

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099810.D
 Acq On : 5 Jun 2019 19:00
 Operator : JU/SJ
 Sample : K2241-02
 Misc : LOO-SIM-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:43:13 PM

Quant Time: Jun 06 01:49:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 05 14:35:58 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	851	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2797	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2053	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	6758	0.40	ng	0.01
27) Chrysene-d12	21.41	240	12426	0.40	ng	0.00
34) Perylene-d12	23.96	264	14636	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	401	0.19	ng	0.01
5) Phenol-d6	7.01	99	375	0.14	ng	0.05
8) Nitrobenzene-d5	9.00	82	384	0.16	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	802	0.17	ng	0.04
14) 2,4,6-Tribromophenol	16.04	330	126m	0.22	ng	0.06
15) 2-Fluorobiphenyl	13.15	172	1434	0.19	ng	0.04
25) Fluoranthene-d10	19.27	212	18988	0.19	ng	0.01
29) Terphenyl-d14	19.87	244	4462	0.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	78	0.063	ng	# 30
3) n-Nitrosodimethylamine	3.61	42	32	0.049	ng	# 1
6) bis(2-Chloroethyl)ether	7.28	93	39	0.017	ng	# 1
9) Naphthalene	10.67	128	436	0.015	ng	# 59
10) Hexachlorobutadiene	10.94	225	44	0.019	ng	# 89
12) 2-Methylnaphthalene	12.32	142	41	0.009	ng	# 69
16) Acenaphthylene	14.23	152	134	0.014	ng	# 89
17) Acenaphthene	14.56	154	53	0.010	ng	# 92
18) Fluorene	15.56	166	88	0.011	ng	# 77
20) 4-Bromophenyl-phenylether	16.44	248	24	0.006	ng	# 75
21) Hexachlorobenzene	16.55	284	44	0.011	ng	# 50
22) Pentachlorophenol	17.00	266	9	0.286	ng	# 92
23) Phenanthrene	17.28	178	164	0.010	ng	# 78
24) Anthracene	17.38	178	96	0.007	ng	# 70
26) Fluoranthene	19.30	202	366	0.013	ng	# 94
28) Pyrene	19.66	202	358	0.012	ng	# 93
30) Benzo(a)anthracene	21.40	228	411	0.012	ng	# 61
31) Chrysene	21.46	228	437	0.012	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.31	149	729	0.018	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.67	276	510m	0.011	ng	# 17
35) Benzo(b)fluoranthene	23.18	252	363	0.009	ng	# 17
36) Benzo(k)fluoranthene	23.22	252	356	0.008	ng	# 17
37) Benzo(a)pyrene	23.84	252	440	0.011	ng	# 20
38) Dibenzo(a,h)anthracene	26.72	278	396m	0.010	ng	# 35
39) Benzo(g,h,i)perylene	27.50	276	481	0.011	ng	# 35

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

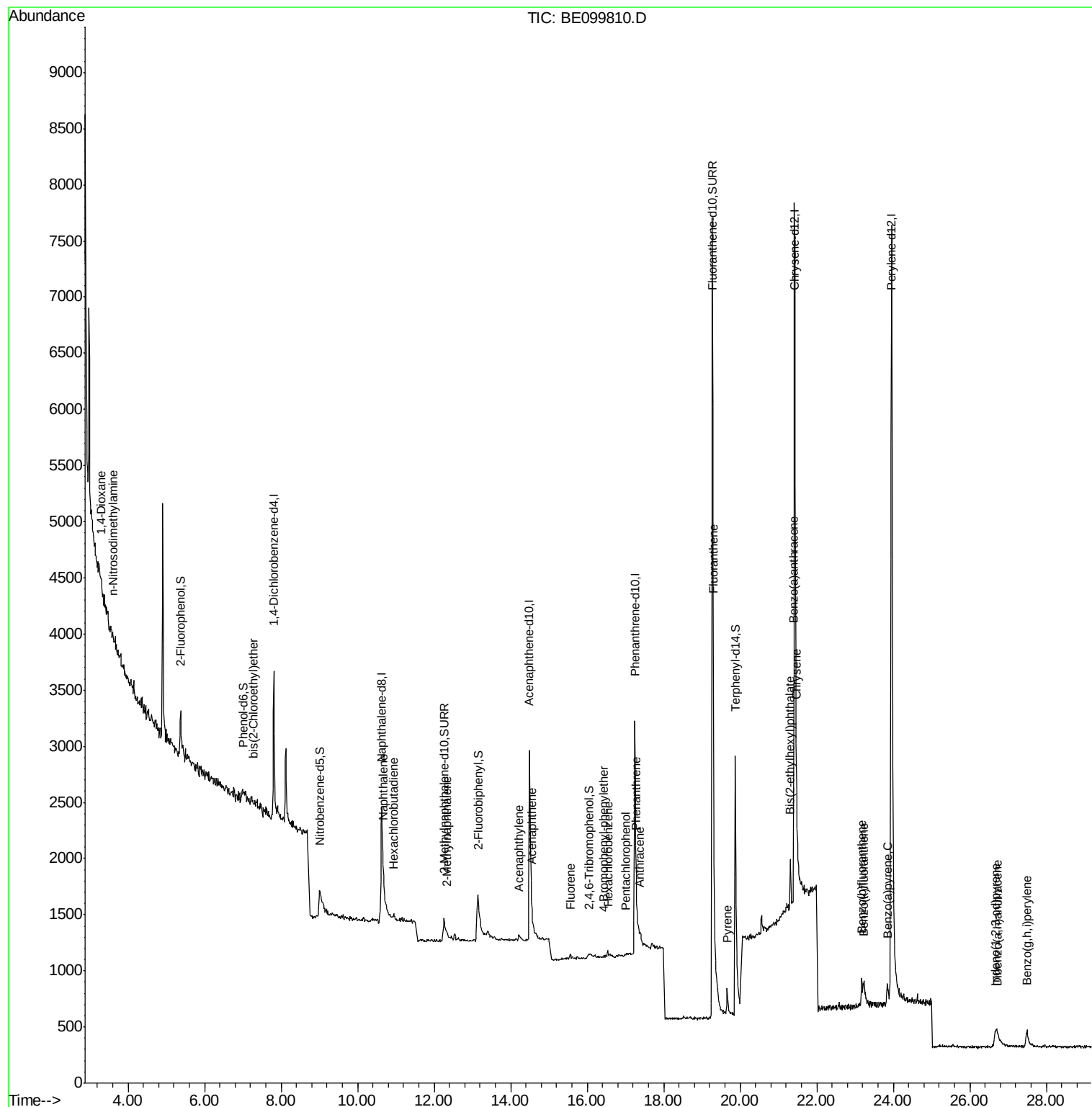
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099810.D
Acq On : 5 Jun 2019 19:00
Operator : JU/SJ
Sample : K2241-02
Misc : L00-SIM-0.2PPM
ALS Vial : 13 Sample Multiplier: 1

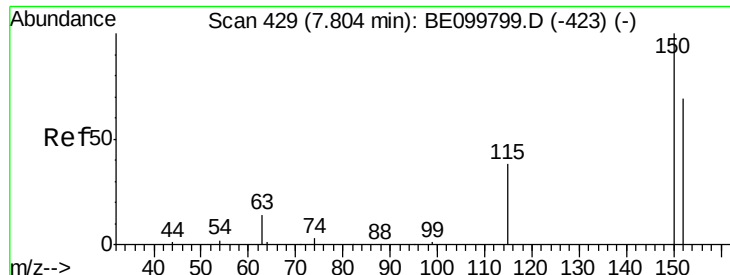
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations
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6/6/2019 3:43:13 PM

Quant Time: Jun 06 01:49:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration





#1

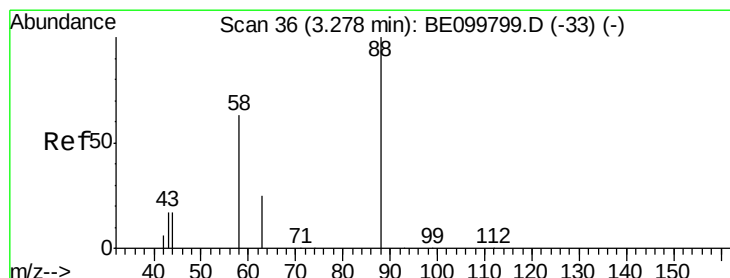
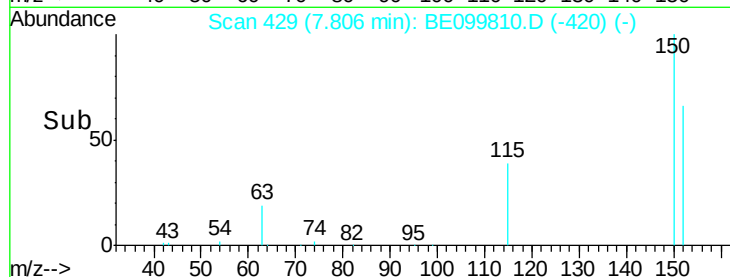
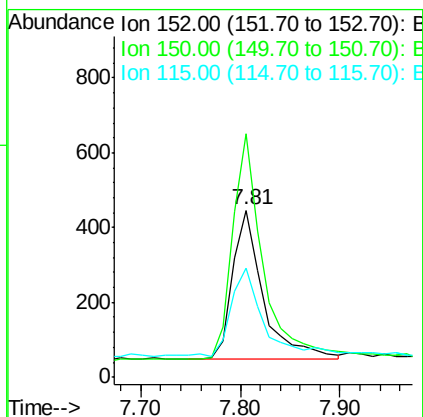
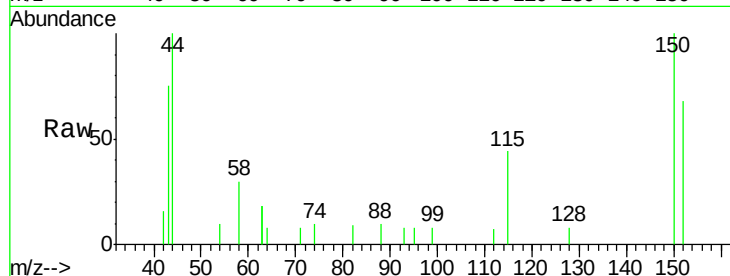
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	112.8	169.2
115	65.1	47.6	71.4

Manual Integrations
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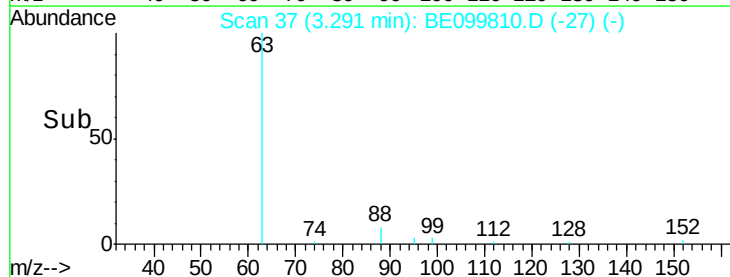
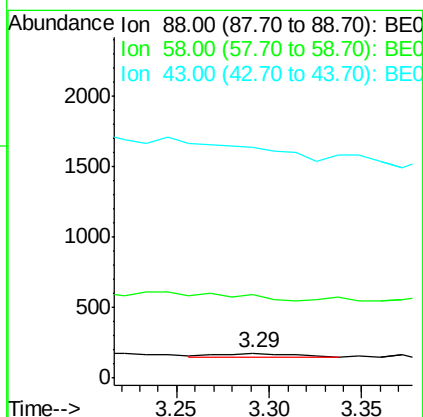
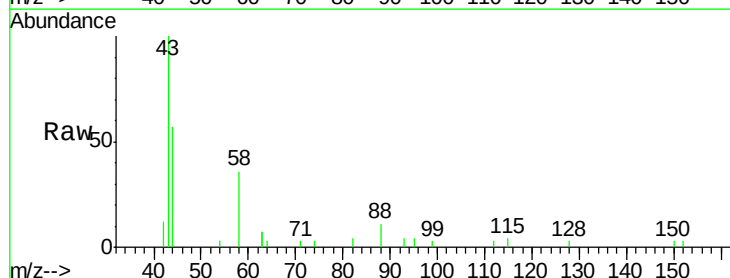
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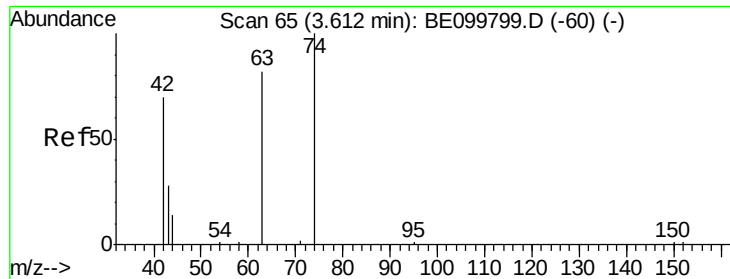


#2

1,4-Dioxane
Concen: 0.063 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.3	70.9#
43	0.0	18.2	27.4#





#3

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

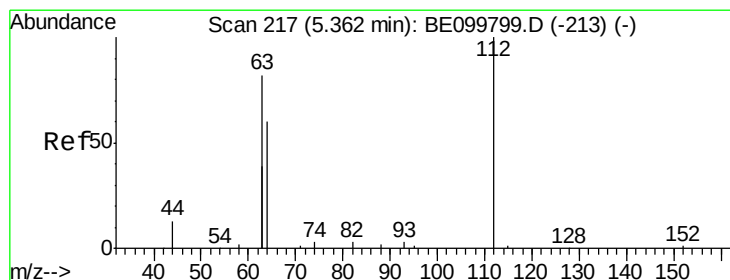
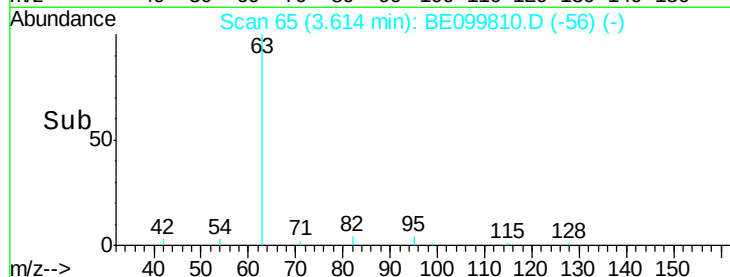
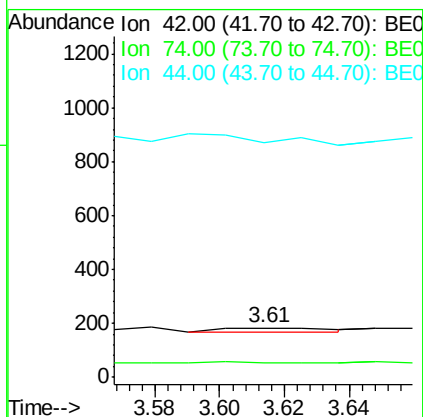
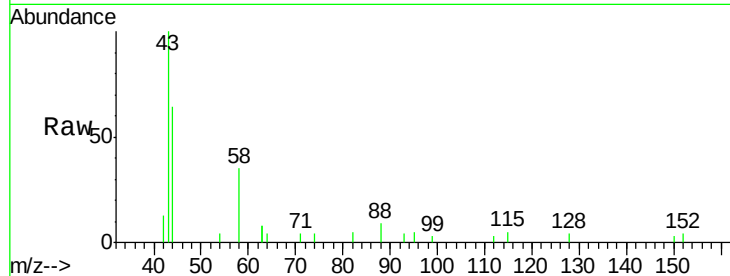
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:	42	Resp:	32
Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	0.0	13.4	20.0#

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#4

2-Fluorophenol

Concen: 0.194 ng

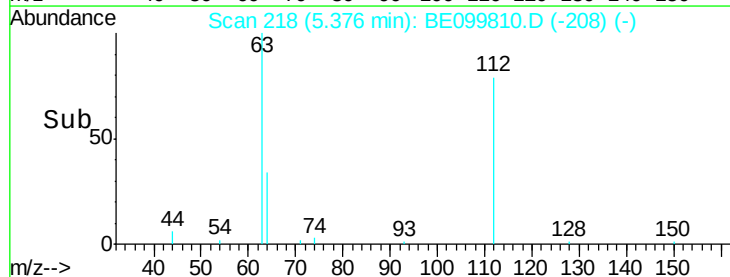
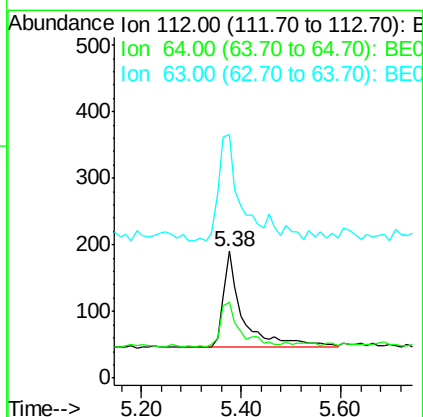
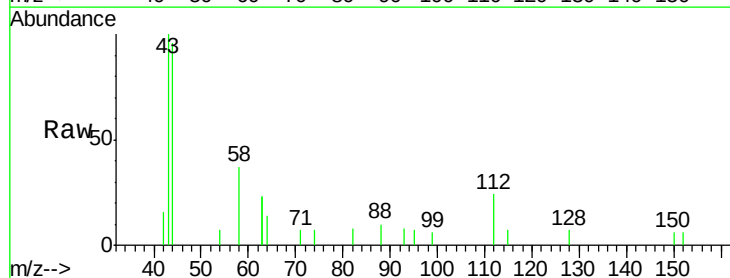
RT: 5.38 min Scan# 218

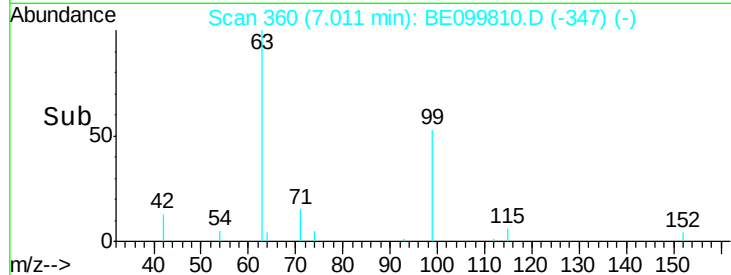
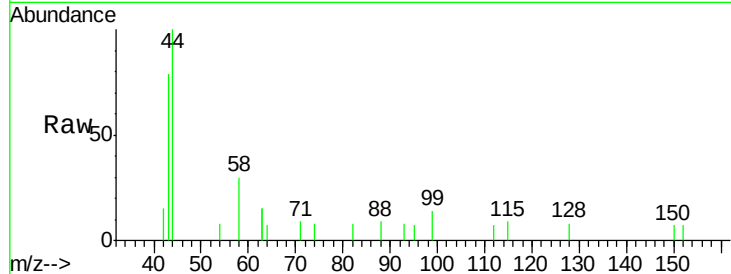
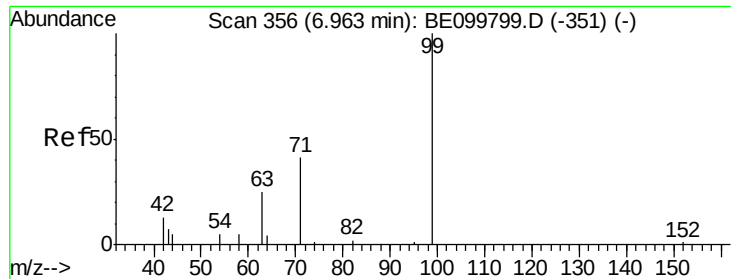
Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tgt Ion:	112	Resp:	401
Ion	Ratio	Lower	Upper
112	100		
64	48.6	47.2	70.8
63	113.5	90.7	136.1





#5

Phenol-d6

Concen: 0.141 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.05 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tot Ion:	99	Resp:	375
Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	32.0	26.1	39.1

Instrument :

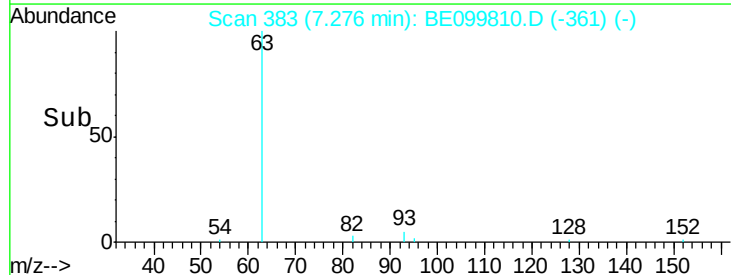
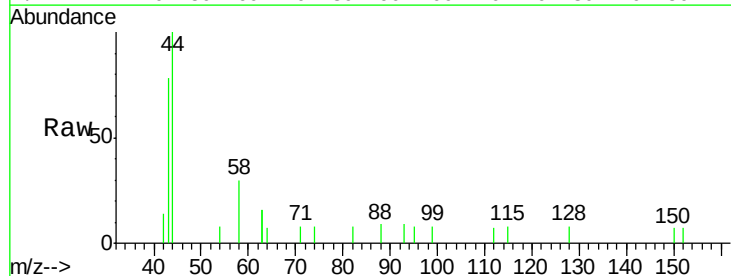
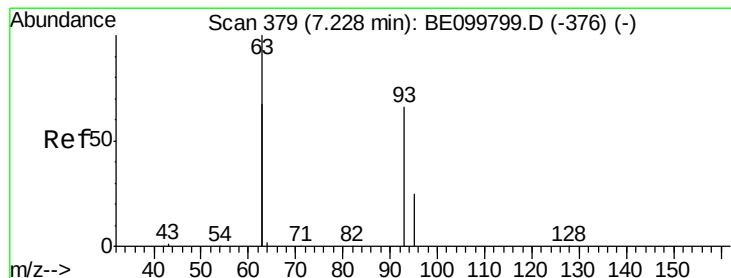
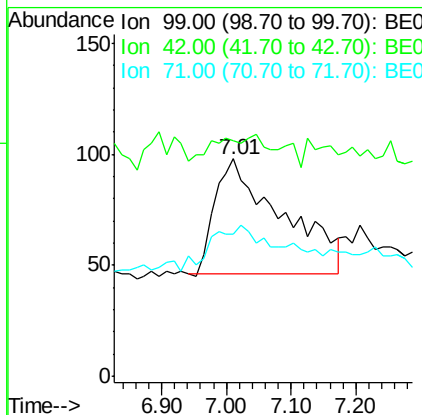
BNA_E

ClientSampleId :

LOQ-SOIL-02-QT2-2019

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.017 ng

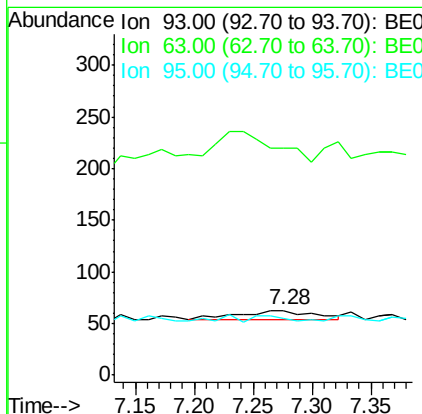
RT: 7.28 min Scan# 383

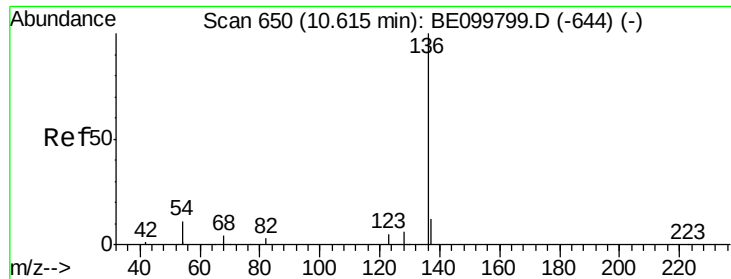
Delta R.T. 0.05 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tgt Ion:	93	Resp:	39
Ion	Ratio	Lower	Upper
93	100		
63	0.0	208.8	313.2#
95	0.0	27.6	41.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

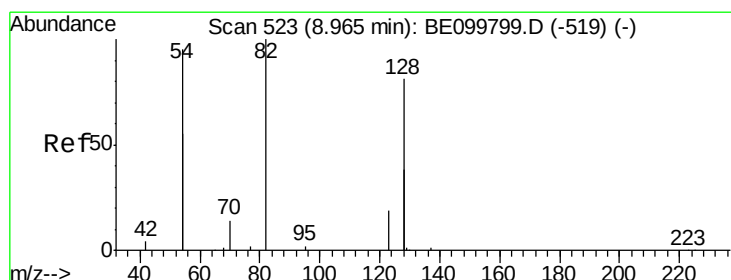
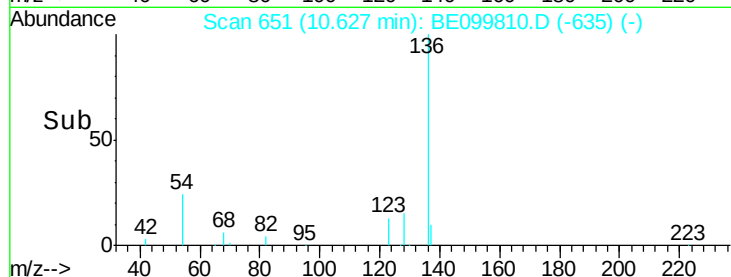
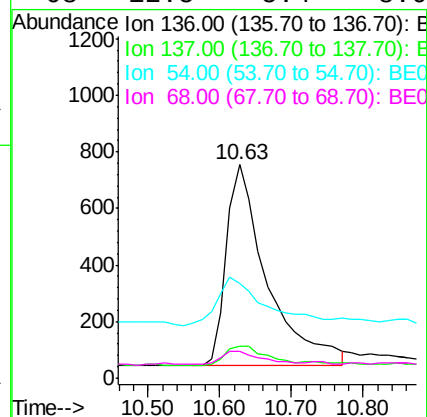
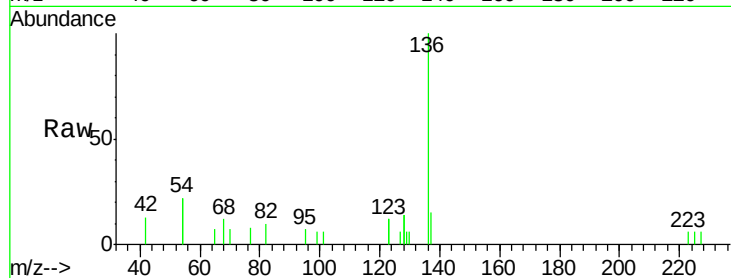
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.1	16.7
54	44.2	17.9	26.9
68	12.5	5.4	8.0

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.156 ng

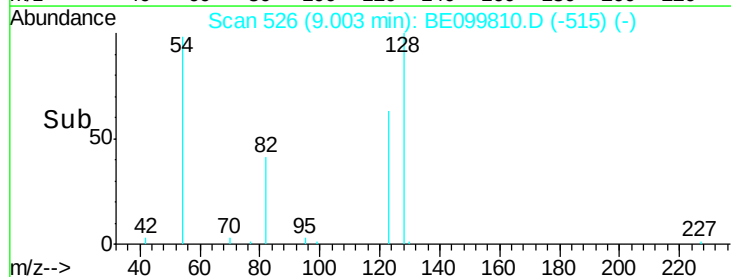
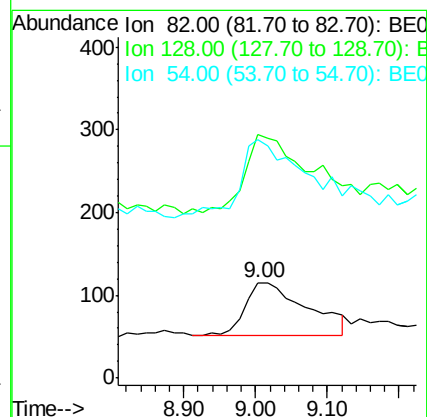
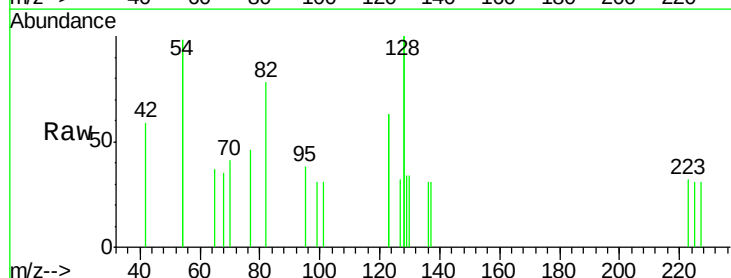
RT: 9.00 min Scan# 526

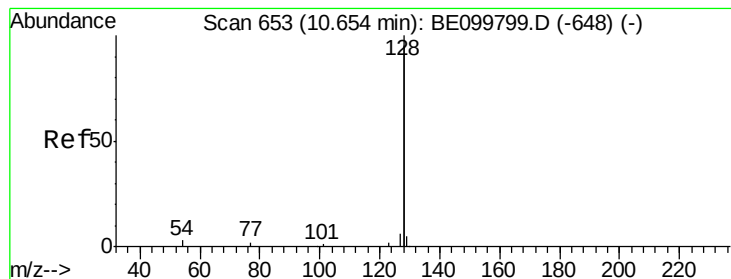
Delta R.T. 0.04 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
82	100		
128	255.7	116.6	175.0
54	250.4	136.2	204.4





#9

Naphthalene

Concen: 0.015 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

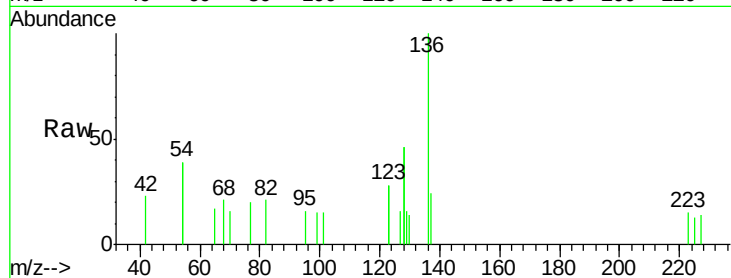
ClientSampleId :

LOQ-SOIL-02-QT2-2019

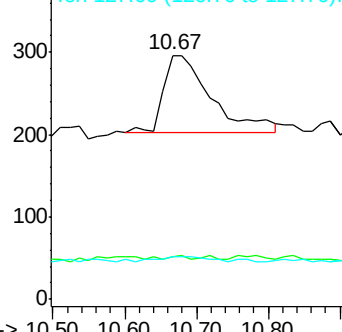
Tot Ion:	128	Resp:	436
Ion	Ratio	Lower	Upper
128	100		
129	17.2	2.6	4.0#
127	17.2	3.0	4.6#

Manual Integrations
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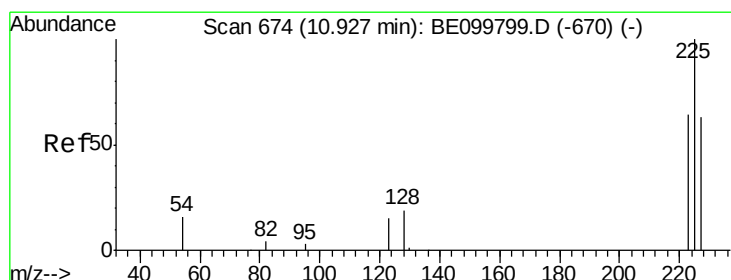
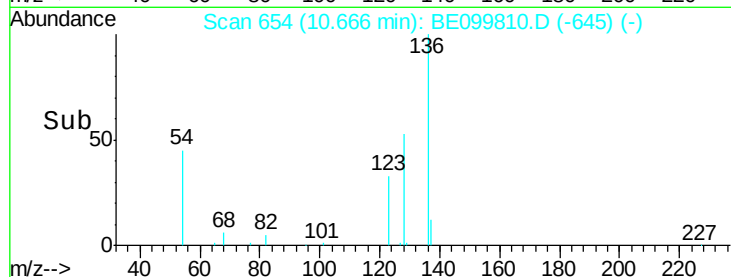
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.019 ng

RT: 10.94 min Scan# 675

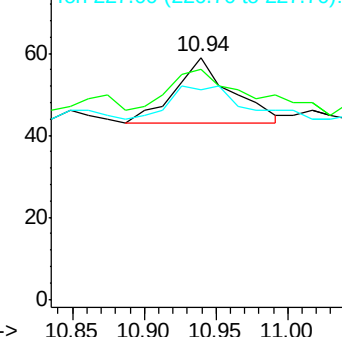
Delta R.T. 0.01 min

Lab File: BE099810.D

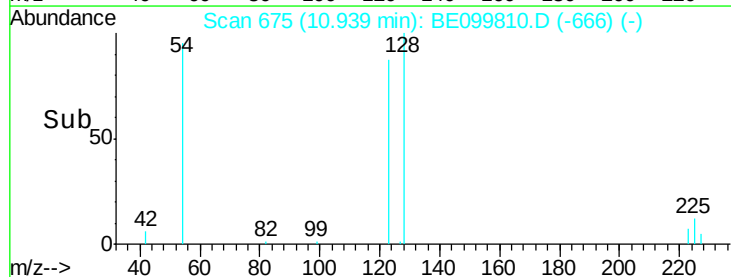
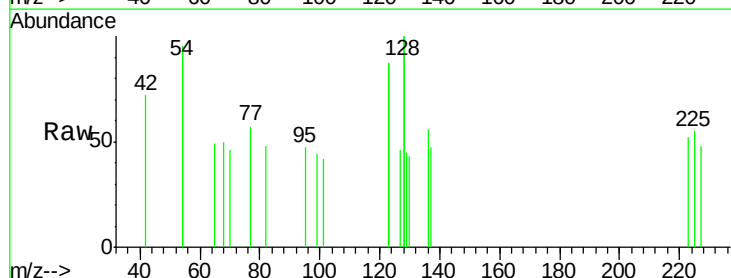
Acq: 5 Jun 2019 19:00

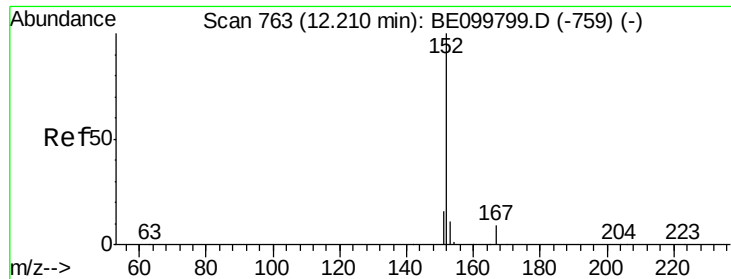
Tgt Ion:	225	Resp:	44
Ion	Ratio	Lower	Upper
225	100		
223	68.2	48.6	72.8
227	54.5	51.6	77.4

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



Time-->





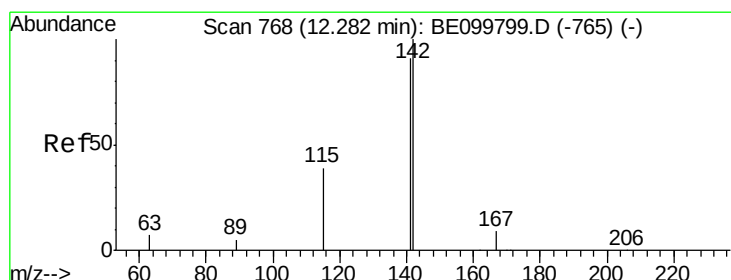
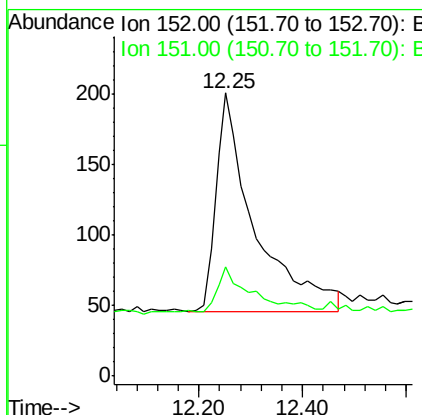
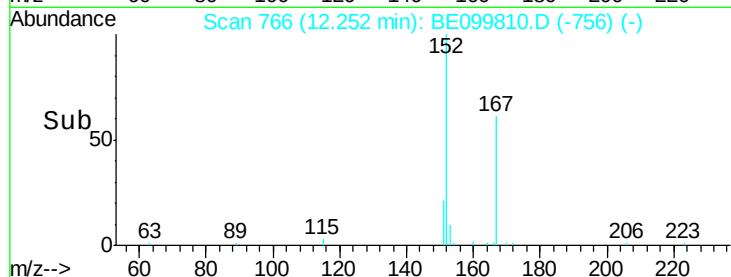
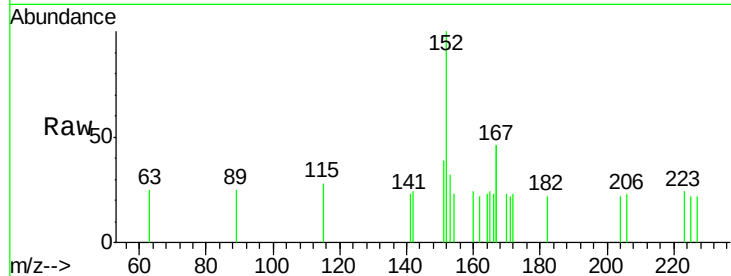
#11
2-Methylnaphthalene-d10
Concen: 0.167 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion:152 Resp: 802
Ion Ratio Lower Upper
152 100
151 17.8 15.8 23.8

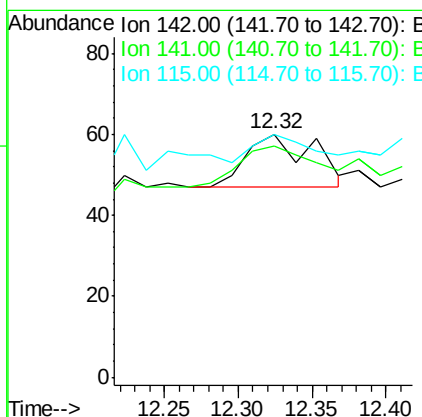
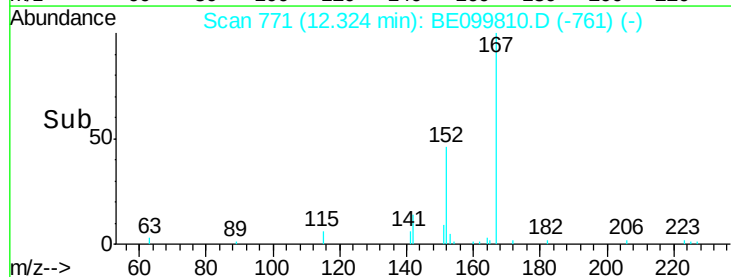
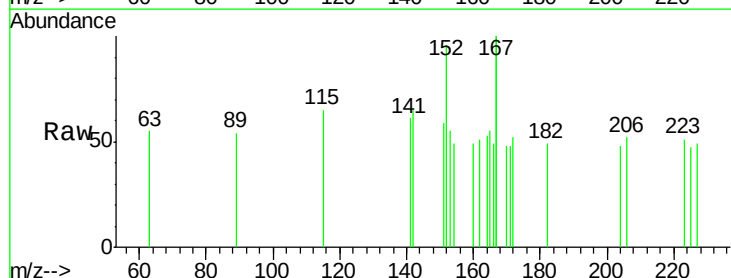
Manual Integrations
APPROVED

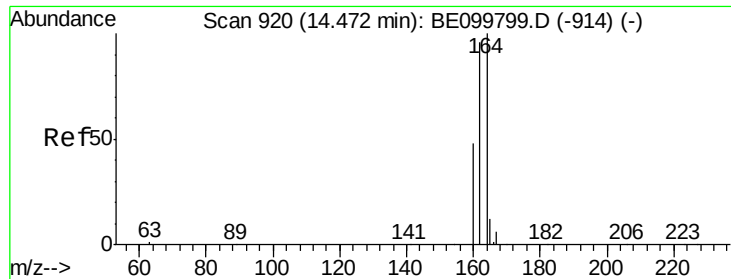
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#12
2-Methylnaphthalene
Concen: 0.009 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.04 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 95.0 73.3 109.9
115 100.0 33.4 50.2#





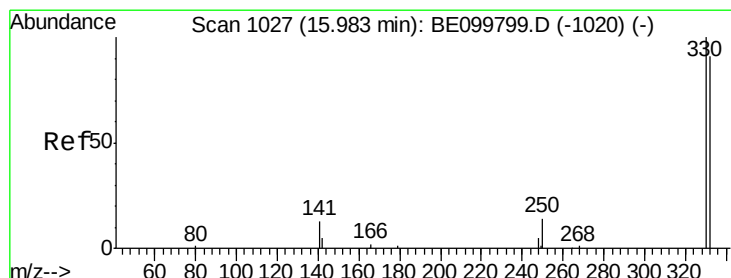
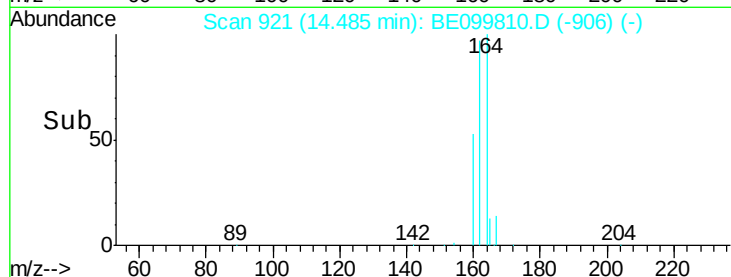
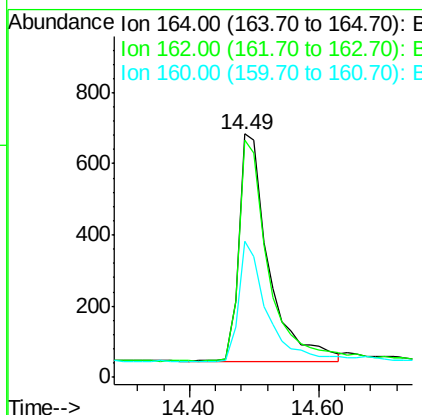
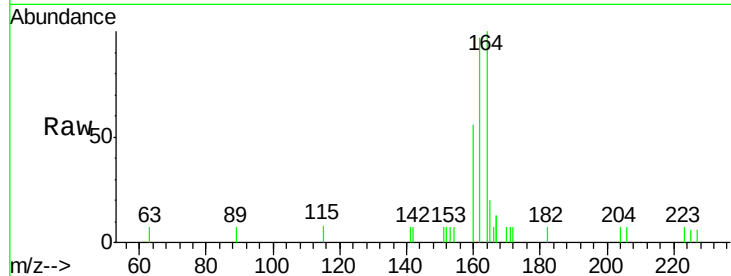
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.2	115.8
160	56.0	39.4	59.2

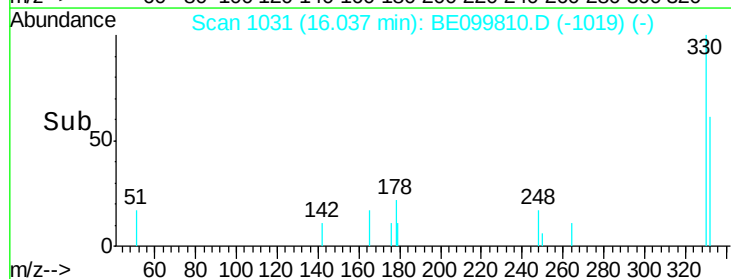
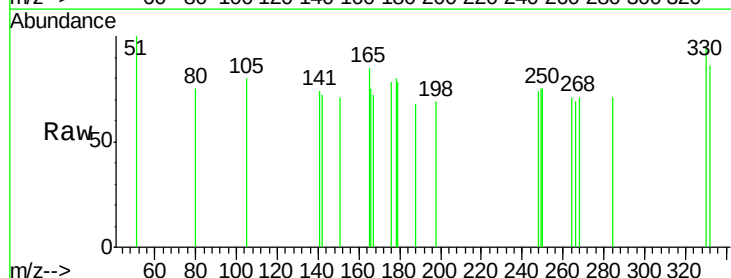
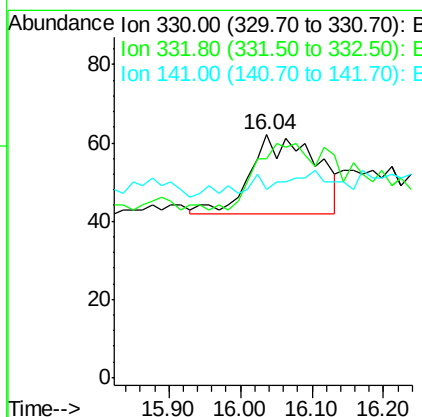
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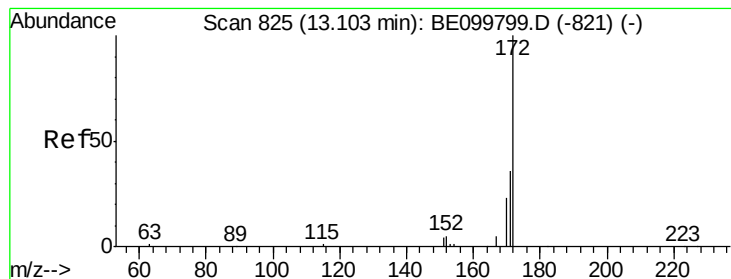
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.220 ng m
RT: 16.04 min Scan# 1031
Delta R.T. 0.06 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	74.9	112.3#
141	4.8	16.0	24.0#





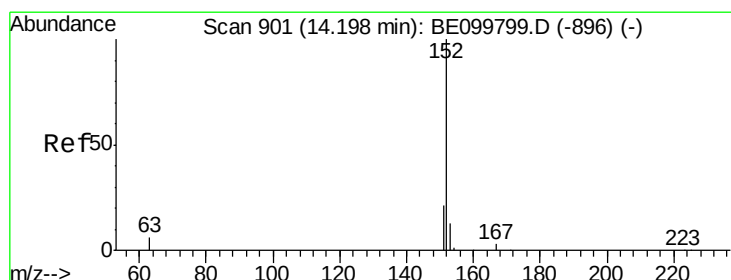
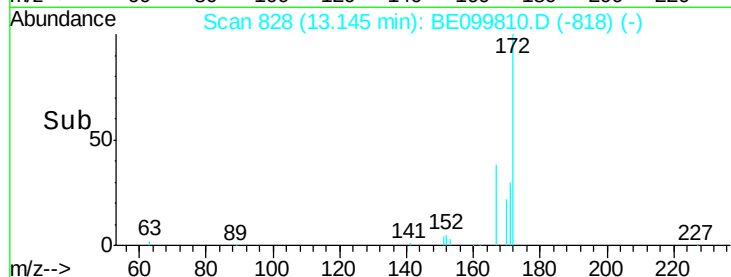
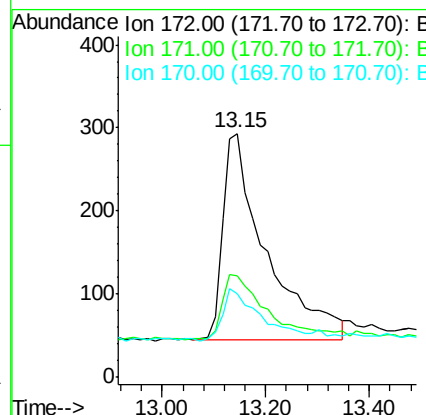
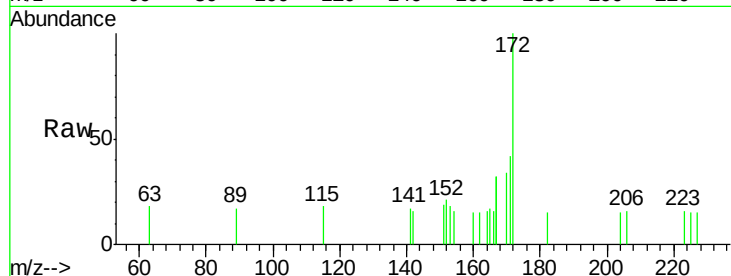
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.04 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.6	30.2	45.4
170	34.5	20.1	30.1

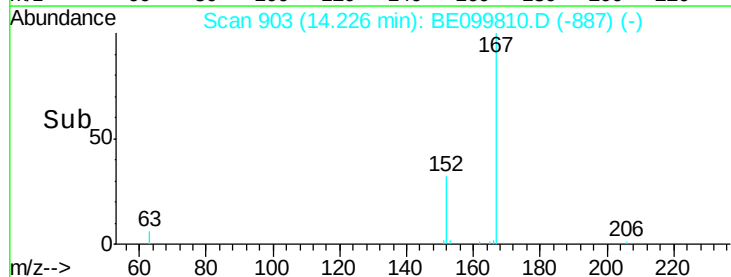
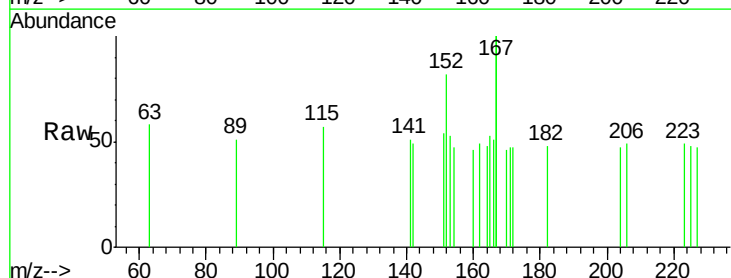
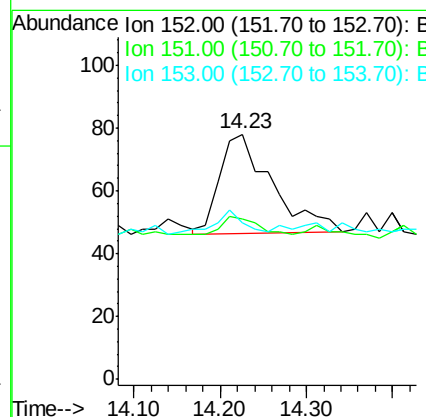
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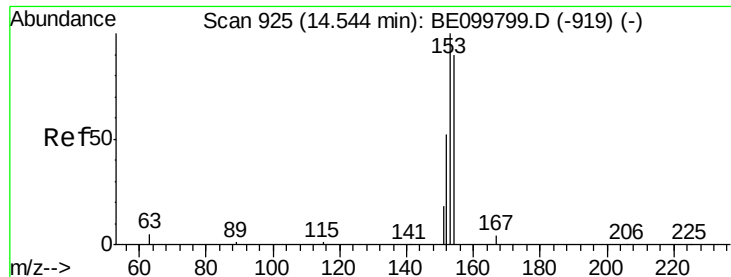
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#16
Acenaphthylene
Concen: 0.014 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.03 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	11.9	15.9	23.9
153	12.7	10.8	16.2





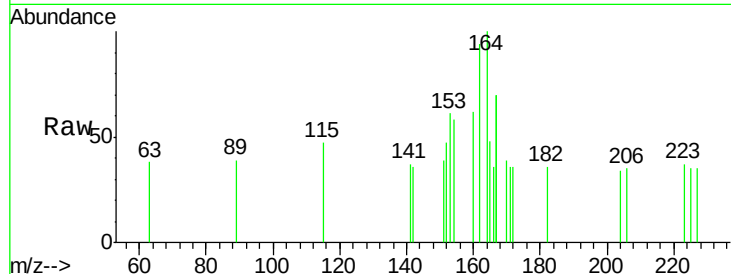
#17
Acenaphthene
Concen: 0.010 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

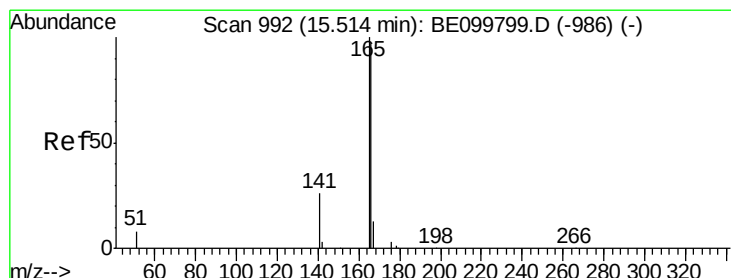
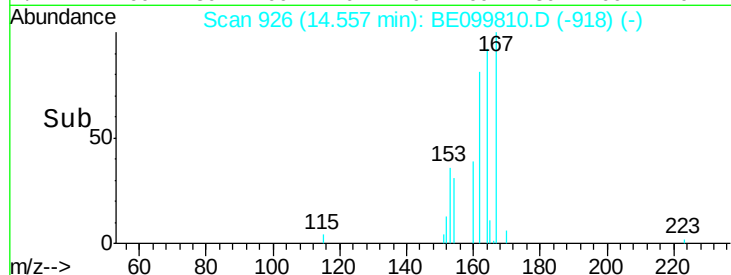
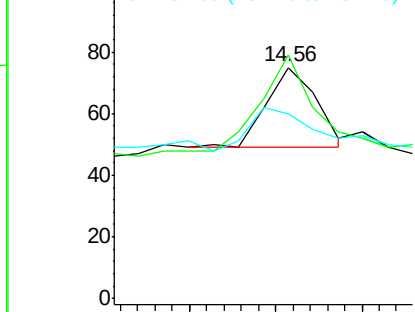
Tot Ion	Ratio	Lower	Upper
154	100		
153	126.4	93.8	140.6
152	66.0	48.3	72.5

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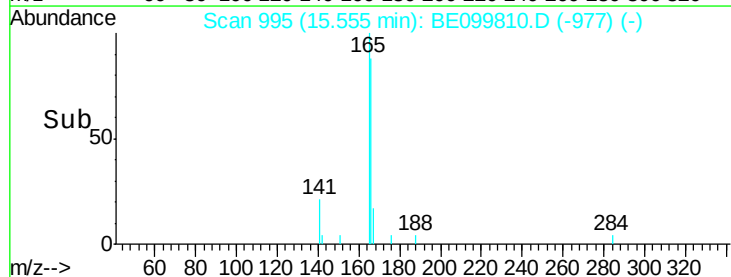
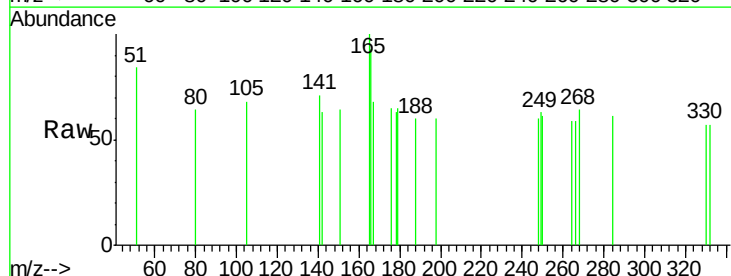
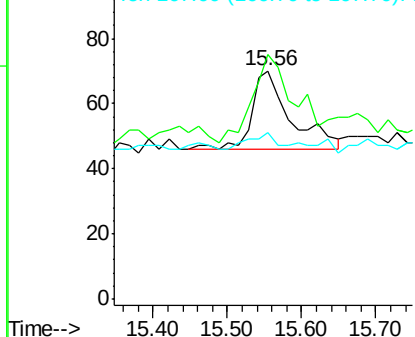
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

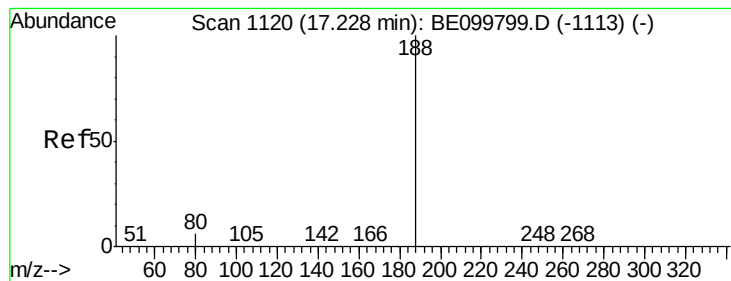


#18
Fluorene
Concen: 0.011 ng
RT: 15.56 min Scan# 995
Delta R.T. 0.04 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	126.1	80.4	120.6#
167	13.6	10.7	16.1

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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

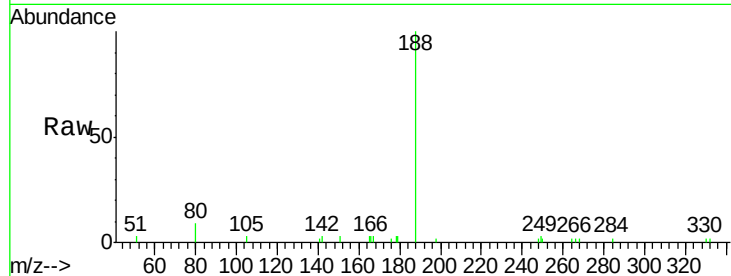
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:	188	Resp:	6758
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.3	5.2	7.8#

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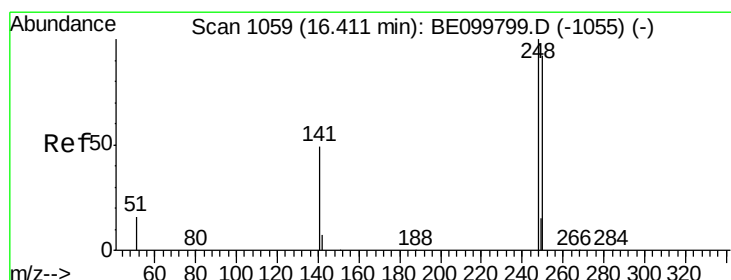
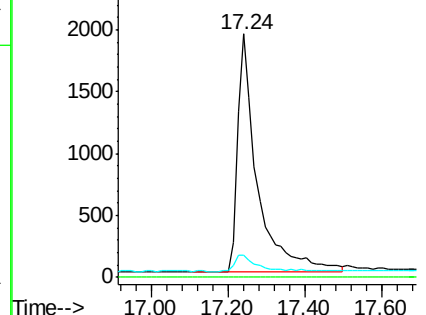
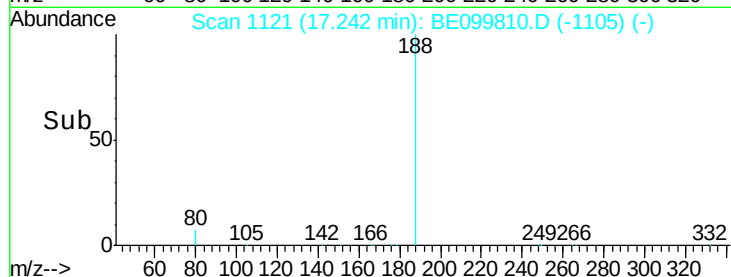
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.006 ng

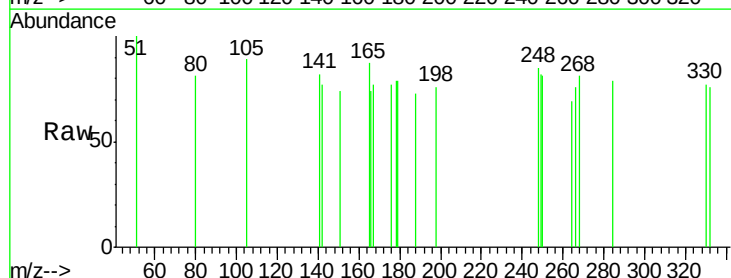
RT: 16.44 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

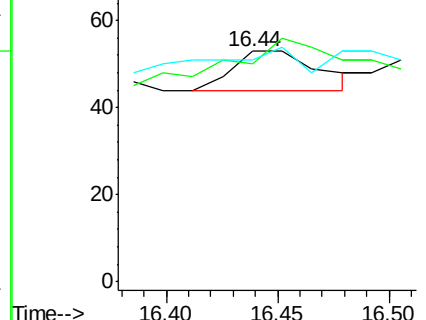
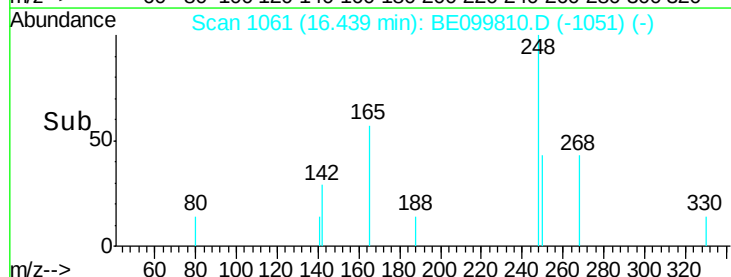
Tgt Ion:	248	Resp:	24
Ion Ratio	Lower	Upper	
248	100		
250	94.3	73.7	110.5
141	96.2	40.9	61.3#

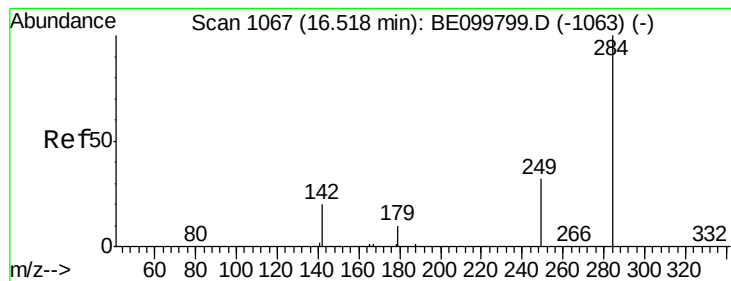


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.011 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.03 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

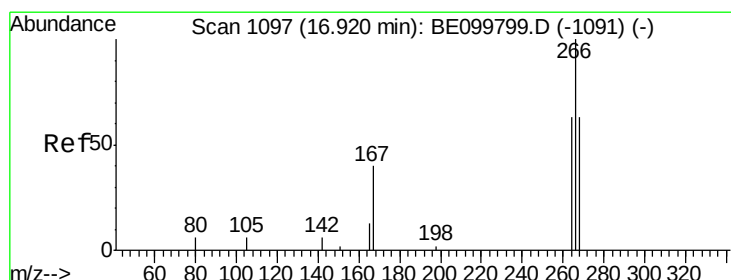
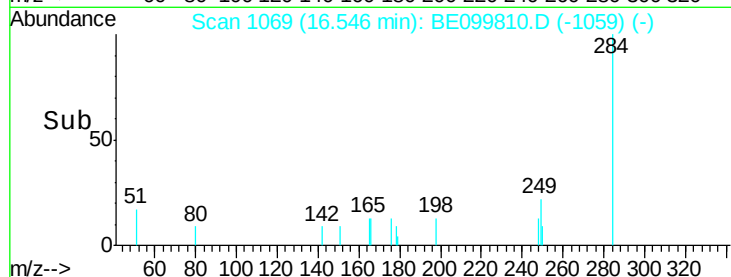
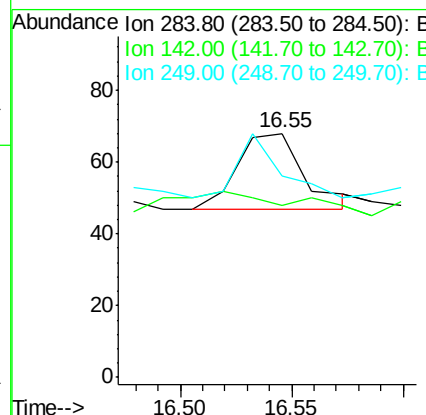
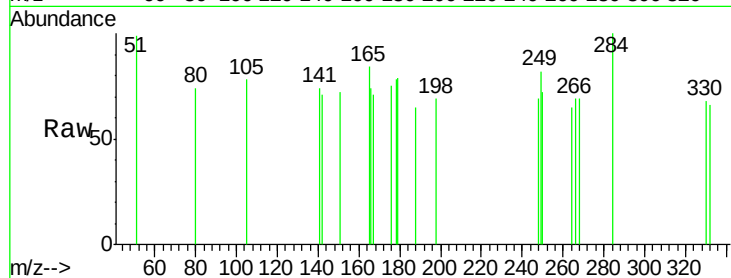
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion:	284	Resp:	44
Ion Ratio	Lower	Upper	
284	100		
142	0.0	16.2	24.4#
249	0.0	23.1	34.7#

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#22

Pentachlorophenol

Concen: 0.286 ng

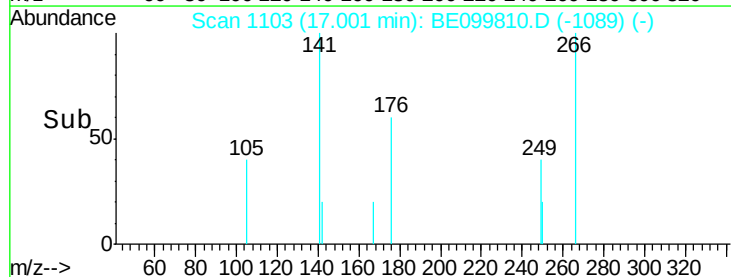
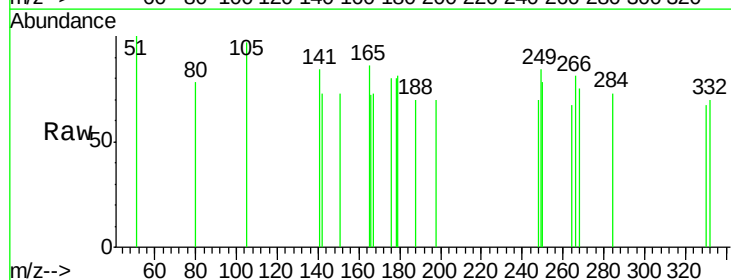
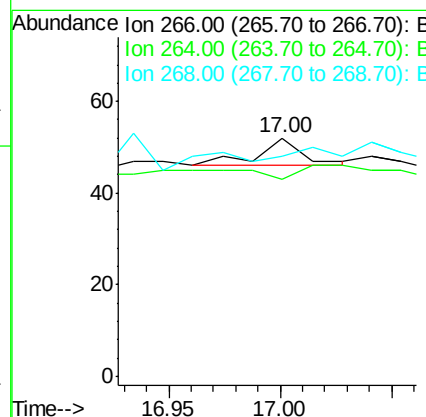
RT: 17.00 min Scan# 1103

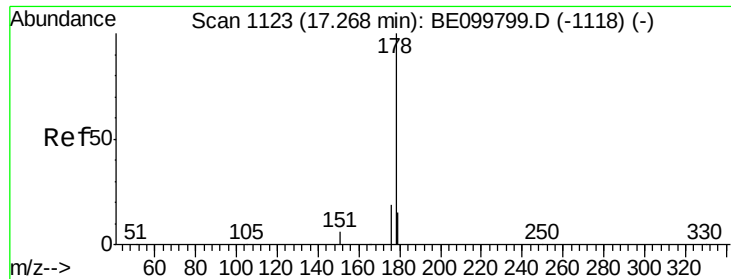
Delta R.T. 0.08 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tgt Ion:	266	Resp:	9
Ion Ratio	Lower	Upper	
266	100		
264	82.7	64.9	97.3
268	92.3	64.0	96.0





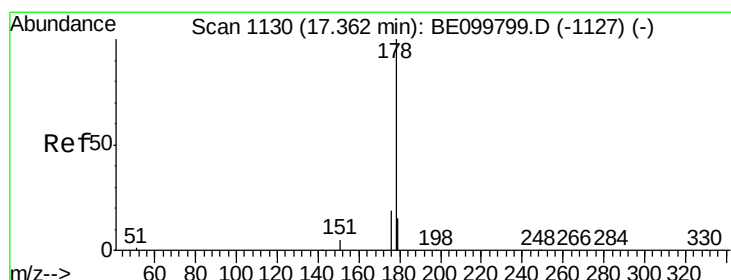
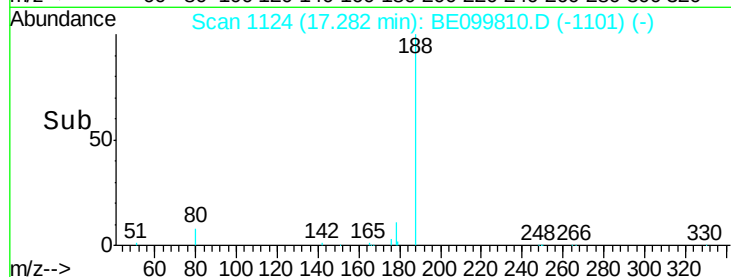
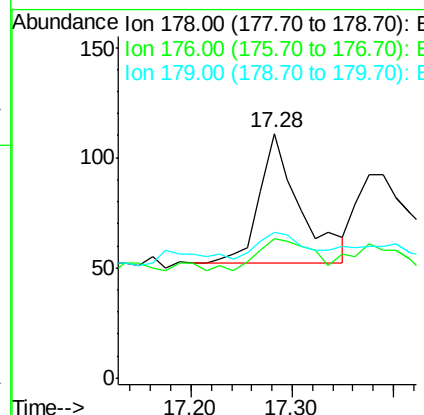
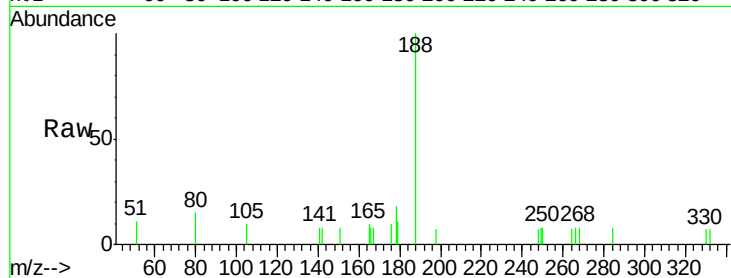
#23
Phenanthrene
Concen: 0.010 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	32.3	15.4	23.0#
179	21.3	12.5	18.7#

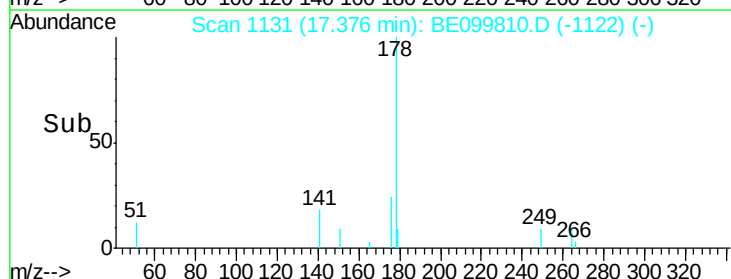
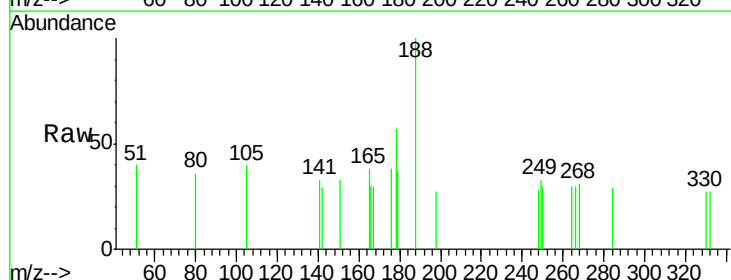
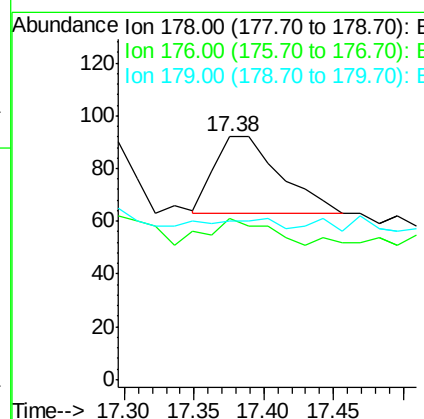
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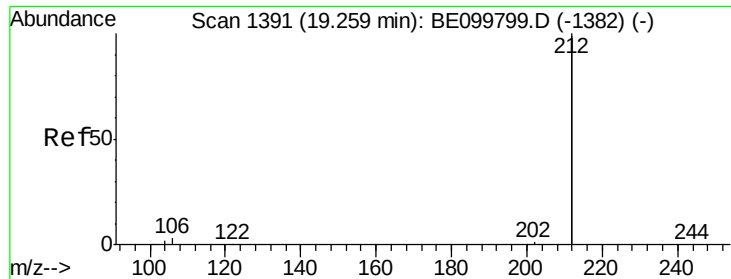
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#24
Anthracene
Concen: 0.007 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	30.2	15.1	22.7#
179	0.0	12.1	18.1#





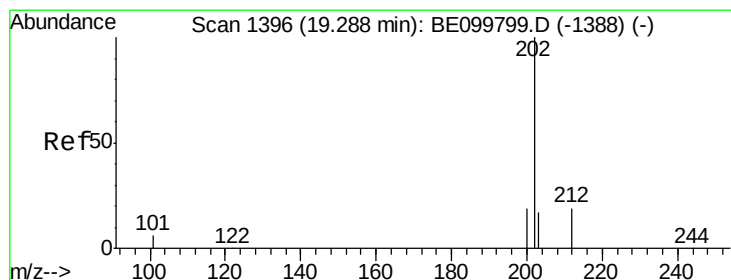
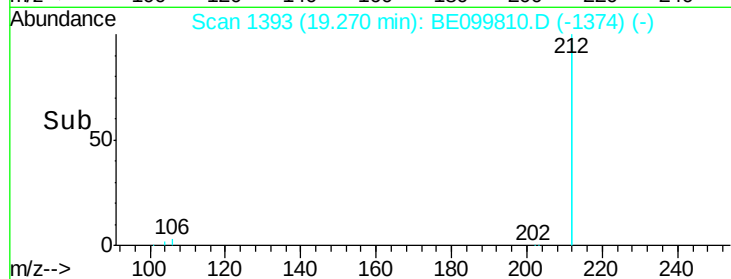
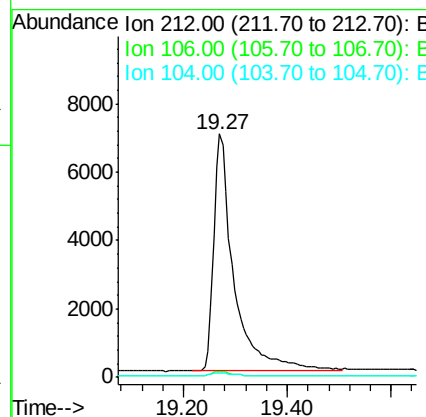
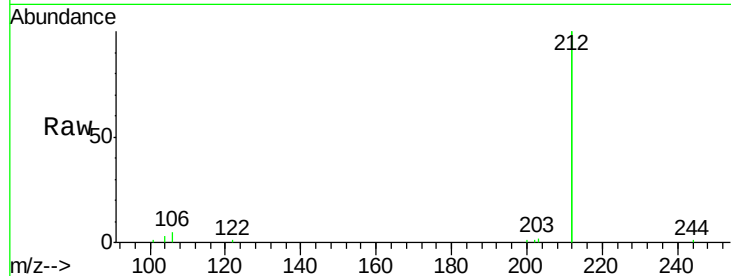
#25
 Fluoranthene-d10
 Concen: 0.189 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2

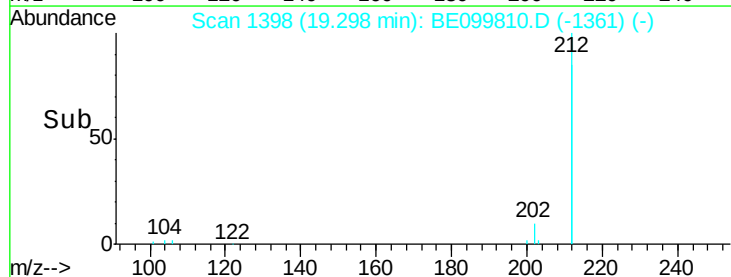
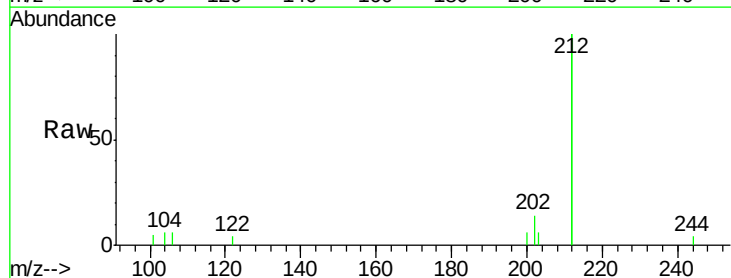
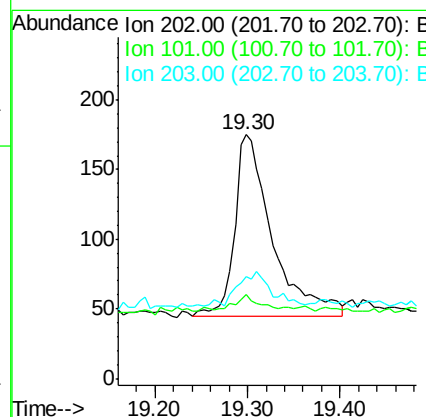
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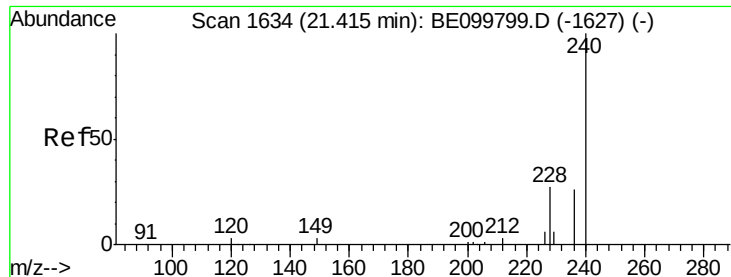
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#26
 Fluoranthene
 Concen: 0.013 ng
 RT: 19.30 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.9	5.2	7.8#
203	14.2	13.6	20.4





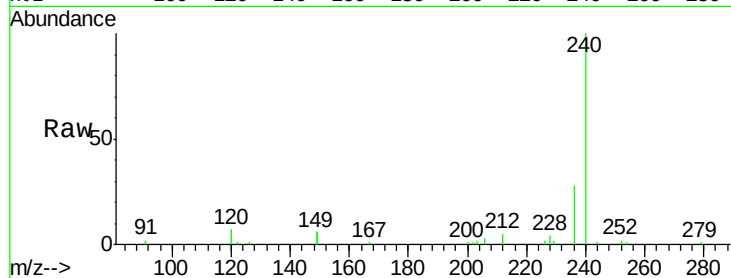
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

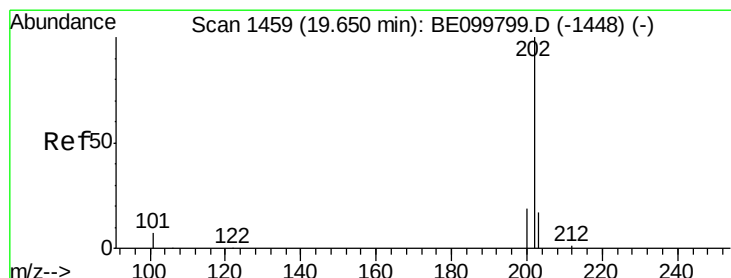
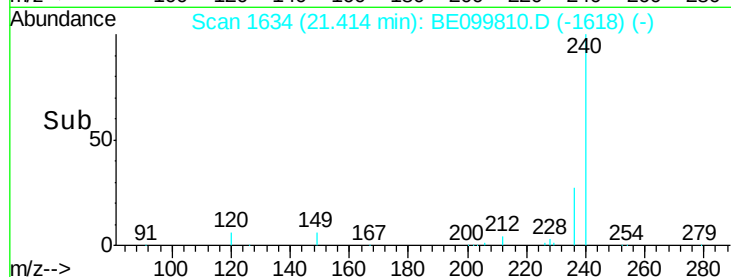
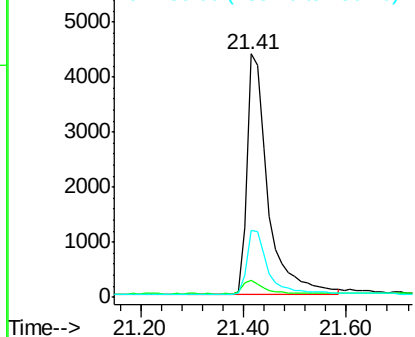
Tot Ion:240 Resp: 12426
Ion Ratio Lower Upper
240 100
120 7.1 2.8 4.2#
236 27.6 20.9 31.3

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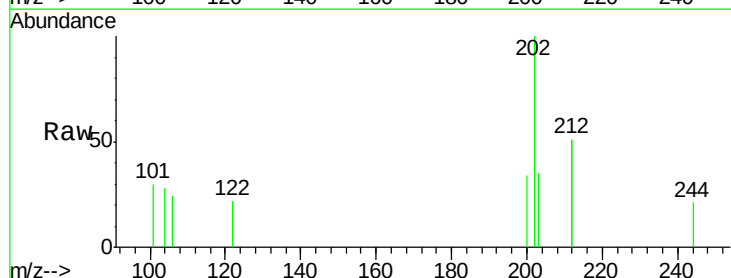


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

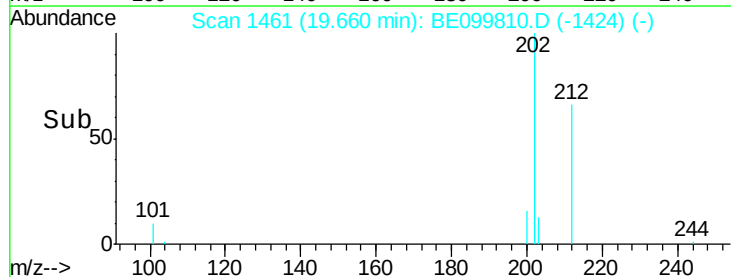
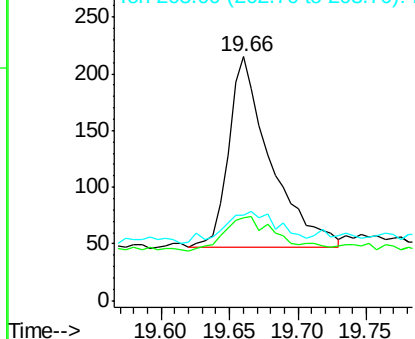


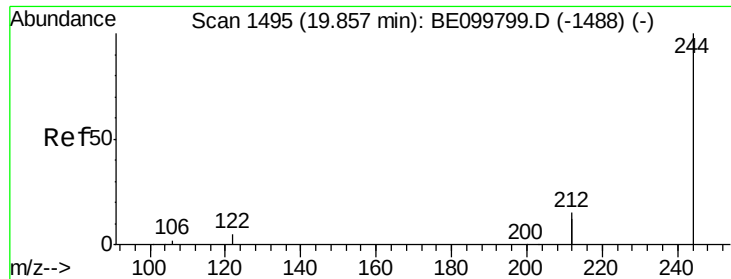
#28
Pyrene
Concen: 0.012 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion:202 Resp: 358
Ion Ratio Lower Upper
202 100
200 22.1 15.6 23.4
203 20.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.219 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Instrument :

BNA_E

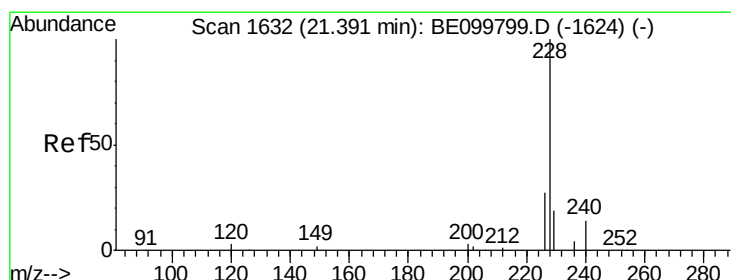
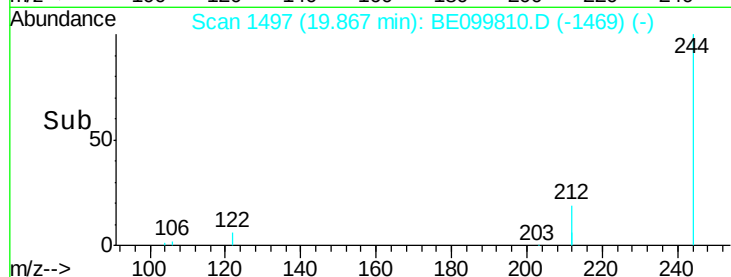
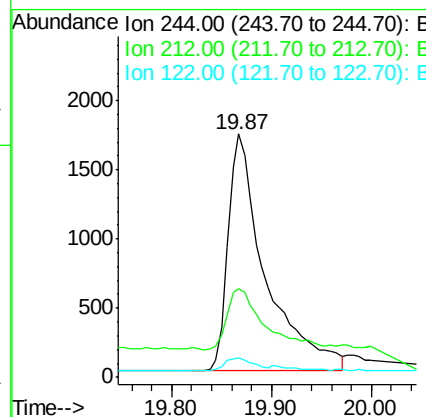
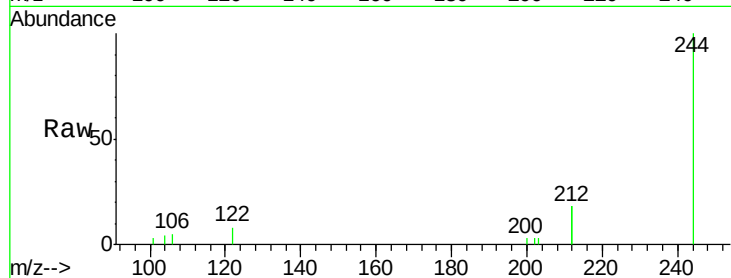
ClientSampleId :

LOQ-SOIL-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	36.5	23.7	35.5#
122	8.1	4.8	7.2#

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#30

Benzo(a)anthracene

Concen: 0.012 ng

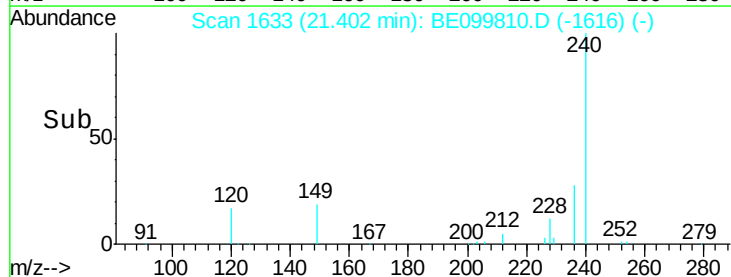
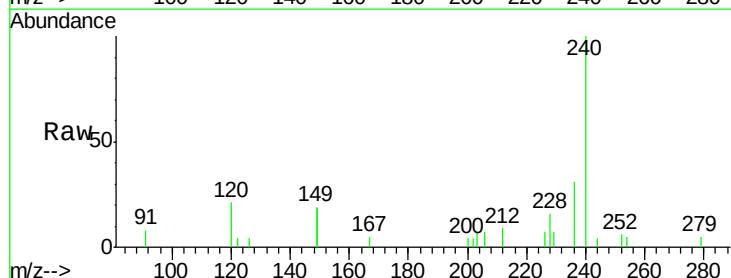
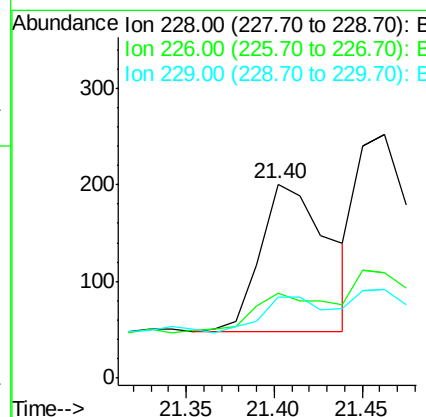
RT: 21.40 min Scan# 1633

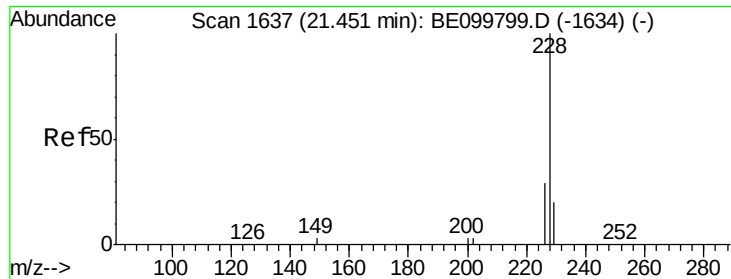
Delta R.T. 0.01 min

Lab File: BE099810.D

Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.8	21.6	32.4#
229	41.3	15.8	23.6#





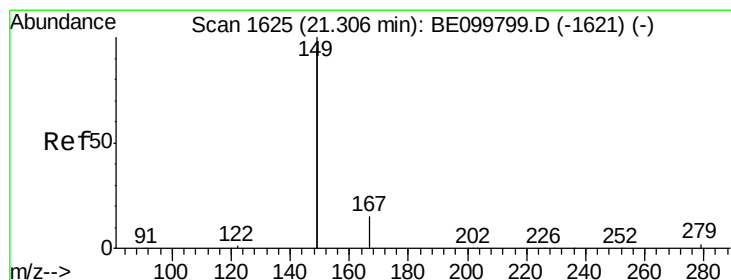
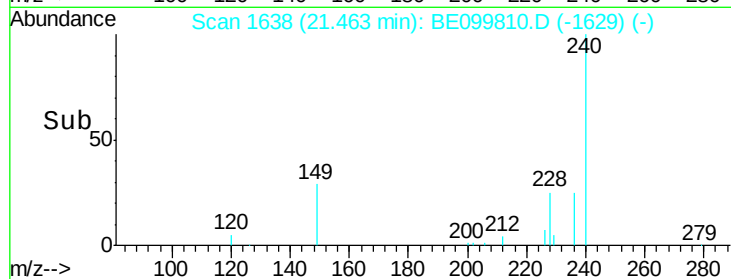
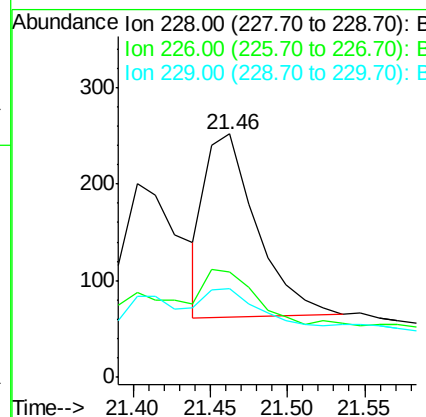
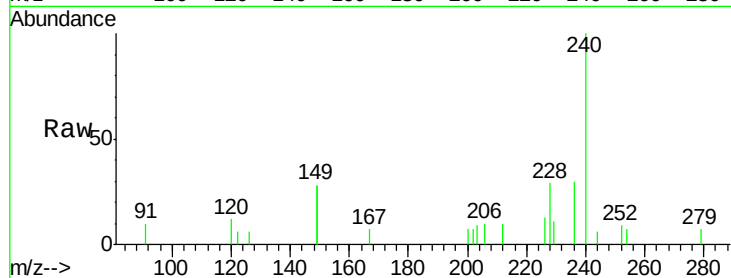
#31
 Chrysene
 Concen: 0.012 ng
 RT: 21.46 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	43.3	22.9	34.3#
229	36.5	16.4	24.6#

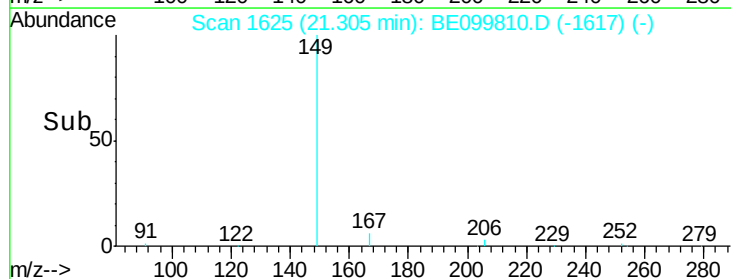
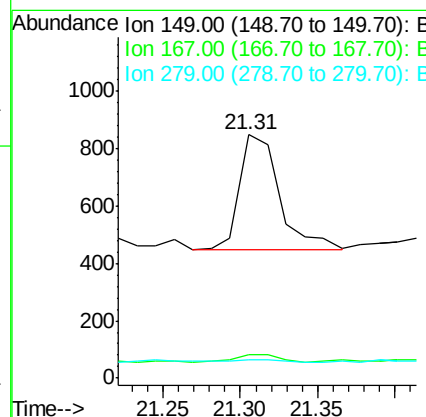
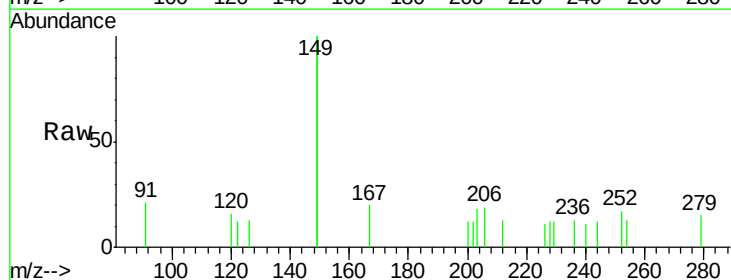
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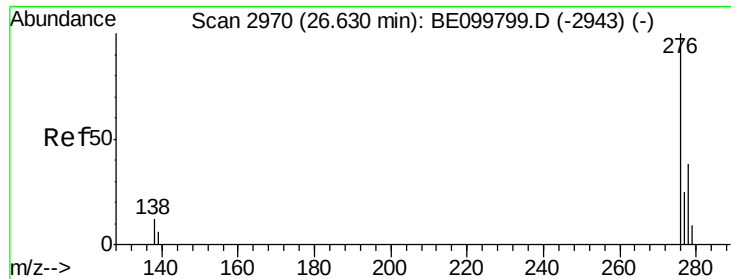
mohammad
 6/6/2019 3:43:13 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.018 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.1	6.0	9.0
279	2.6	1.2	1.8#





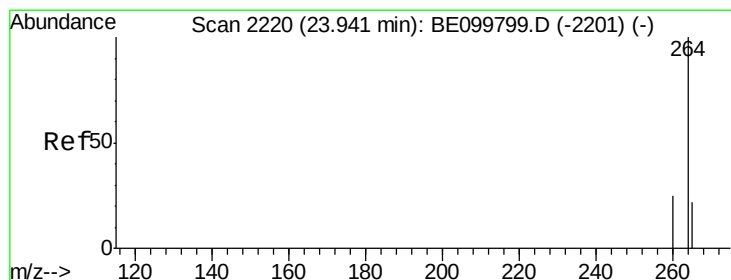
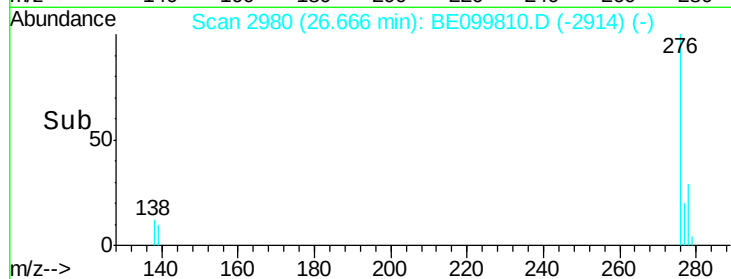
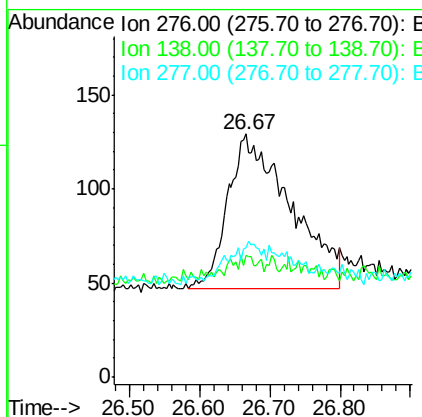
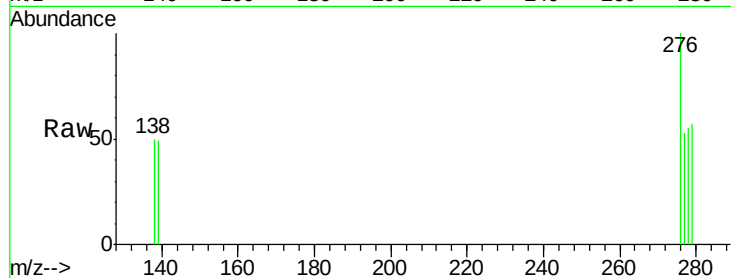
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.011 ng/ml
 RT: 26.67 min Scan# 2980
 Delta R.T. 0.04 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.3	15.5#
277	2.9	19.4	29.2#

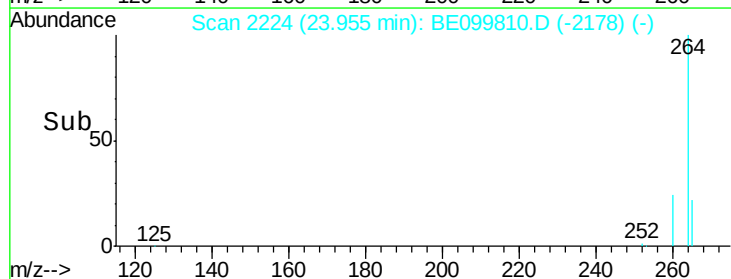
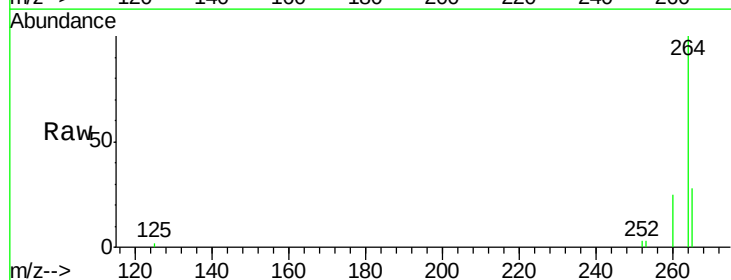
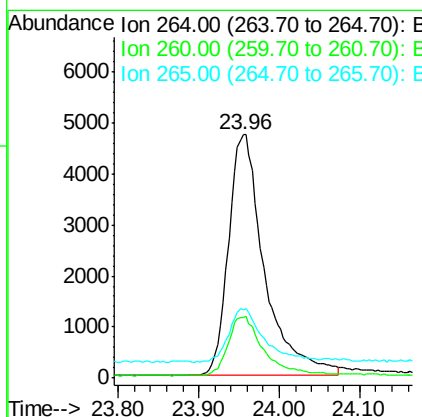
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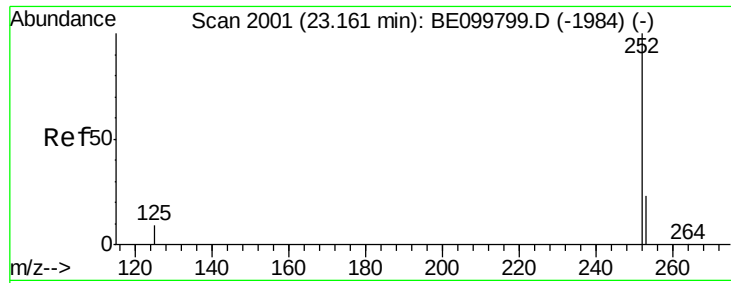
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	27.9	20.7	31.1





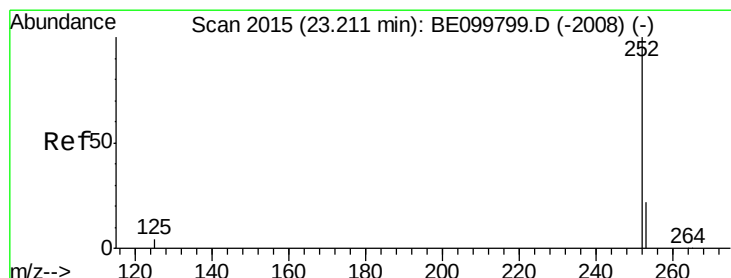
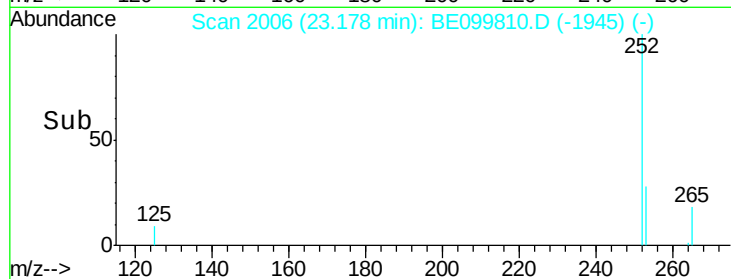
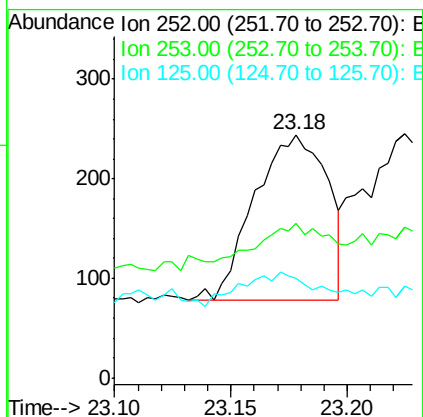
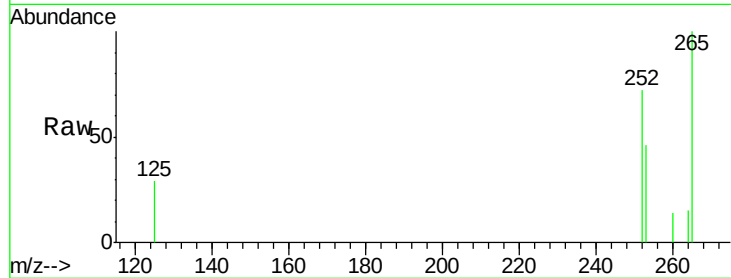
#35
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	63.5	18.9	28.3#
125	41.0	7.6	11.4#

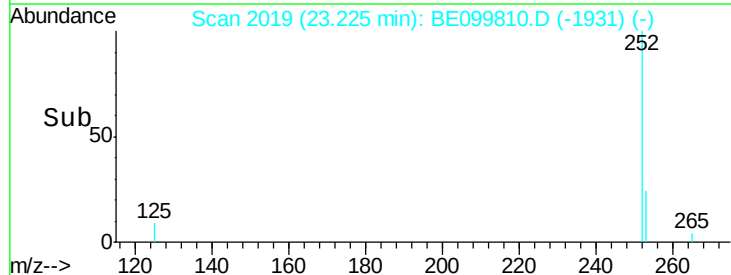
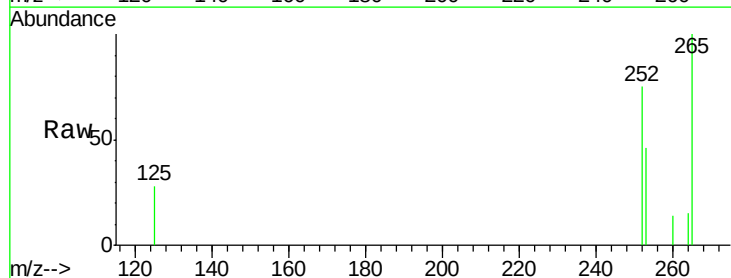
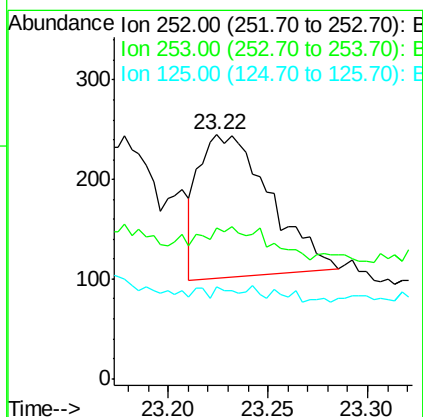
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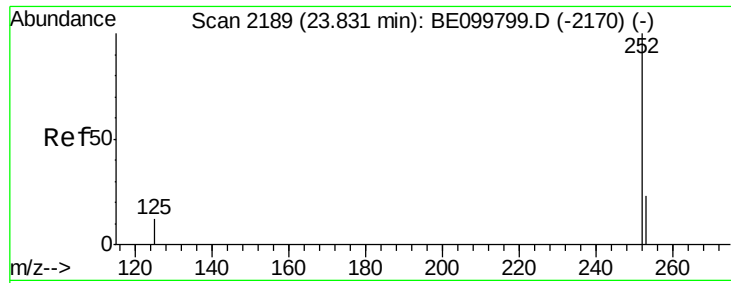
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 23.22 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.6	18.4	27.6#
125	37.6	4.6	7.0#





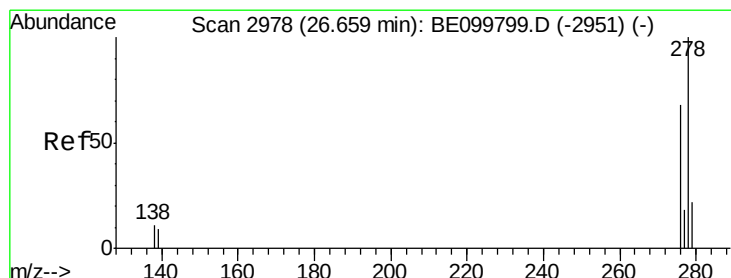
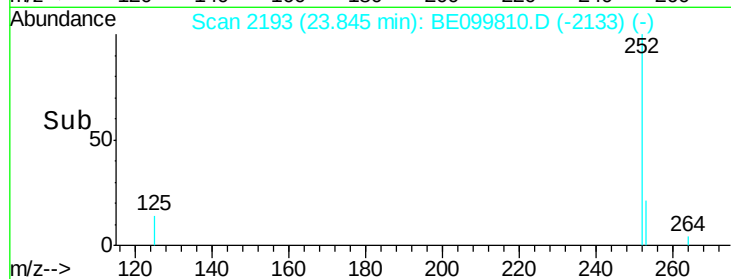
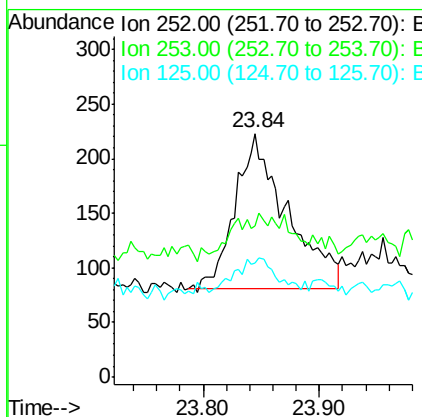
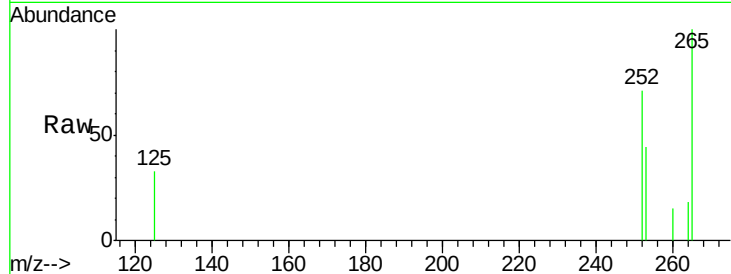
#37
Benzo(a)pyrene
Concen: 0.011 ng
RT: 23.84 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.9	19.3	28.9#
125	46.6	10.2	15.4#

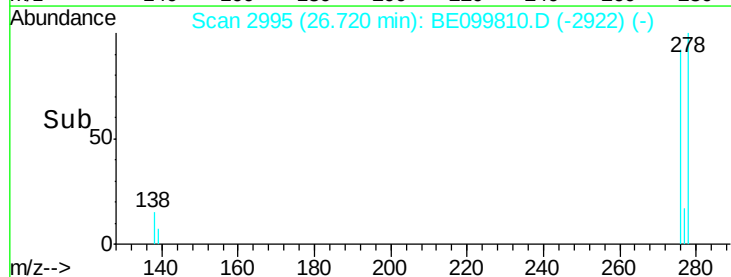
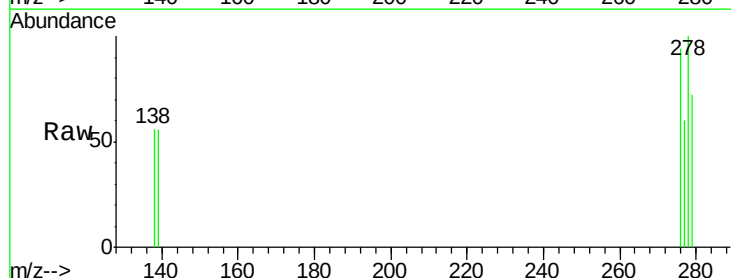
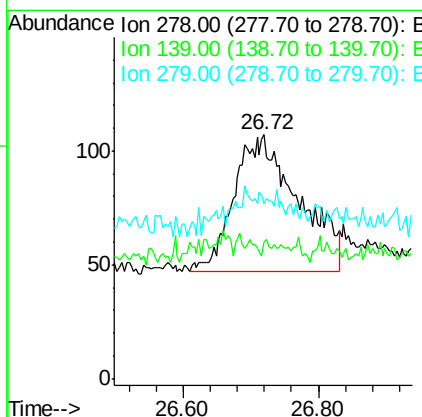
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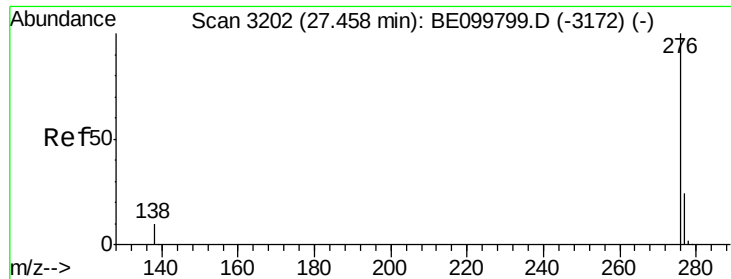
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.010 ng m
RT: 26.72 min Scan# 2995
Delta R.T. 0.06 min
Lab File: BE099810.D
Acq: 5 Jun 2019 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	56.1	7.9	11.9#
279	72.0	18.5	27.7#





#39
 Benzo(a,h,i)perylene
 Concen: 0.011 ng
 RT: 27.50 min Scan# 3213
 Delta R.T. 0.04 min
 Lab File: BE099810.D
 Acq: 5 Jun 2019 19:00

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	52.0	19.6	29.4#
138	44.1	9.0	13.4#

Manual Integrations
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