

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
 Data File : BE093429.D
 Acq On : 6 Jul 2017 14:04
 Operator : SJ/JU
 Sample : I3757-02
 Misc : LOQ 0.2 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2017

Manual Integrations
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Quant Time: Jul 07 07:02:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4041	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22332	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14040	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	34113	0.40	ng	0.00
27) Chrysene-d12	21.43	240	37661	0.40	ng	0.00
34) Perylene-d12	23.93	264	32695	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	5780	0.47	ng	0.00
5) Phenol-d6	7.10	99	9063	0.50	ng	0.00
8) Nitrobenzene-d5	9.08	82	7682	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	18081	0.51	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1649	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	27376	0.50	ng	0.00
25) Fluoranthene-d10	19.29	212	202441	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	35345	0.53	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	1519	0.178	ng	# 91
3) n-Nitrosodimethylamine	3.77	42	766	0.247	ng	# 97
6) bis(2-Chloroethyl)ether	7.35	93	2584	0.191	ng	# 96
9) Naphthalene	10.77	128	45065	0.193	ng	# 73
10) Hexachlorobutadiene	11.08	225	1701	0.192	ng	98
12) 2-Methylnaphthalene	12.38	142	7809	0.199	ng	95
16) Acenaphthylene	14.26	152	10949	0.187	ng	# 87
17) Acenaphthene	14.60	154	8063	0.188	ng	98
18) Fluorene	15.58	166	10482	0.178	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	4102	0.219	ng	# 17
21) Hexachlorobenzene	16.58	284	4620	0.229	ng	# 100
22) Pentachlorophenol	16.91	266	512	0.169	ng	# 77
23) Phenanthrene	17.30	178	25361	0.205	ng	98
24) Anthracene	17.40	178	12000m	0.158	ng	
26) Fluoranthene	19.32	202	21778	0.187	ng	99
28) Pyrene	19.67	202	21927	0.207	ng	# 99
30) Benzo(a)anthracene	21.40	228	19826	0.195	ng	93
31) Chrysene	21.46	228	20752	0.195	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	29630	0.202	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	18838	0.202	ng	95
35) Benzo(b)fluoranthene	23.16	252	19349	0.183	ng	97
36) Benzo(k)fluoranthene	23.21	252	19241	0.184	ng	96
37) Benzo(a)pyrene	23.82	252	17406	0.188	ng	97
38) Dibenzo(a,h)anthracene	26.60	278	16839	0.187	ng	# 92
39) Benzo(g,h,i)perylene	27.40	276	17359	0.191	ng	92

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

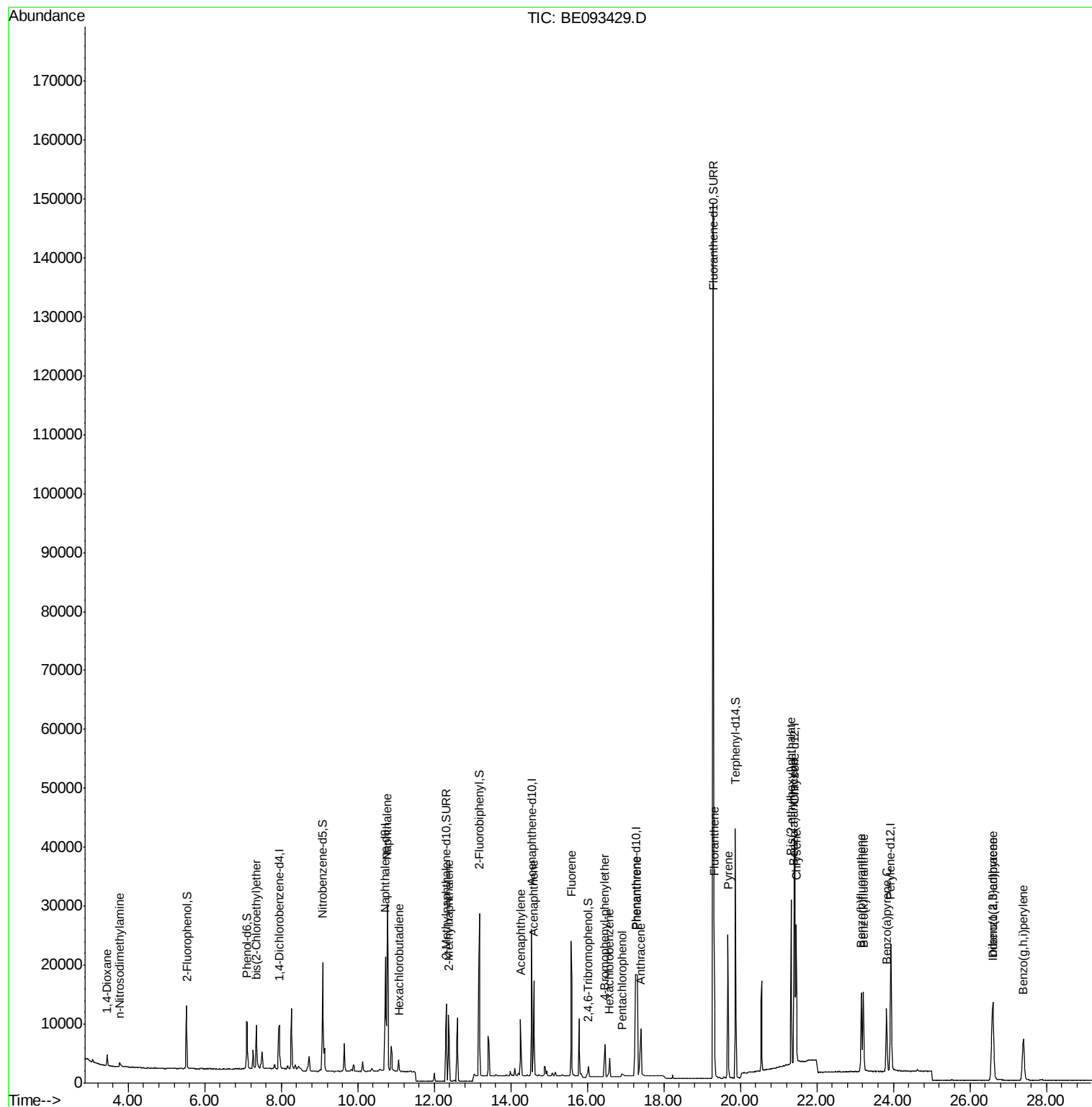
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
Data File : BE093429.D
Acq On : 6 Jul 2017 14:04
Operator : SJ/JU
Sample : I3757-02
Misc : LOQ 0.2 PPM
ALS Vial : 4 Sample Multiplier: 1

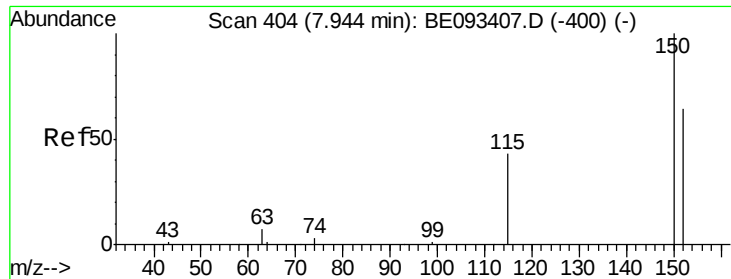
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2017

Manual Integrations
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Quant Time: Jul 07 07:02:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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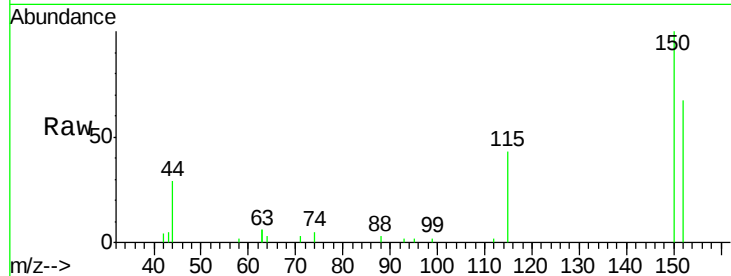




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

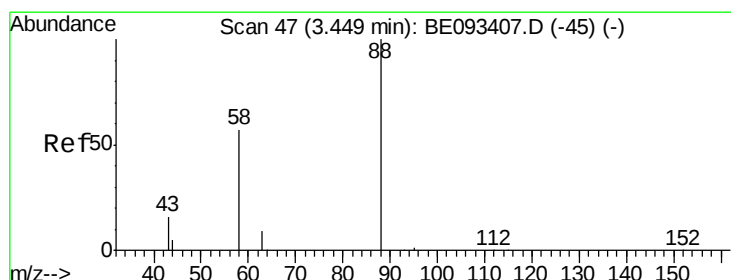
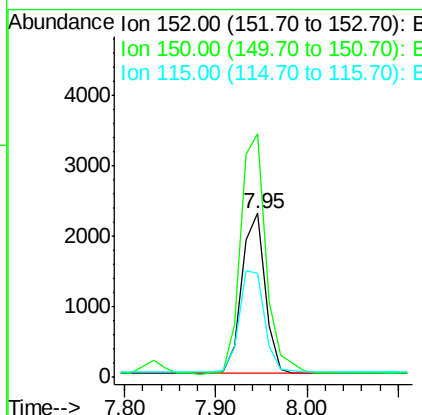
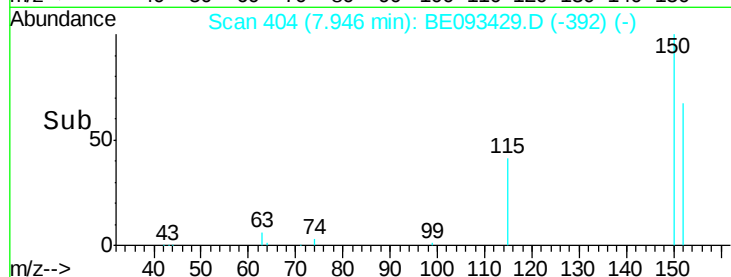
Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2017



Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.3	125.1	187.7
115	63.7	55.7	83.5

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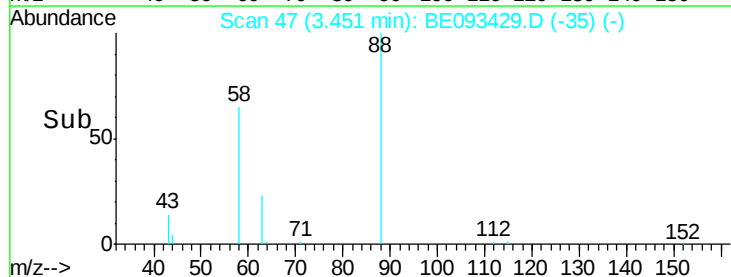
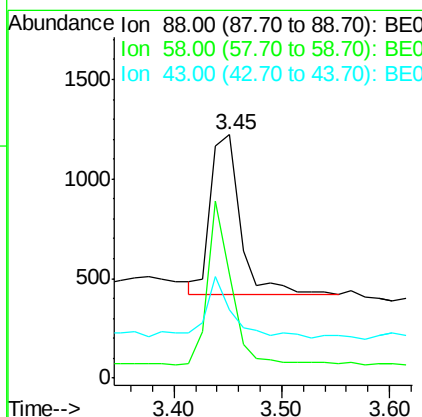
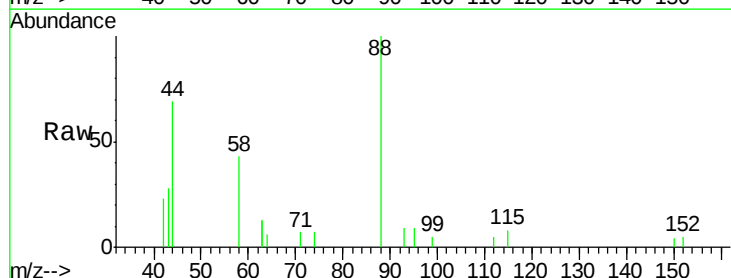
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#2

1,4-Dioxane
Concen: 0.178 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	62.2	93.4
43	38.7	23.2	34.8#





#3

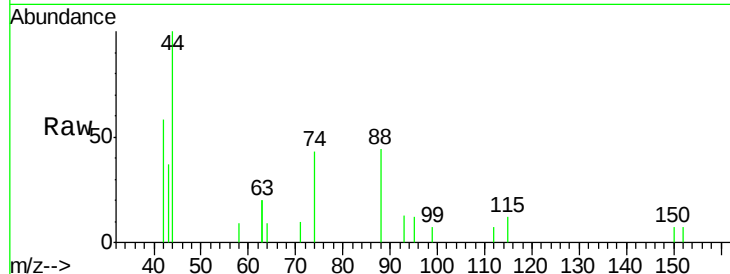
n-Nitrosodimethylamine
Concen: 0.247 ng
RT: 3.77 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Instrument :
BNA_E
ClientSampleId :
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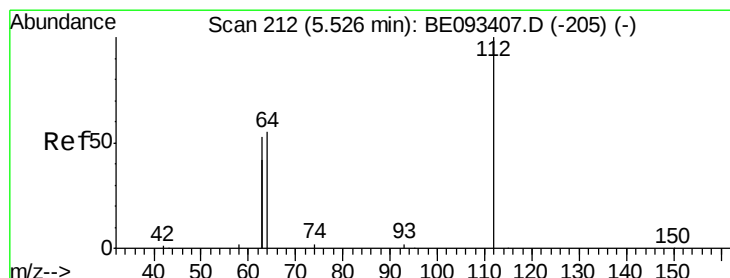
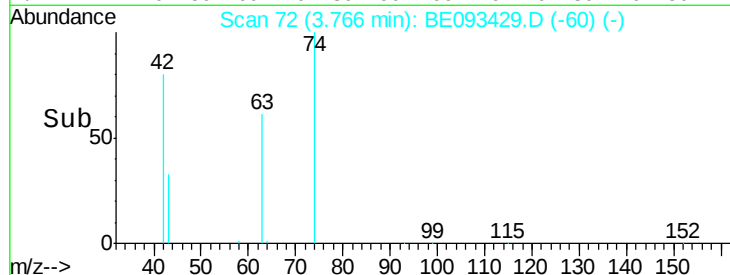
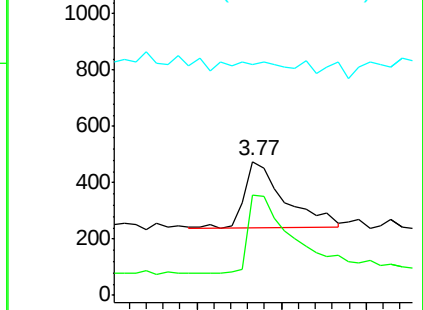
Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.8	99.1	148.7
44	0.0	7.4	11.2#

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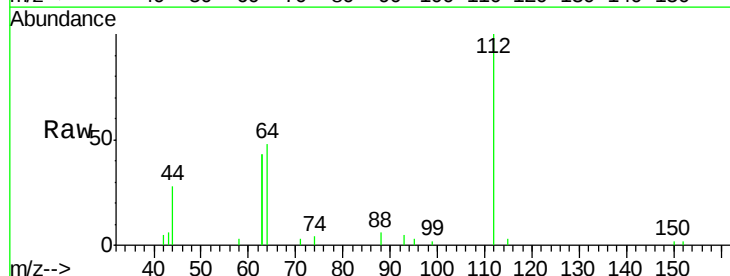
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



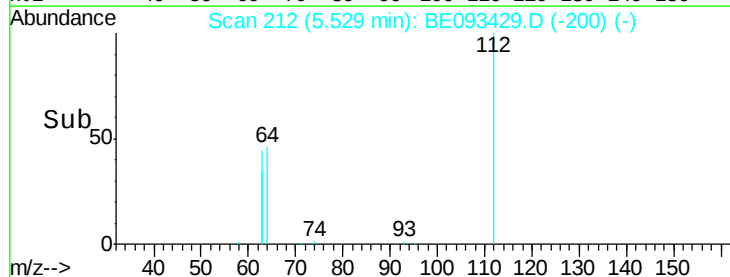
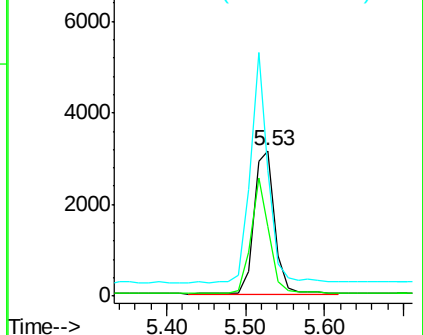
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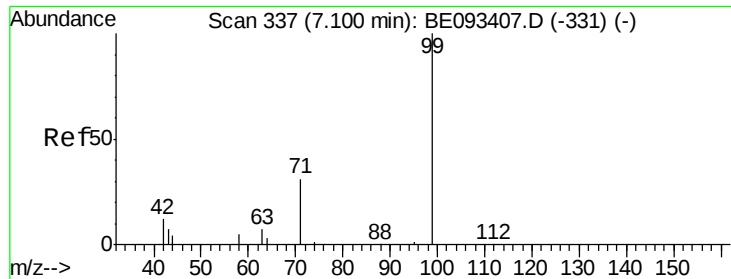
2-Fluorophenol
Concen: 0.474 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.4	84.6
63	140.0	29.3	43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.504 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

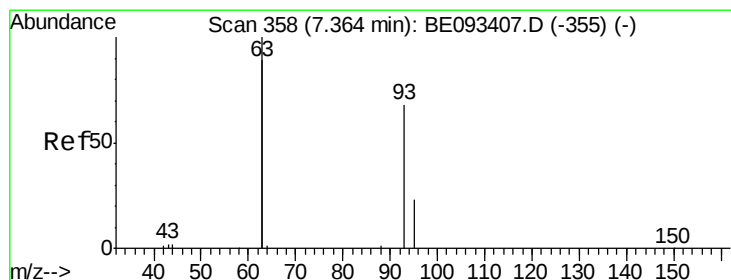
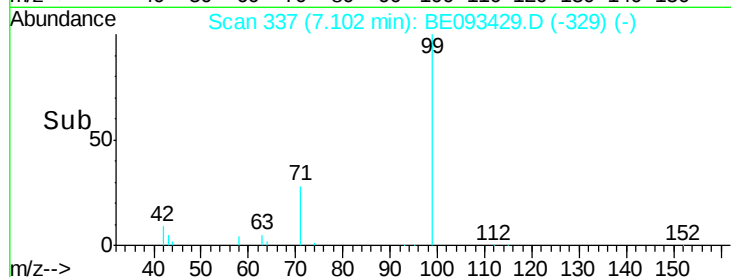
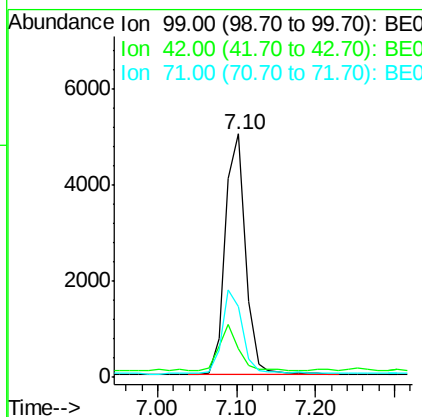
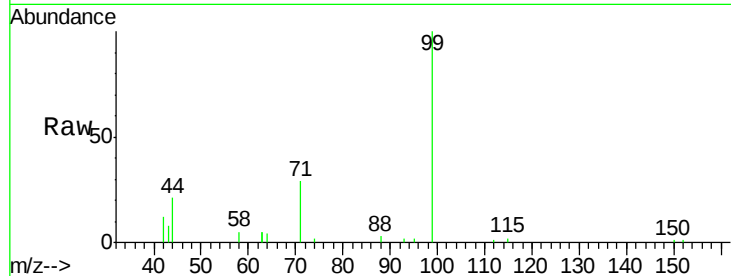
ClientSampleId :

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Tgt Ion:	99	Resp:	9063
Ion Ratio	Lower	Upper	
99	100		
42	18.9	0.0	0.0#
71	35.0	0.0	0.0#

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#6

bis(2-Chloroethyl)ether

Concen: 0.191 ng

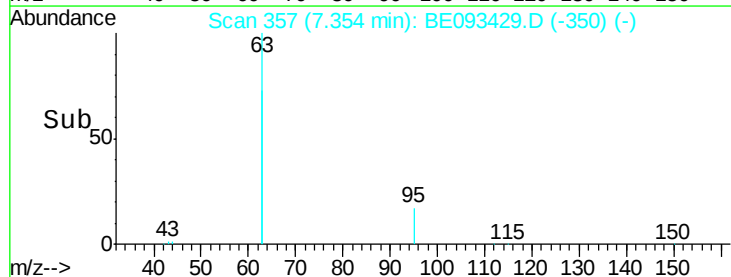
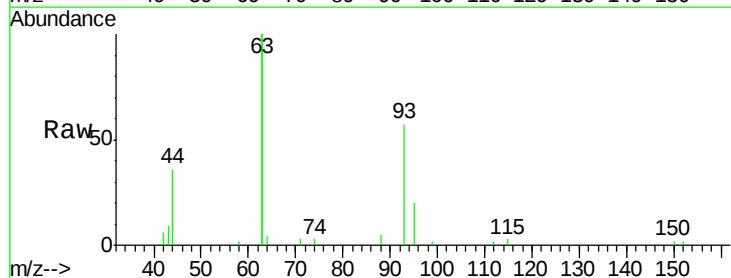
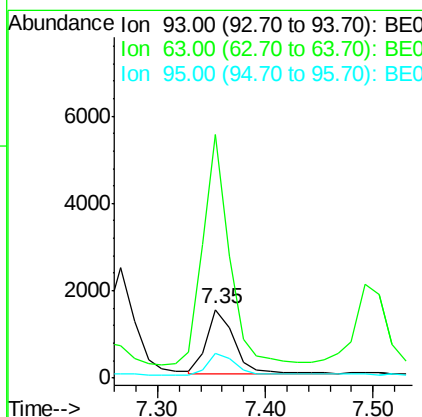
RT: 7.35 min Scan# 357

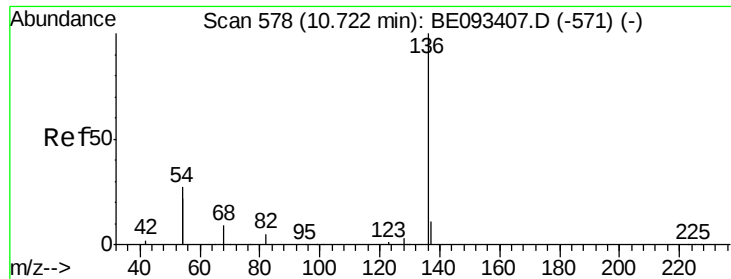
Delta R.T. -0.01 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	93	Resp:	2584
Ion Ratio	Lower	Upper	
93	100		
63	346.0	0.0	0.0#
95	34.0	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

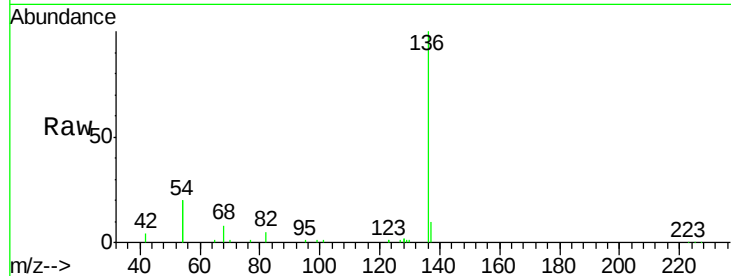
ClientSampleId :

LOQ-SOIL-02-QT3-2017

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.8	14.8
54	40.7	10.3	15.5#
68	8.0	9.0	13.4#

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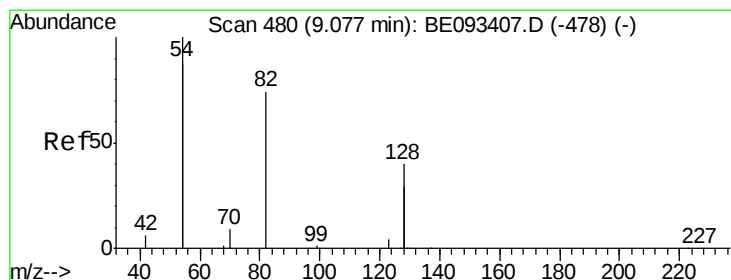
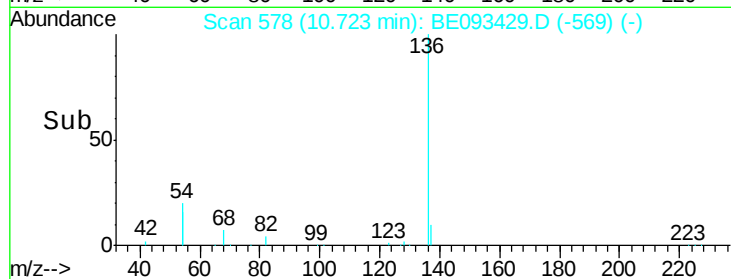
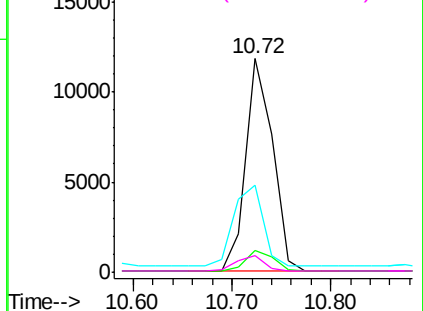


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.539 ng

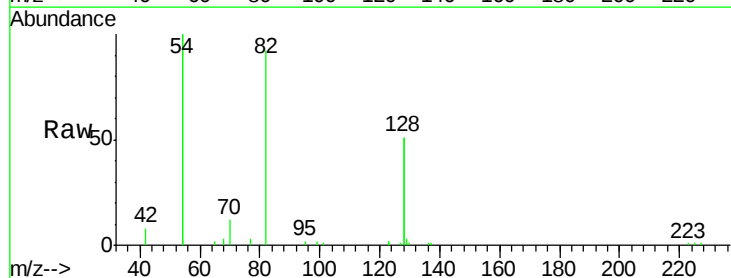
RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

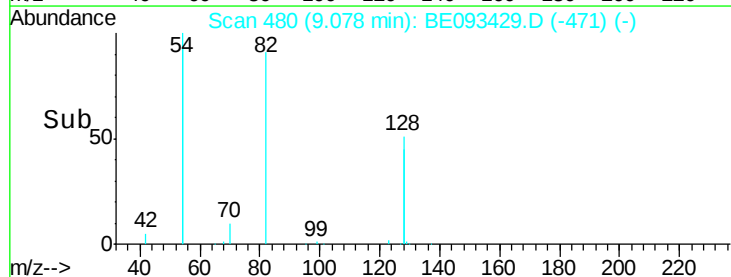
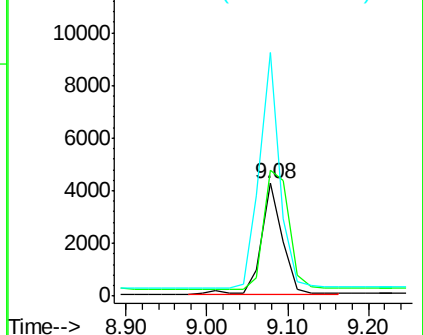
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	111.4	17.0	25.4#
54	216.4	53.8	80.6#

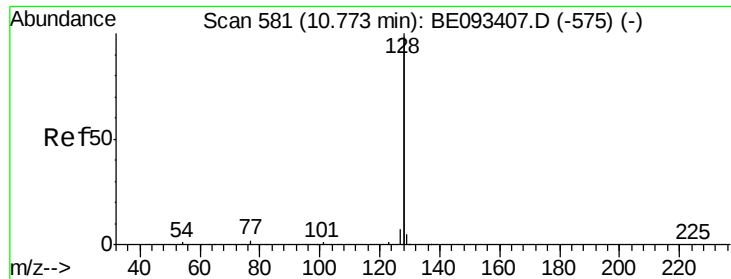


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.193 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

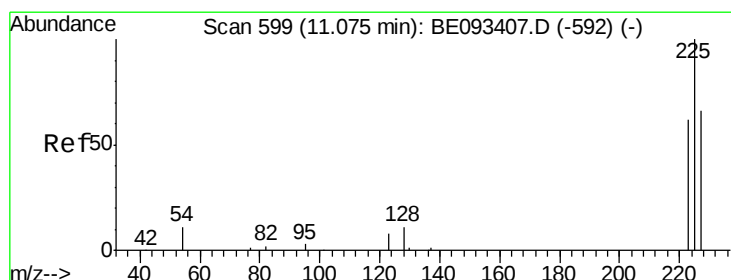
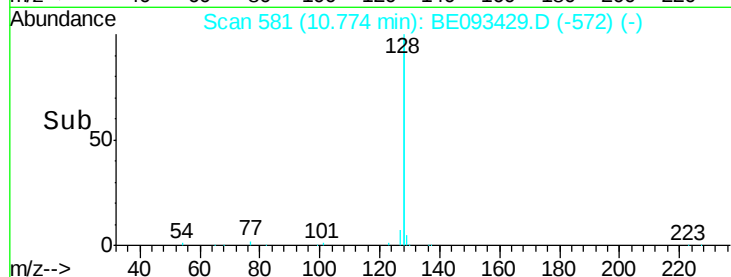
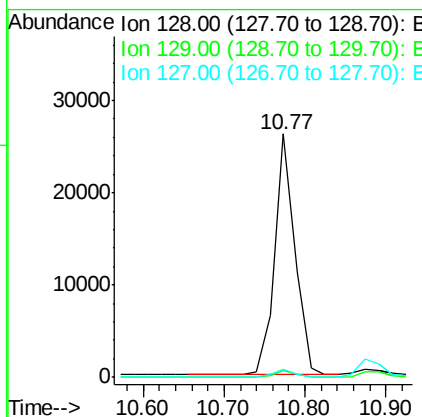
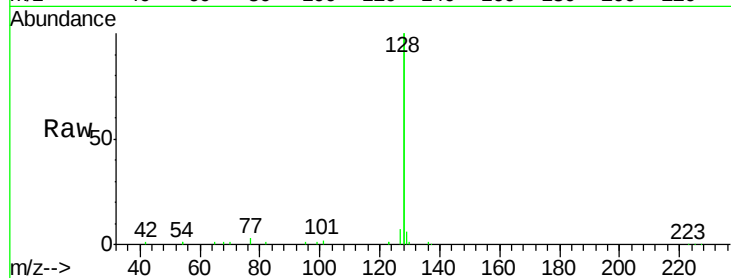
ClientSampleId :

LOQ-SOIL-02-QT3-2017

Tgt Ion:	128	Resp:	45065
Ion Ratio	Lower	Upper	
128	100		
129	2.9	11.4	17.0#
127	3.6	11.2	16.8#

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#10

Hexachlorobutadiene

Concen: 0.192 ng

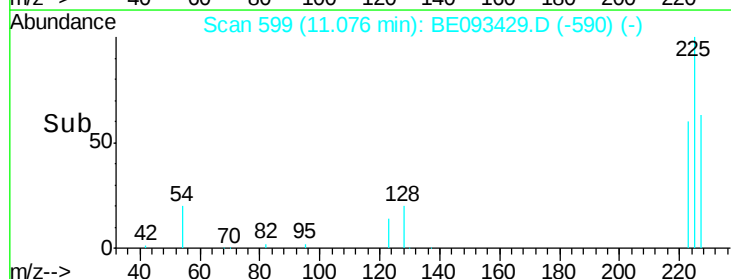
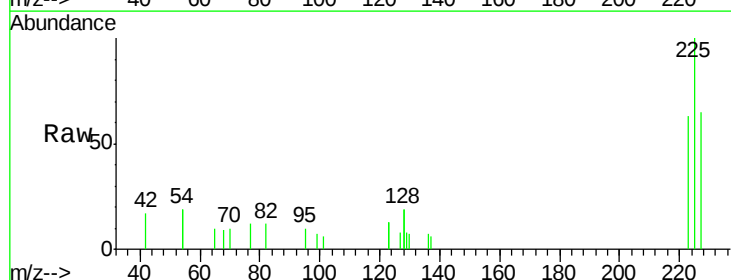
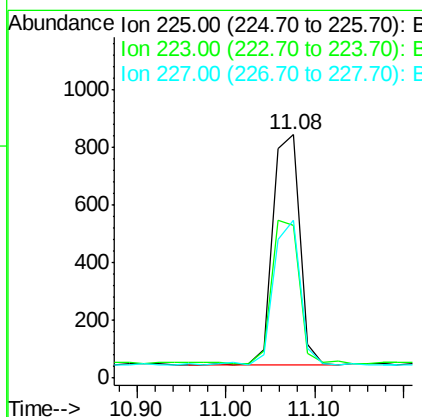
RT: 11.08 min Scan# 599

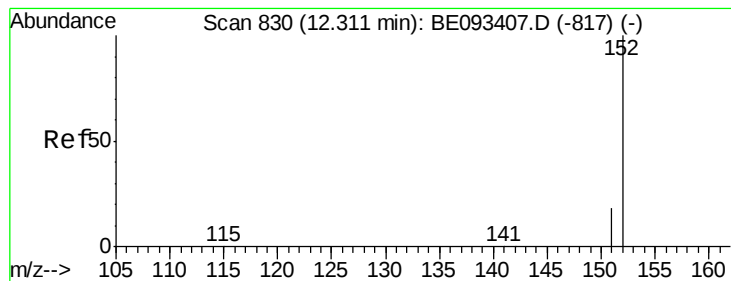
Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	225	Resp:	1701
Ion Ratio	Lower	Upper	
225	100		
223	64.0	49.7	74.5
227	61.7	50.3	75.5





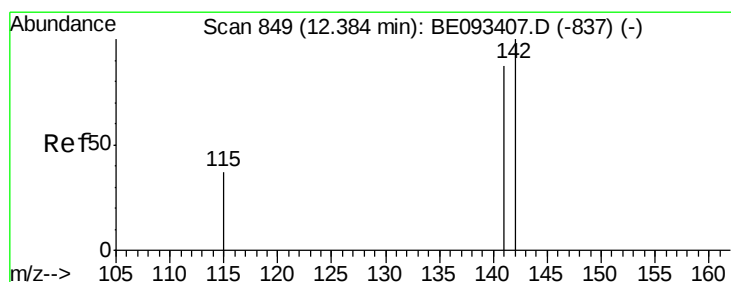
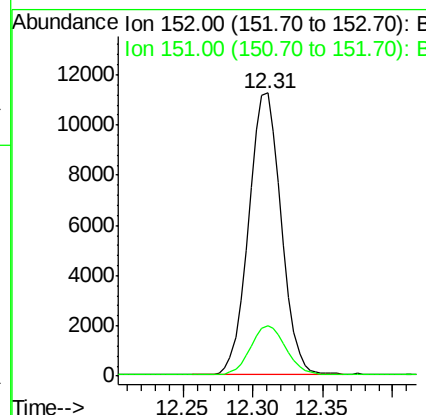
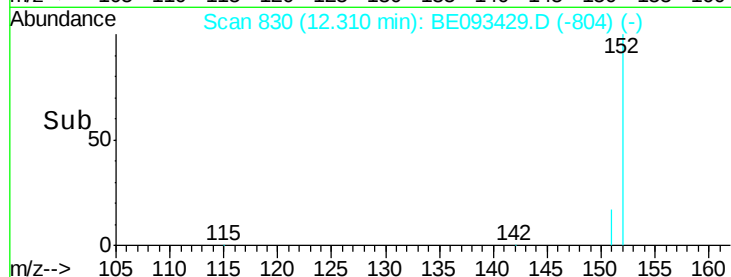
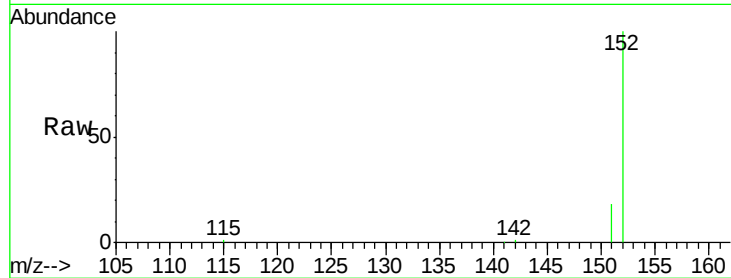
#11
 2-Methylnaphthalene-d10
 Concen: 0.507 ng
 RT: 12.31 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2017

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

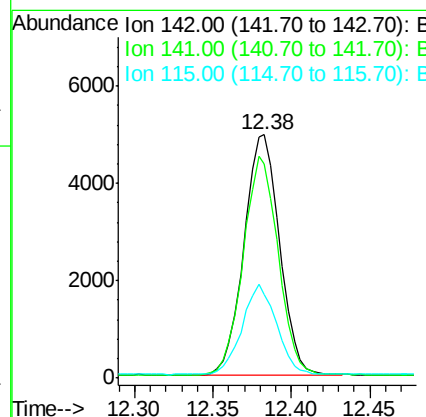
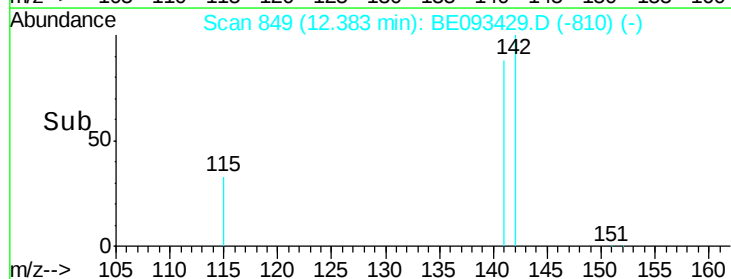
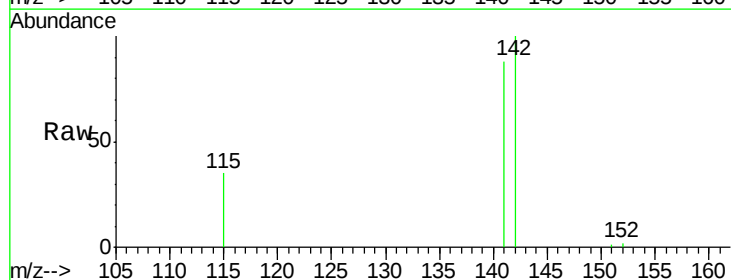
Manual Integrations
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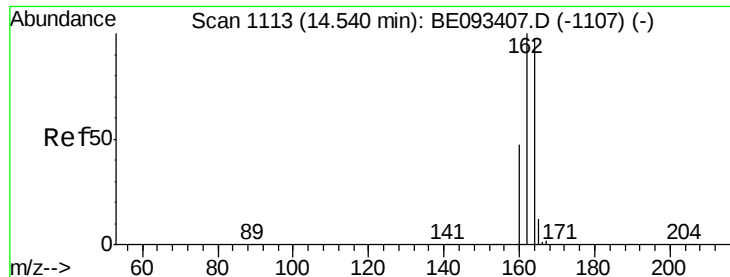
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#12
 2-Methylnaphthalene
 Concen: 0.199 ng
 RT: 12.38 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8
115	34.6	32.2	48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093429.D

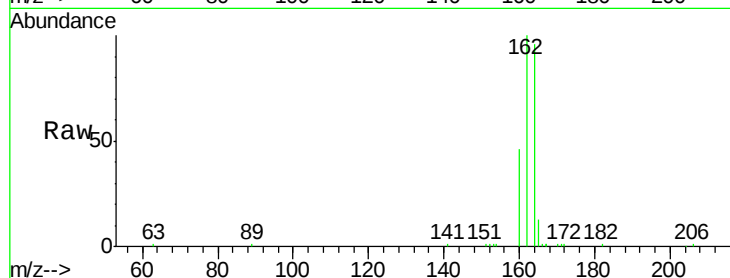
Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:164 Resp: 14040

Ion Ratio Lower Upper

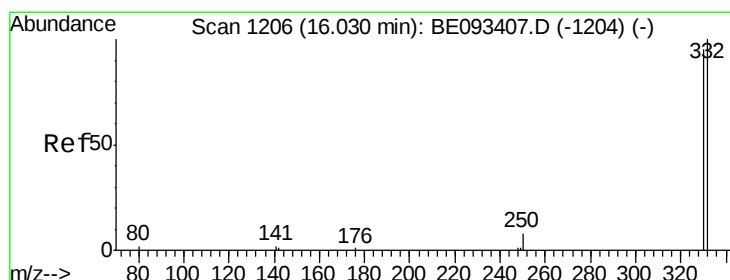
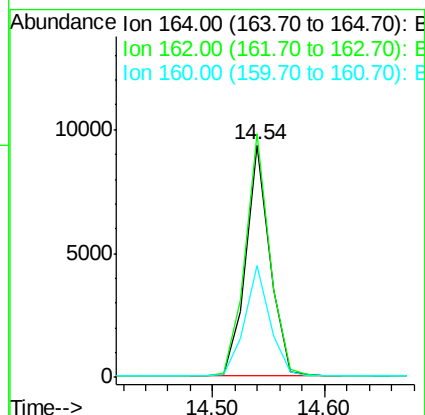
164 100

162 104.7 84.6 127.0

160 47.9 41.8 62.6

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#14

2,4,6-Tribromophenol

Concen: 0.374 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

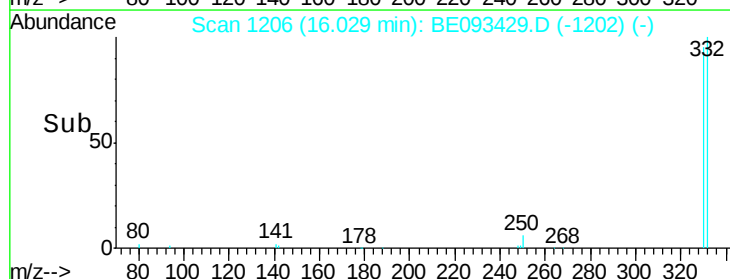
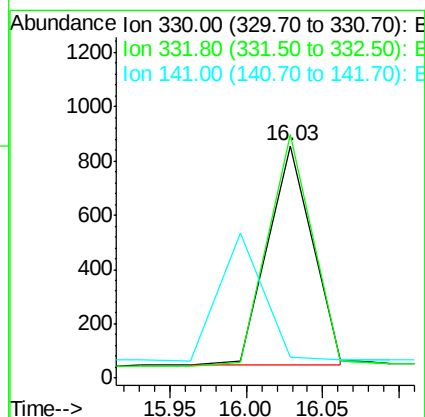
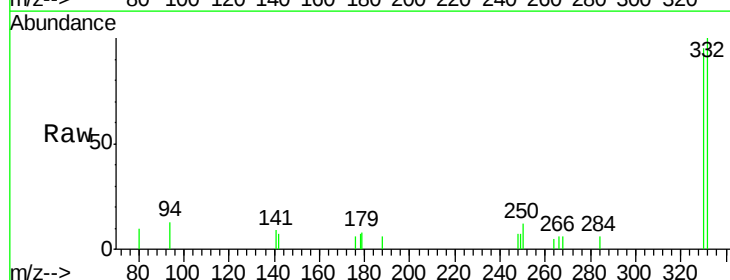
Tgt Ion:330 Resp: 1649

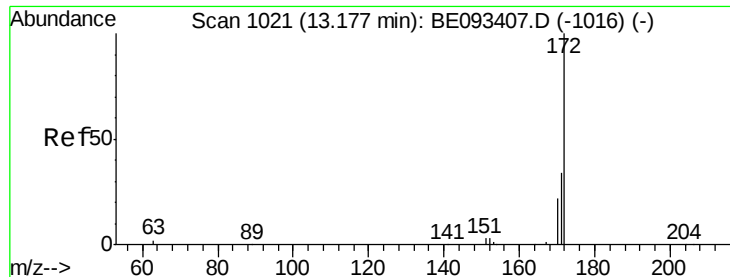
Ion Ratio Lower Upper

330 100

332 104.7 77.7 116.5

141 0.0 56.2 84.4#





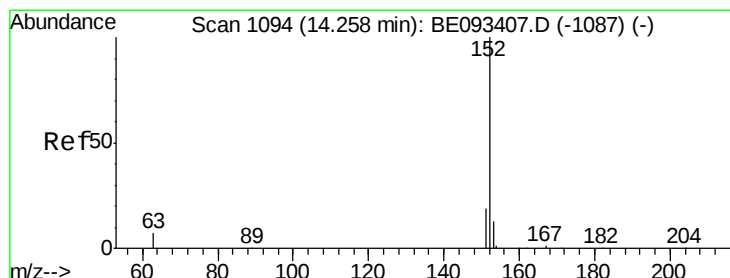
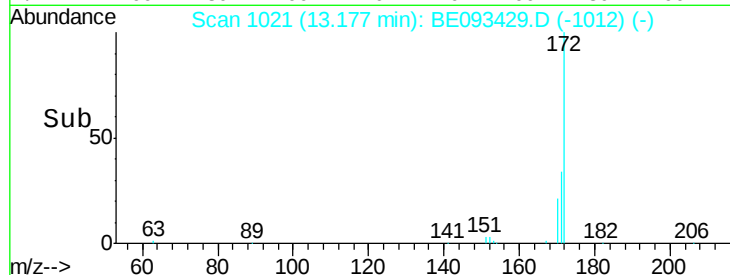
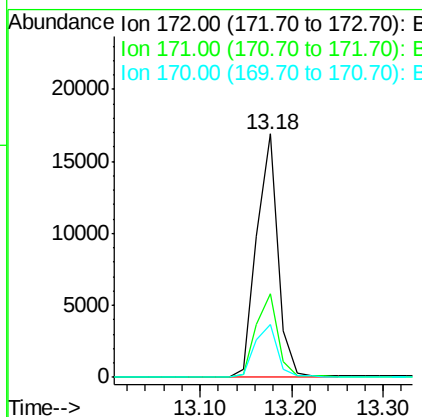
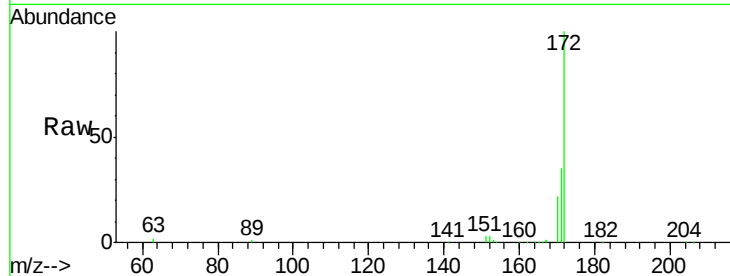
#15
2-Fluorobiphenyl
Concen: 0.502 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2017

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.8	44.6
170	21.5	20.7	31.1

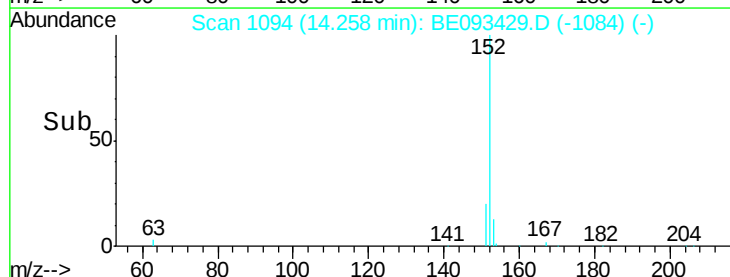
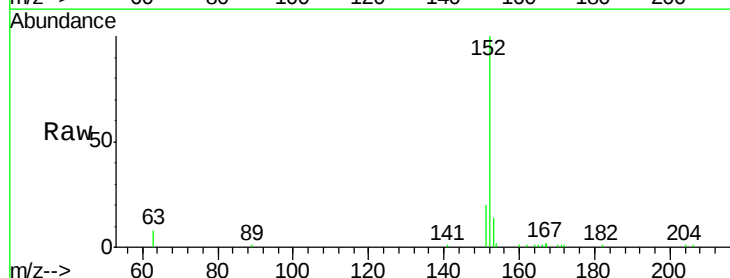
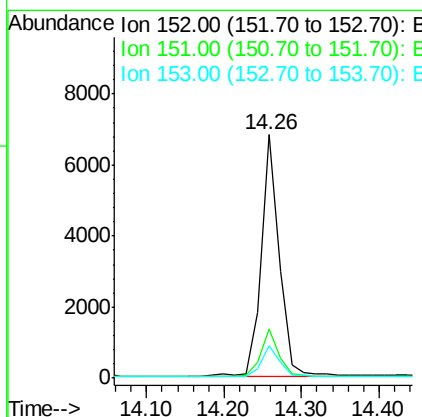
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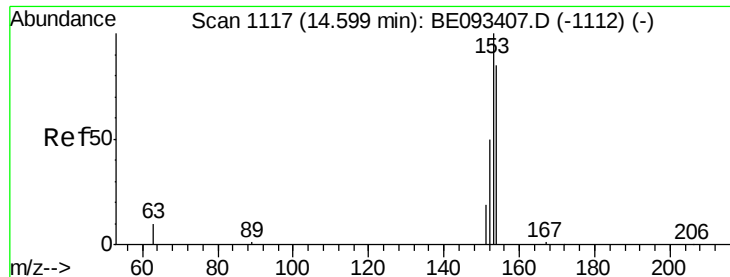
mohammad
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#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	4.0	6.0#
153	13.2	10.3	15.5





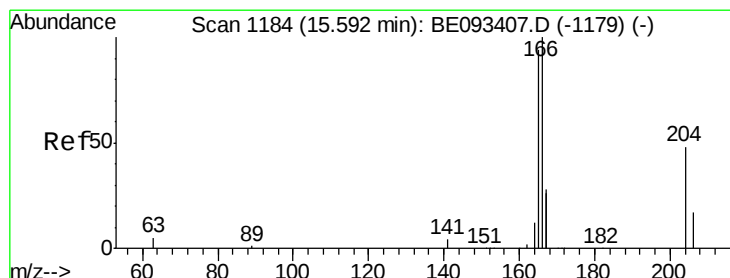
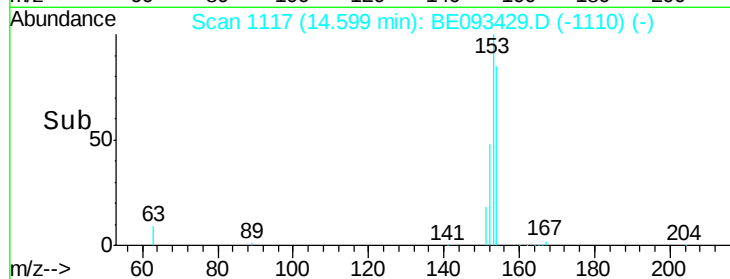
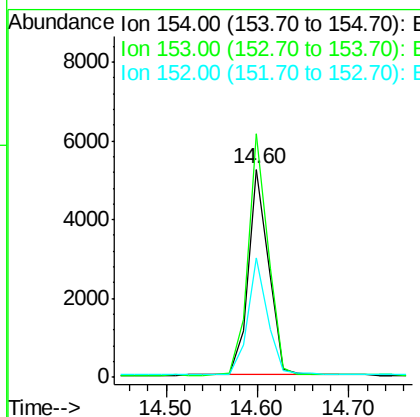
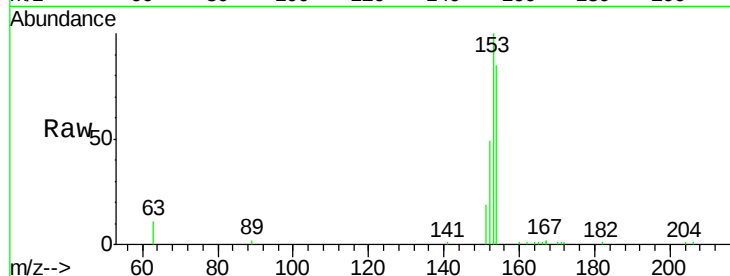
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL-02-QT3-2017

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.6	91.2	136.8
152	56.1	44.8	67.2

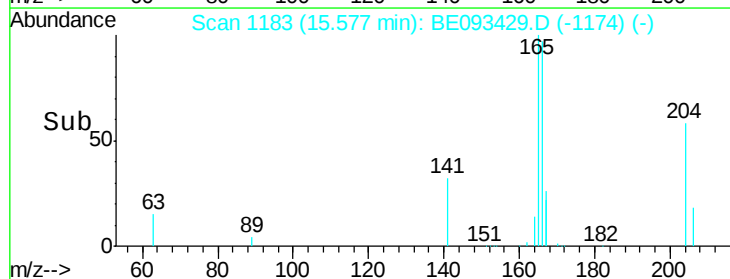
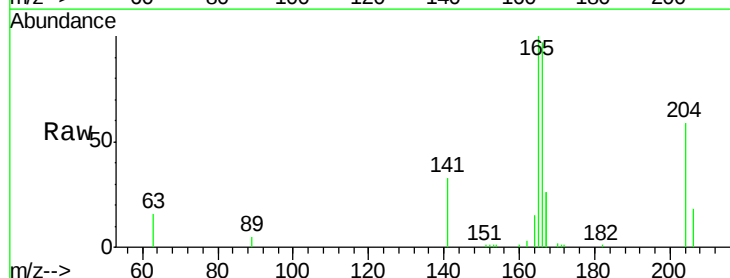
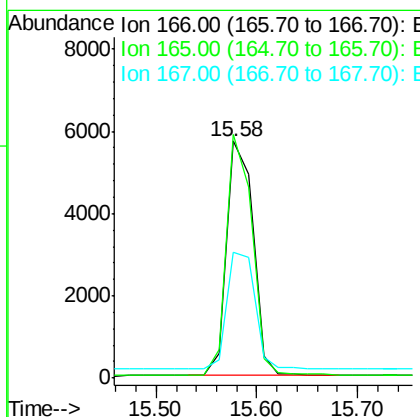
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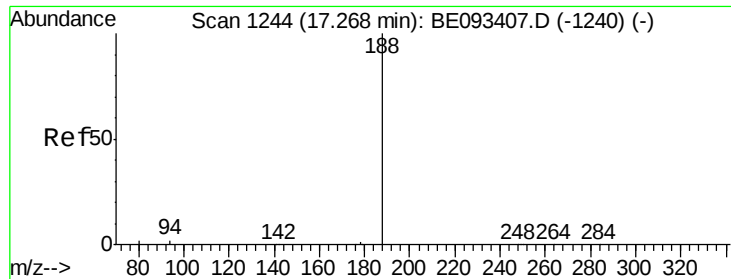
mohammad
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#18
Fluorene
Concen: 0.178 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE093429.D
Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	52.1	11.1	16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

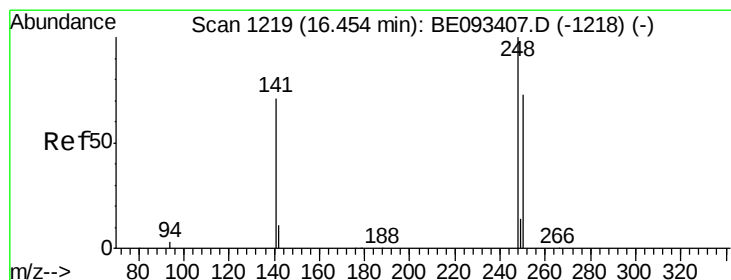
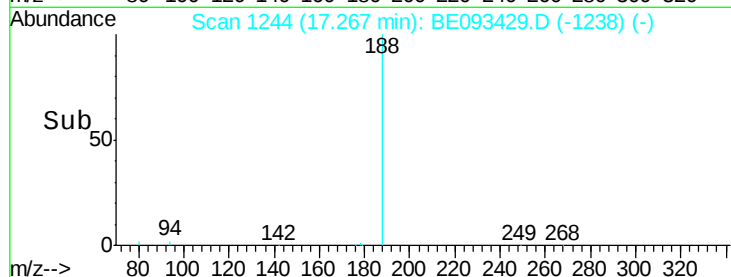
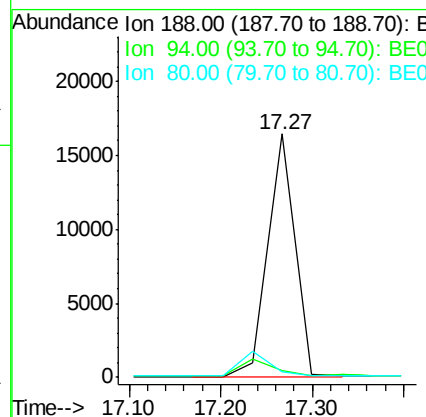
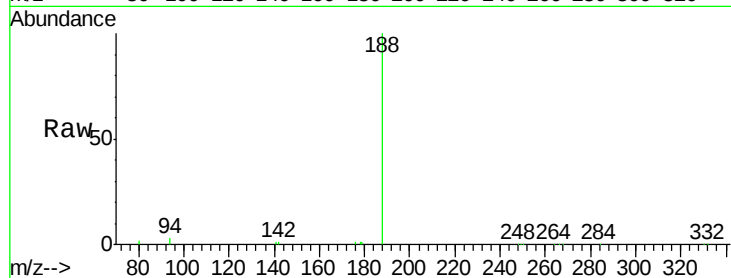
ClientSampleId :

LOQ-SOIL-02-QT3-2017

Tgt Ion:	188	Resp:	34113
Ion Ratio	Lower	Upper	
188	100		
94	2.9	11.3	16.9#
80	2.1	11.7	17.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.219 ng

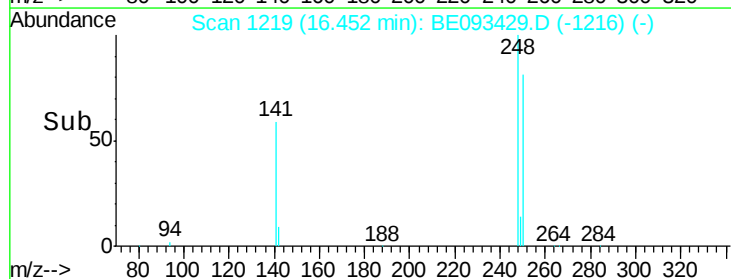
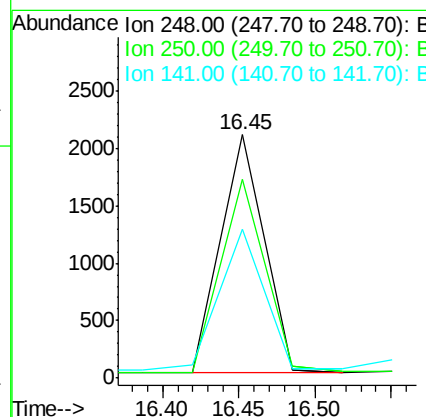
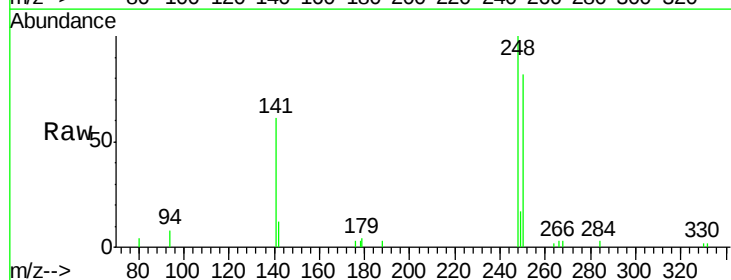
RT: 16.45 min Scan# 1219

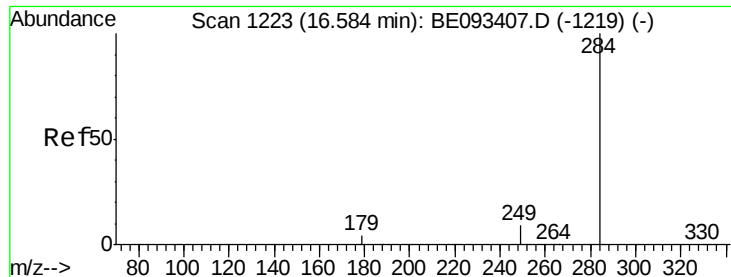
Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	248	Resp:	4102
Ion Ratio	Lower	Upper	
248	100		
250	81.8	40.8	61.2#
141	61.2	161.6	242.4#





#21

Hexachlorobenzene

Concen: 0.229 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093429.D

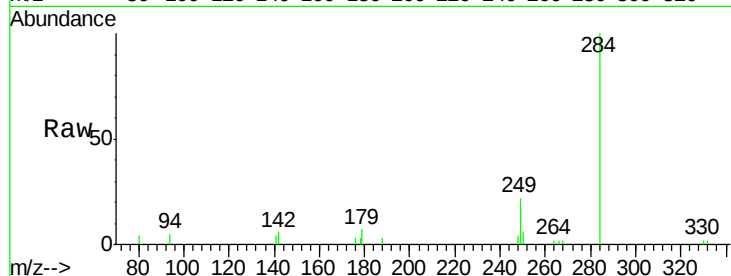
Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

ClientSampleId :

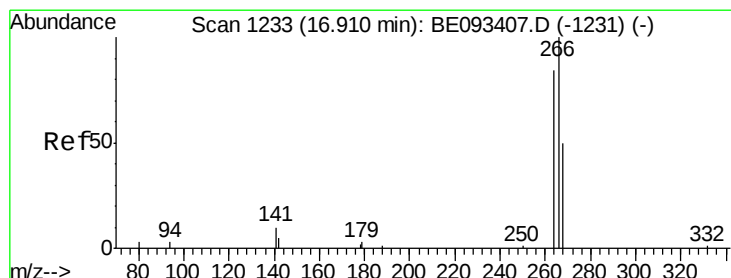
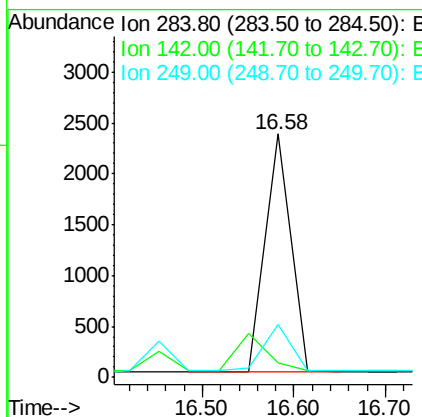
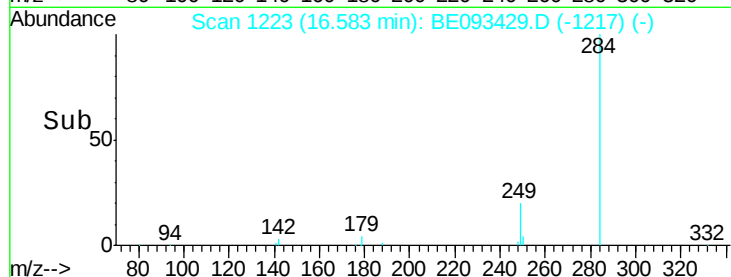
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Tgt Ion:	284	Resp:	4620
Ion Ratio		Lower	Upper
284	100		
142	0.0	0.0	0.0
249	21.1	0.0	0.0#

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#22

Pentachlorophenol

Concen: 0.169 ng

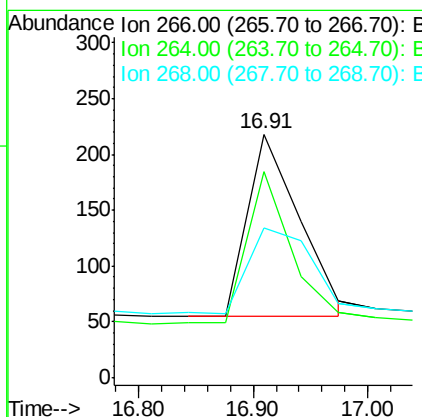
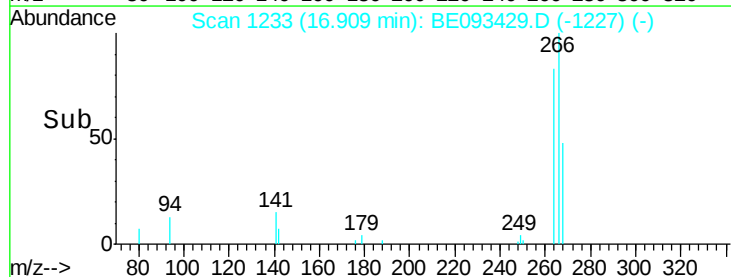
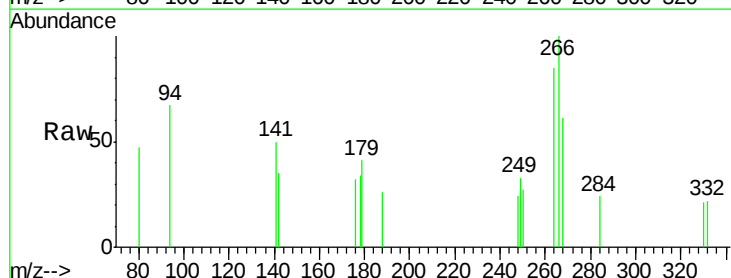
RT: 16.91 min Scan# 1233

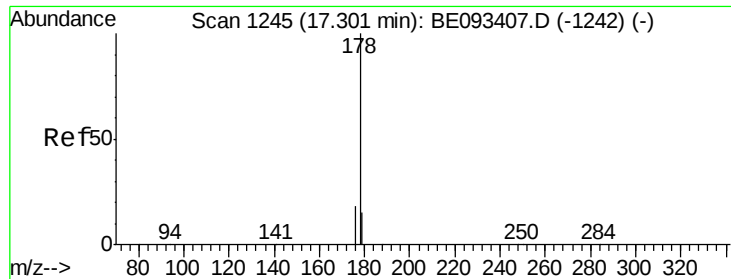
Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	266	Resp:	512
Ion Ratio		Lower	Upper
266	100		
264	84.9	58.2	87.2
268	61.5	71.9	107.9#





#23

Phenanthrene

Concen: 0.205 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

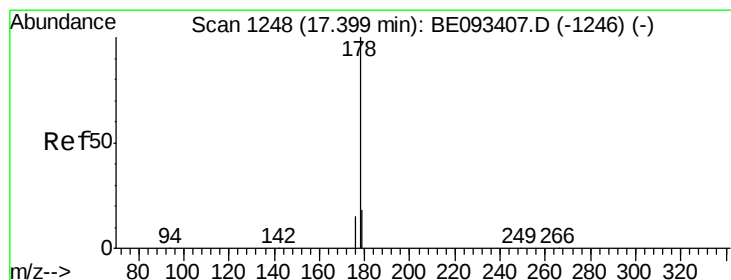
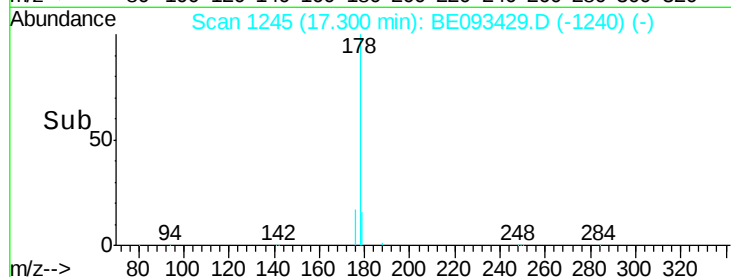
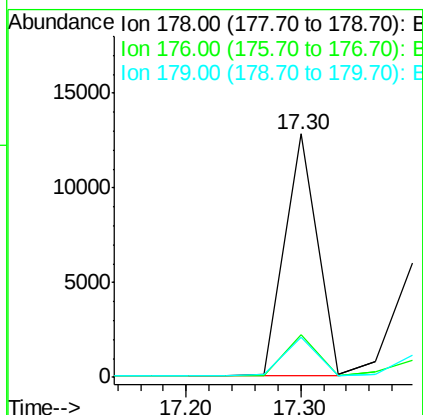
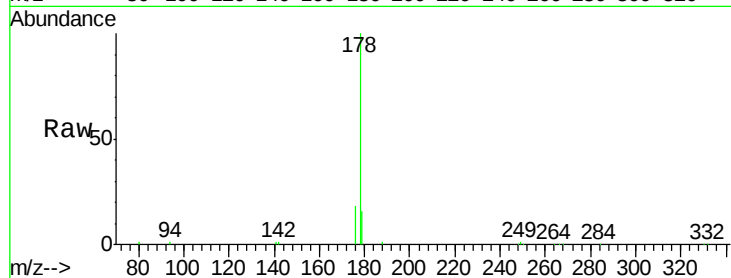
ClientSampleId :

LOQ-SOIL-02-QT3-2017

Tgt Ion:	178	Resp:	25361
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.0	22.4
179	16.0	12.7	19.1

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#24

Anthracene

Concen: 0.158 ng m

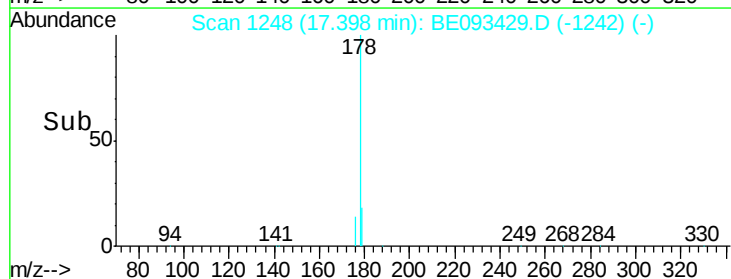
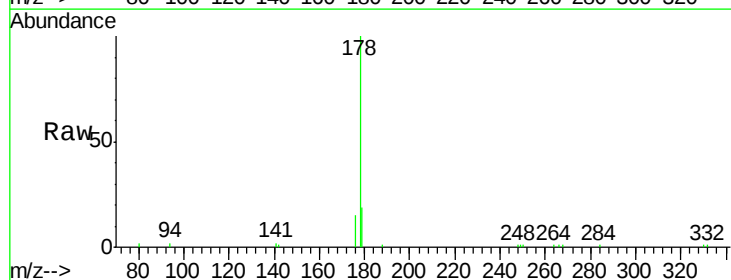
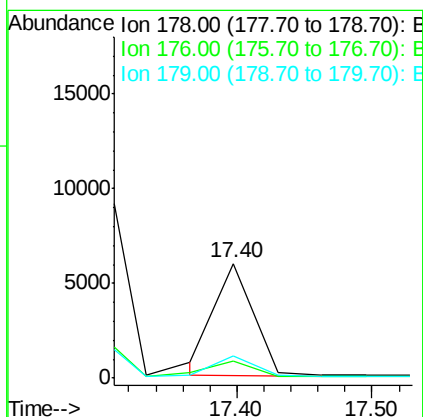
RT: 17.40 min Scan# 1248

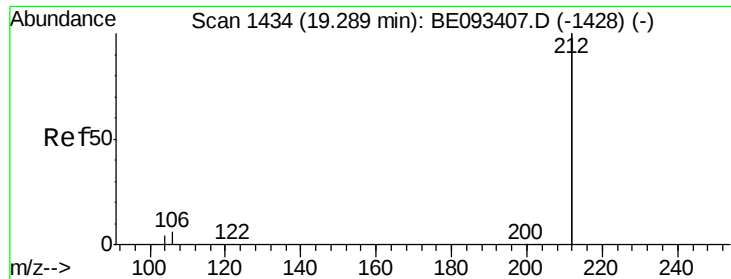
Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	178	Resp:	12000
Ion Ratio	Lower	Upper	
178	100		
176	38.4	14.6	22.0#
179	32.8	12.0	18.0#





#25

Fluoranthene-d10

Concen: 0.492 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

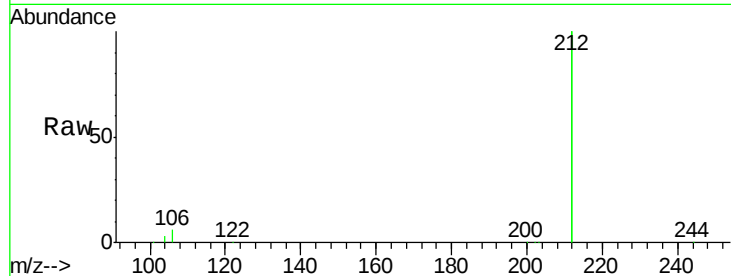
ClientSampleId :

LOQ-SOIL-02-QT3-2017

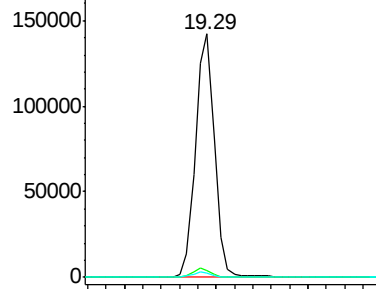
Tgt Ion	Ratio	Resp	Lower	Upper
212	100	202441		
106	3.5	2.4	3.6	
104	2.0	1.6	2.4	

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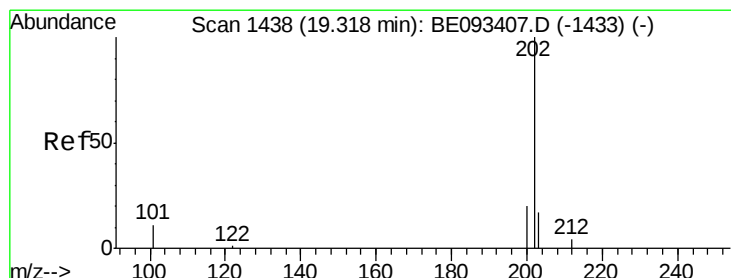
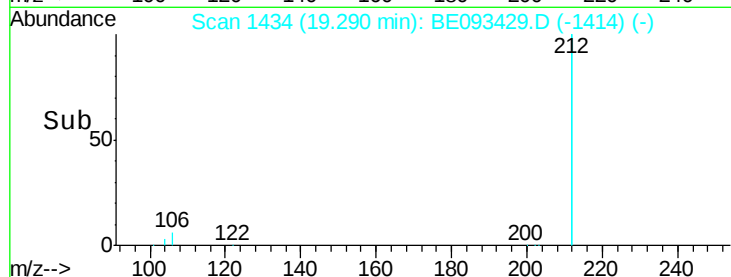
mohammad
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.187 ng

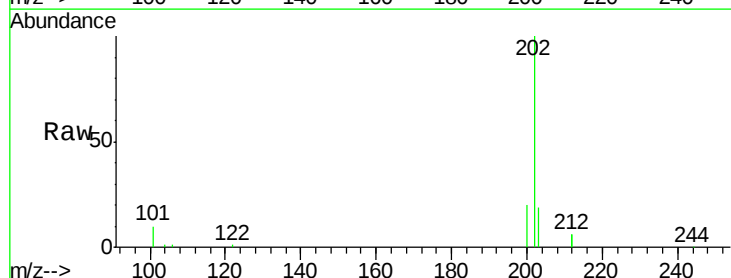
RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

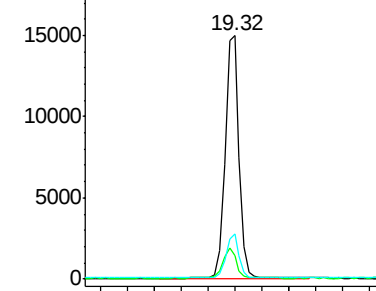
Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

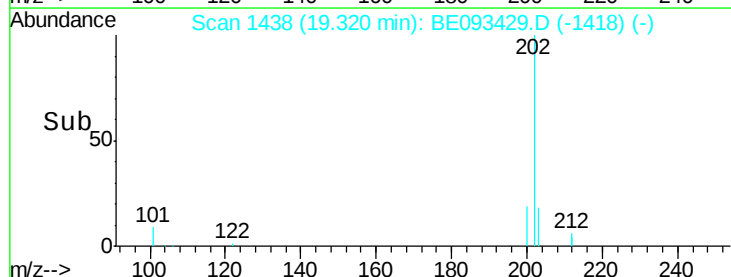
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	21778		
101	12.3	9.6	14.4	
203	17.5	14.4	21.6	

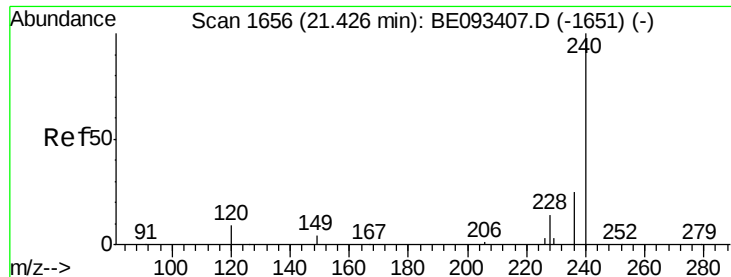


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





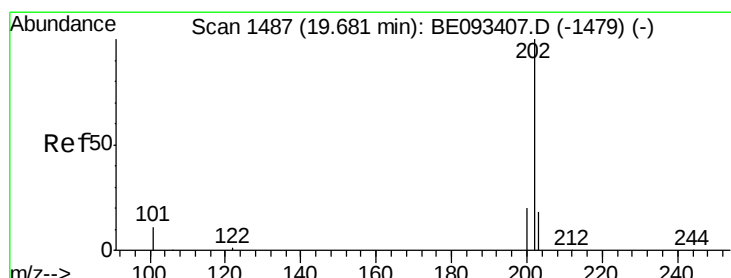
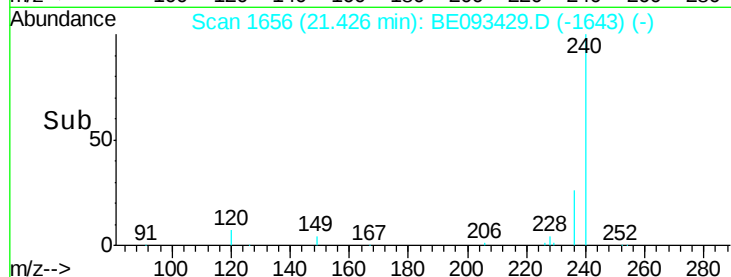
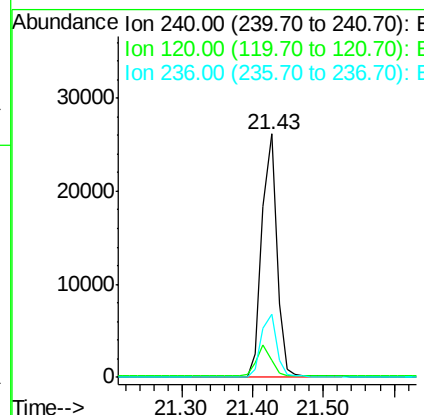
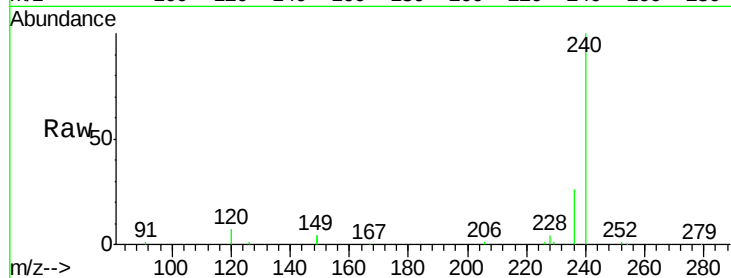
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2017

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.6	7.0#
236	26.1	20.8	31.2

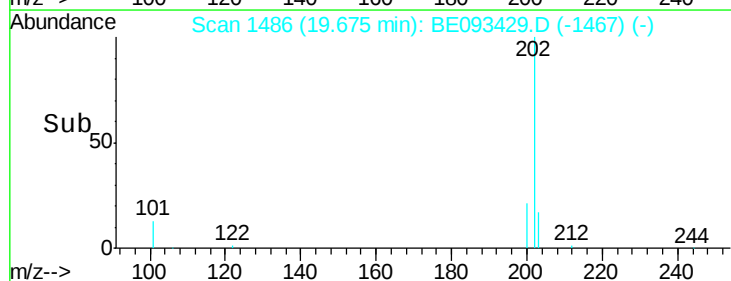
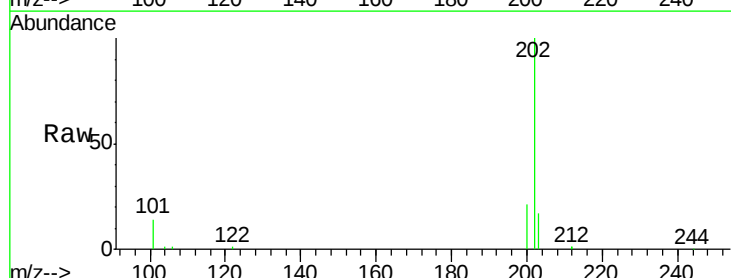
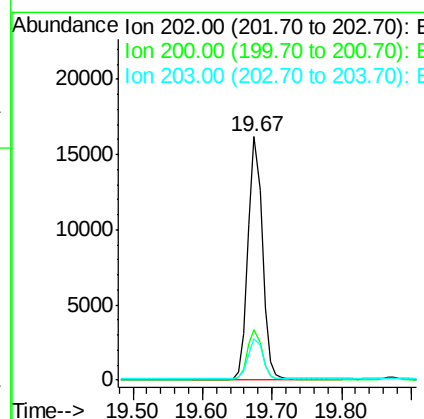
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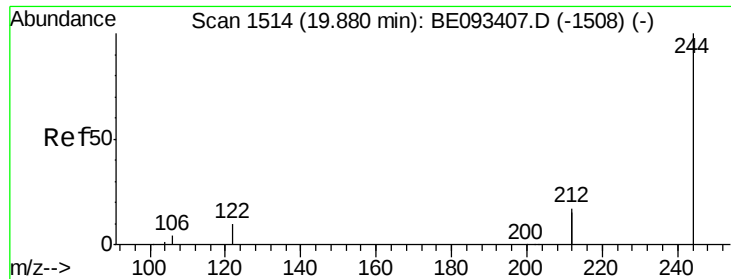
mohammad
 7/7/2017 1:29:04 PM



#28
 Pyrene
 Concen: 0.207 ng
 RT: 19.67 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.6	13.7	20.5





#29

Terphenyl-d14

Concen: 0.526 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093429.D

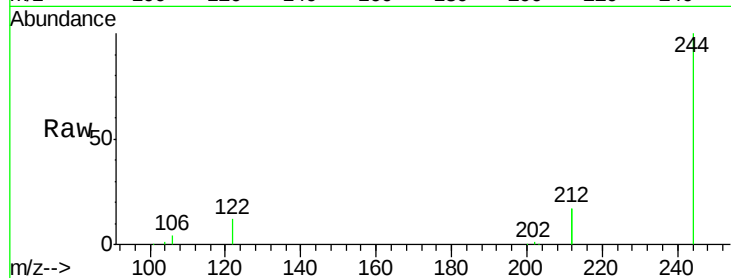
Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

ClientSampleId :

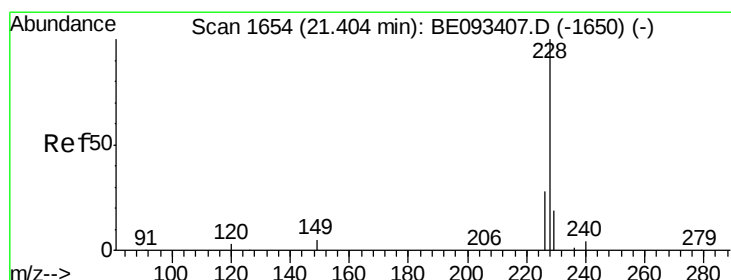
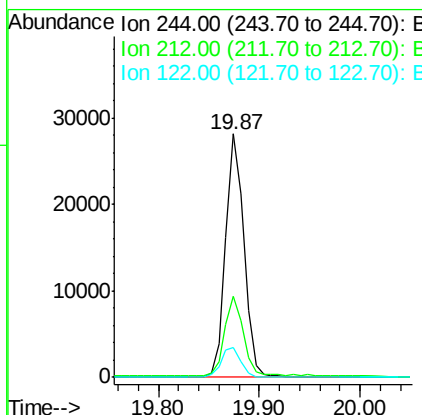
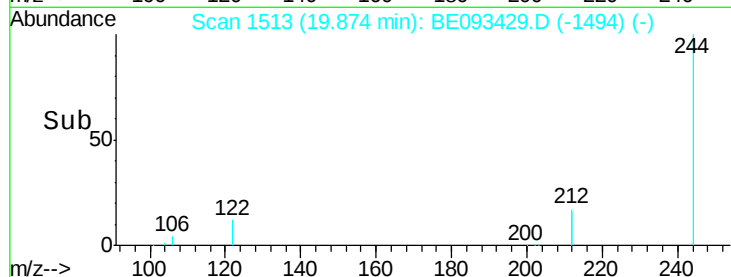
LOQ-SOIL-02-QT3-2017



Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.5	10.6	16.0
122	12.1	15.4	23.0

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#30

Benzo(a)anthracene

Concen: 0.195 ng

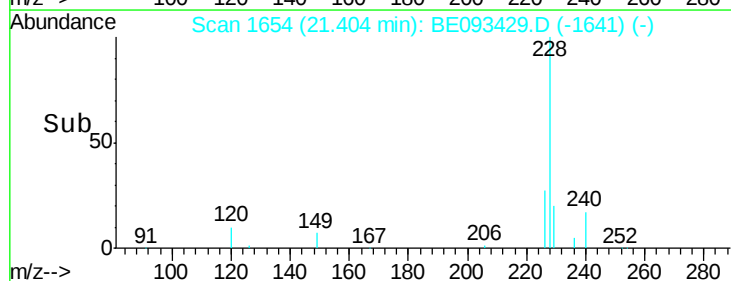
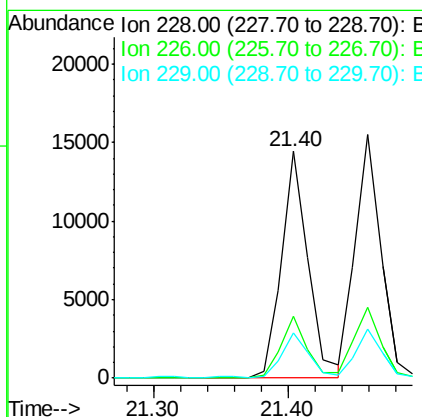
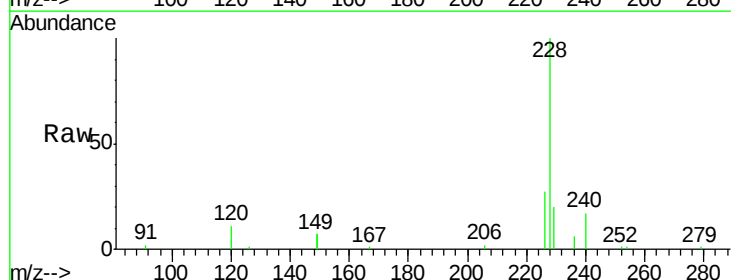
RT: 21.40 min Scan# 1654

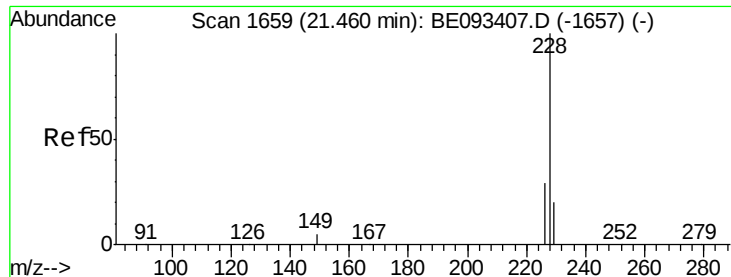
Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	19.7	29.5
229	20.0	19.2	28.8





#31

Chrysene

Concen: 0.195 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

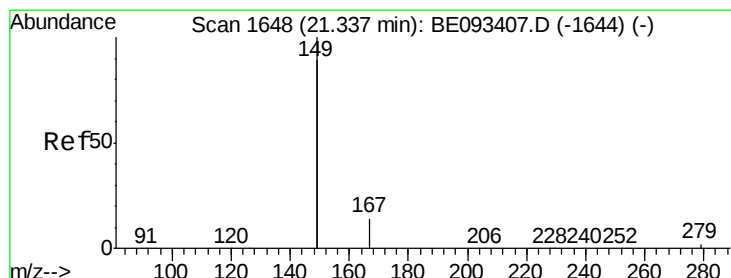
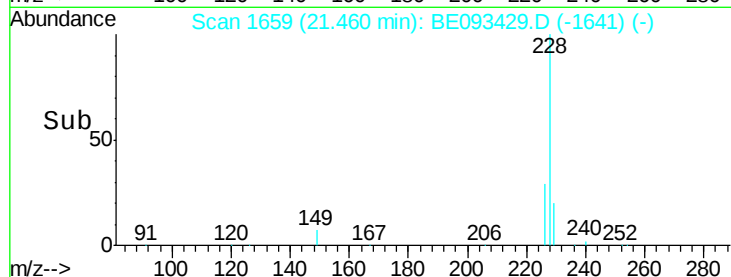
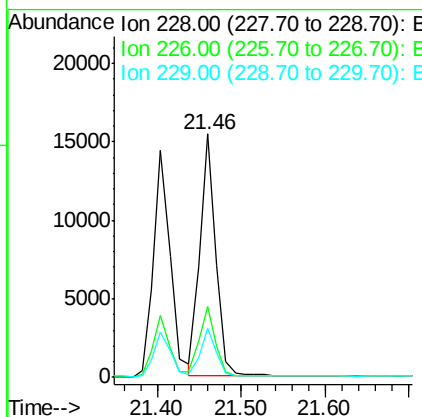
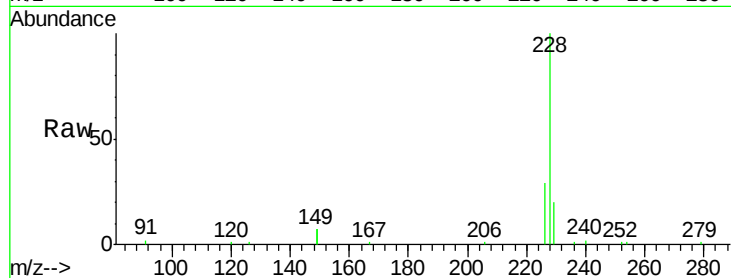
ClientSampleId :

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Tgt Ion:	228	Resp:	20752
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.5	32.3
229	20.0	18.6	28.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

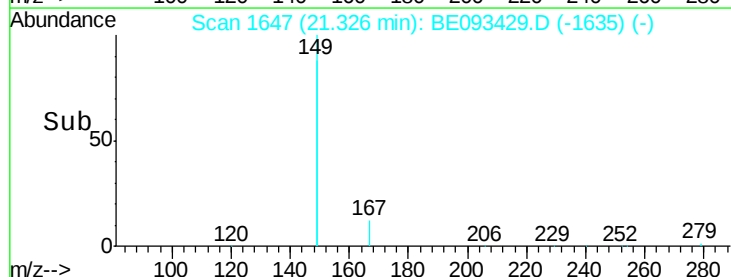
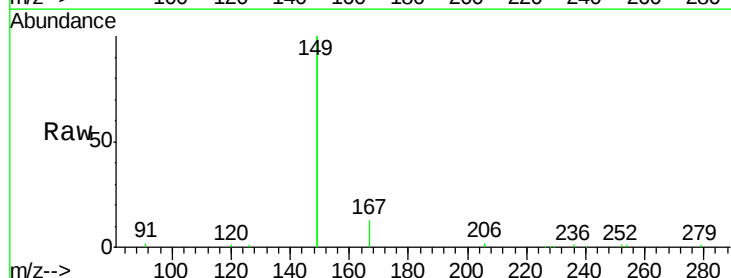
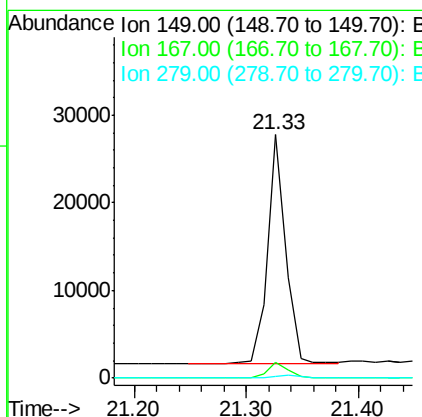
RT: 21.33 min Scan# 1647

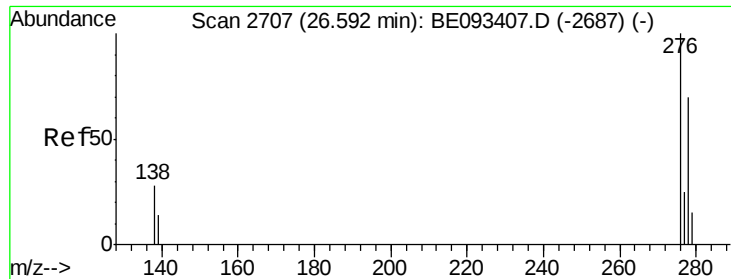
Delta R.T. -0.01 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	149	Resp:	29630
Ion Ratio	Lower	Upper	
149	100		
167	6.4	20.1	30.1#
279	0.9	2.2	3.4#





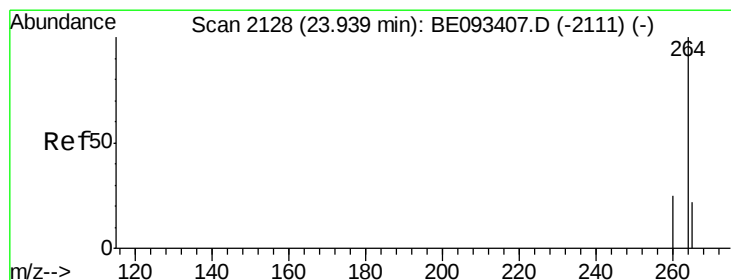
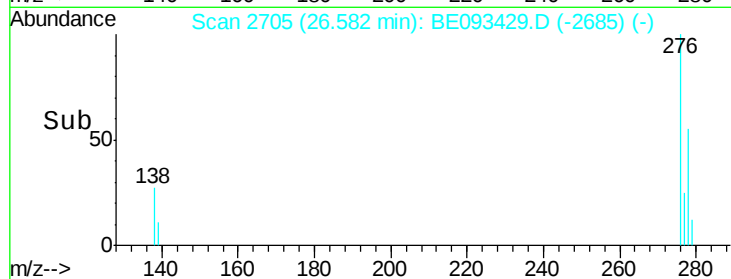
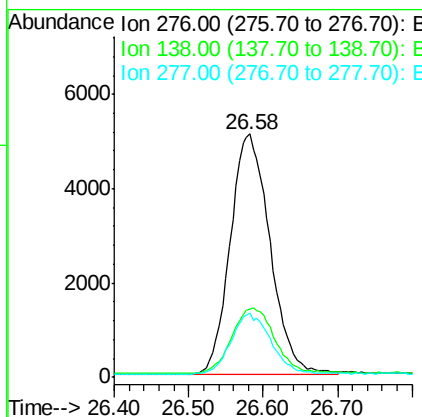
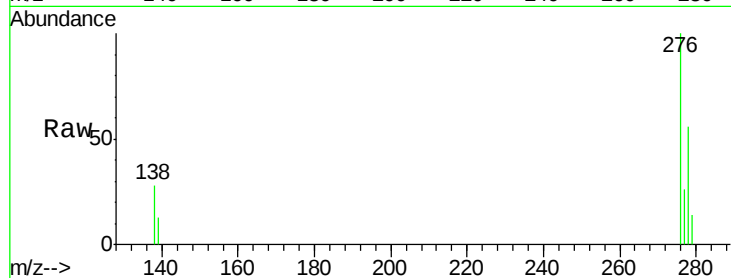
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.202 ng
 RT: 26.58 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	18838		
138	29.7	27.4	41.2	
277	25.2	20.1	30.1	

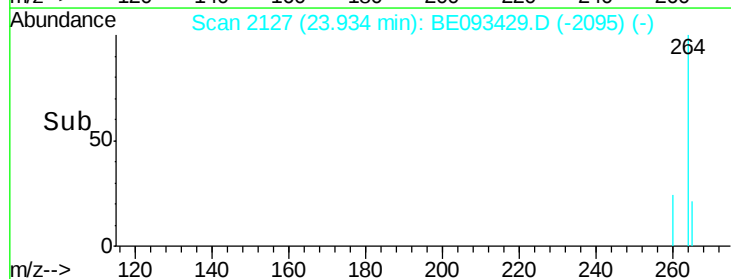
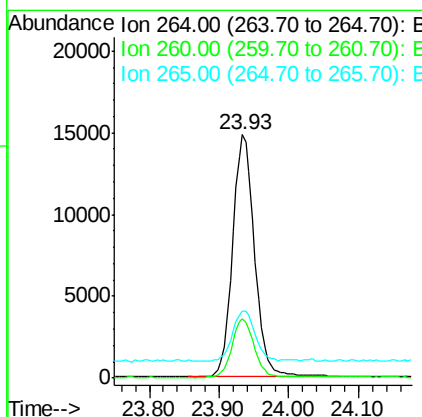
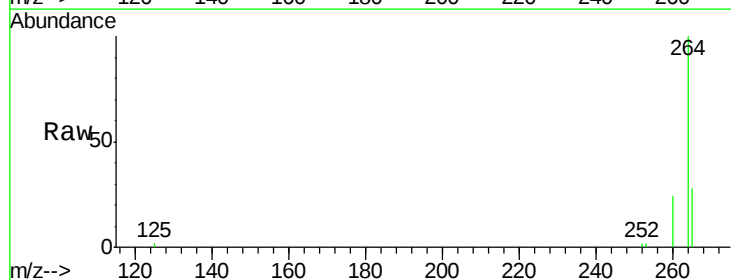
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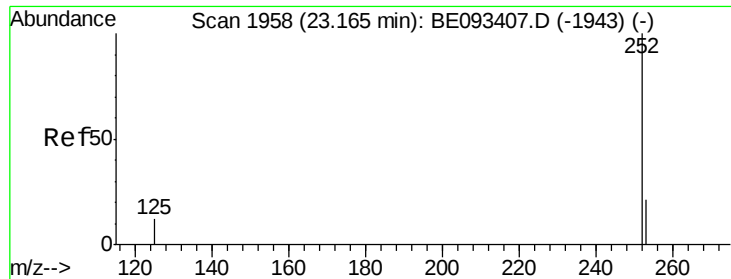
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093429.D
 Acq: 6 Jul 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	32695		
260	24.2	21.0	31.4	
265	27.7	24.6	36.8	





#35

Benzo(b)fluoranthene

Concen: 0.183 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

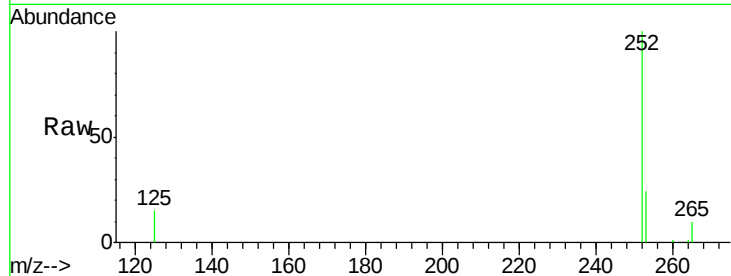
ClientSampleId :

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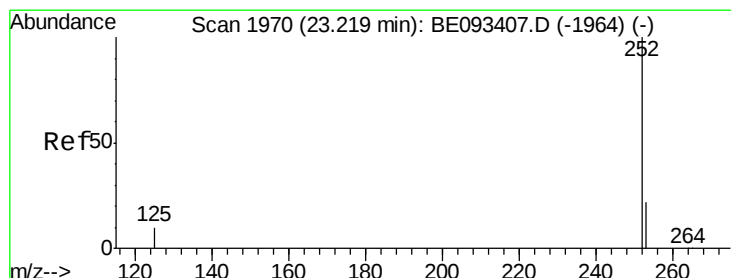
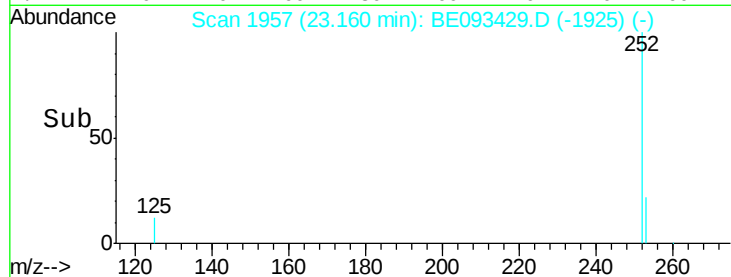
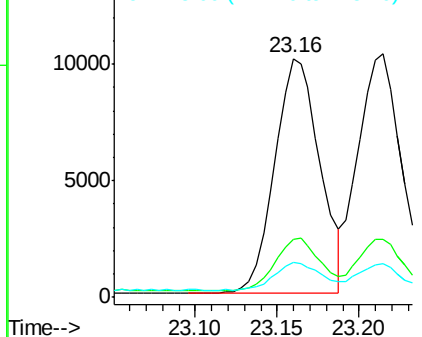
Tgt Ion:	252	Resp:	19349
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.5	27.7
125	14.5	13.4	20.0

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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: 0.184 ng

RT: 23.21 min Scan# 1969

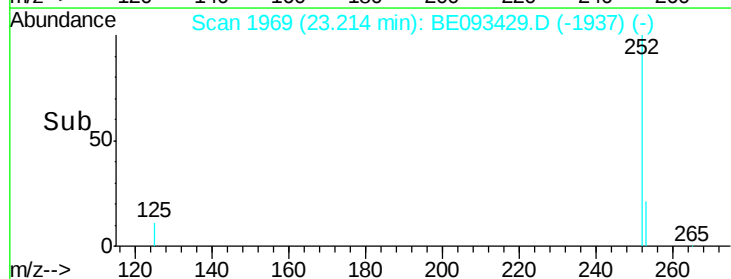
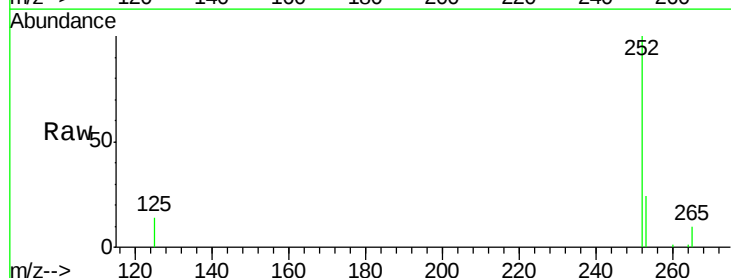
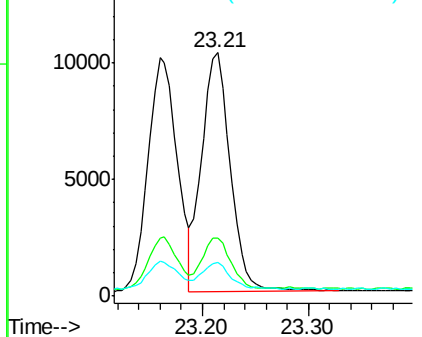
Delta R.T. -0.00 min

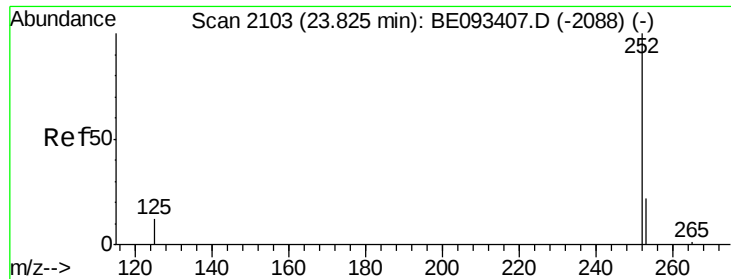
Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	252	Resp:	19241
Ion Ratio	Lower	Upper	
252	100		
253	23.6	20.3	30.5
125	13.8	12.2	18.4

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: 0.188 ng

RT: 23.82 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

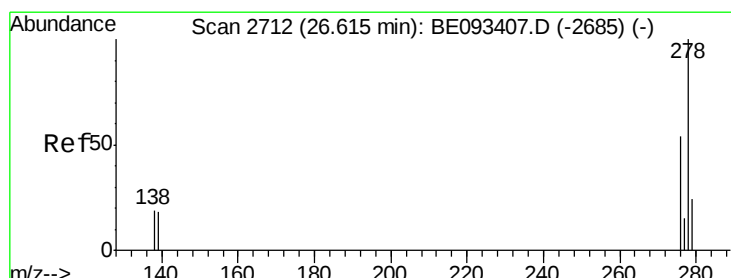
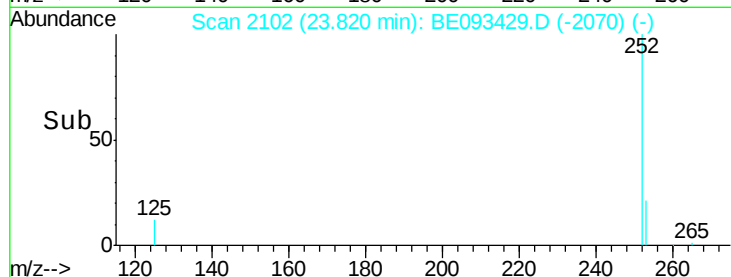
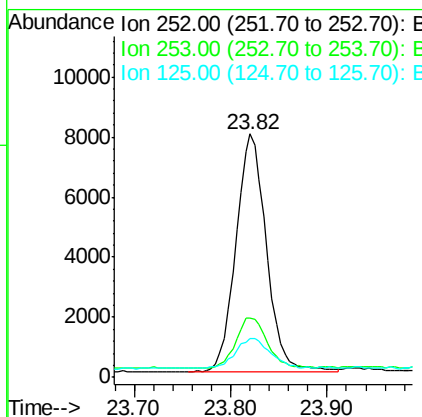
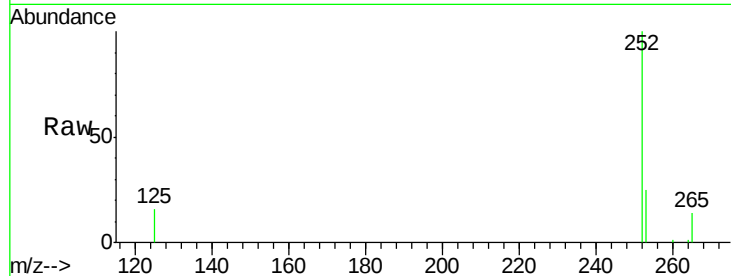
ClientSampleId :

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Tgt Ion:	252	Resp:	17406
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.9	29.9
125	15.7	14.6	21.8

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#38

Dibenzo(a,h)anthracene

Concen: 0.187 ng

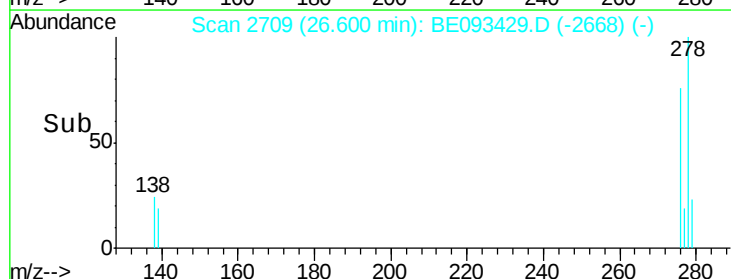
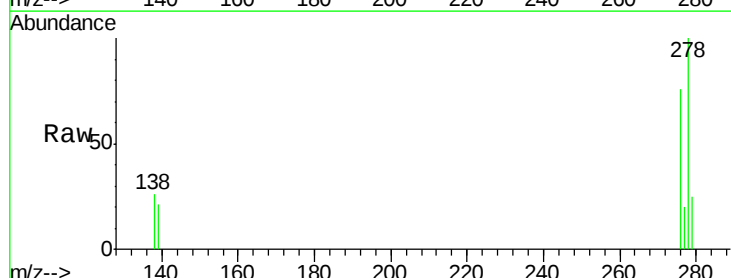
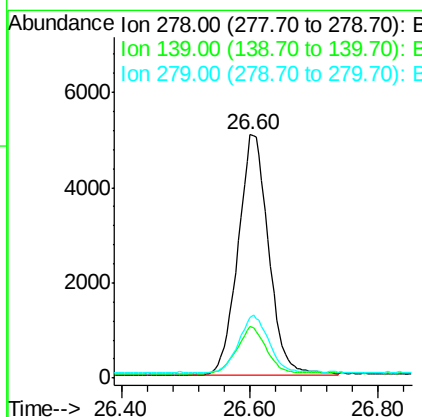
RT: 26.60 min Scan# 2709

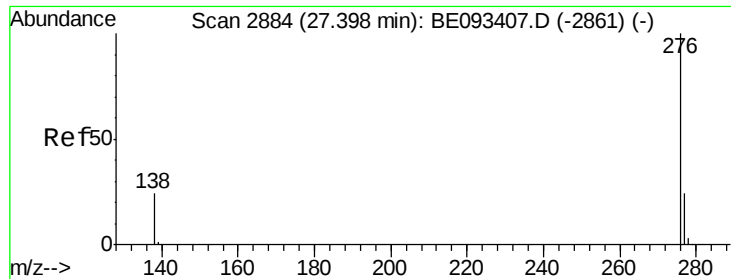
Delta R.T. -0.01 min

Lab File: BE093429.D

Acq: 6 Jul 2017 14:04

Tgt Ion:	278	Resp:	16839
Ion Ratio	Lower	Upper	
278	100		
139	21.1	21.4	32.0#
279	25.1	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.191 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BE093429.D

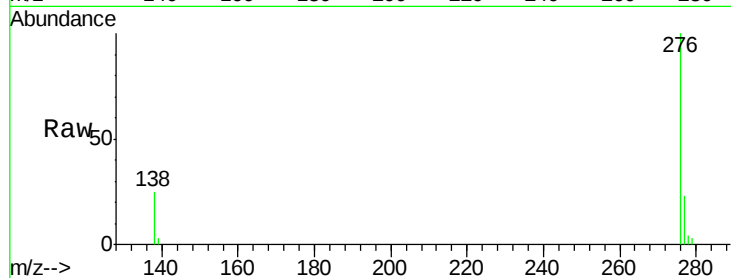
Acq: 6 Jul 2017 14:04

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL-02-QT3-2017



Tgt	Ion	276	Resp:	17359
Ion	Ratio	Lower	Upper	
276	100			
277	23.3	21.2	31.8	
138	25.3	24.5	36.7	

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