

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099896.D
 Acq On : 10 Jun 2019 18:44
 Operator : JU/SJ
 Sample : K2241-02
 Misc : LOO-SOIL-0.2PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:39:12 AM

Quant Time: Jun 11 15:48:17 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	606	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2088	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1650	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5694	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7612	0.40	ng	0.00
34) Perylene-d12	23.94	264	8982	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.35	112	2055	1.26	ng	0.00
5) Phenol-d6	6.97	99	2667	1.27	ng	0.00
8) Nitrobenzene-d5	8.96	82	1762	0.89	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	1330	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	1337	1.10	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5976	0.96	ng	0.00
25) Fluoranthene-d10	19.25	212	28419	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	16846	1.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	214	0.239	ng	91
3) n-Nitrosodimethylamine	3.61	42	137m	0.265	ng	
6) bis(2-Chloroethyl)ether	7.22	93	357	0.207	ng	# 67
9) Naphthalene	10.65	128	4928	0.219	ng	# 96
10) Hexachlorobutadiene	10.93	225	387	0.225	ng	98
12) 2-Methylnaphthalene	12.30	142	780	0.213	ng	96
16) Acenaphthylene	14.20	152	1670	0.203	ng	98
17) Acenaphthene	14.53	154	941	0.210	ng	98
18) Fluorene	15.52	166	1414	0.211	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	600	0.186	ng	# 91
21) Hexachlorobenzene	16.52	284	694	0.210	ng	99
22) Pentachlorophenol	17.00	266	112m	0.370	ng	
23) Phenanthrene	17.27	178	2762	0.200	ng	100
24) Anthracene	17.36	178	2217	0.175	ng	99
26) Fluoranthene	19.28	202	4805	0.205	ng	100
28) Pyrene	19.64	202	4776	0.239	ng	99
30) Benzo(a)anthracene	21.39	228	4654	0.205	ng	98
31) Chrysene	21.44	228	5605	0.238	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	6478	0.198	ng	99
33) Indeno(1,2,3-cd)pyrene	26.62	276	6249	0.224	ng	99
35) Benzo(b)fluoranthene	23.15	252	5152m	0.205	ng	
36) Benzo(k)fluoranthene	23.20	252	5782	0.220	ng	# 95
37) Benzo(a)pyrene	23.82	252	5398	0.218	ng	# 91
38) Dibenzo(a,h)anthracene	26.65	278	4951	0.198	ng	# 92
39) Benzo(g,h,i)perylene	27.44	276	5514	0.214	ng	# 97

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

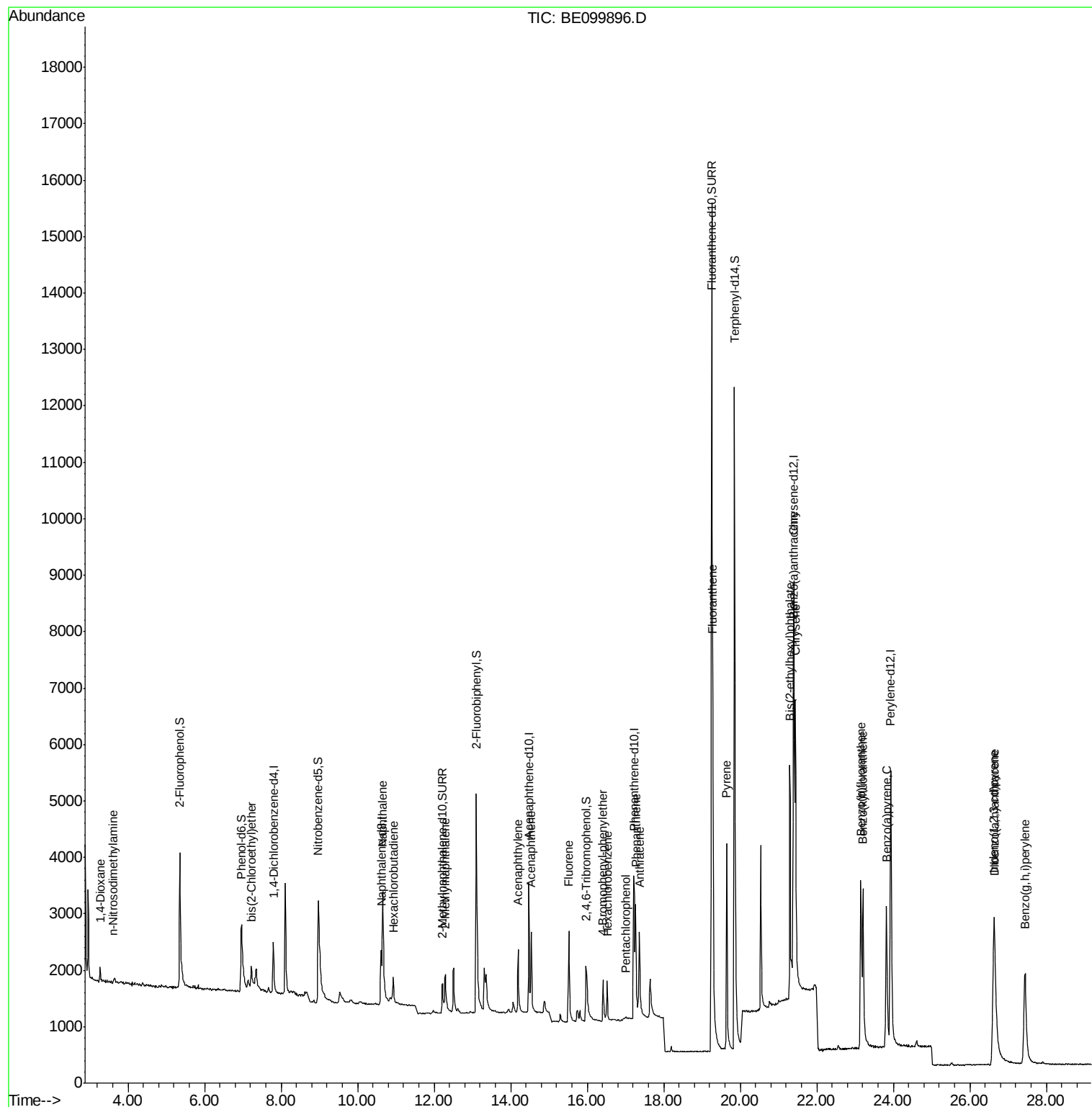
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099896.D
Acq On : 10 Jun 2019 18:44
Operator : JU/SJ
Sample : K2241-02
Misc : LOQ-SOIL-0.2PPM
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Instrument :
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Manual Integrations
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Quant Time: Jun 11 15:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

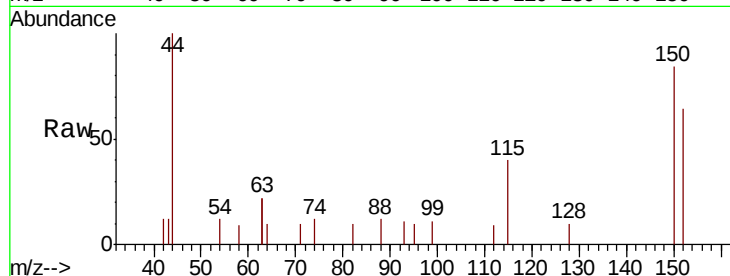
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.1	111.0	166.6
115	62.5	50.7	76.1

Manual Integrations
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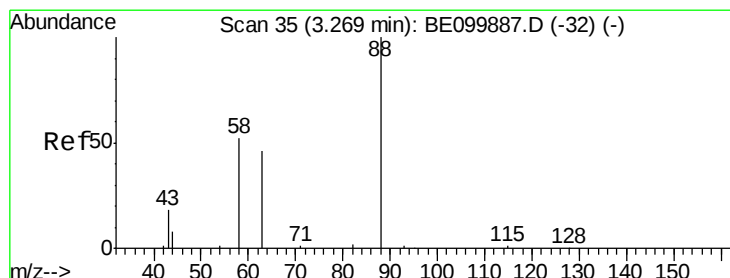
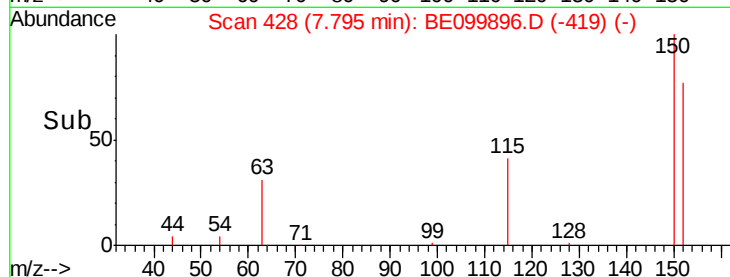
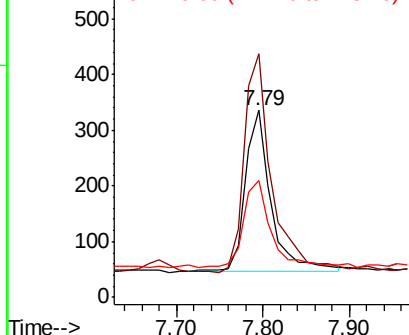


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

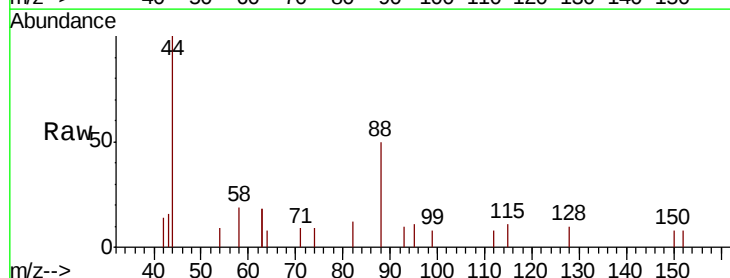
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.239 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.7	48.8	73.2
43	19.2	19.0	28.6

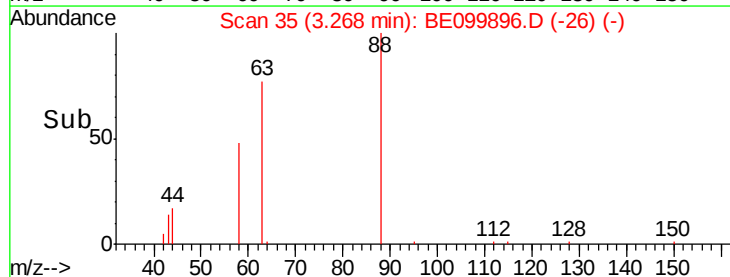
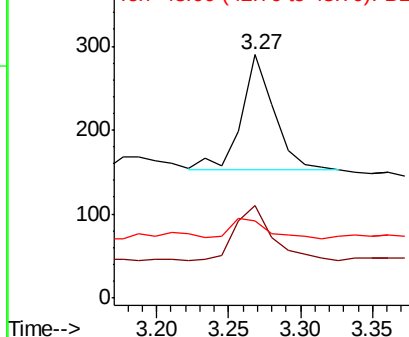


Abundance

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

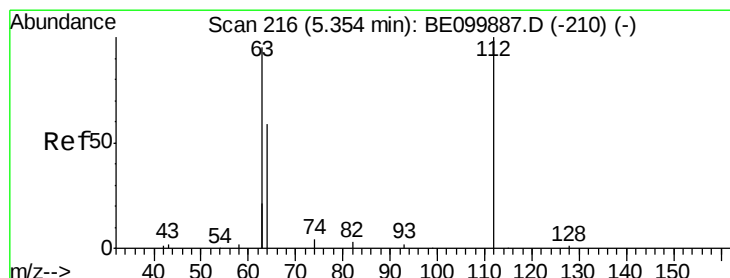
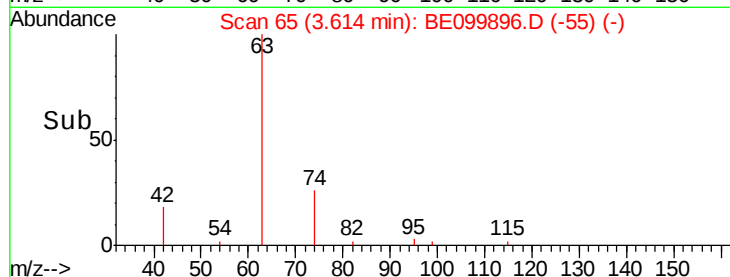
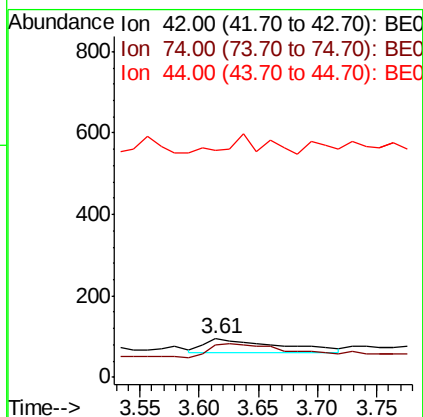
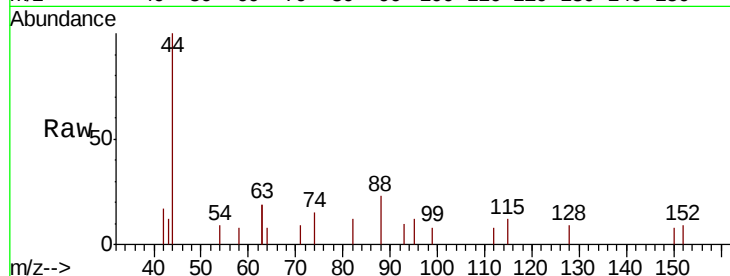
n-Nitrosodimethylamine
 Concen: 0.265 ng/ml
 RT: 3.61 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: BE099896.D
 Acq: 10 Jun 2019 18:44

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Tot Ion:	42	Resp:	137
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

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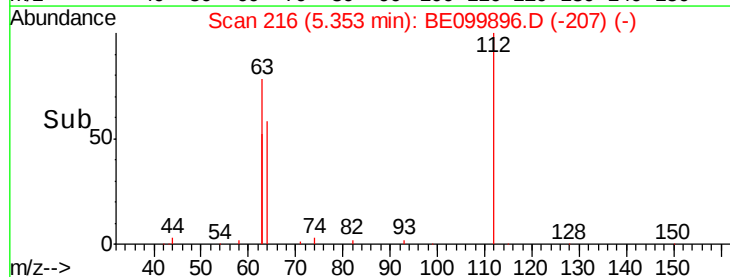
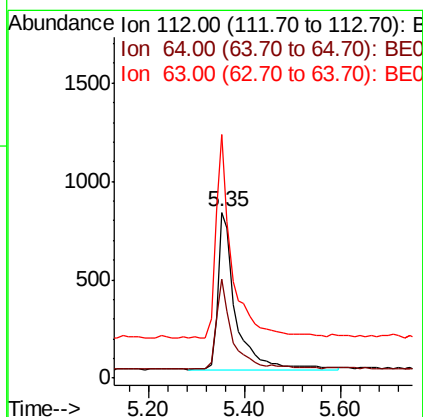
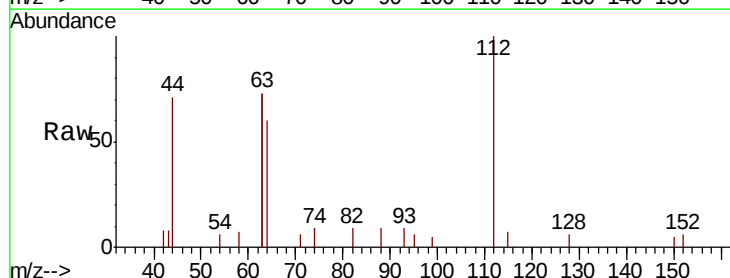
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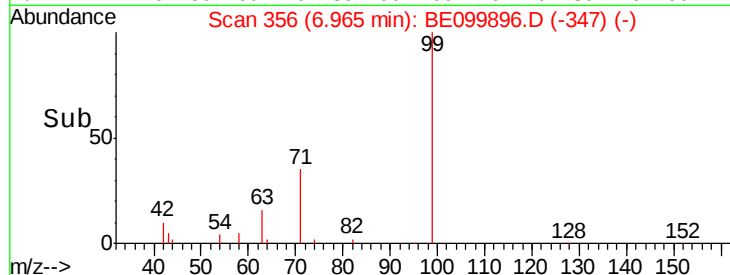
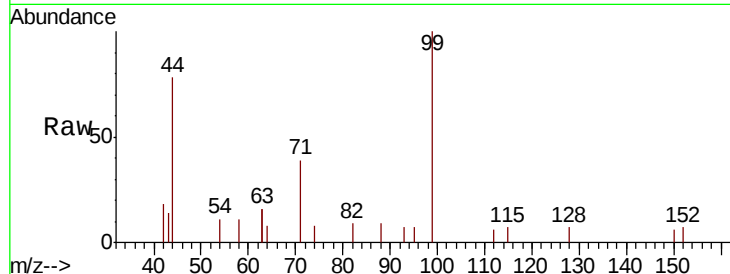


#4

2-Fluorophenol
 Concen: 1.256 ng
 RT: 5.35 min Scan# 216
 Delta R.T. -0.00 min
 Lab File: BE099896.D
 Acq: 10 Jun 2019 18:44

Tgt Ion:	112	Resp:	2055
Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.1	66.1
63	116.5	87.8	131.6





#5

Phenol-d6

Concen: 1.266 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tot Ion:	99	Resp:	2667
Ion	Ratio	Lower	Upper
99	100		
42	12.0	15.9	23.9#
71	36.8	34.6	52.0

Instrument :

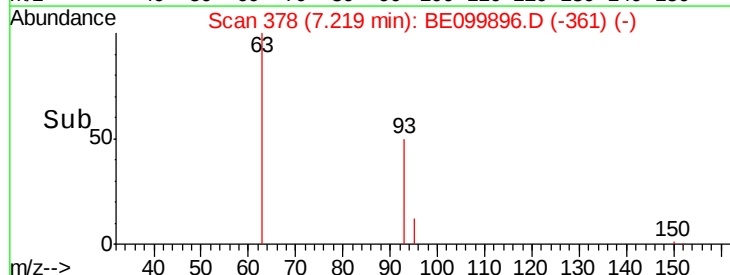
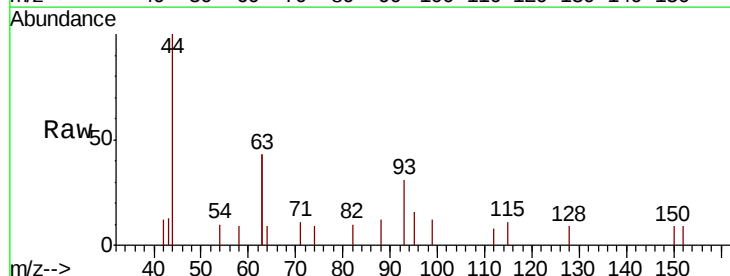
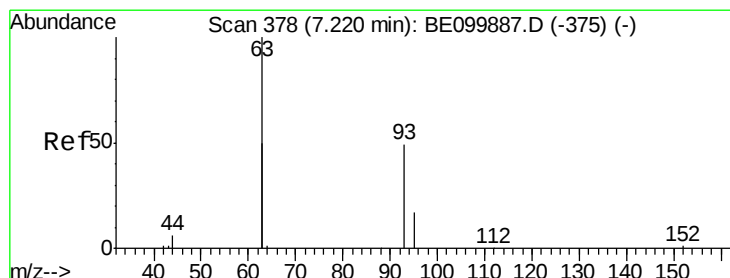
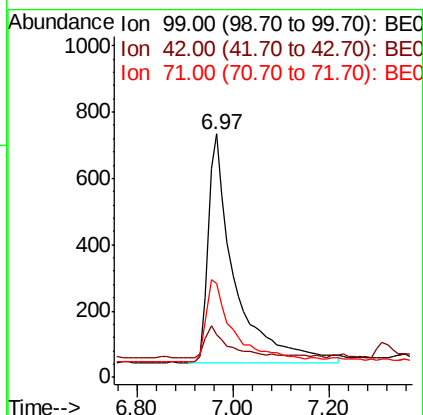
BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2019

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.207 ng

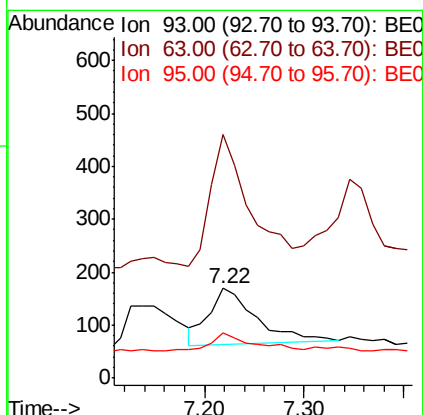
RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:	93	Resp:	357
Ion	Ratio	Lower	Upper
93	100		
63	188.2	202.8	304.2#
95	29.1	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

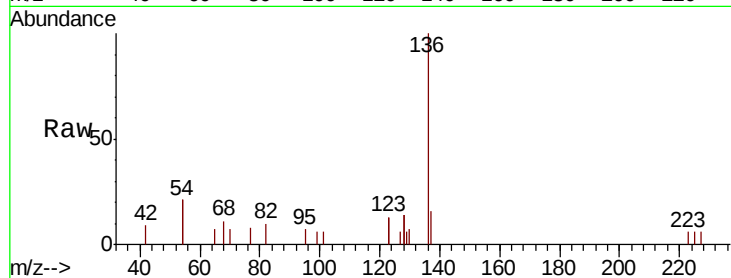
ClientSampleId :

LOQ-SOIL-02-QT2-2019

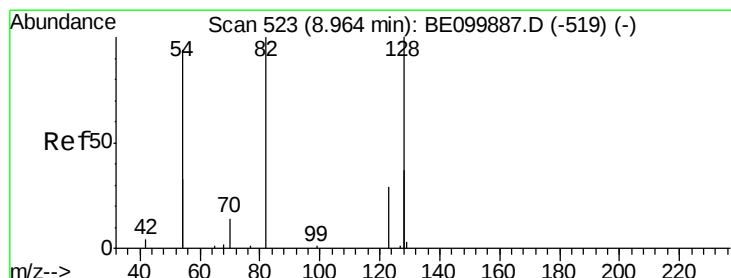
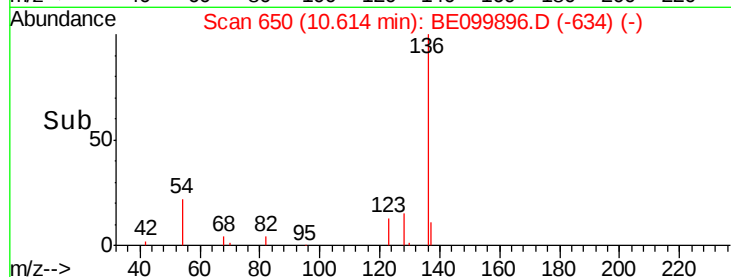
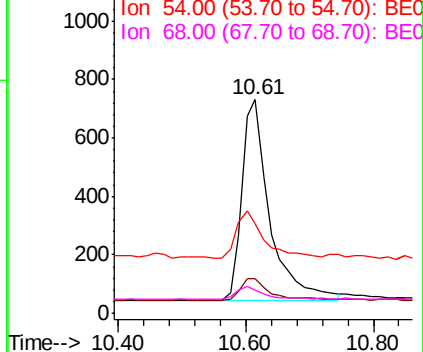
Tot Ion	Ratio	Lower	Upper
136	100		
137	16.4	12.3	18.5
54	42.1	28.2	42.4
68	10.7	7.8	11.8

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.891 ng

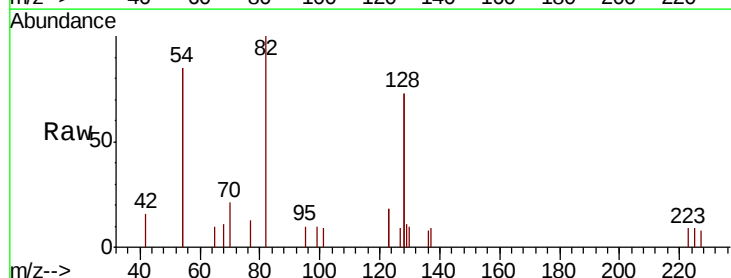
RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

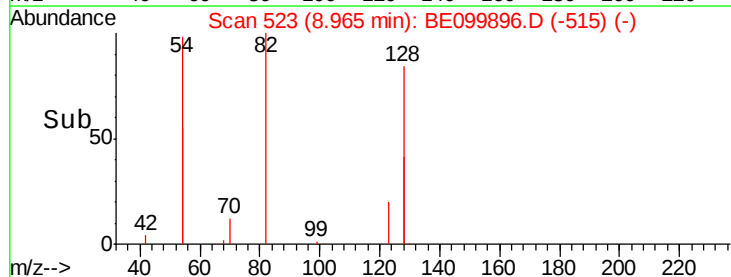
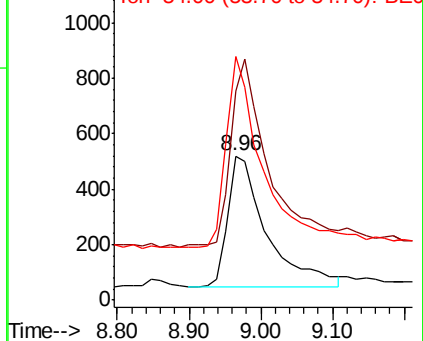
Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	145.3	137.3	205.9
54	169.2	129.7	194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.219 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

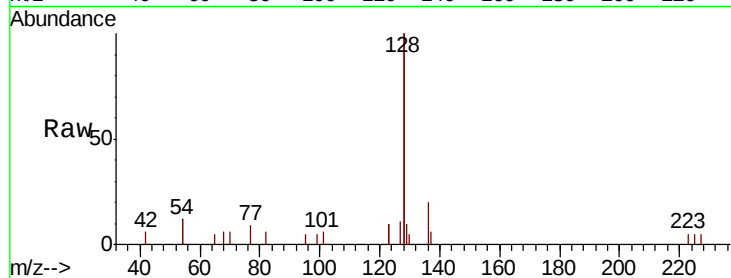
ClientSampleId :

LOQ-SOIL-02-QT2-2019

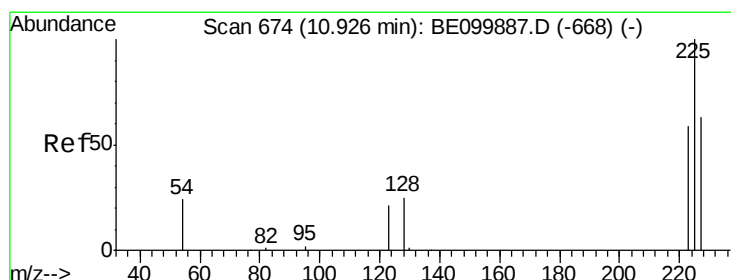
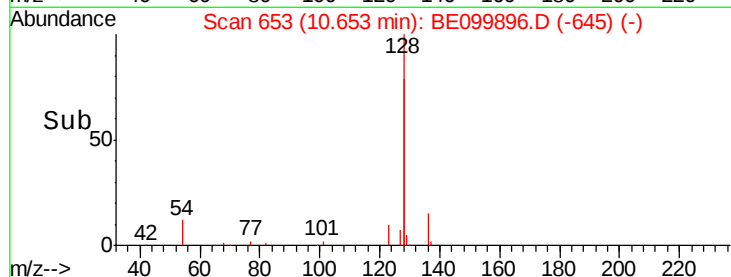
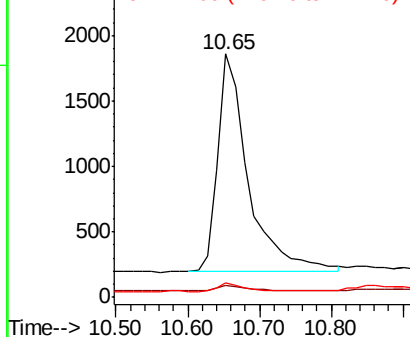
Tot Ion:	128	Resp:	4928
Ion Ratio	Lower	Upper	
128	100		
129	4.9	3.0	4.6#
127	5.7	3.4	5.0#

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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: 0.225 ng

RT: 10.93 min Scan# 674

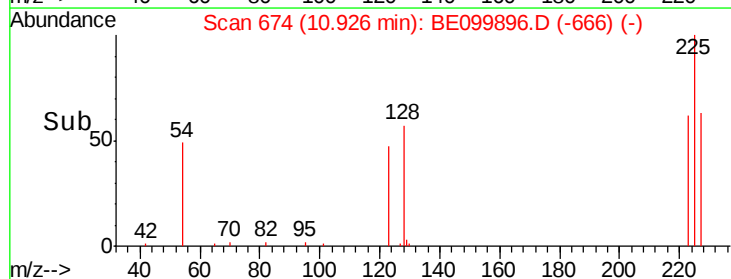
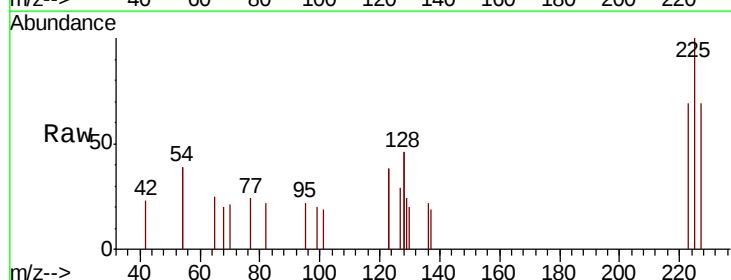
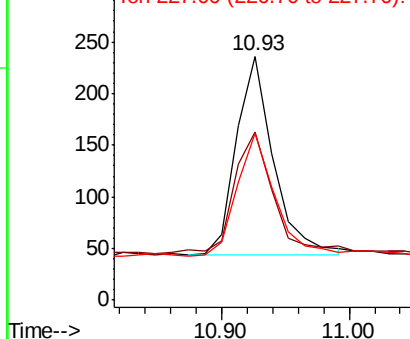
Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:	225	Resp:	387
Ion Ratio	Lower	Upper	
225	100		
223	61.8	51.6	77.4
227	63.3	50.6	76.0

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





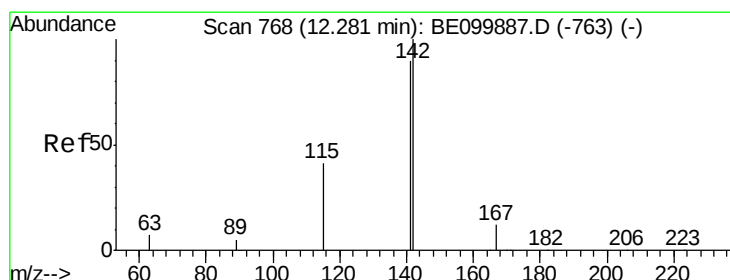
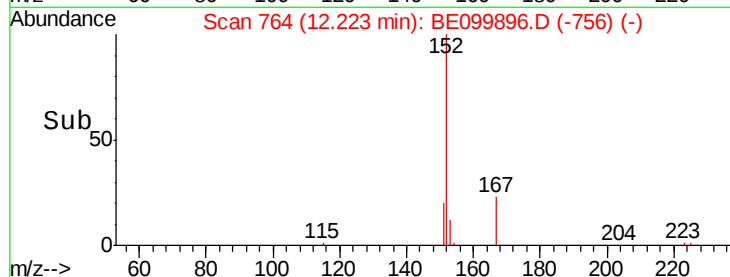
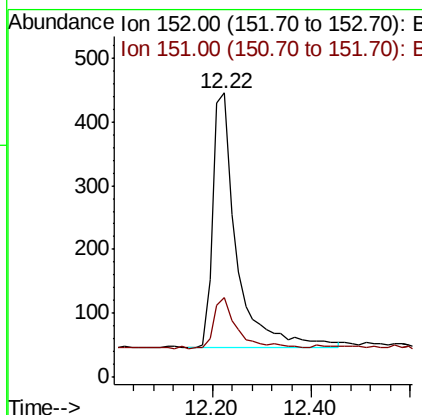
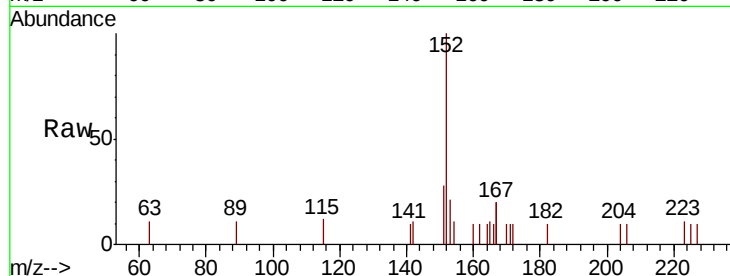
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8

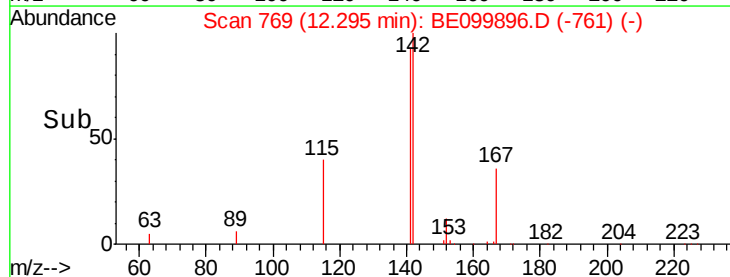
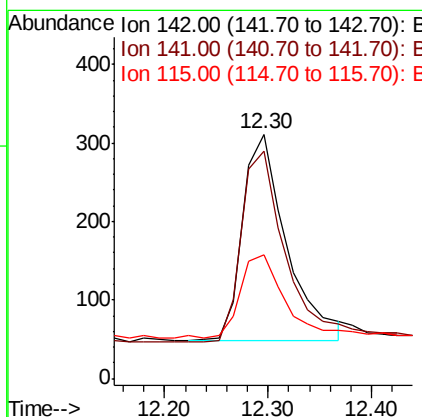
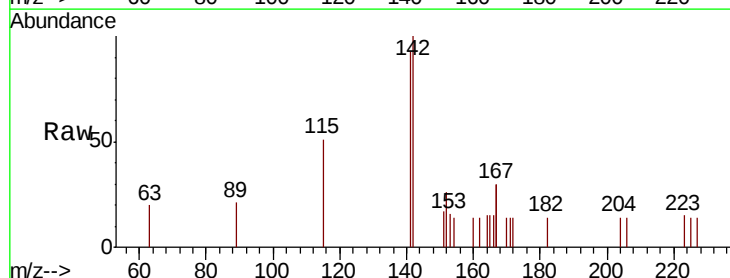
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#12
2-Methylnaphthalene
Concen: 0.213 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
115	50.8	36.4	54.6





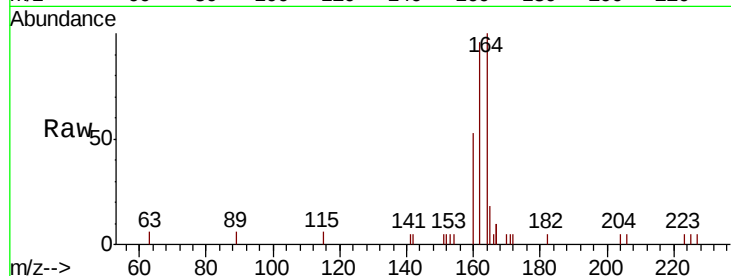
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.8	116.8
160	52.7	38.2	57.4

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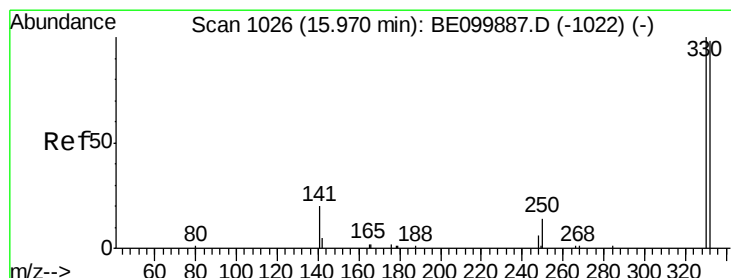
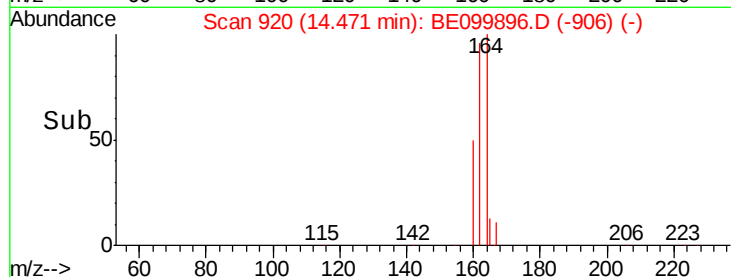
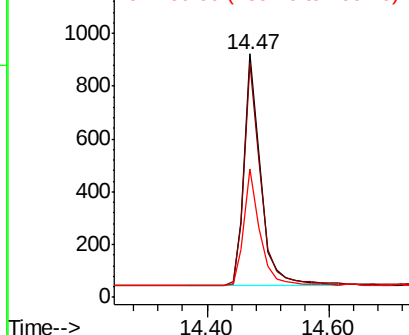


Abundance

Ion 164.00 (163.70 to 164.70): E

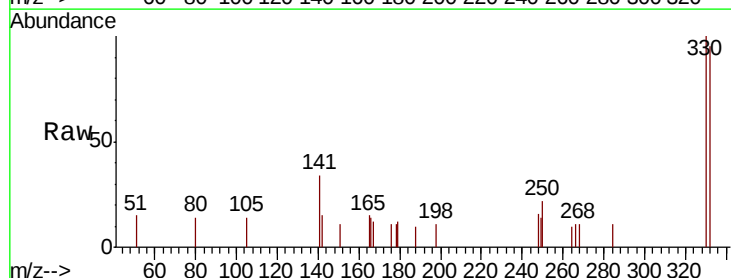
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 1.096 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.7	115.1
141	24.2	21.0	31.6

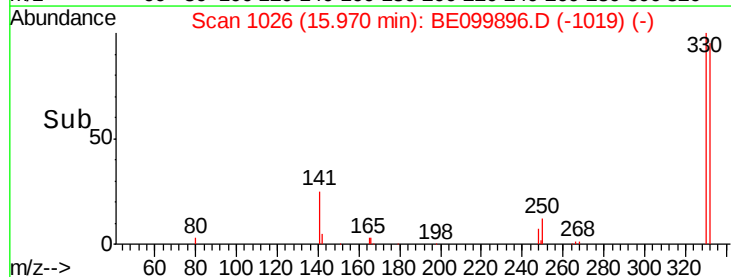
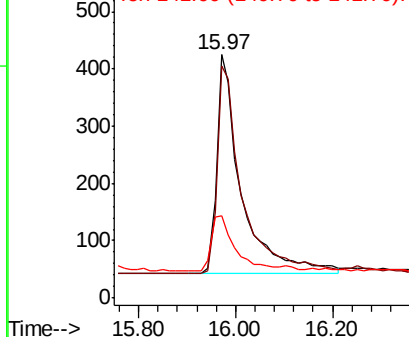


Abundance

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





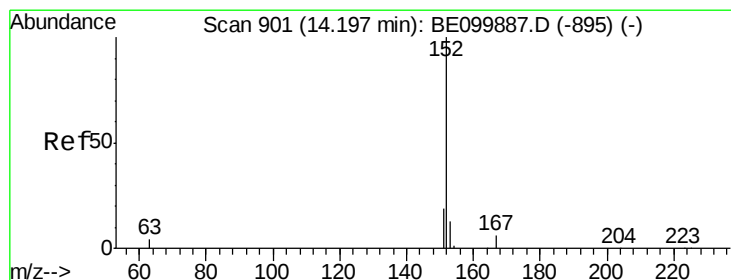
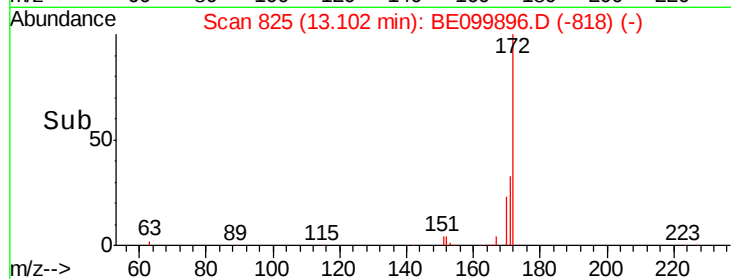
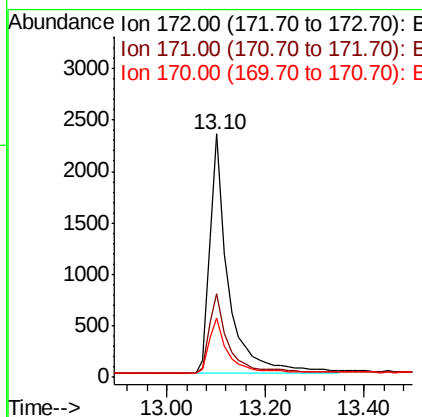
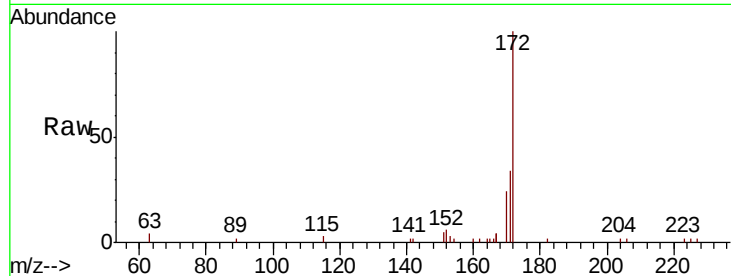
#15
2-Fluorobiphenyl
Concen: 0.955 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.2	43.8
170	24.2	21.2	31.8

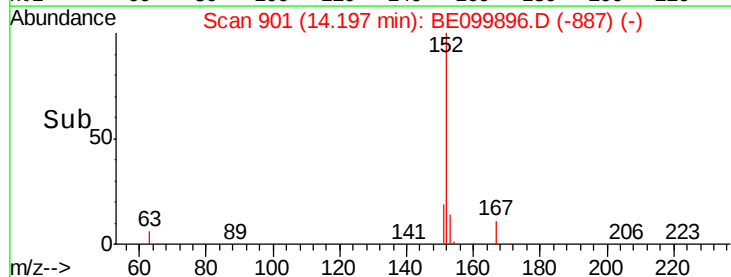
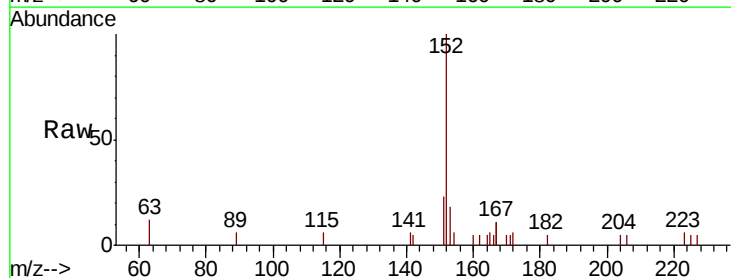
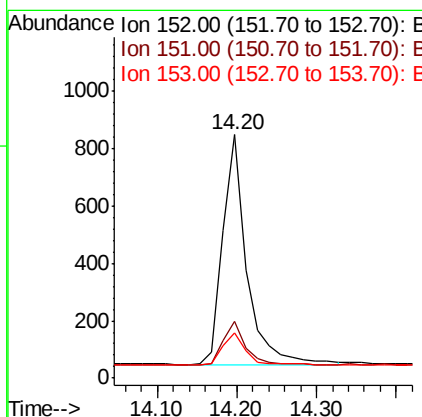
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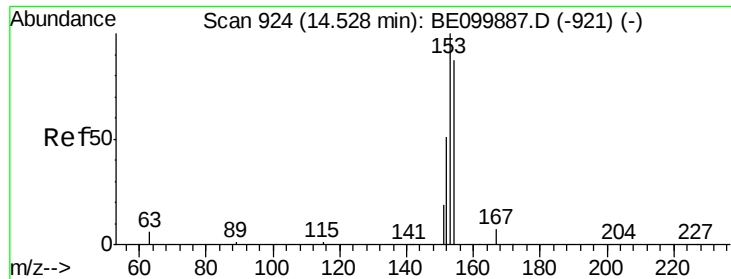
mohammad
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#16
Acenaphthylene
Concen: 0.203 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3
153	14.3	10.2	15.2





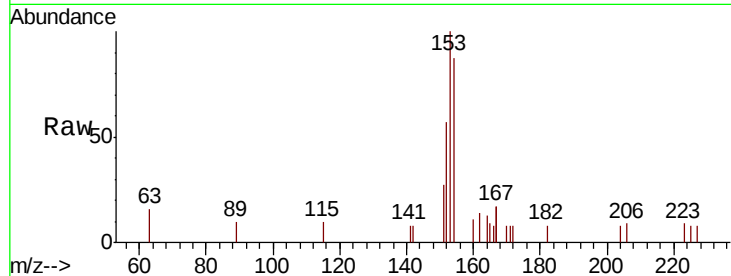
#17
Acenaphthene
Concen: 0.210 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	93.1	139.7
152	59.6	47.0	70.4

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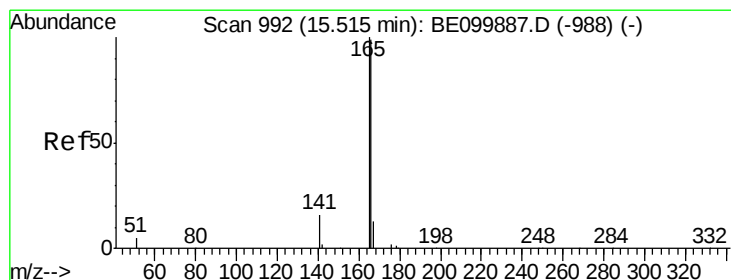
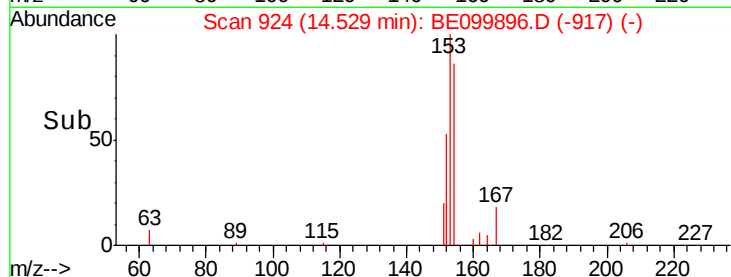
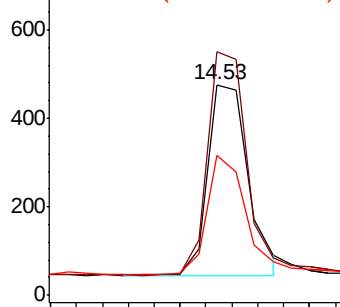


Abundance

Ion 154.00 (153.70 to 154.70): E

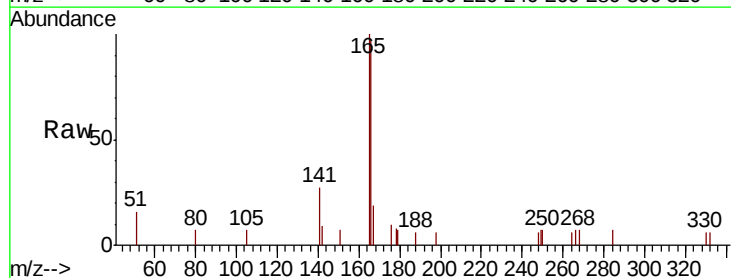
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.211 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.8	122.8
167	13.7	11.2	16.8

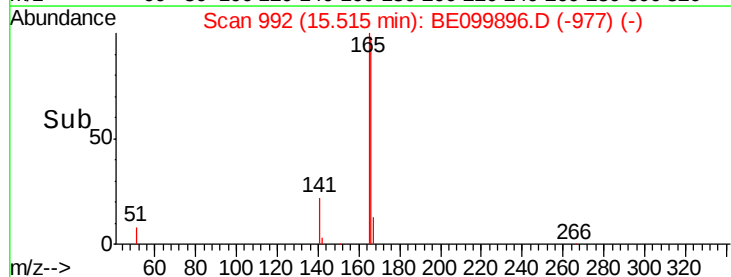
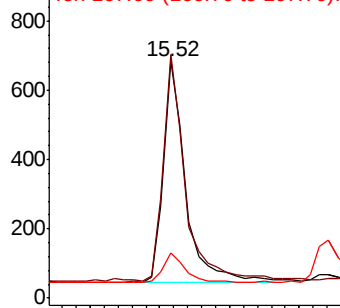


Abundance

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

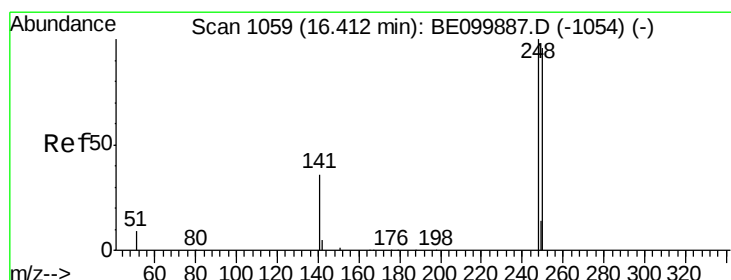
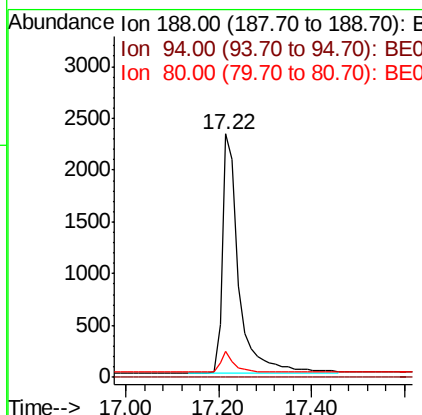
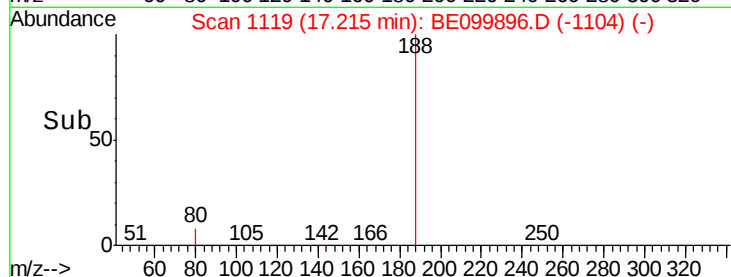
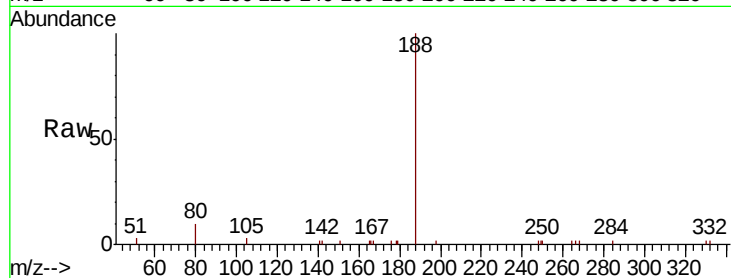
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:	188	Resp:	5694
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	6.4	9.6#

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#20

4-Bromophenyl-phenylether

Concen: 0.186 ng

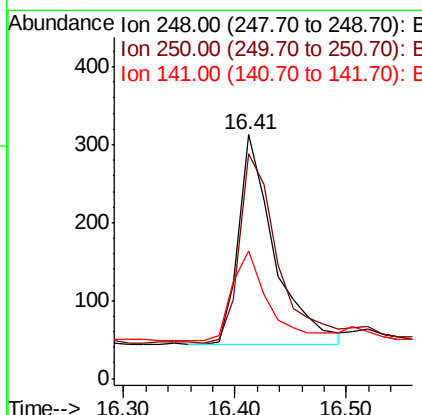
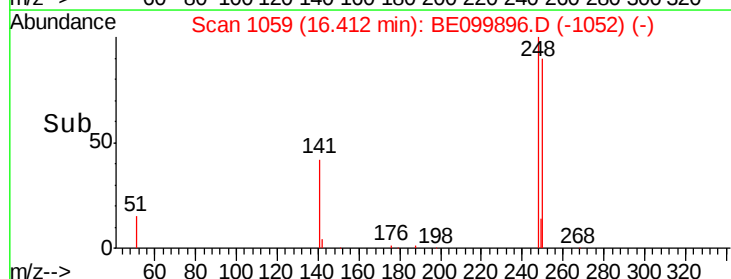
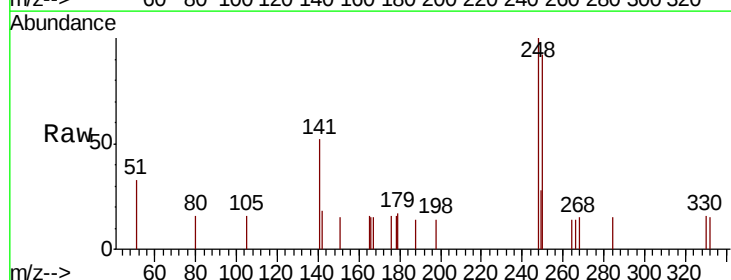
RT: 16.41 min Scan# 1059

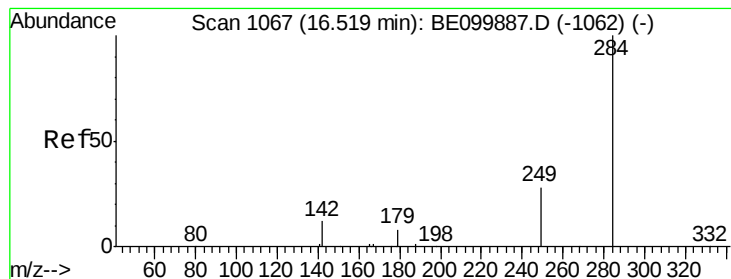
Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:	248	Resp:	600
Ion Ratio	Lower	Upper	
248	100		
250	92.3	77.5	116.3
141	52.4	31.8	47.8#





#21

Hexachlorobenzene

Concen: 0.210 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

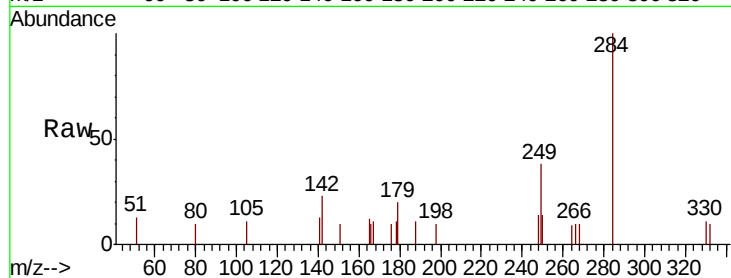
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:	284	Resp:	694
Ion Ratio	Lower	Upper	
284	100		
142	23.3	18.2	27.4
249	31.3	24.6	37.0

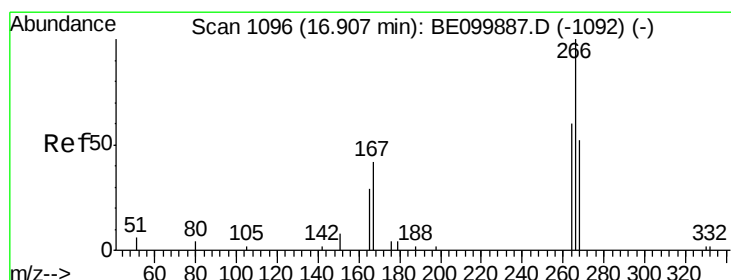
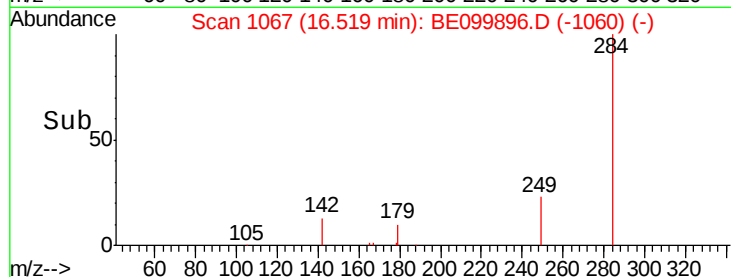
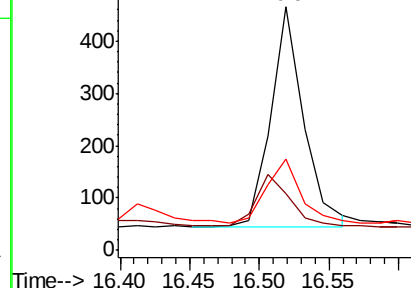
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

16.52



#22

Pentachlorophenol

Concen: 0.370 ng m

RT: 17.00 min Scan# 1103

Delta R.T. 0.09 min

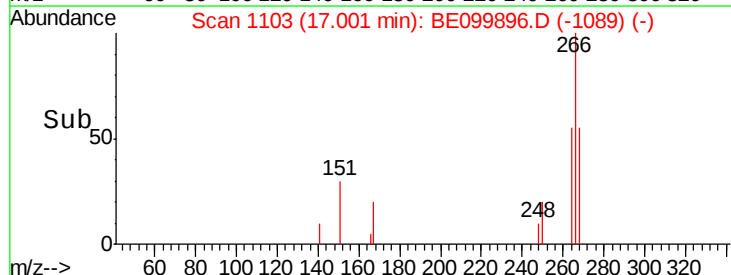
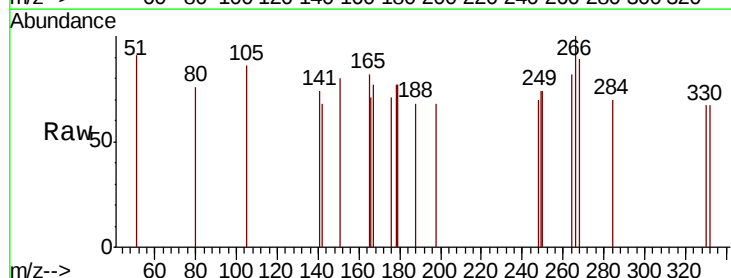
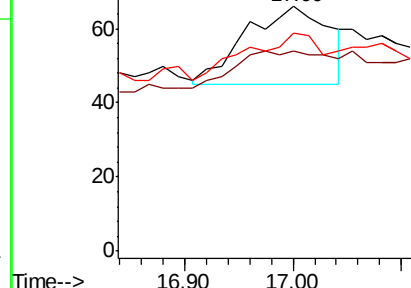
Lab File: BE099896.D

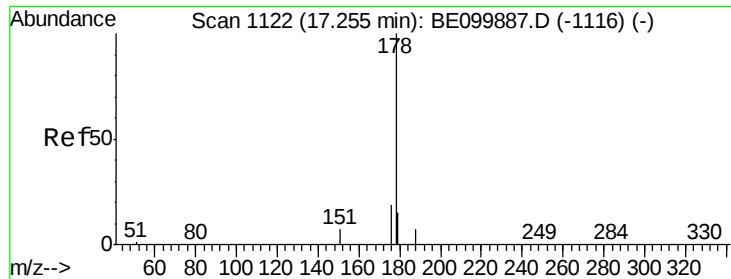
Acq: 10 Jun 2019 18:44

Tgt Ion:	266	Resp:	112
Ion Ratio	Lower	Upper	
266	100		
264	81.8	62.2	93.2
268	89.4	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

17.00





#23

Phenanthrene

Concen: 0.200 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

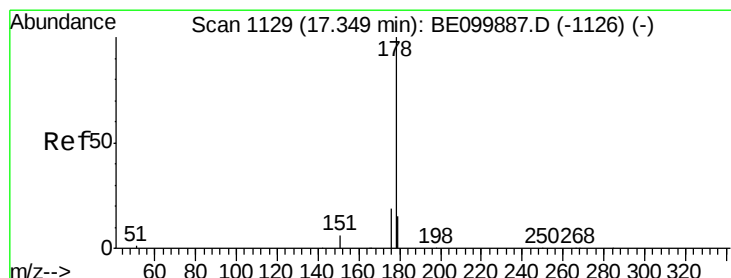
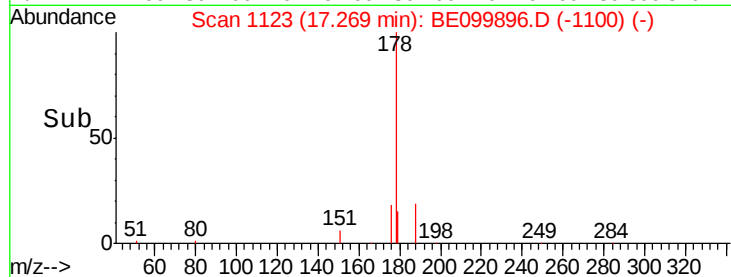
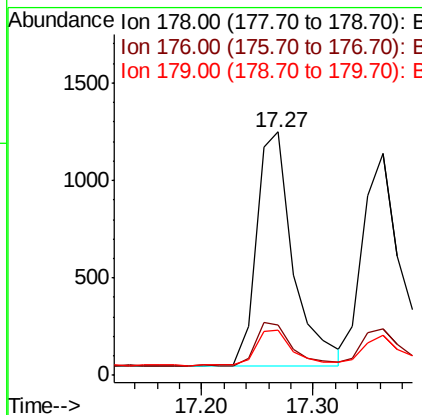
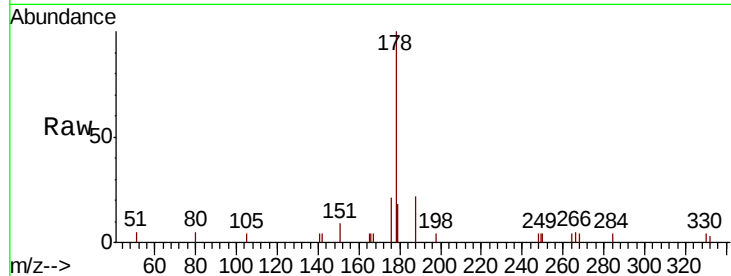
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:178	Resp:	2762
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.8 23.8
179	15.6	12.4 18.6

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#24

Anthracene

Concen: 0.175 ng

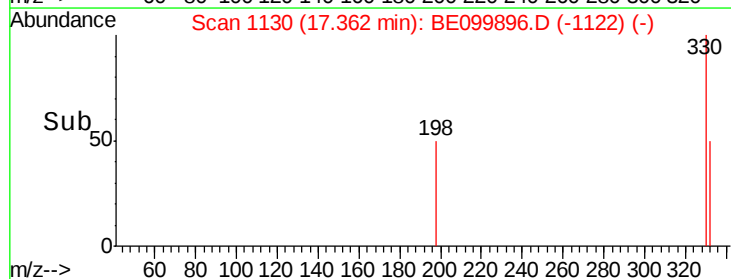
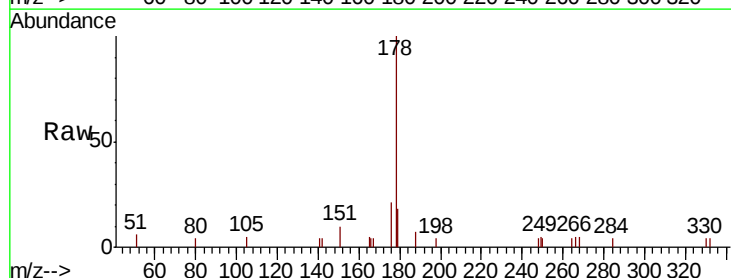
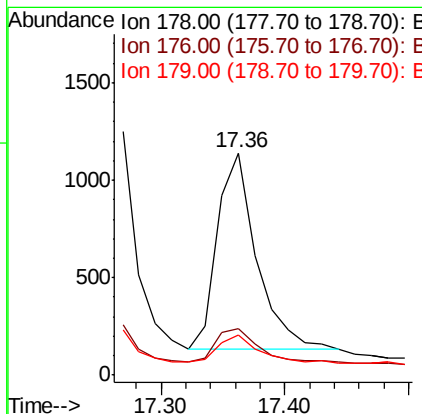
RT: 17.36 min Scan# 1130

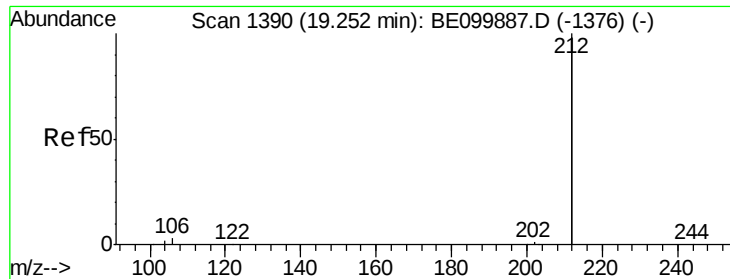
Delta R.T. 0.01 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:178	Resp:	2217
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.6 22.0
179	15.0	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

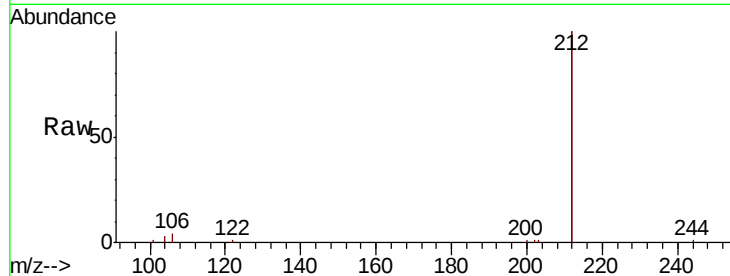
ClientSampleId :

LOQ-SOIL-02-QT2-2019

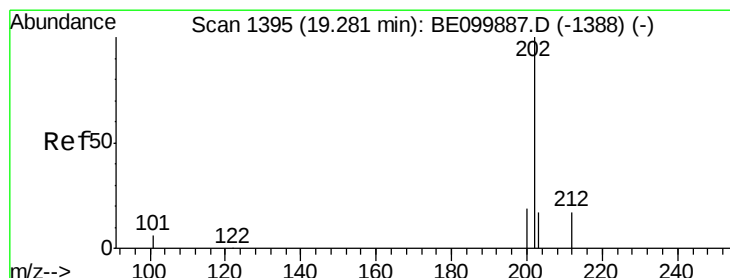
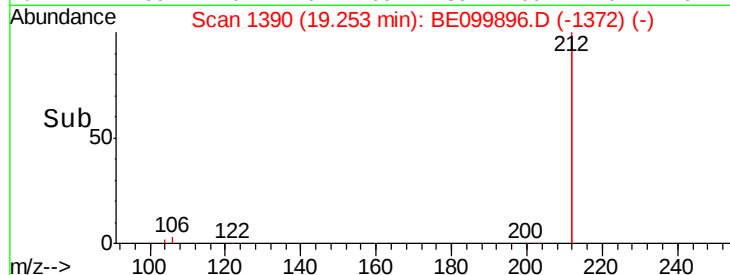
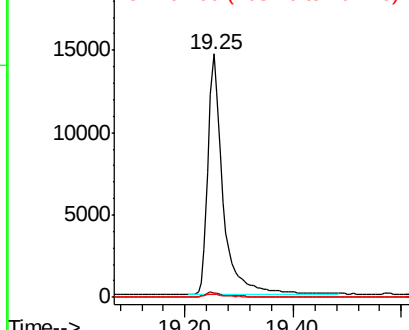
Tot Ion:	212	Resp:	28419
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

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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: 0.205 ng

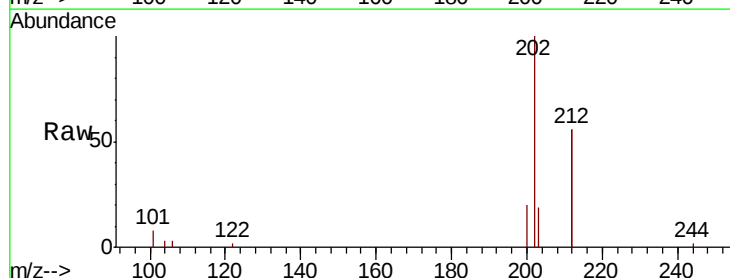
RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

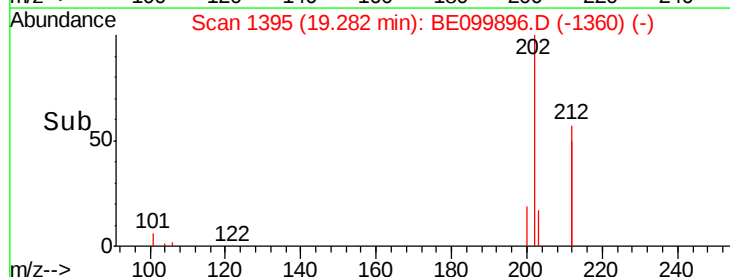
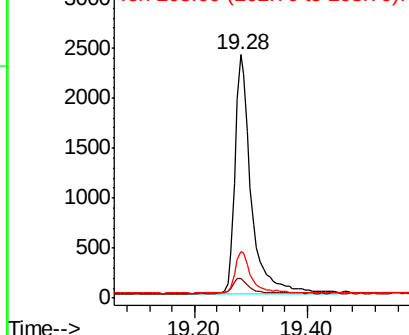
Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:	202	Resp:	4805
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.4	8.0
203	16.5	13.2	19.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





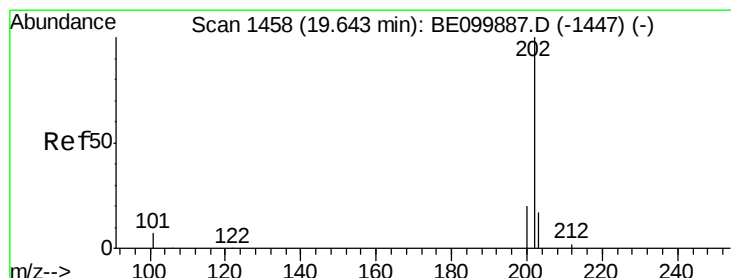
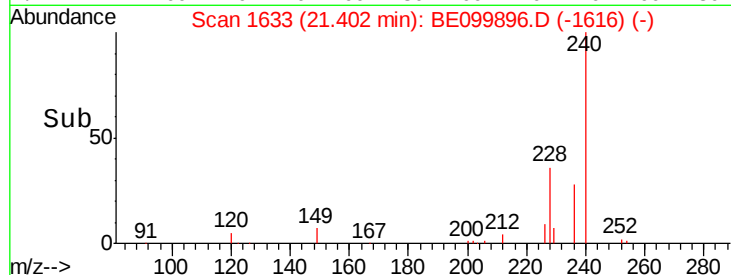
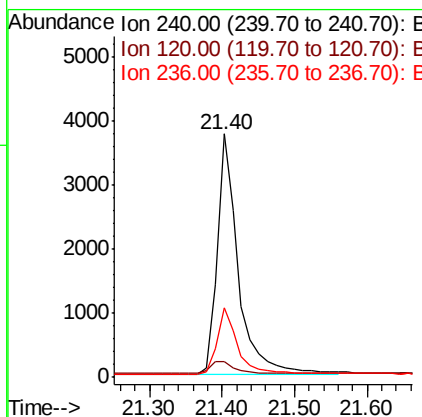
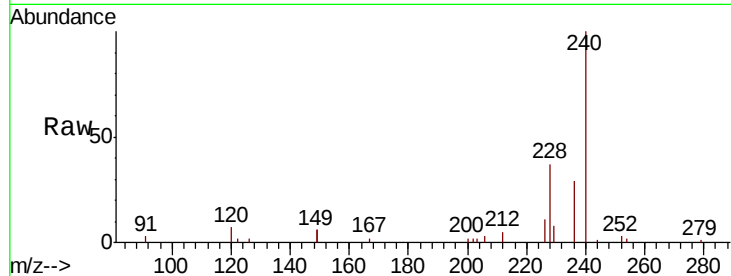
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	3.8	5.6#
236	28.5	22.0	33.0

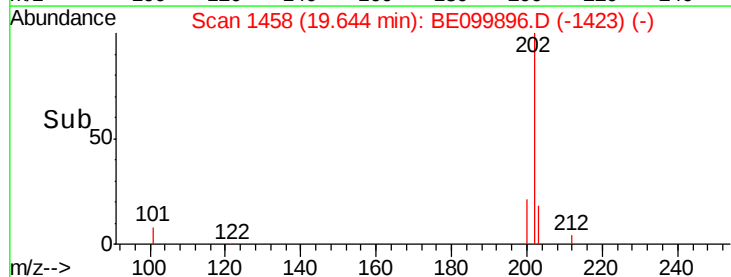
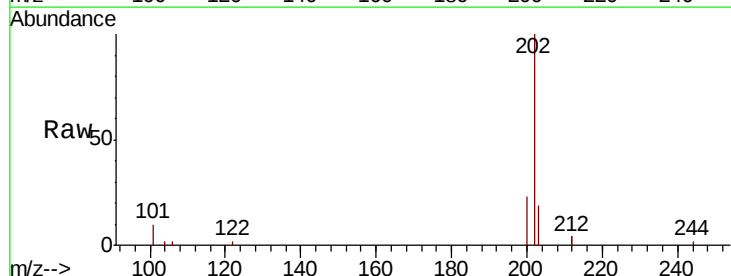
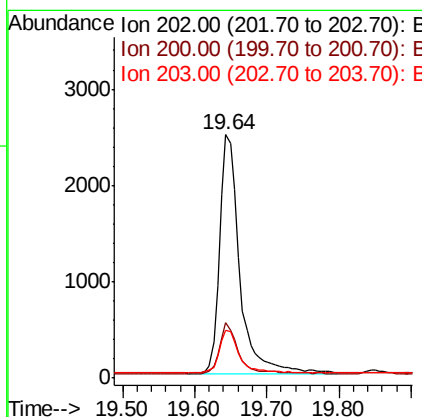
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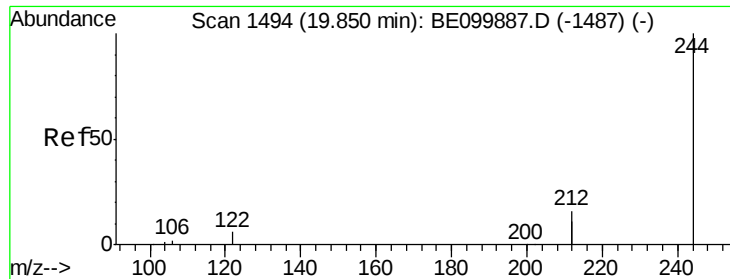
mohammad
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#28
Pyrene
Concen: 0.239 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.5	23.3
203	17.9	14.0	21.0





#29

Terphenyl-d14

Concen: 1.229 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

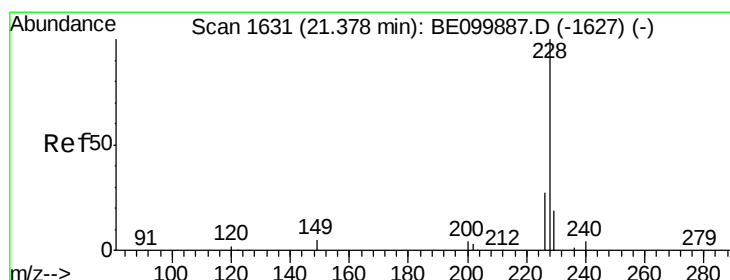
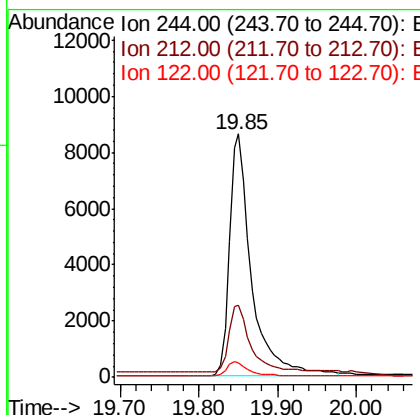
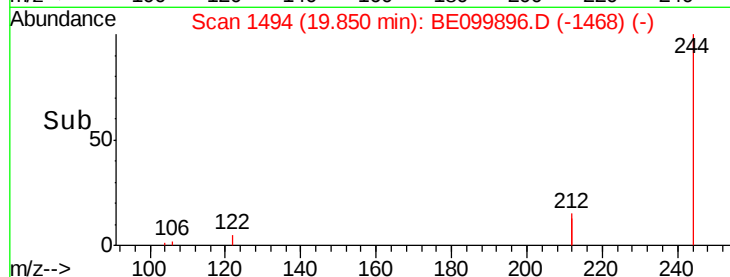
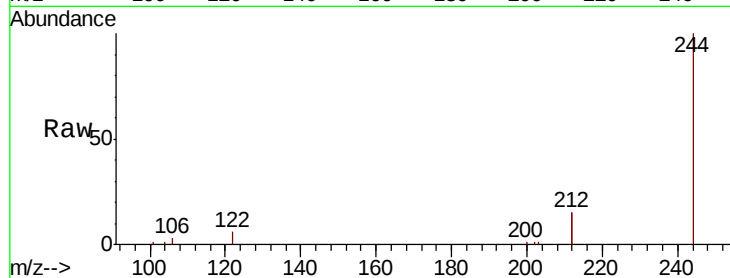
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.9	25.7	38.5
122	6.0	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.205 ng

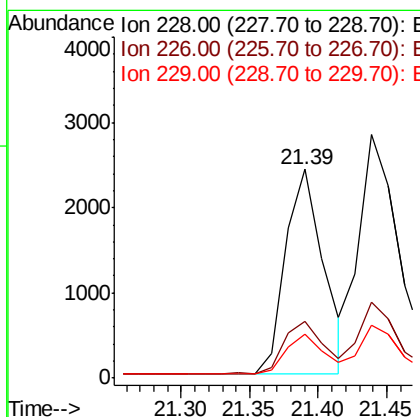
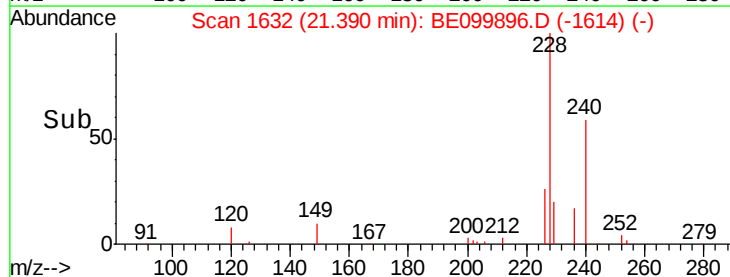
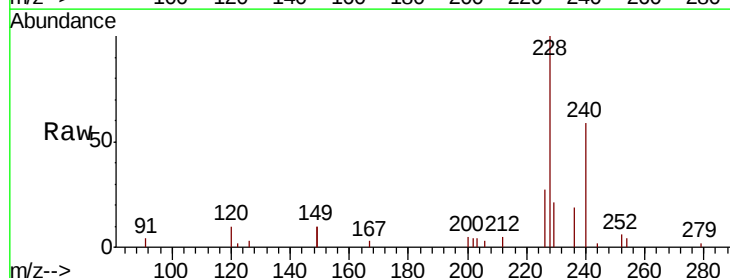
RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	21.3	15.9	23.9





#31

Chrysene

Concen: 0.238 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

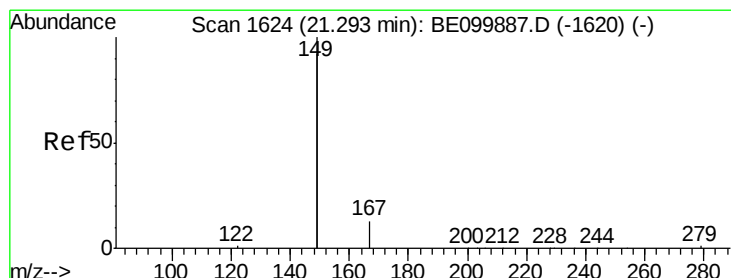
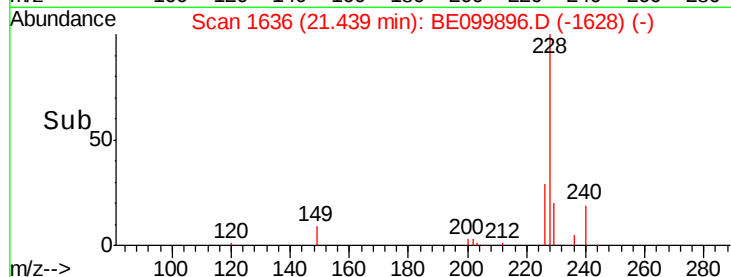
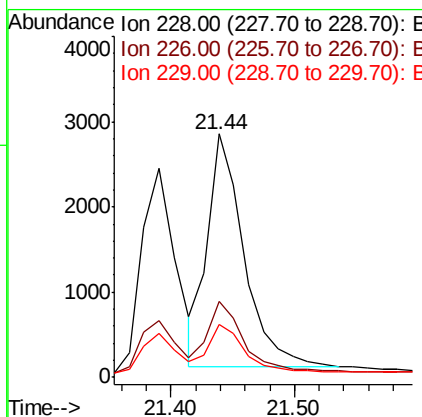
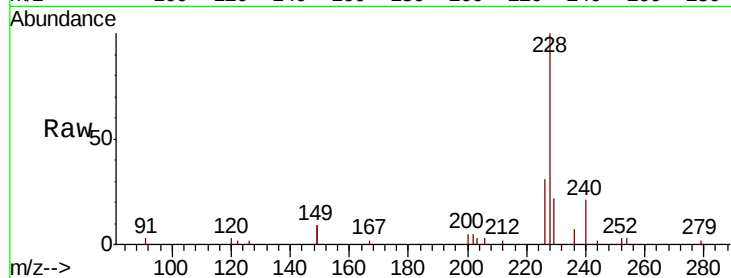
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:228	Resp:	5605
Ion Ratio	Lower	Upper
228 100		
226 31.0	24.1	36.1
229 21.6	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.198 ng

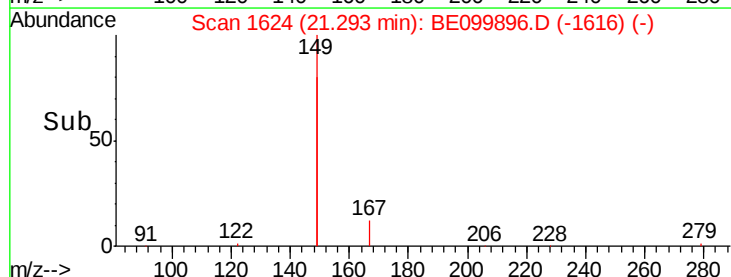
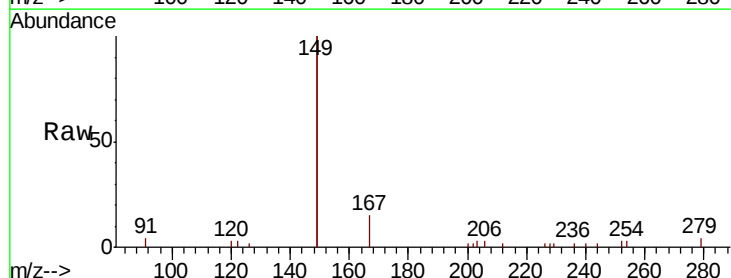
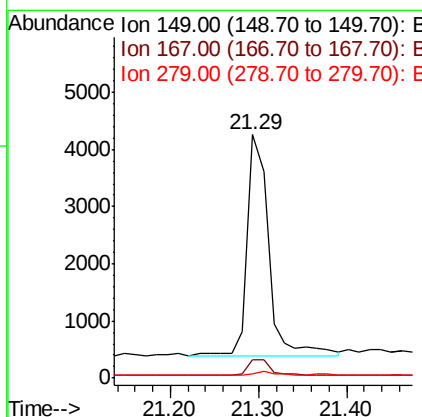
RT: 21.29 min Scan# 1624

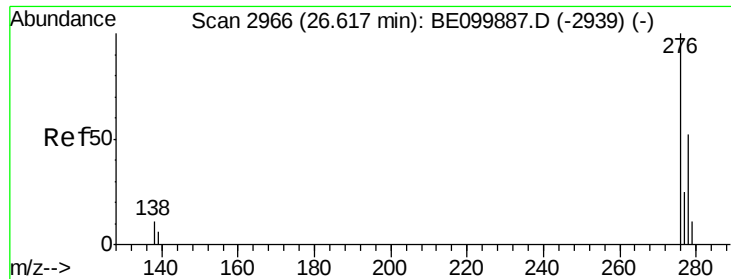
Delta R.T. 0.00 min

Lab File: BE099896.D

Acq: 10 Jun 2019 18:44

Tgt Ion:149	Resp:	6478
Ion Ratio	Lower	Upper
149 100		
167 7.2	5.9	8.9
279 1.7	1.2	1.8





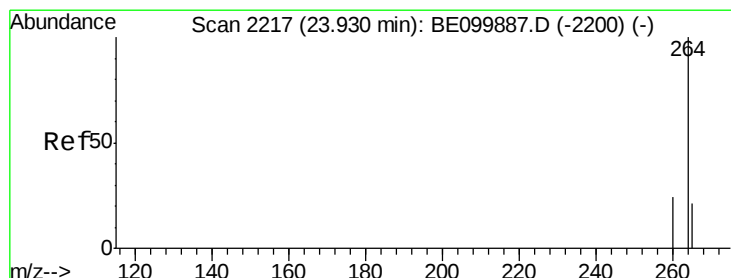
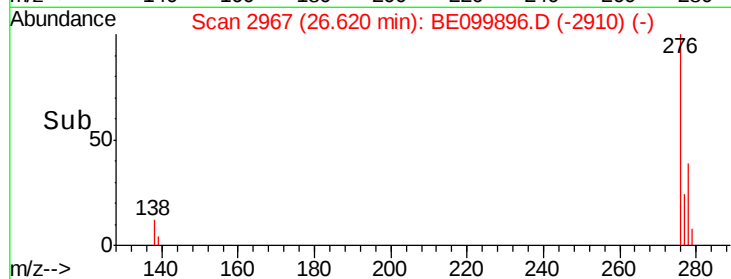
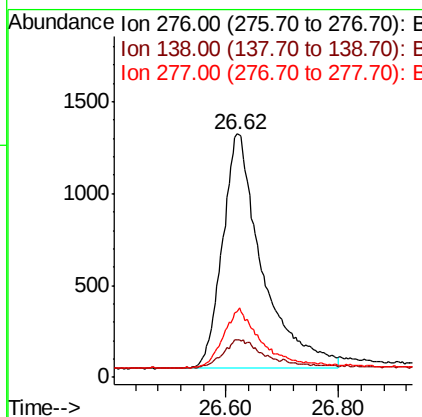
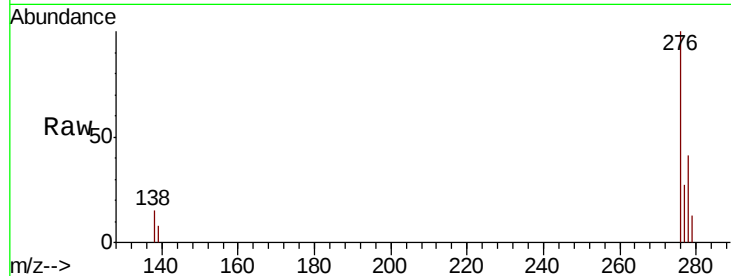
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng
RT: 26.62 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	10.1	15.1
277	24.0	19.1	28.7

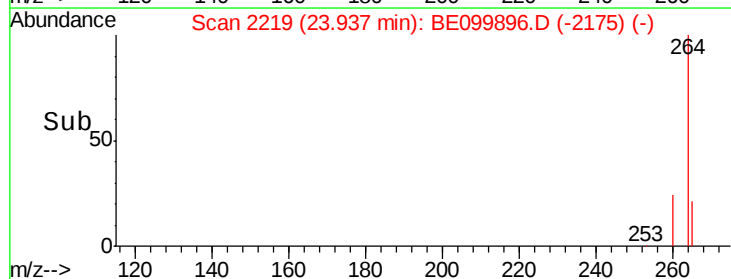
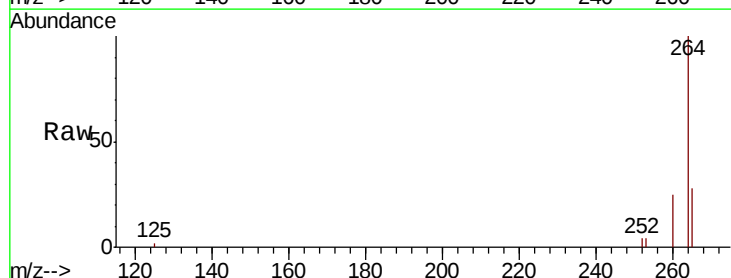
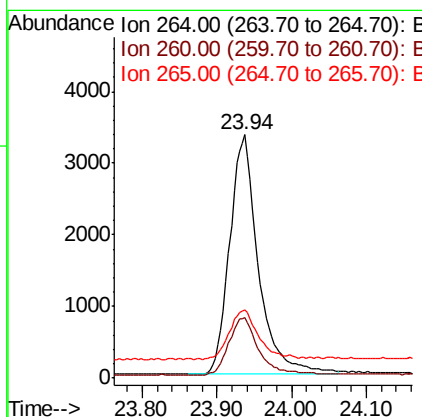
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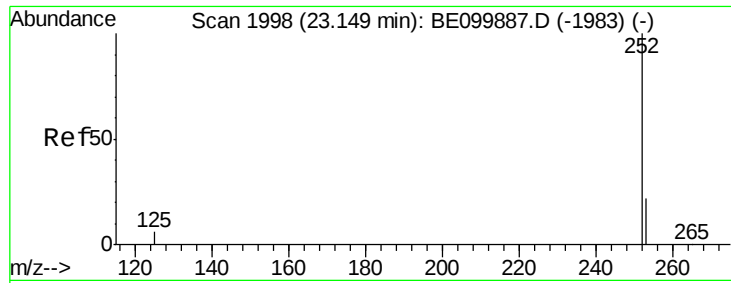
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	28.0	22.0	33.0





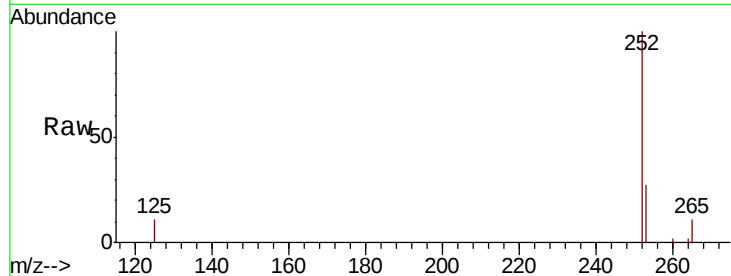
#35
Benzo(b)fluoranthene
Concen: 0.205 ng m
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.7	28.1
125	10.6	5.7	8.5#

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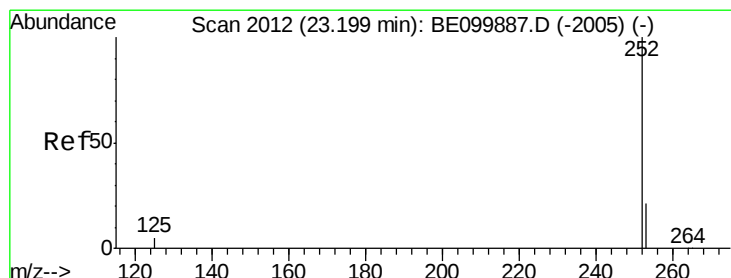
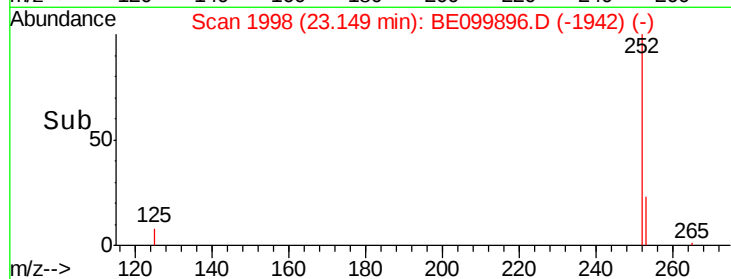
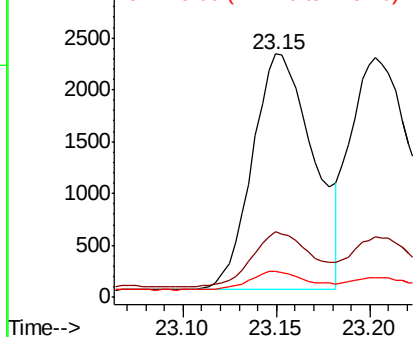


Abundance

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: 0.220 ng
RT: 23.20 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

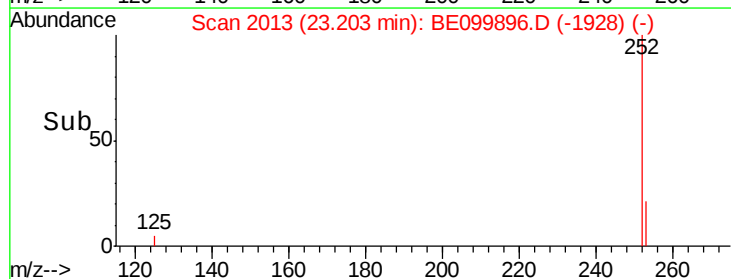
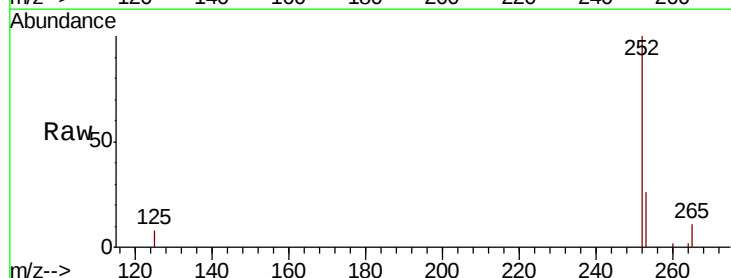
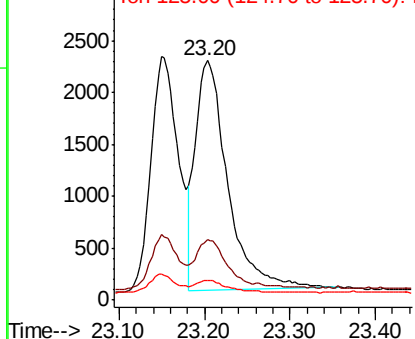
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.6	28.0
125	8.3	5.4	8.0#

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





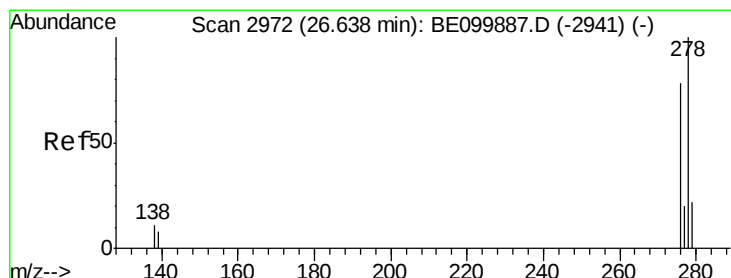
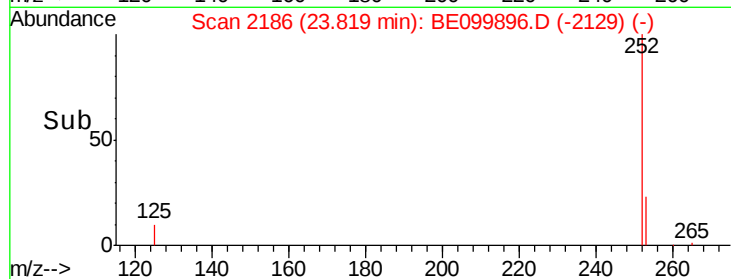
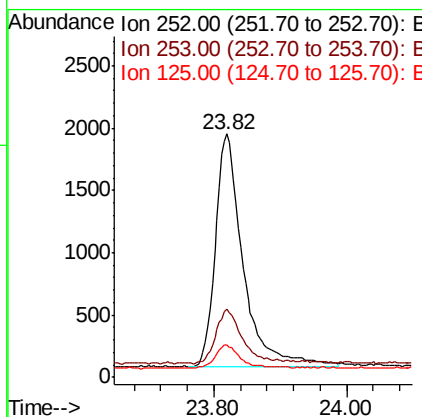
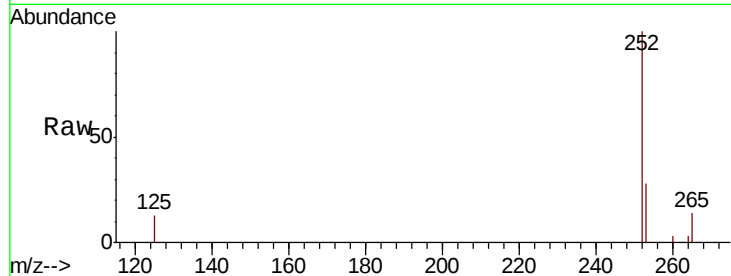
#37
Benzo(a)pyrene
Concen: 0.218 ng
RT: 23.82 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.6	29.4
125	13.4	6.6	10.0

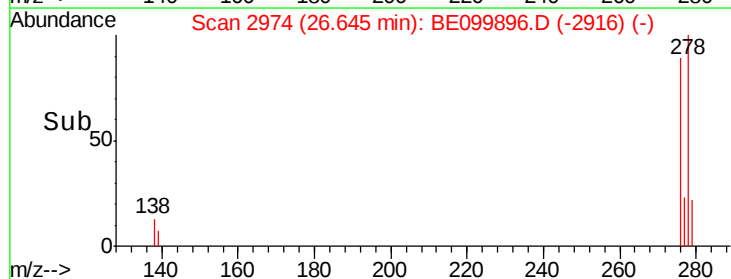
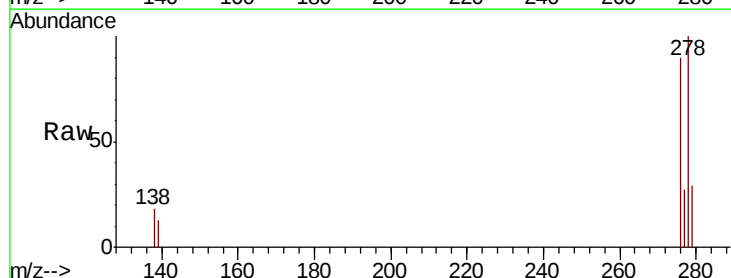
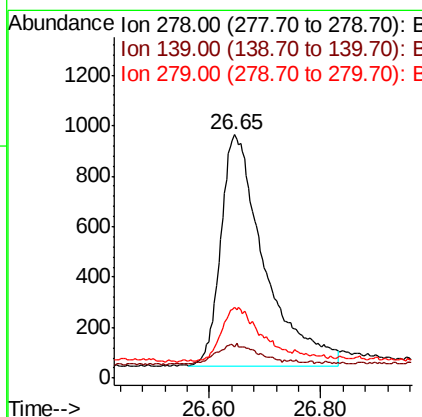
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#38
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 26.65 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE099896.D
Acq: 10 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	7.8	11.8
279	28.8	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.214 ng

RT: 27.44 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BE099896.D

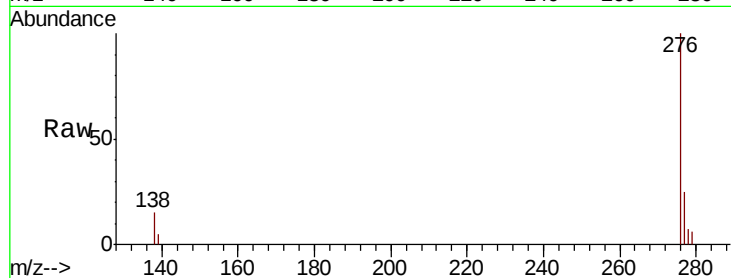
Acq: 10 Jun 2019 18:44

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2019



Tot Ion:	276	Resp:	5514
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.5	29.3
138	14.6	9.5	14.3

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