	2.6	3.8#

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.093 ng

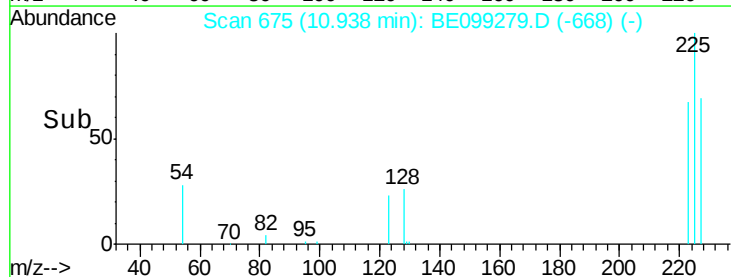
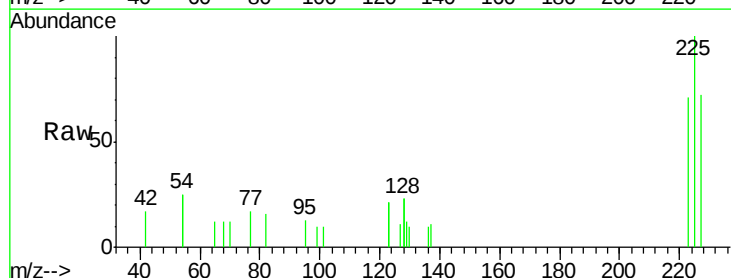
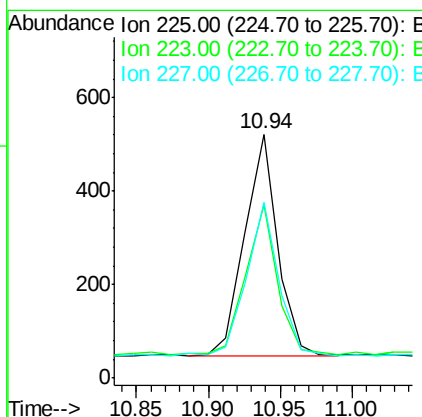
RT: 10.94 min Scan# 675

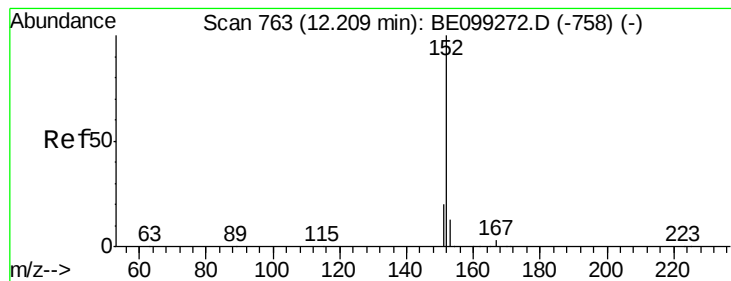
Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	225	Resp:	757
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.3	76.9
227	68.7	48.6	73.0





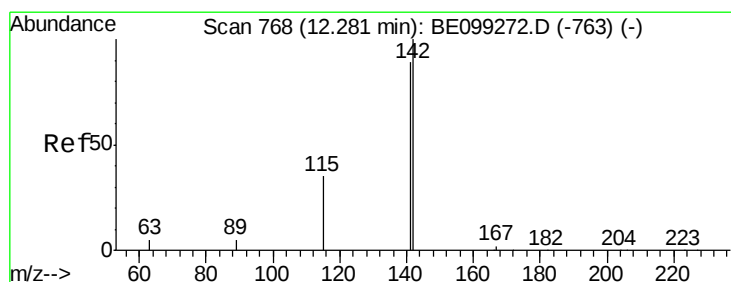
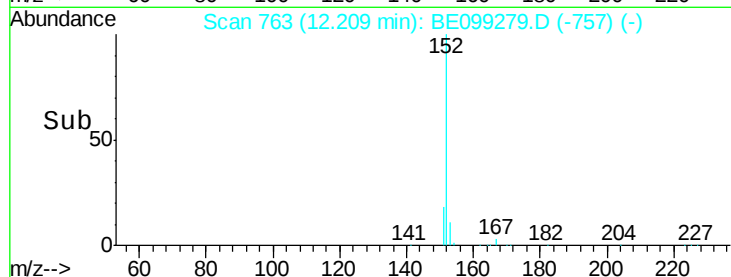
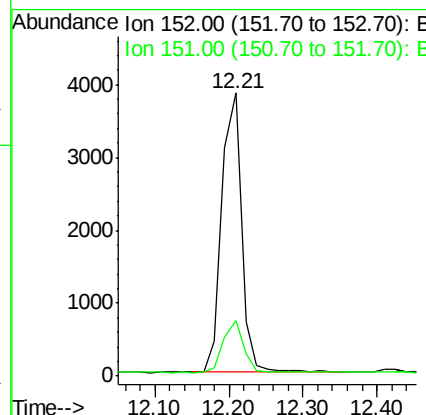
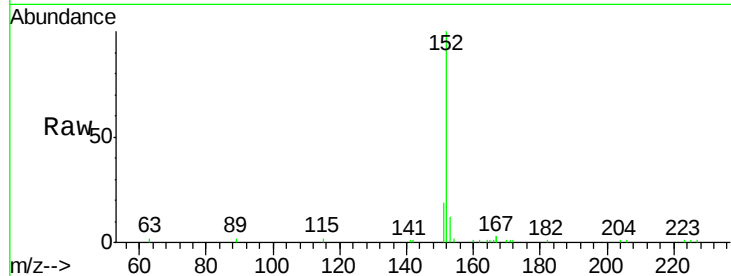
#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

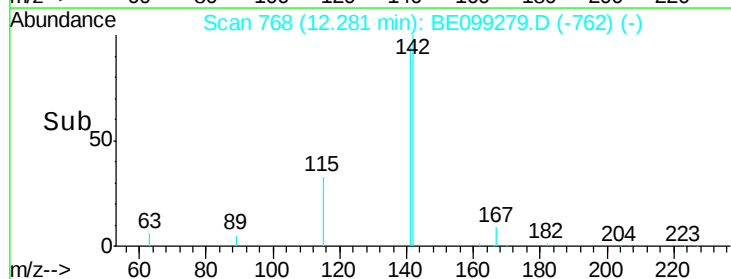
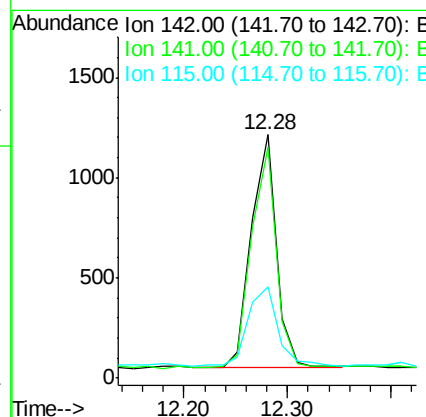
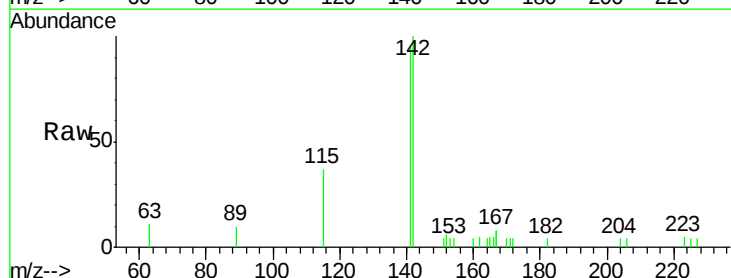
Manual Integrations
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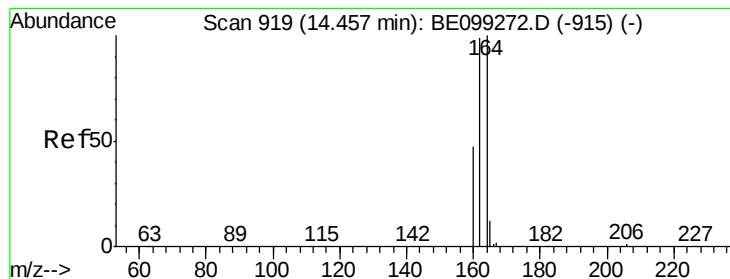
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#12
 2-Methylnaphthalene
 Concen: 0.093 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	71.3	106.9
115	37.4	30.4	45.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

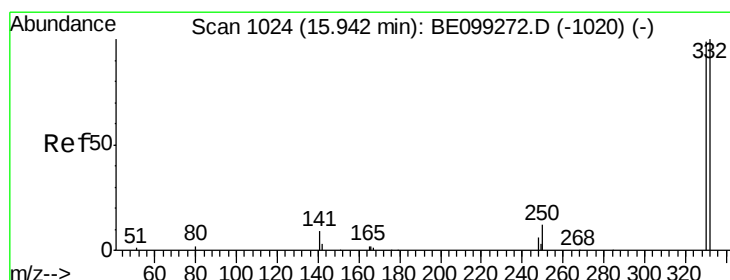
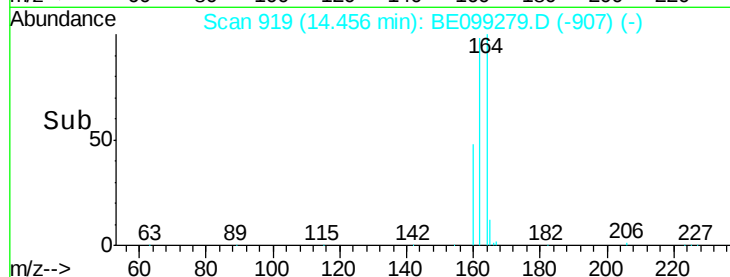
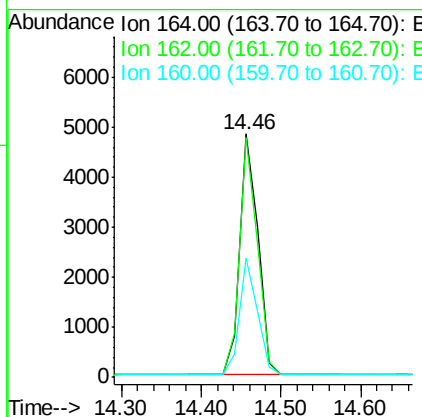
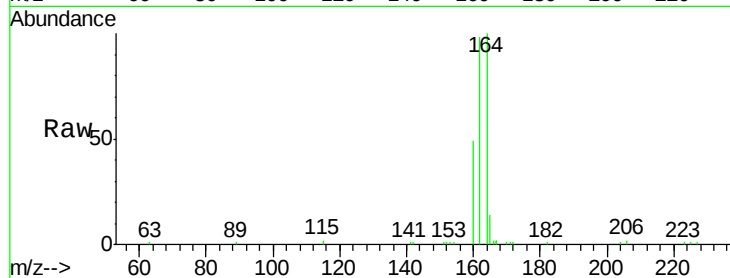
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	164	Resp:	7666
Ion Ratio	Lower	Upper	
164	100		
162	98.4	79.2	118.8
160	49.0	36.7	55.1

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#14

2,4,6-Tribromophenol

Concen: 0.325 ng

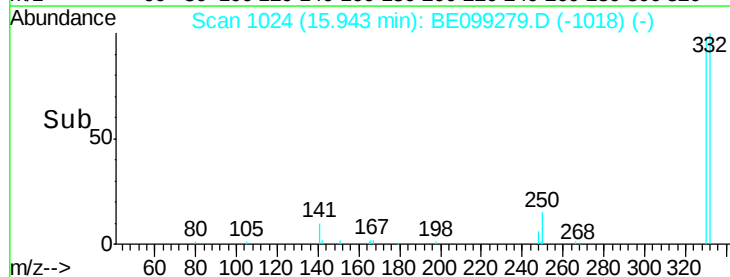
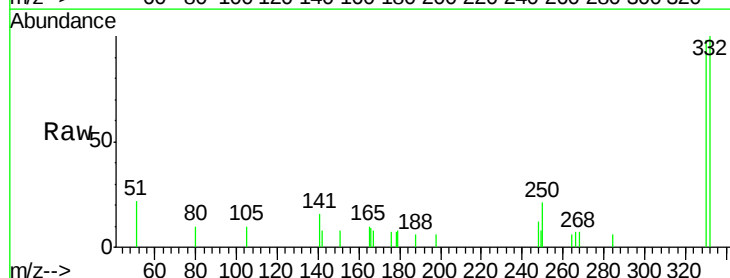
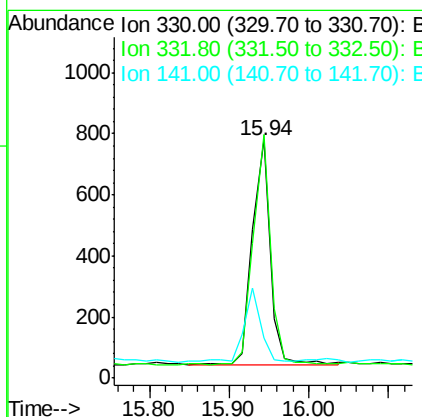
RT: 15.94 min Scan# 1024

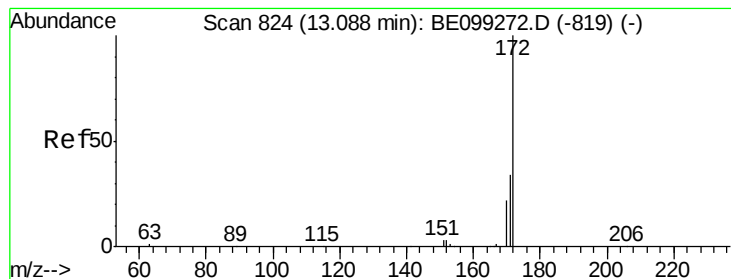
Delta R.T. -0.01 min

Lab File: BE099279.D

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Tgt Ion:	330	Resp:	1149
Ion Ratio	Lower	Upper	
330	100		
332	99.4	71.3	106.9
141	29.6	21.7	32.5





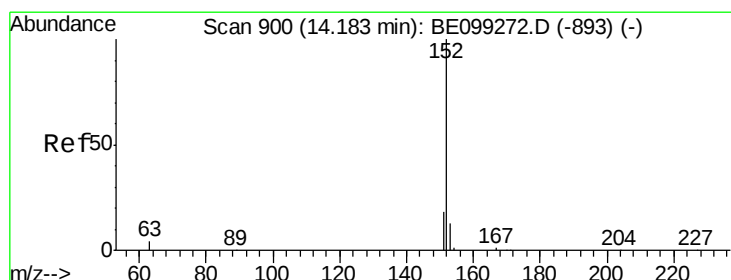
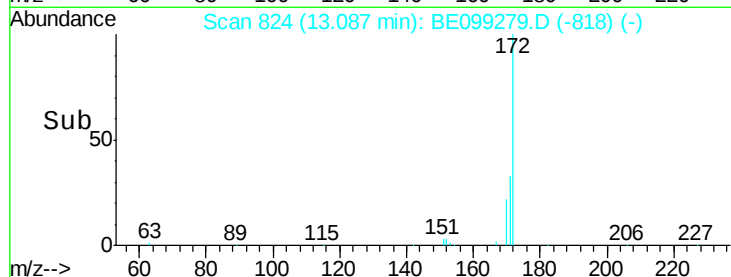
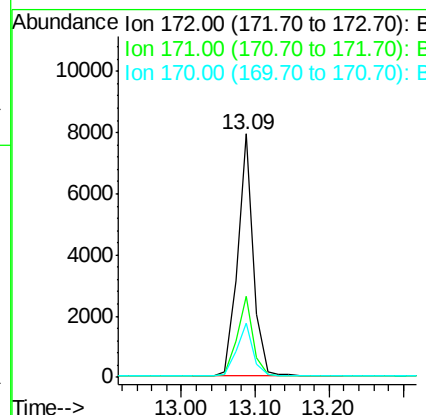
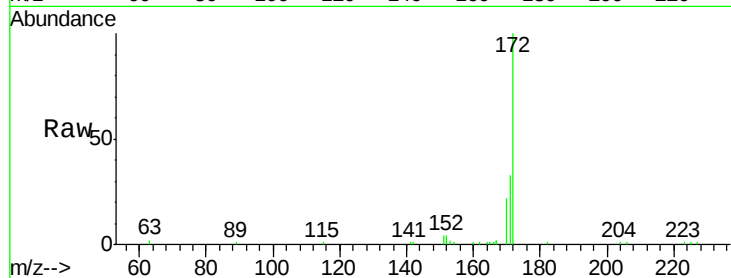
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.4	41.0
170	22.3	19.1	28.7

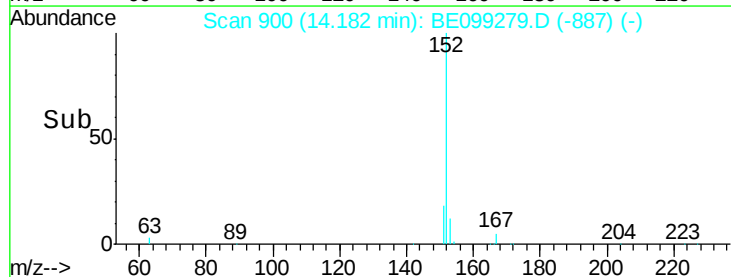
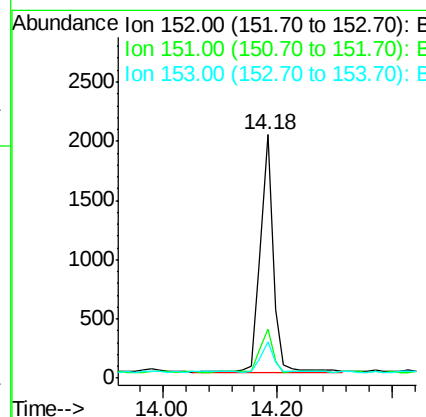
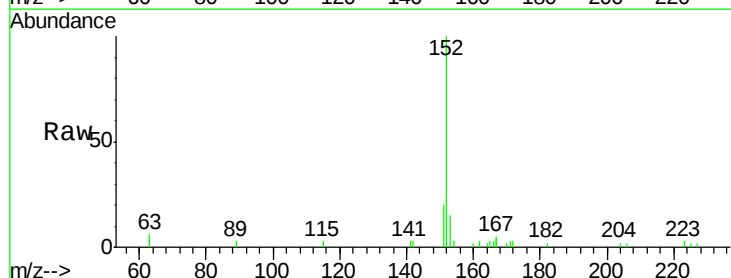
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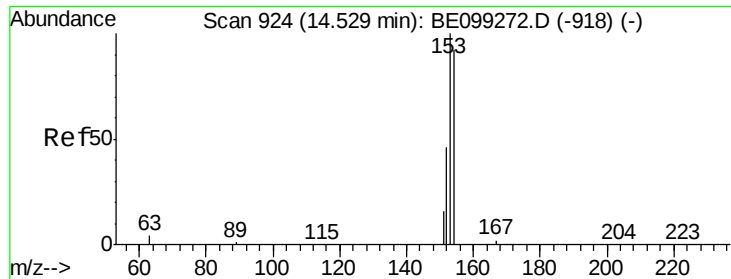
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#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.7	23.5
153	12.8	10.6	15.8





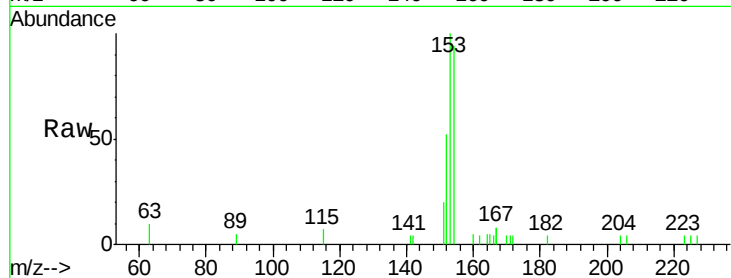
#17
Acenaphthene
Concen: 0.096 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

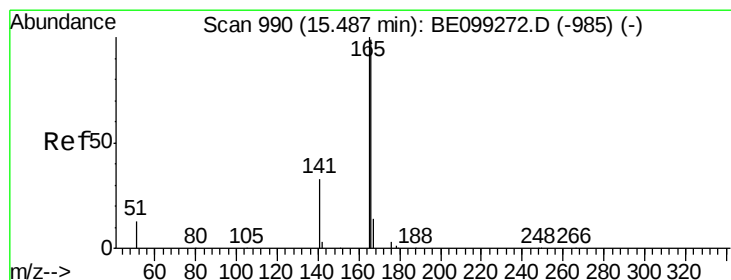
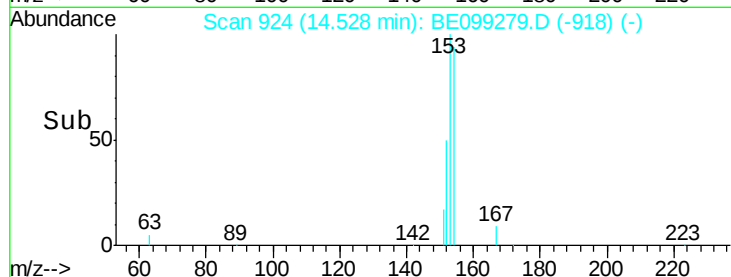
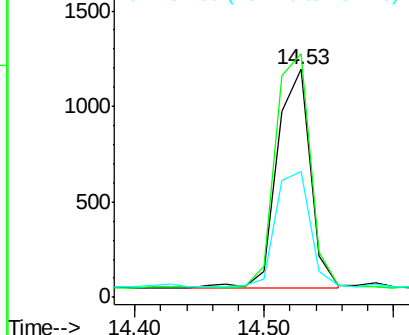
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	93.4	140.0
152	53.9	46.6	69.8

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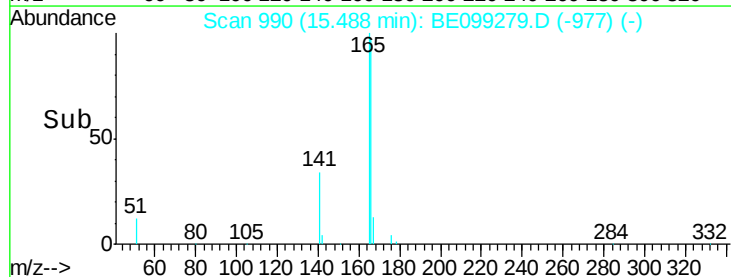
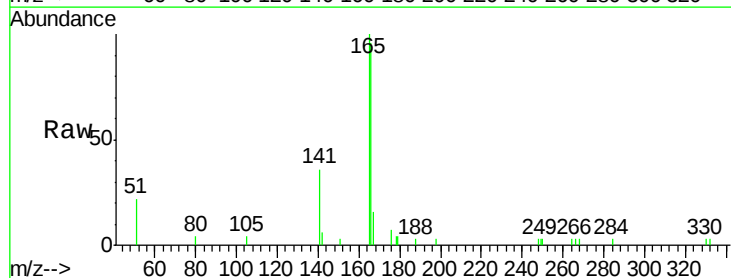
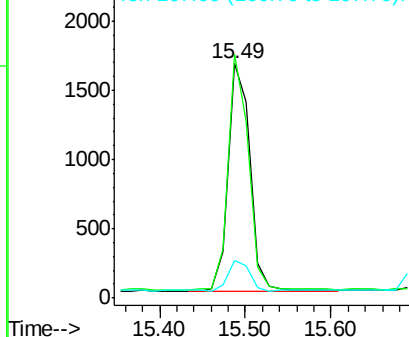
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

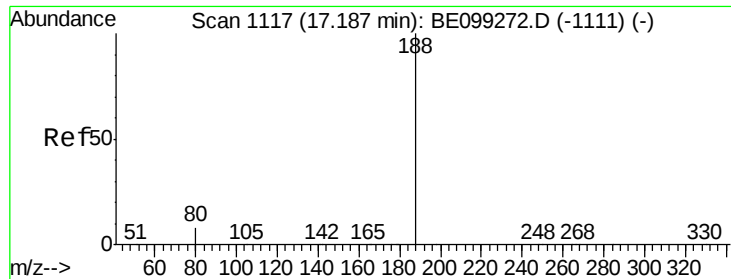


#18
Fluorene
Concen: 0.094 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.9	118.3
167	14.4	10.9	16.3

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





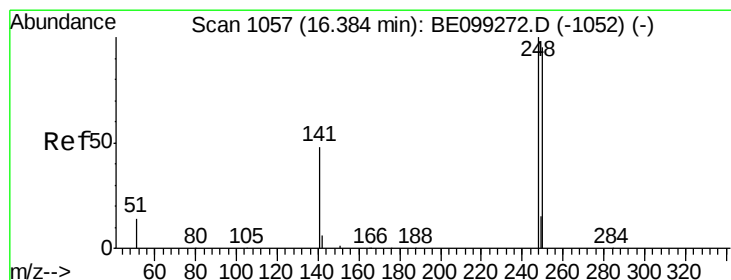
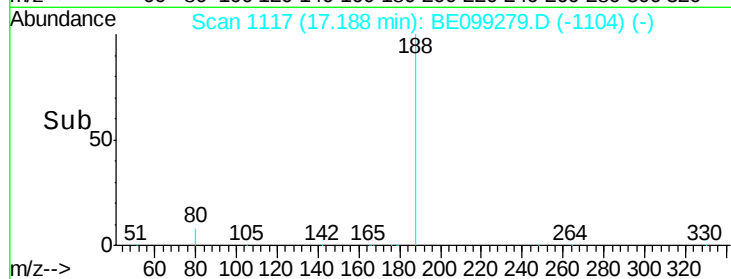
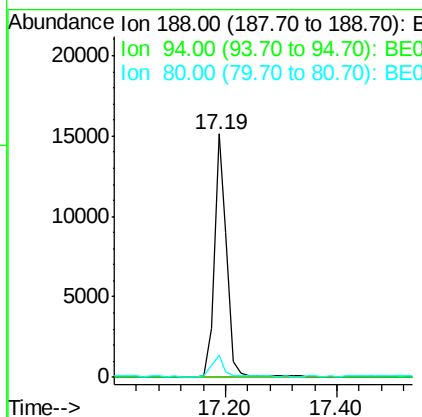
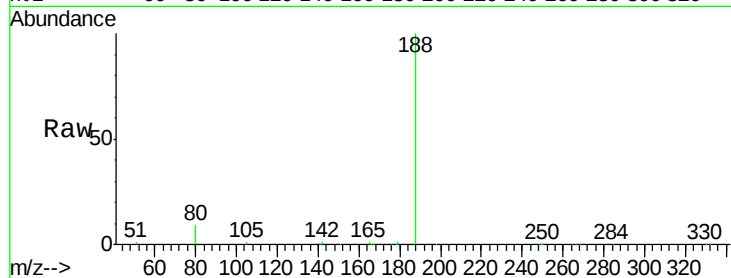
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#

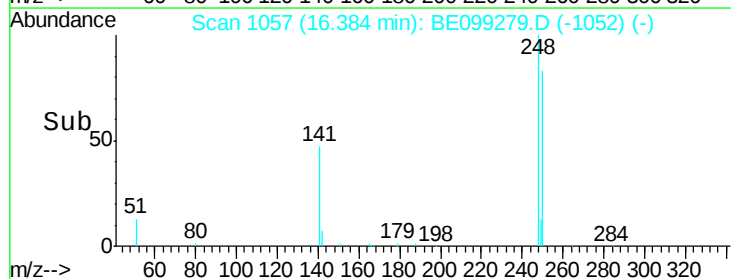
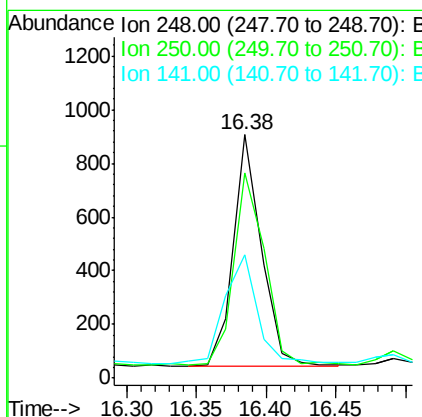
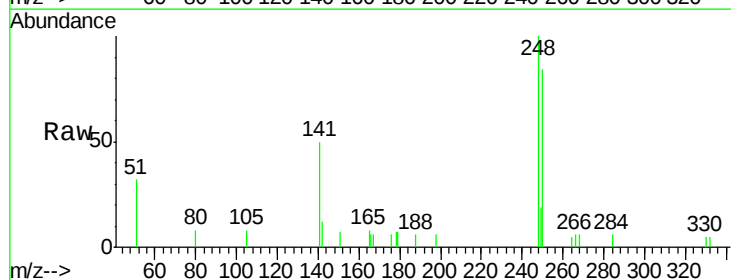
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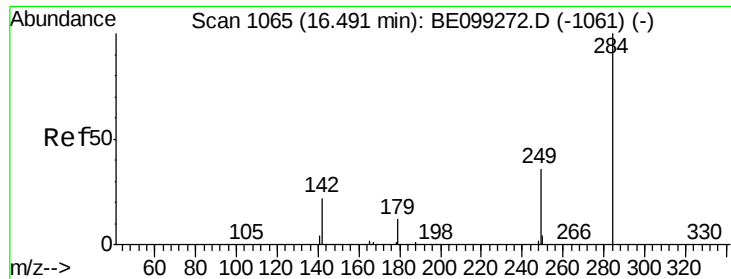
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#20
4-Bromophenyl-phenylether
Concen: 0.090 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	84.5	84.2	126.2
141	50.5	21.8	32.6#





#21

Hexachlorobenzene

Concen: 0.092 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

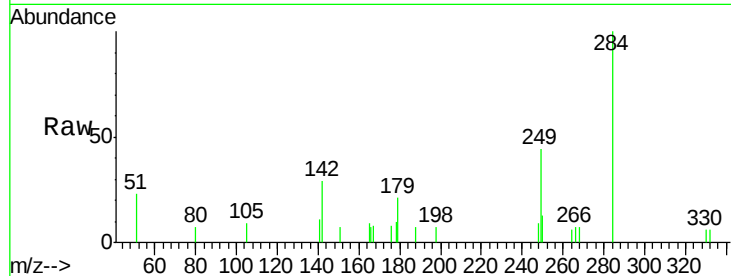
ClientSampleId :

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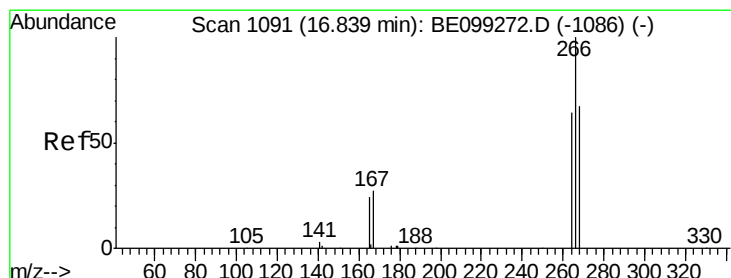
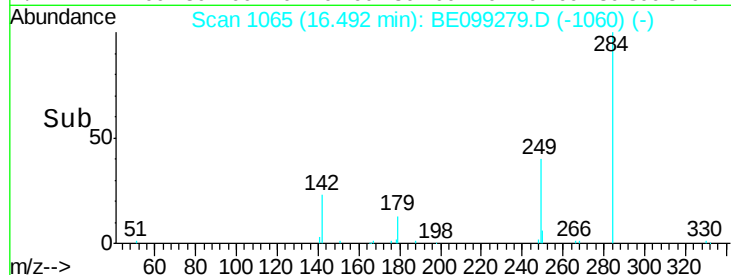
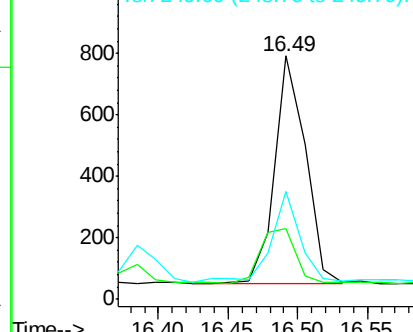
Tgt Ion:	284	Resp:	1148
Ion Ratio	Lower	Upper	
284	100		
142	26.5	22.7	34.1
249	36.8	26.9	40.3

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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: 0.062 ng

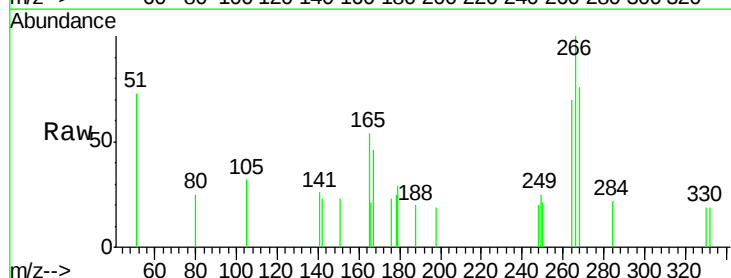
RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

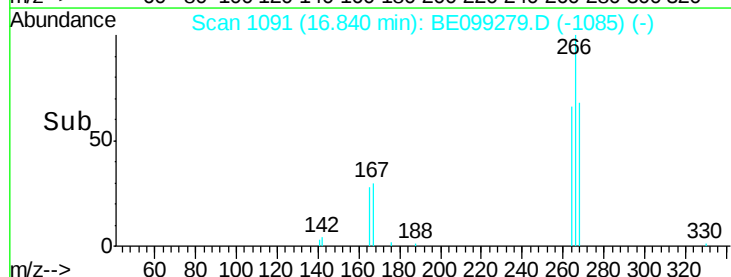
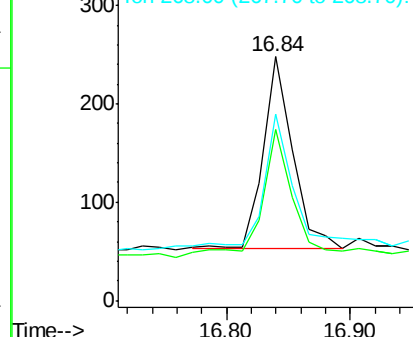
Lab File: BE099279.D

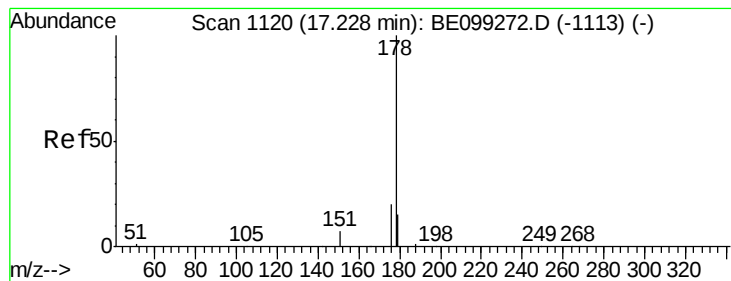
Acq: 2 Apr 2019 18:10

Tgt Ion:	266	Resp:	319
Ion Ratio	Lower	Upper	
266	100		
264	70.2	54.4	81.6
268	76.2	61.3	91.9



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: 0.095 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

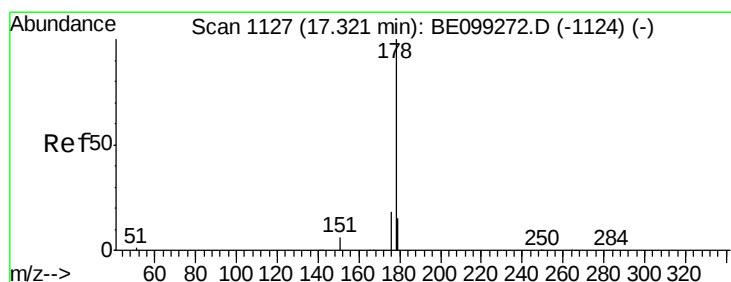
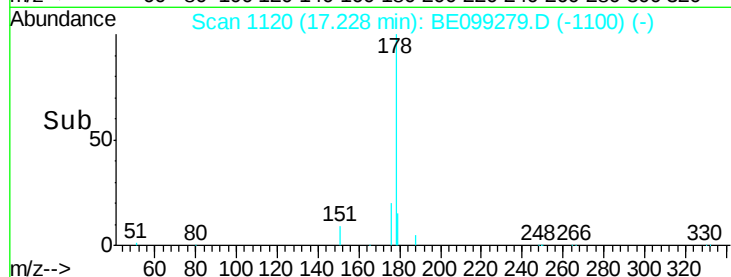
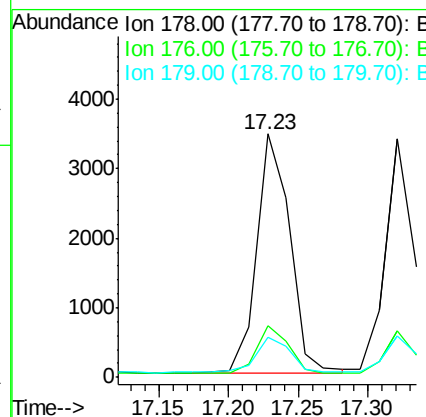
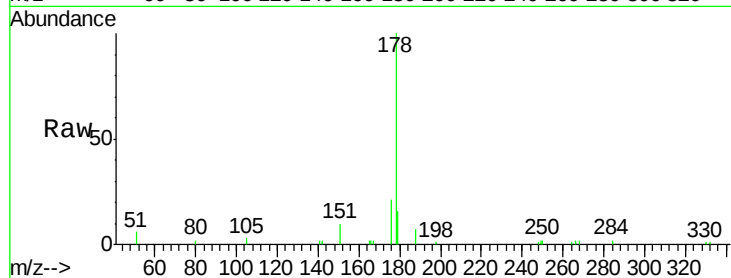
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	178	Resp:	5656
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.9	12.3	18.5

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#24

Anthracene

Concen: 0.085 ng

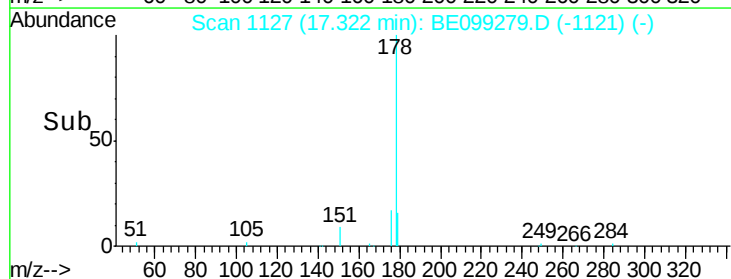
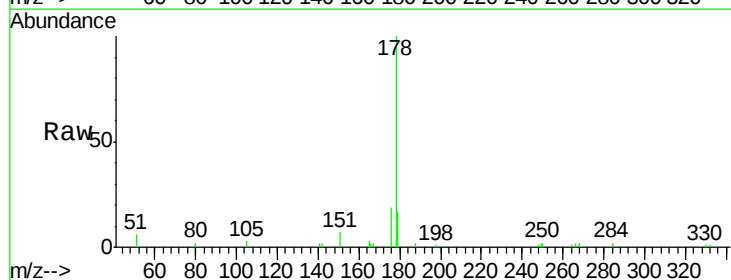
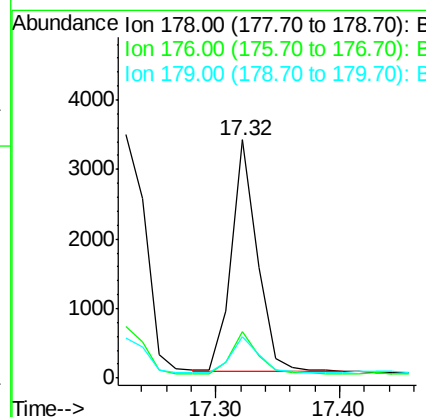
RT: 17.32 min Scan# 1127

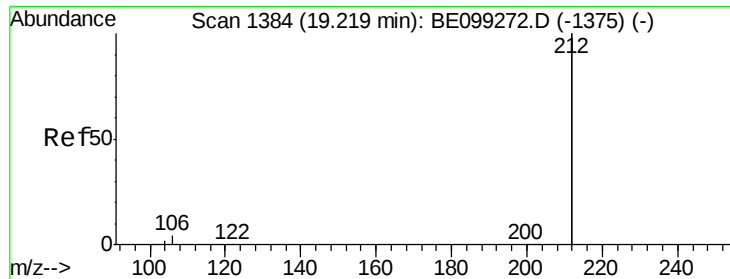
Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	178	Resp:	4793
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.1	22.7
179	16.5	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

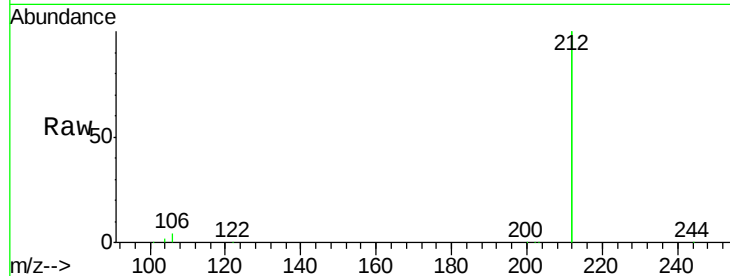
ClientSampleId :

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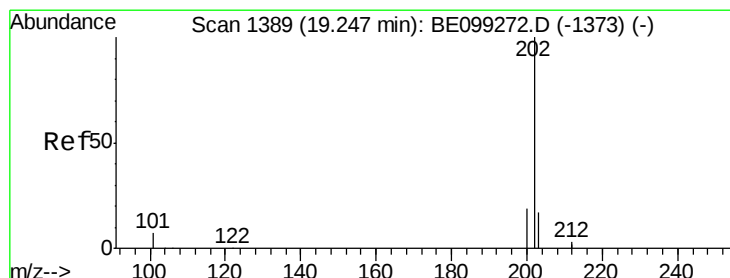
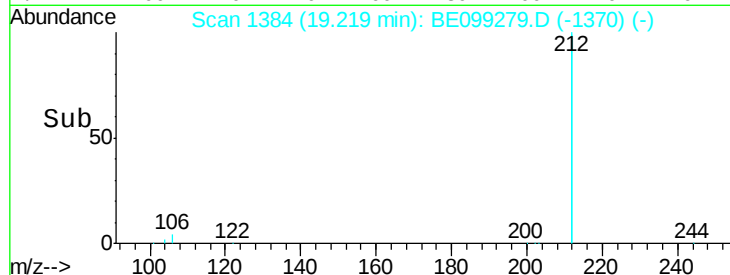
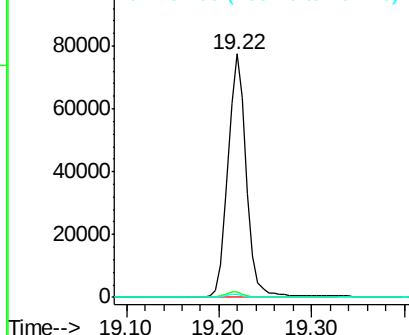
Tgt Ion	Ratio	Resp: Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	1.1	1.7

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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: 0.092 ng

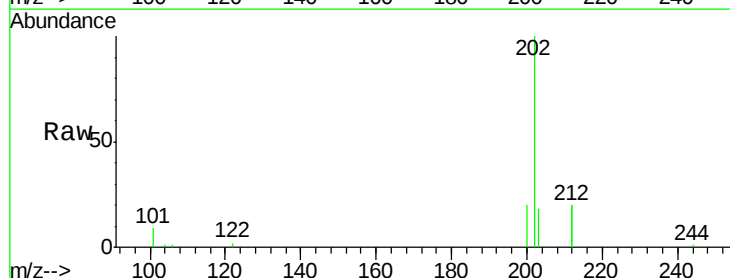
RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

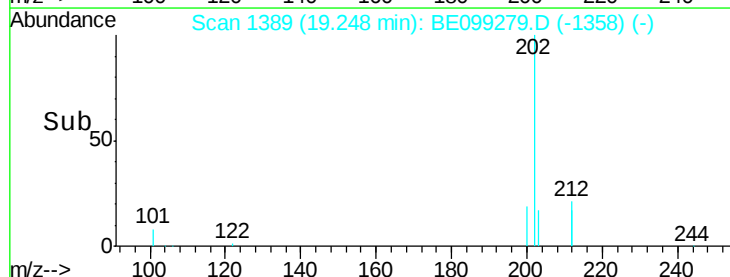
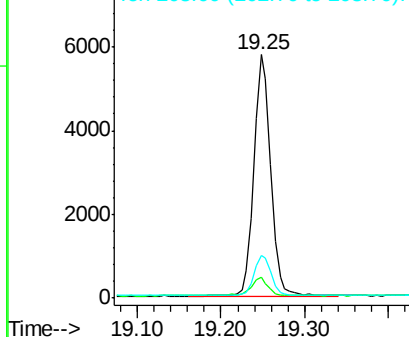
Lab File: BE099279.D

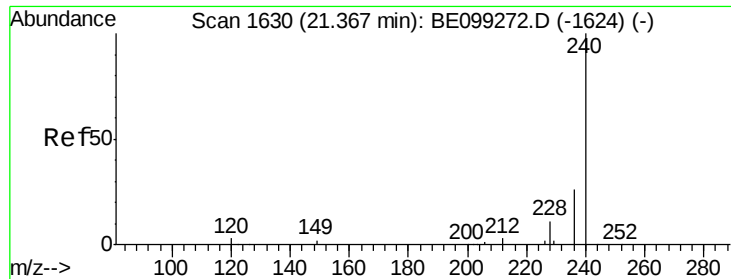
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Resp: Lower	Upper
202	100		
101	7.6	7.0	10.4
203	17.0	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: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

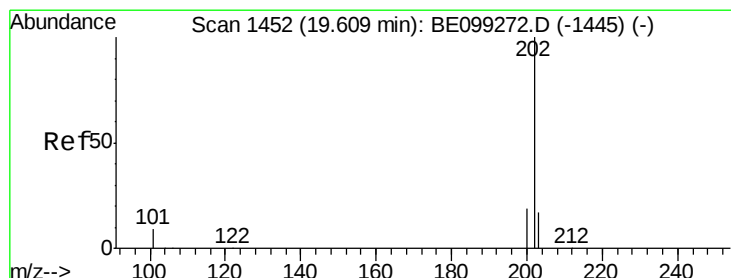
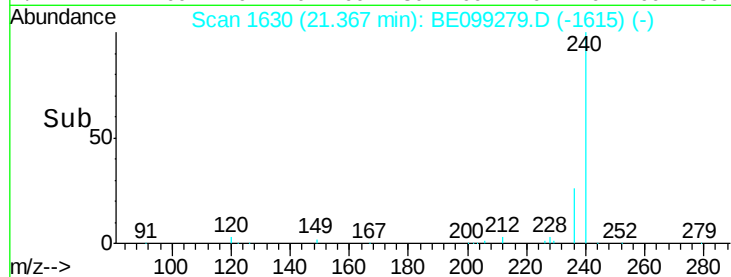
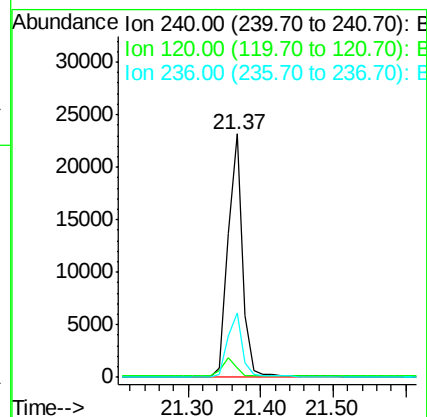
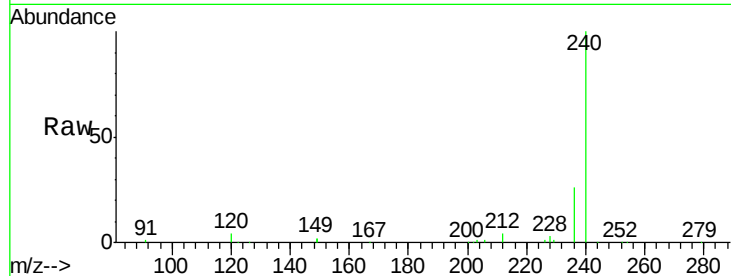
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.7	2.6	3.8
236	26.4	20.9	31.3

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#28

Pyrene

Concen: 0.093 ng

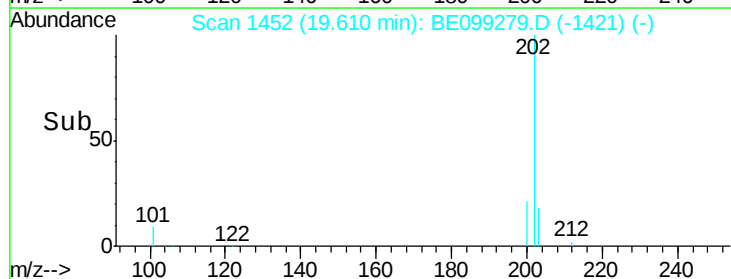
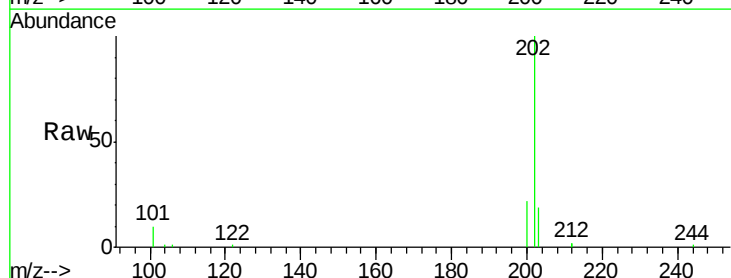
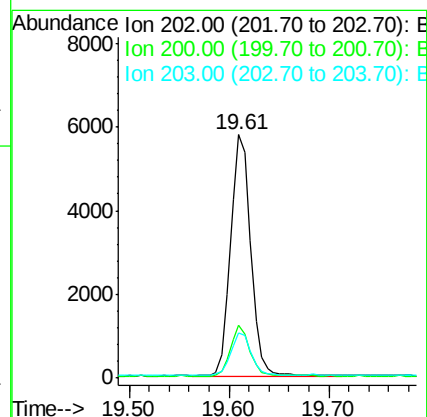
RT: 19.61 min Scan# 1452

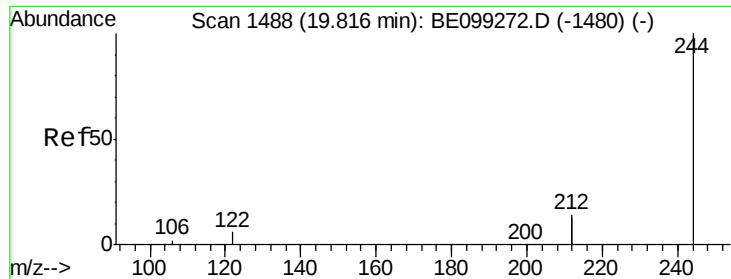
Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.8
203	17.6	14.1	21.1





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099279.D

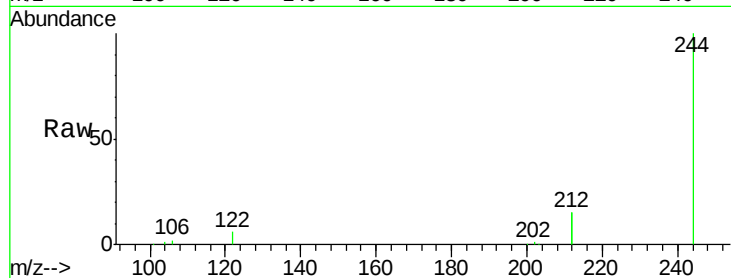
Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

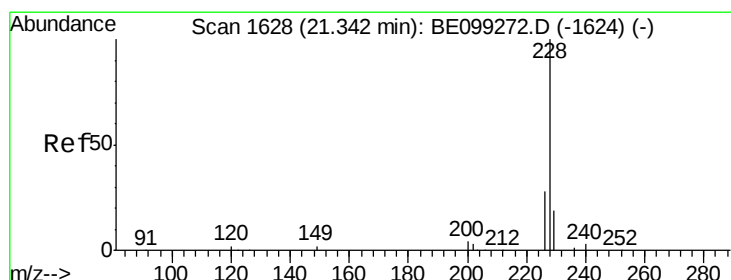
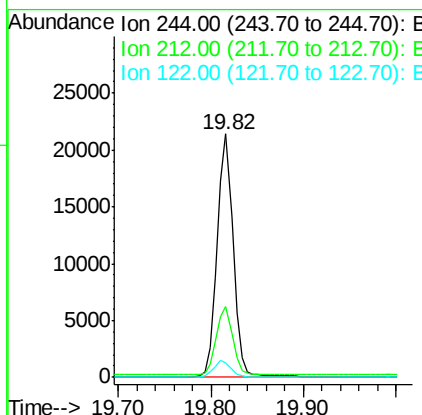
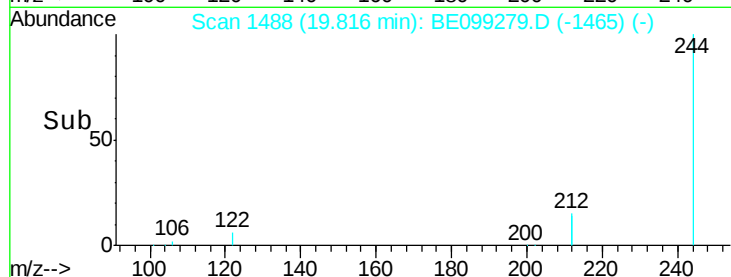
LOD-MDL-SOIL-01-QT1-2019



Tgt Ion:	244	Resp:	25378
Ion Ratio	Lower	Upper	
244	100		
212	29.2	22.7	34.1
122	6.1	5.8	8.6

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#30

Benzo(a)anthracene

Concen: 0.092 ng

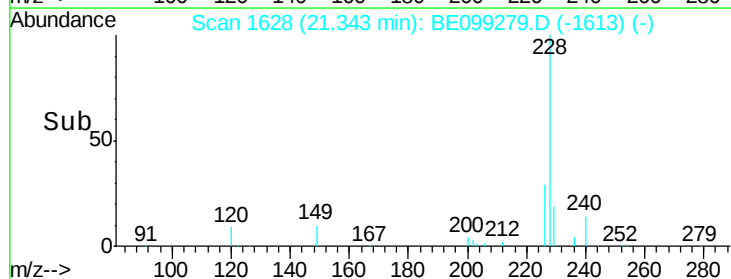
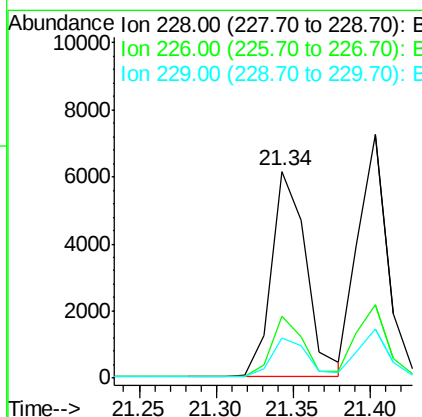
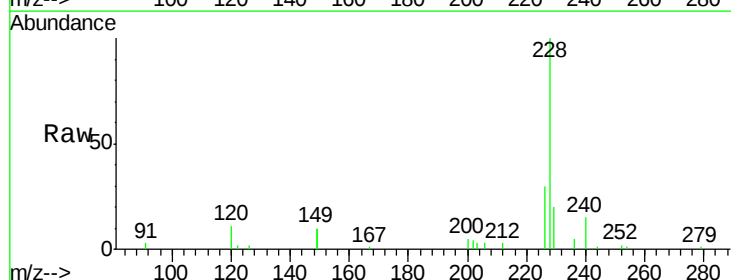
RT: 21.34 min Scan# 1628

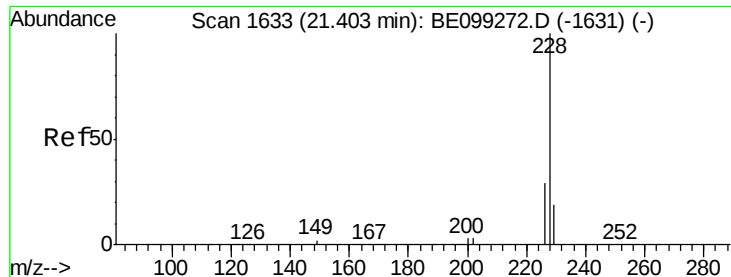
Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Tgt Ion:	228	Resp:	9511
Ion Ratio	Lower	Upper	
228	100		
226	29.8	21.7	32.5
229	19.6	15.9	23.9





#31

Chrysene

Concen: 0.095 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

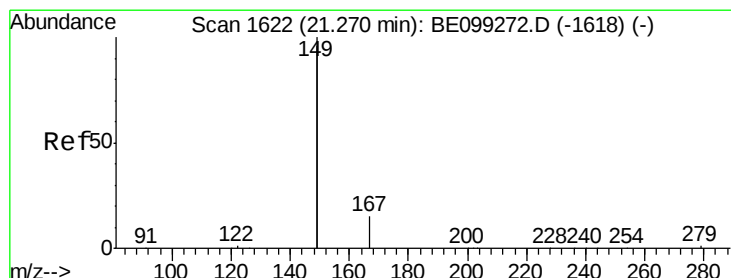
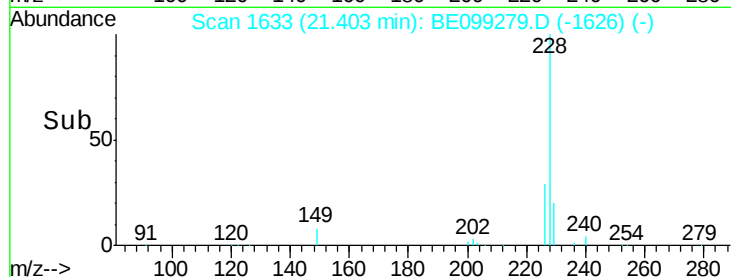
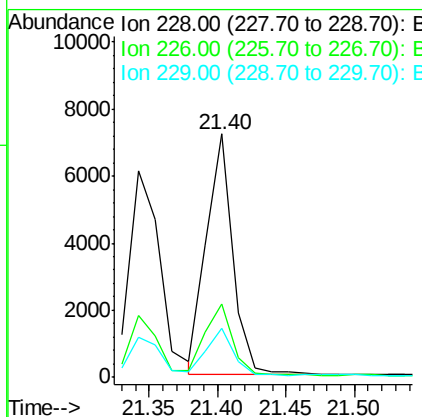
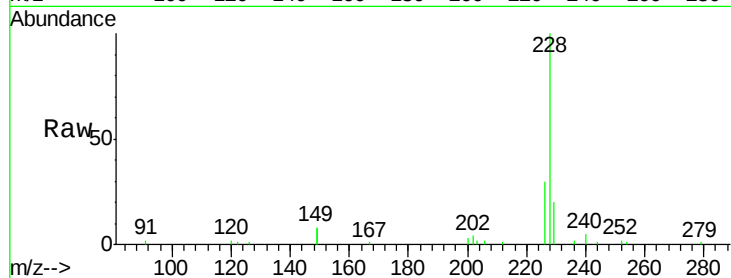
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	228	Resp:	9608
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.8	37.2
229	20.2	15.4	23.0

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

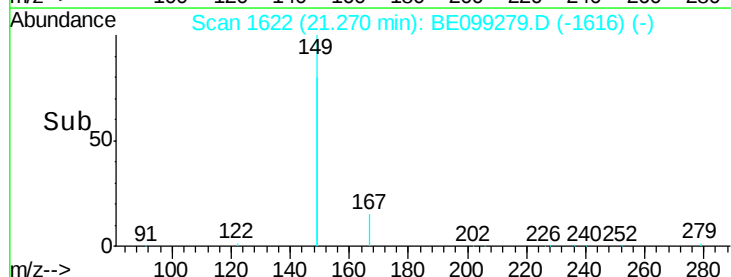
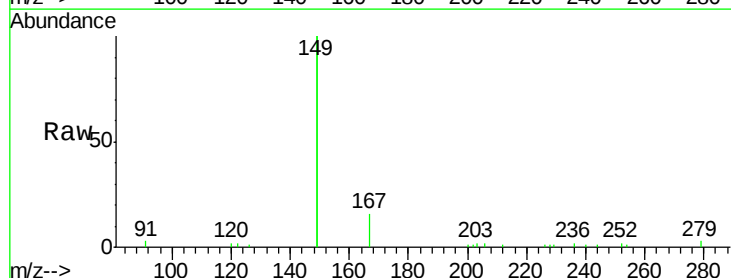
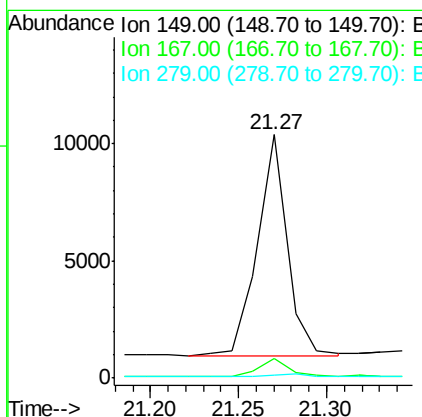
RT: 21.27 min Scan# 1622

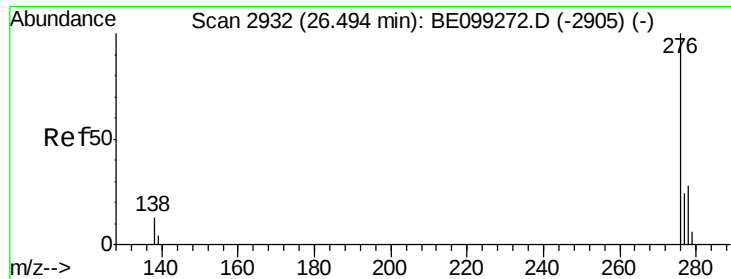
Delta R.T. -0.02 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

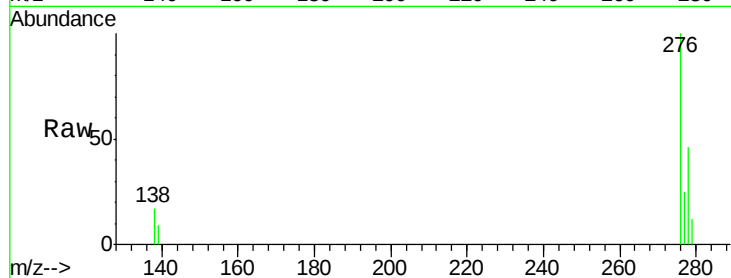
Tgt Ion:	149	Resp:	10989
Ion Ratio	Lower	Upper	
149	100		
167	8.0	5.9	8.9
279	1.5	1.0	1.6





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.096 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.05 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10

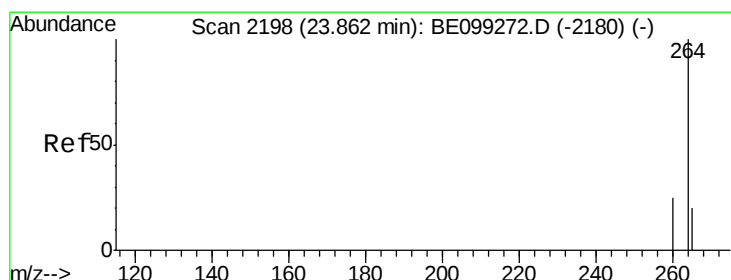
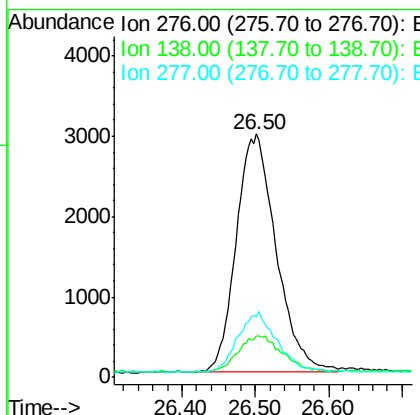
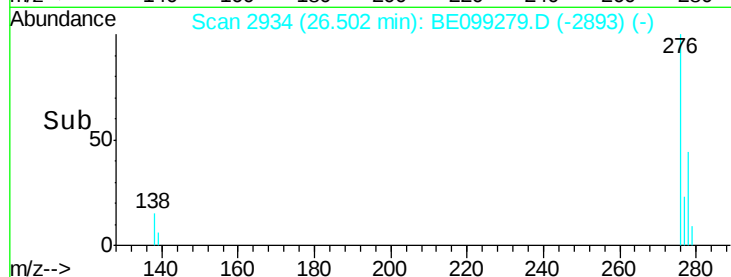
Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019



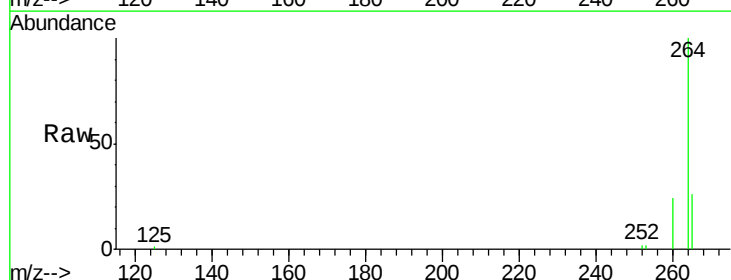
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.9	19.3
277	24.0	18.3	27.5

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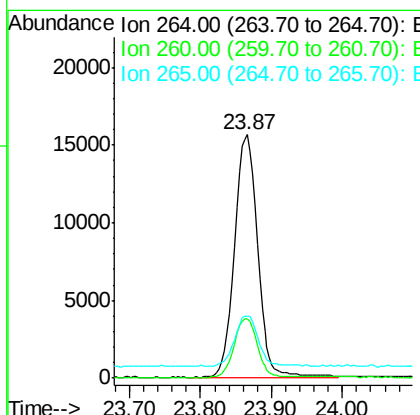
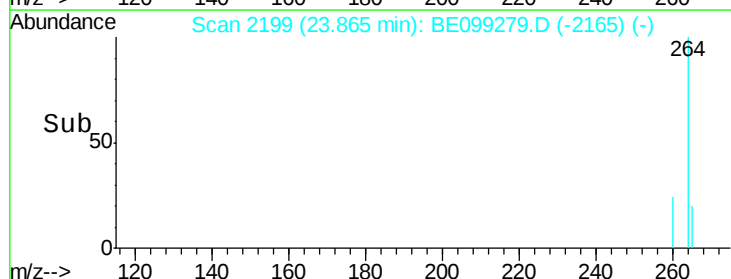
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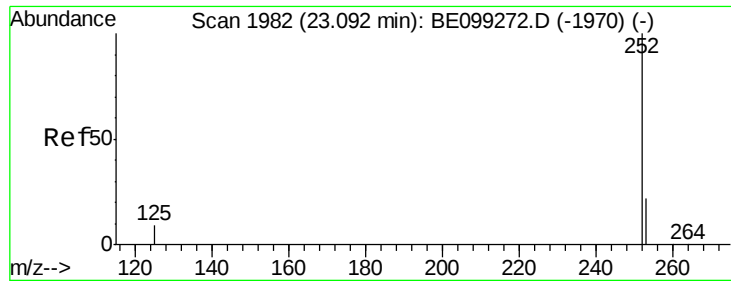


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.03 min
 Lab File: BE099279.D
 Acq: 2 Apr 2019 18:10



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	25.6	21.8	32.8





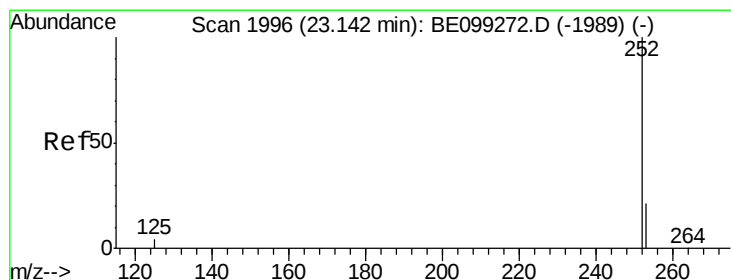
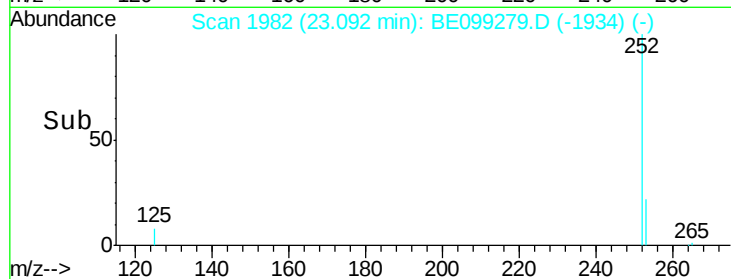
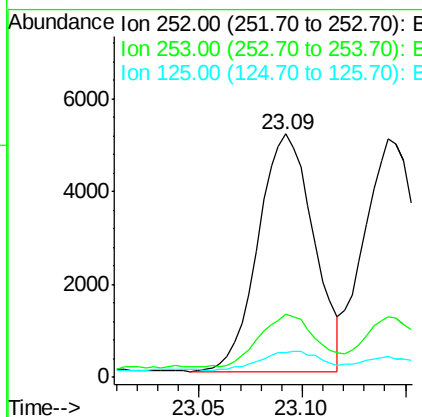
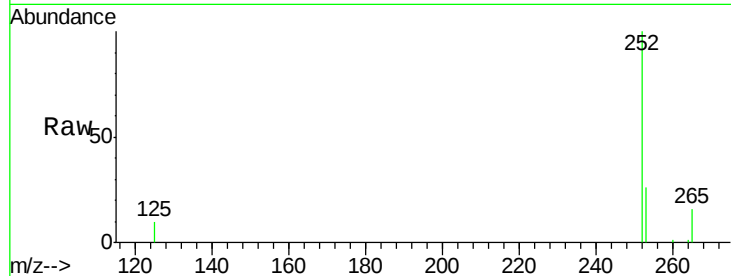
#35
Benzo(b)fluoranthene
Concen: 0.091 ng m
RT: 23.09 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.8
125	10.4	6.1	9.1#

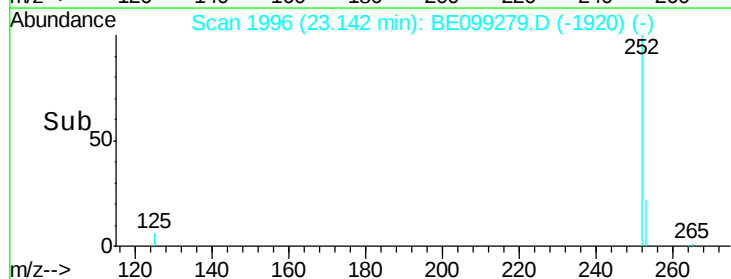
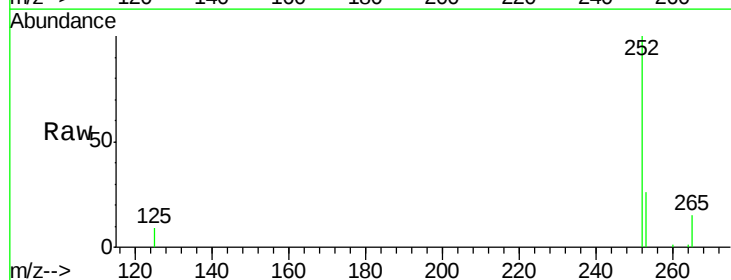
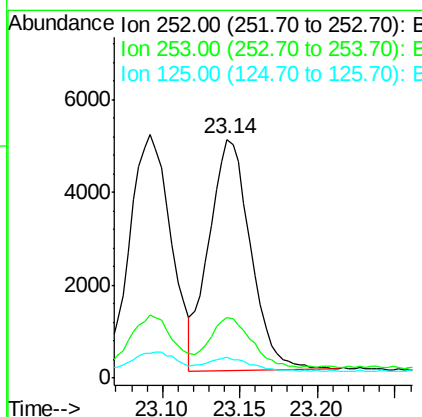
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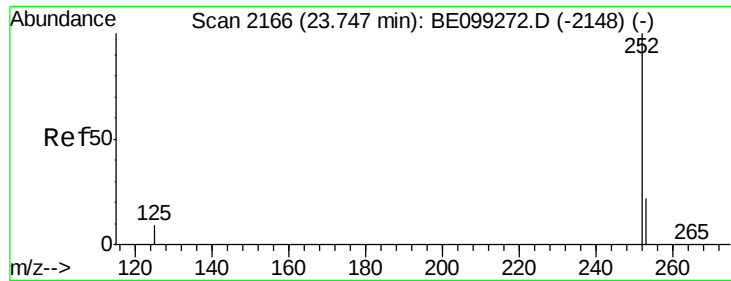
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#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	8.9	5.9	8.9#





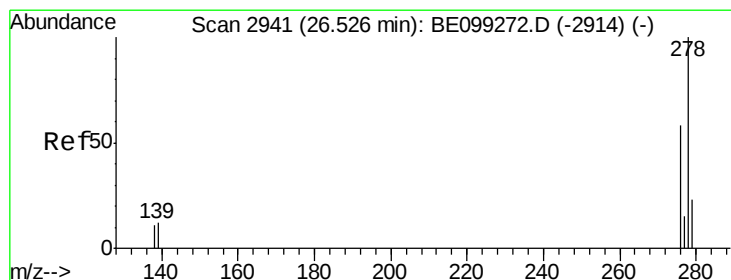
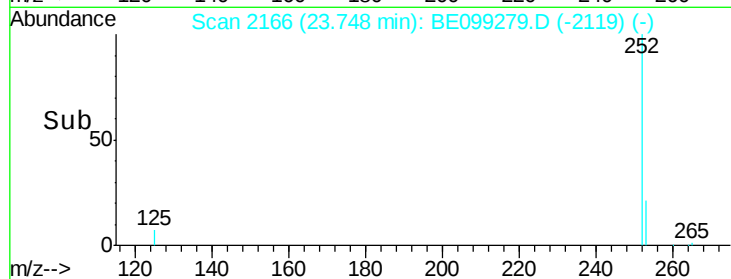
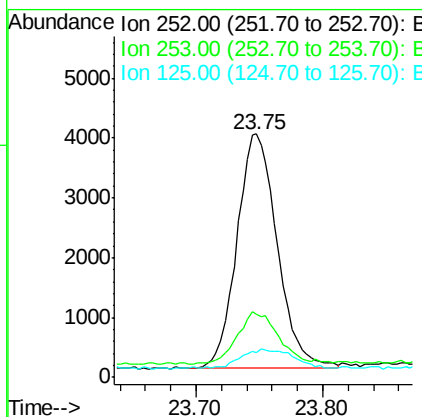
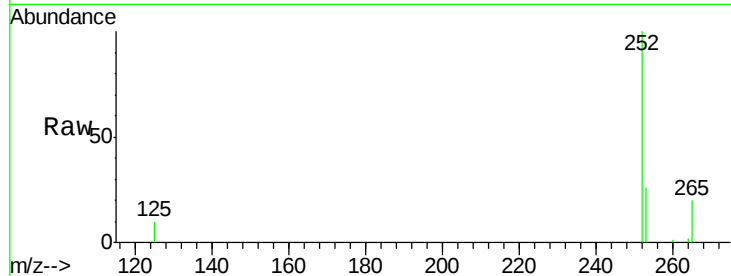
#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	10.4	6.8	10.2

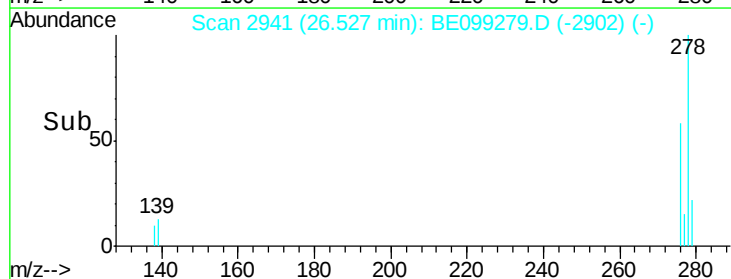
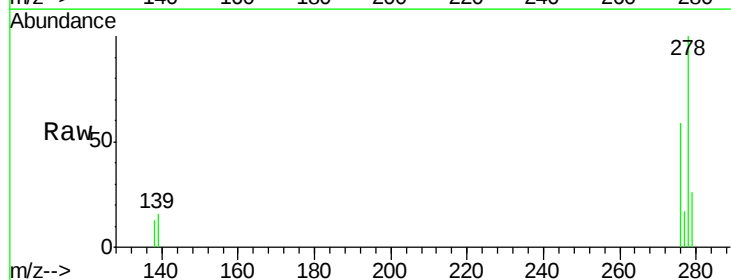
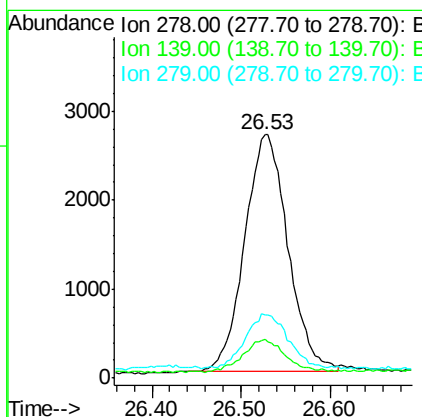
Manual Integrations
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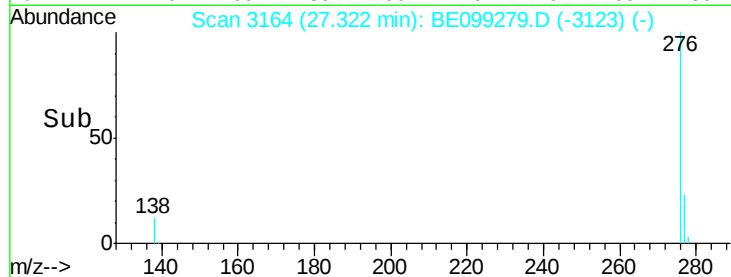
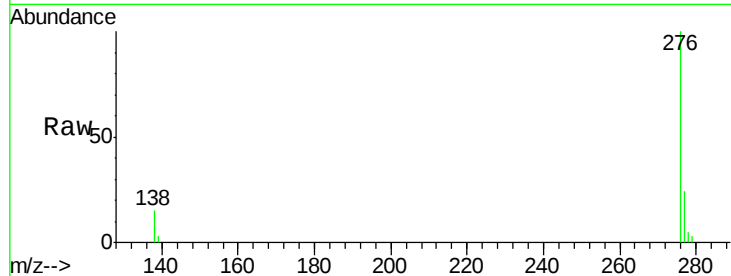
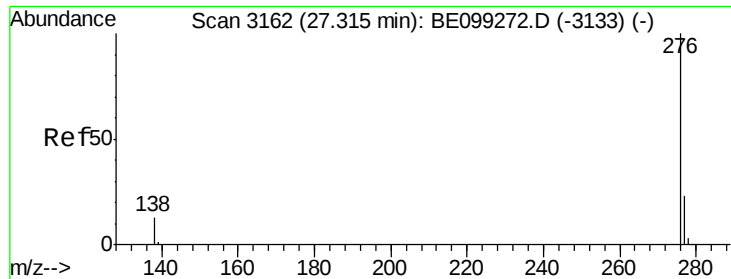
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#38
Dibenzo(a,h)anthracene
Concen: 0.091 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.06 min
Lab File: BE099279.D
Acq: 2 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.5	14.3
279	25.9	19.1	28.7





#39

Benzo(g,h,i)perylene

Concen: 0.095 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.05 min

Lab File: BE099279.D

Acq: 2 Apr 2019 18:10

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2019

Tgt Ion:	276	Resp:	9294
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.4
138	14.5	11.1	16.7

Manual Integrations
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