

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115284.D
 Acq On : 28 Jun 2019 16:36
 Operator : HP/JU
 Sample : K3532-09DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-CDL

Manual Integrations
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Quant Time: Jun 29 05:07:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	230578	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	892456	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	435012	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	864745	20.00	ng	0.00
76) Chrysene-d12	13.72	240	612399	20.00	ng	0.00
87) Perylene-d12	15.08	264	682228	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	758181	50.74	ng	0.00
7) Phenol-d6	6.24	99	948508	52.30	ng	0.00
23) Nitrobenzene-d5	7.15	82	555721	38.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	246680	53.77	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	959728	37.48	ng	0.00
79) Terphenyl-d14	12.68	244	959466	33.31	ng	0.00

Target Compounds

						Qvalue
31) Naphthalene	7.90	128	114818	2.621	ng	98
37) 2-Methylnaphthalene	8.59	142	87570	2.965	ng	97
38) 1-Methylnaphthalene	8.68	142	101455	3.596	ng	99
49) Acenaphthylene	9.48	152	235343	5.350	ng	97
50) Dimethylphthalate	9.35	163	173142	5.410	ng	98
52) Acenaphthene	9.65	154	75527	2.744	ng	98
71) Phenanthrene	11.12	178	1285133	27.602	ng	99
72) Anthracene	11.17	178	373009	7.937	ng	98
75) Fluoranthene	12.30	202	1413263	30.423	ng	98
78) Pyrene	12.52	202	1669347	35.470	ng	99
80) Butylbenzylphthalate	13.17	149	1274486	61.363	ng	96
81) Benzo(a)anthracene	13.71	228	795440	18.102	ng	94
83) Chrysene	13.74	228	836526m	20.782	ng	
84) Bis(2-ethylhexyl)phthalate	13.73	149	110004	4.042	ng	# 92
86) Indeno(1,2,3-cd)pyrene	16.34	276	346091	7.266	ng	95
88) Benzo(b)fluoranthene	14.71	252	951629m	22.355	ng	
89) Benzo(k)fluoranthene	14.73	252	194196m	5.087	ng	
90) Benzo(a)pyrene	15.02	252	668987	17.436	ng	98
91) Dibenzo(a,h)anthracene	16.35	278	101867	2.844	ng	95
92) Benzo(a,h,i)perylene	16.71	276	326882	9.017	ng	99

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

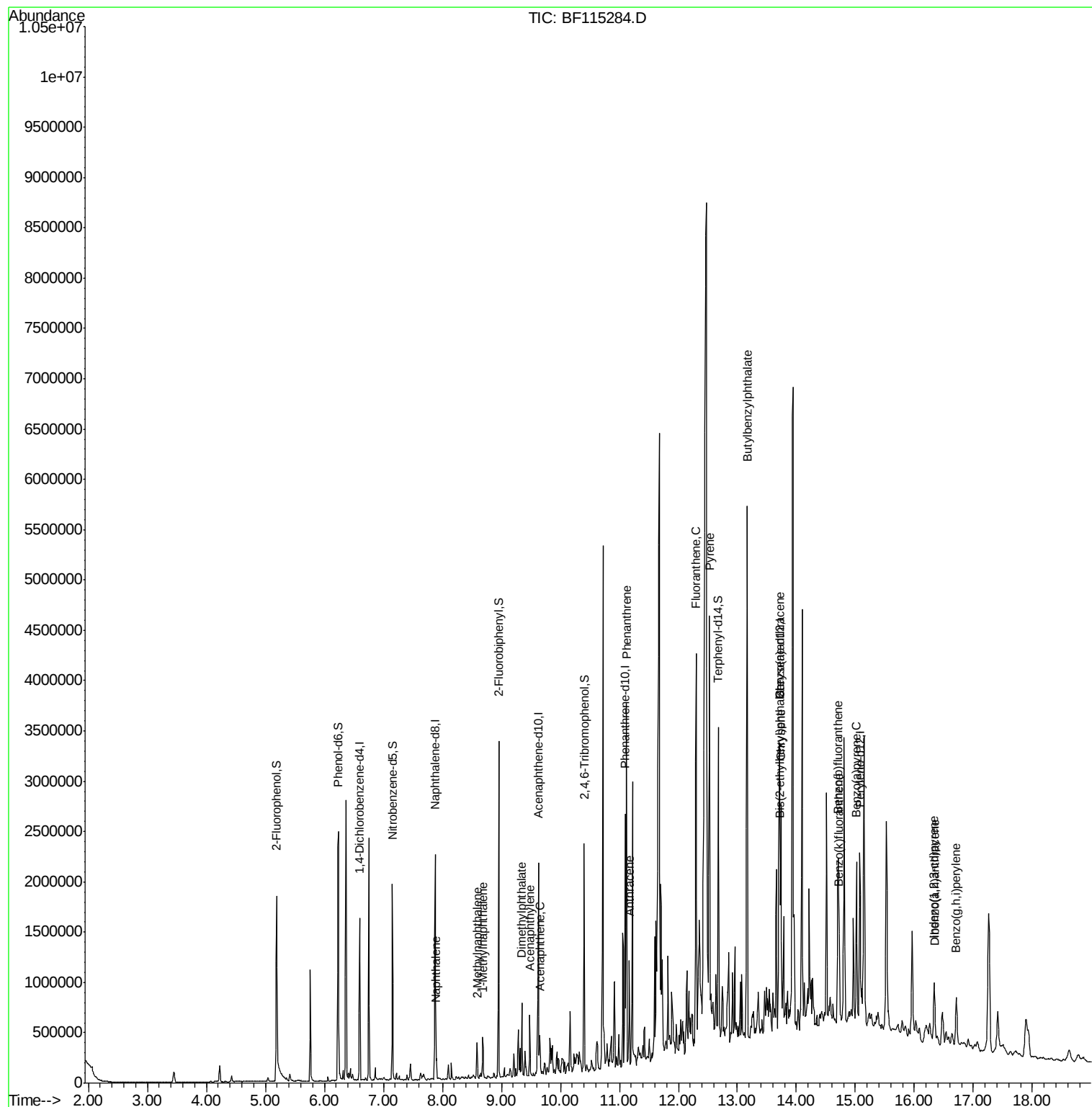
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115284.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

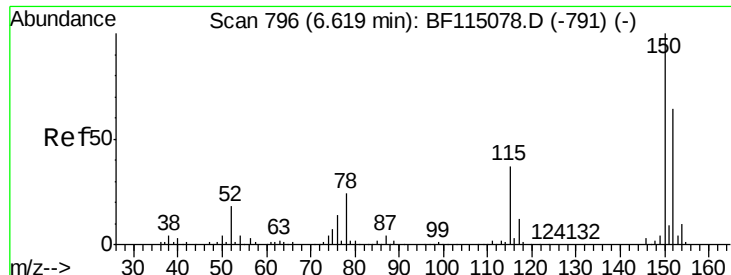
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration





#1

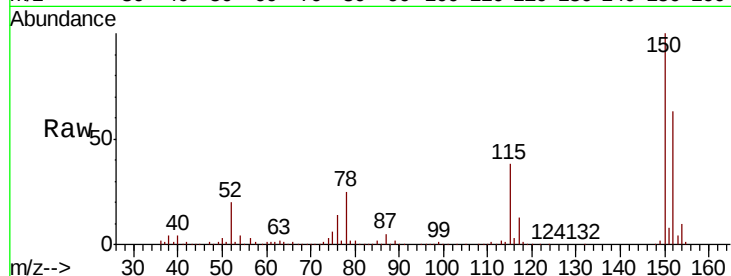
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	60.5	46.1	69.1

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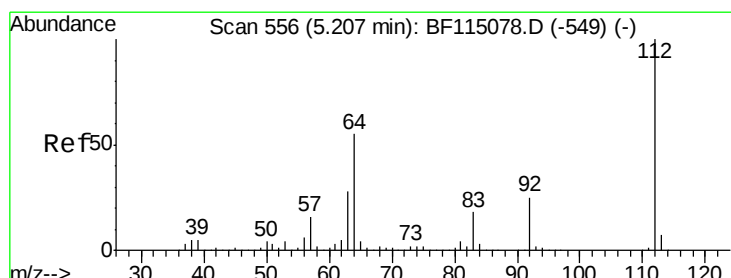
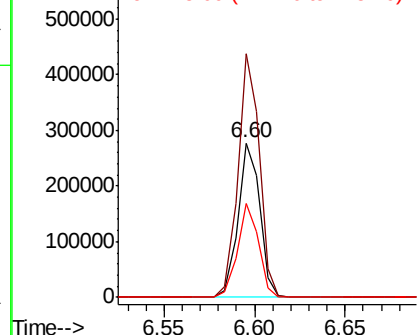
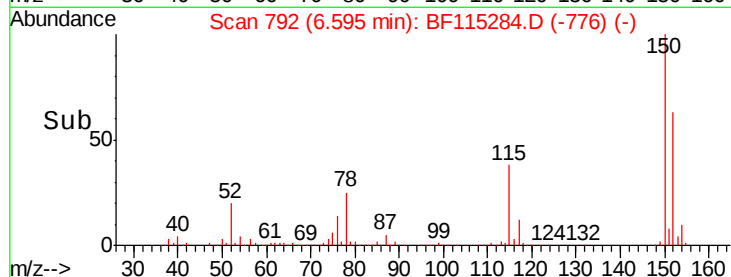


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

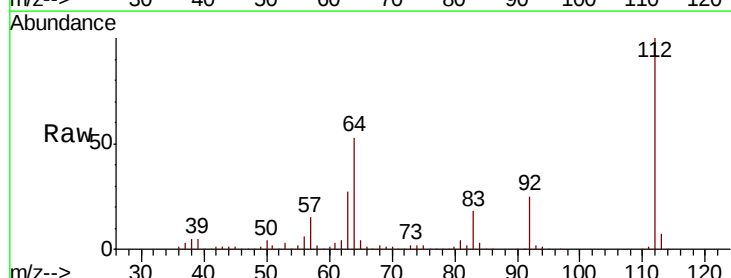
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.742 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.8	65.6
63	27.0	22.2	33.4

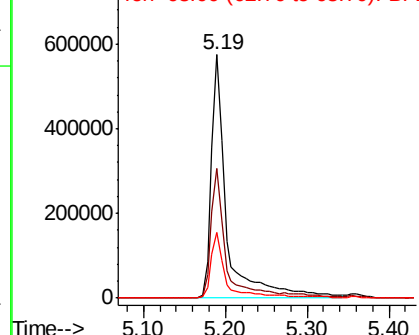
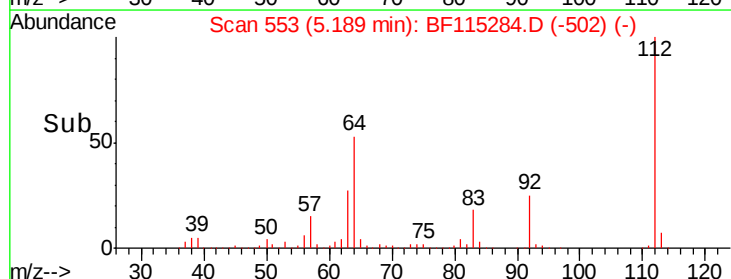


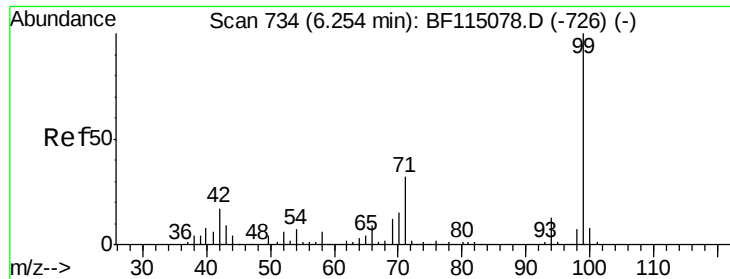
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 52.300 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

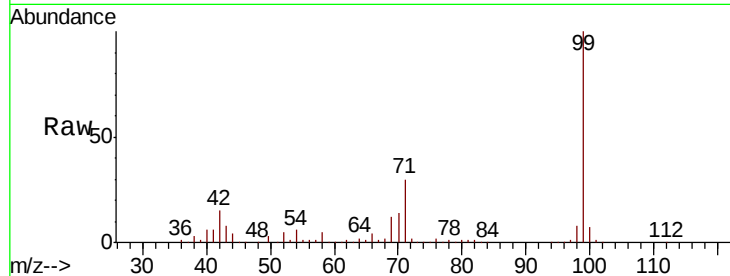
ClientSampleId :

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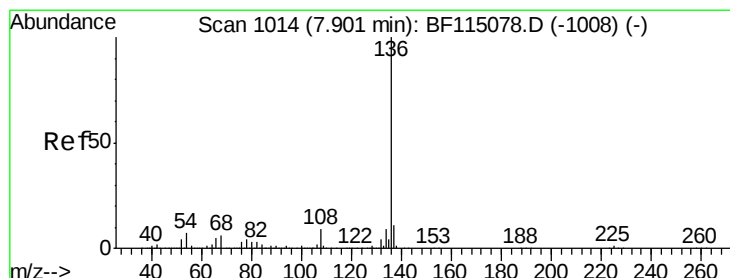
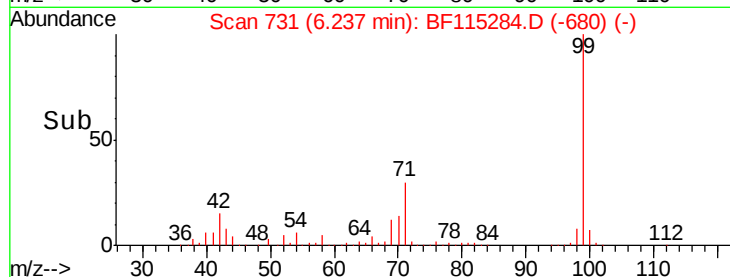
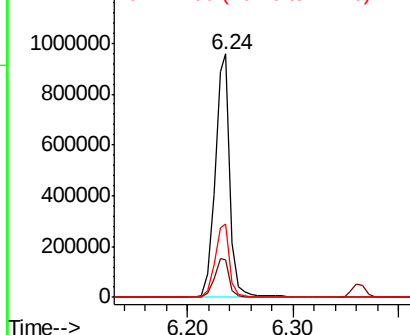
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		948508		
42	15.4	13.6	20.4		
71	30.1	25.5	38.3		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

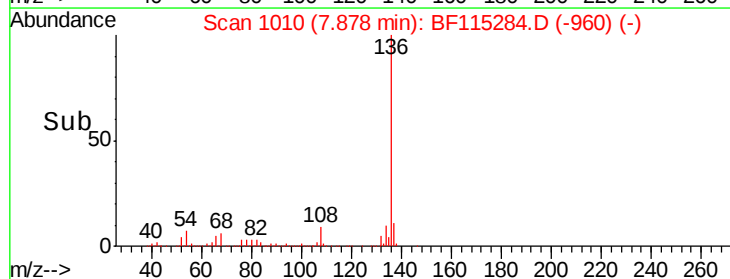
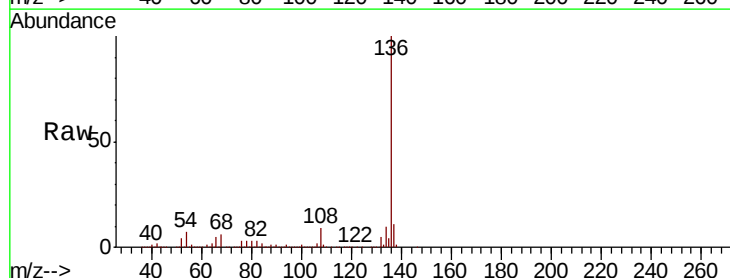
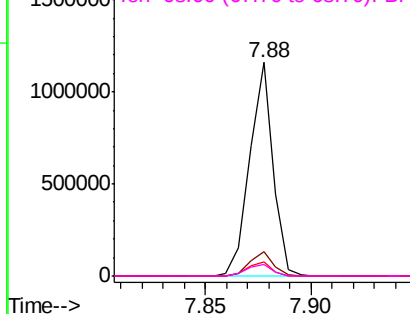
Delta R.T. -0.01 min

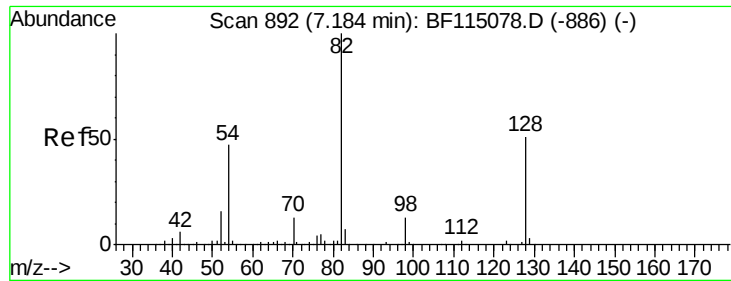
Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		892456		
137	11.2	8.9	13.3		
54	6.7	5.6	8.4		
68	5.6	4.8	7.2		

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): BF1
Ion 68.00 (67.70 to 68.70): BF1





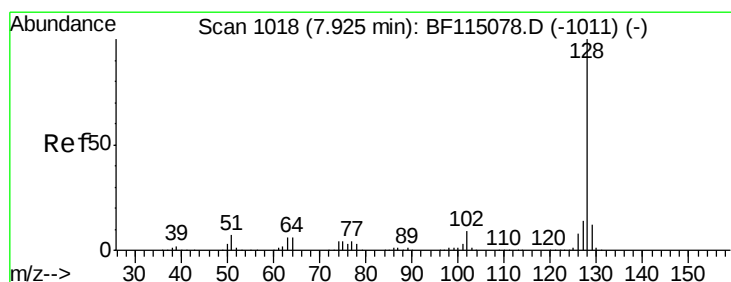
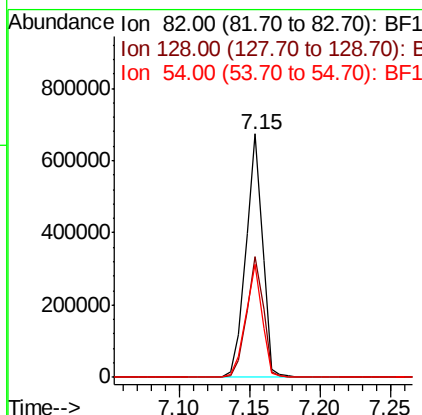
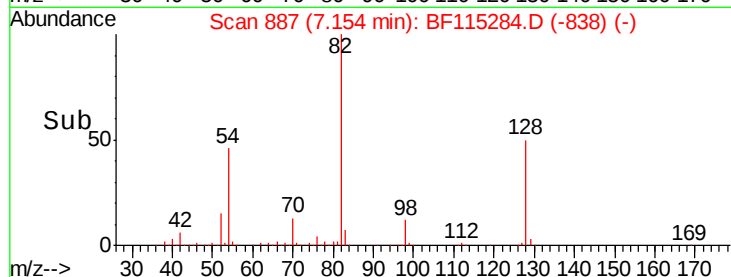
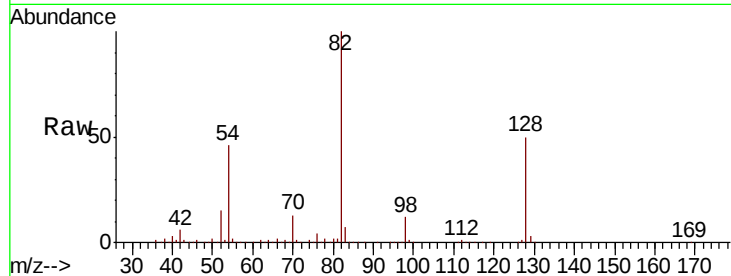
#23
Nitrobenzene-d5
Concen: 38.305 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.4	60.6
54	46.3	37.5	56.3

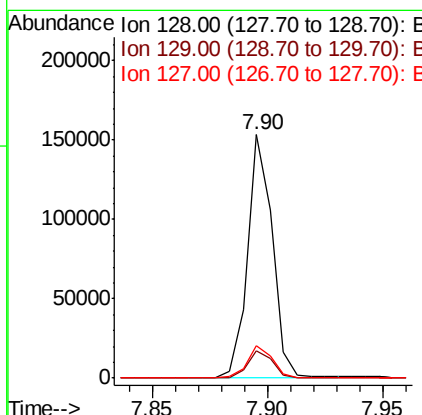
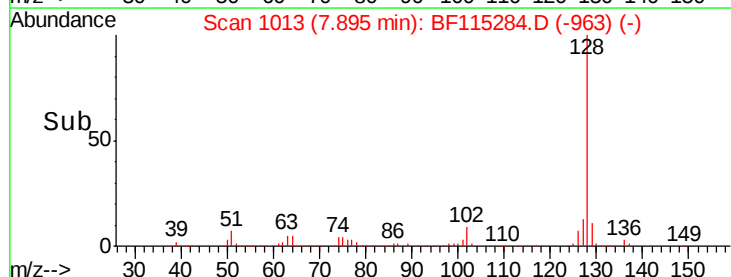
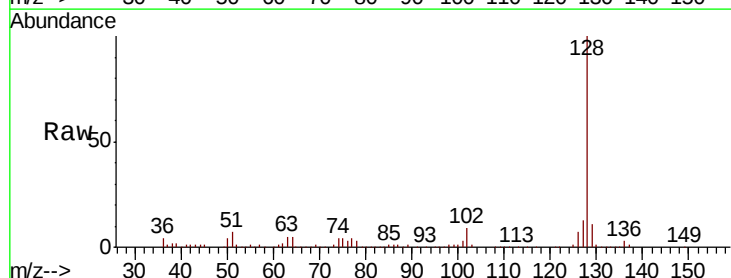
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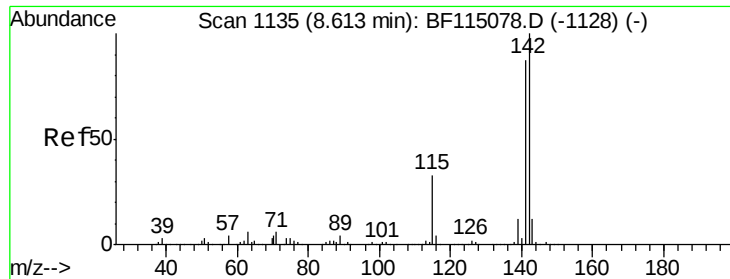
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#31
Naphthalene
Concen: 2.621 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.2	11.4	17.0





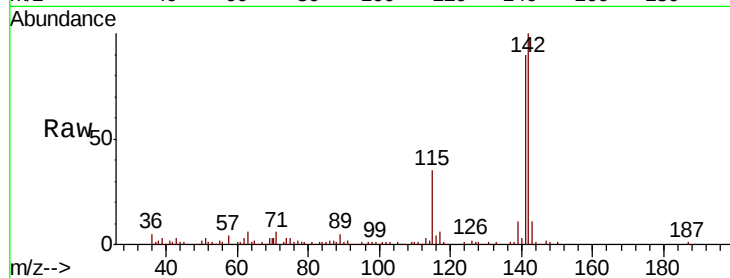
#37
2-Methylnaphthalene
Concen: 2.965 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.8	104.6
115	35.2	26.7	40.1

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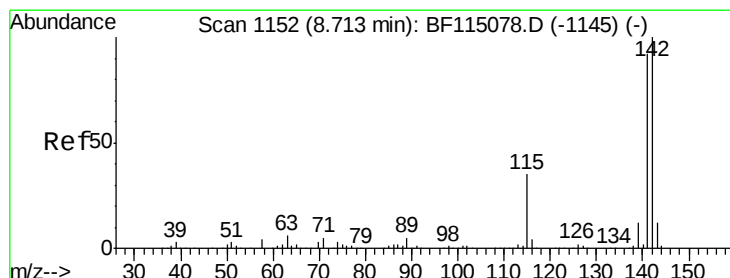
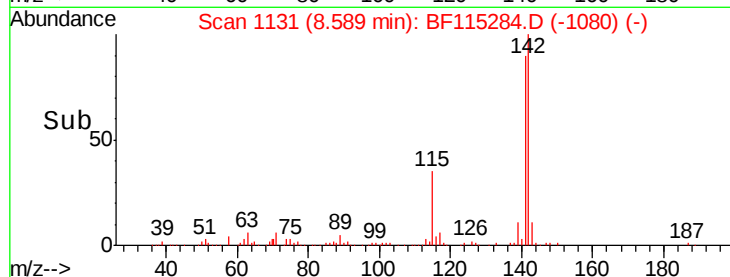
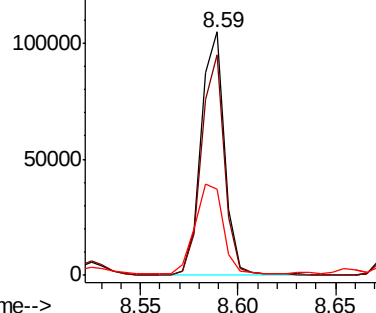


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 3.596 ng
RT: 8.68 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

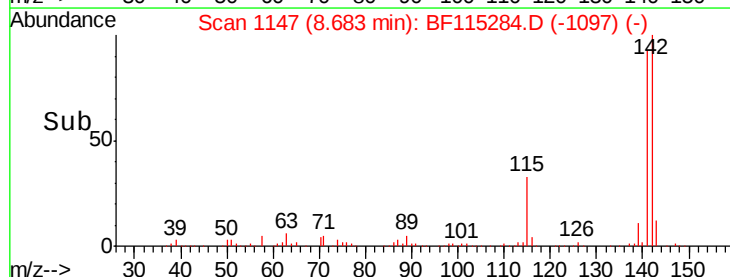
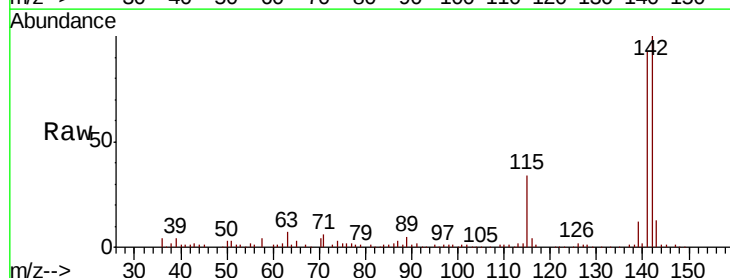
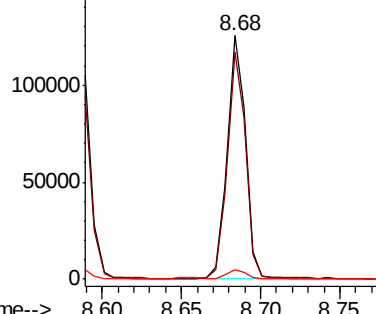
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.8
116	3.9	2.8	4.2

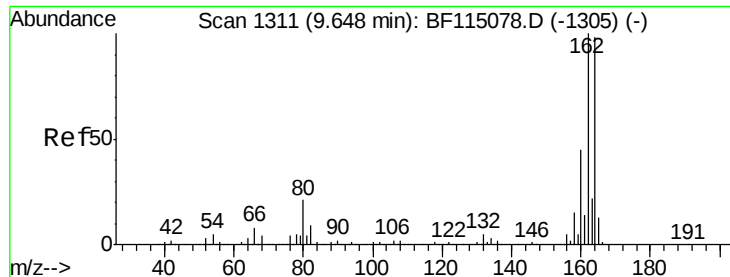
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





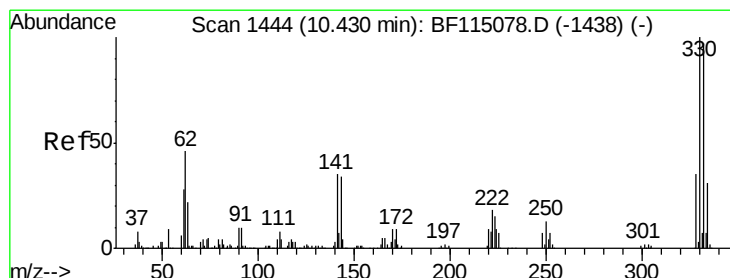
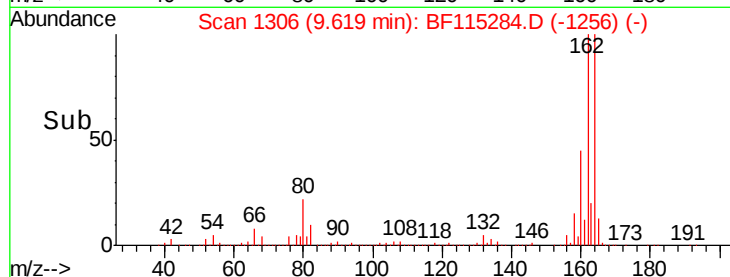
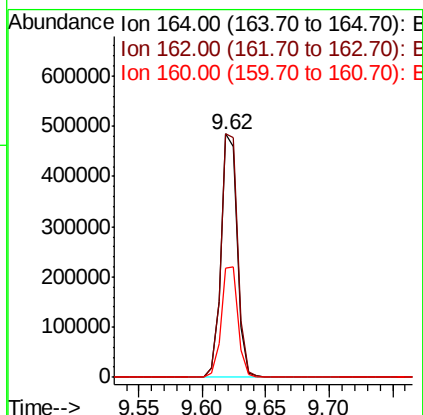
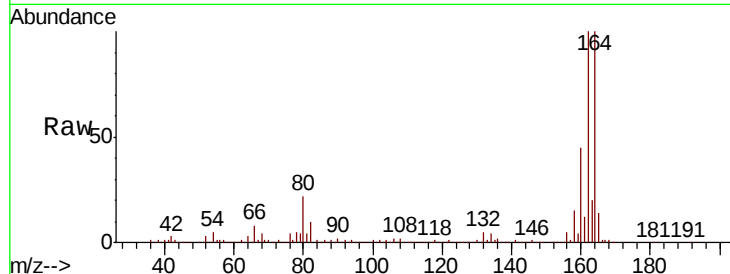
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	44.9	37.0	55.4

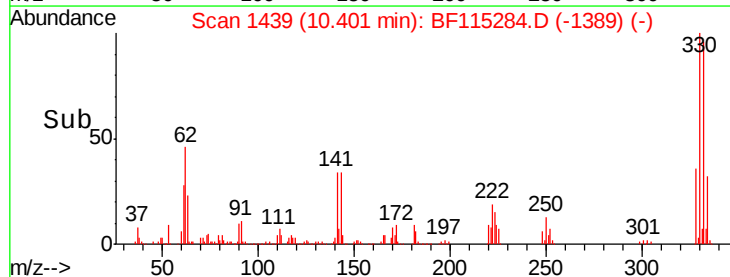
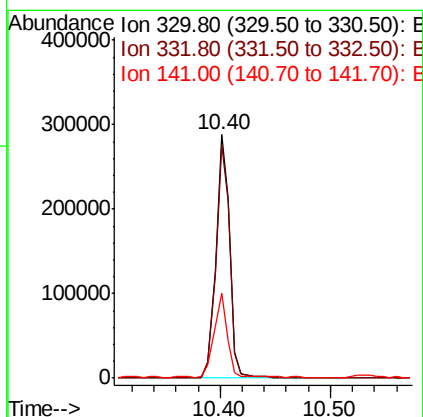
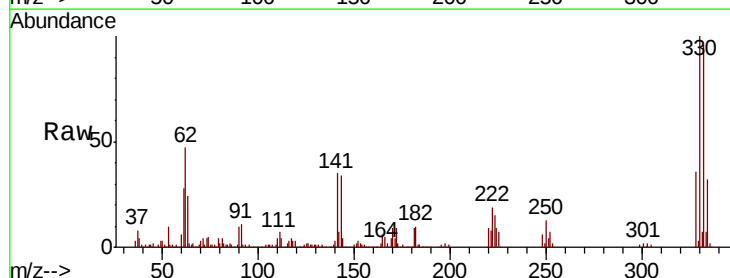
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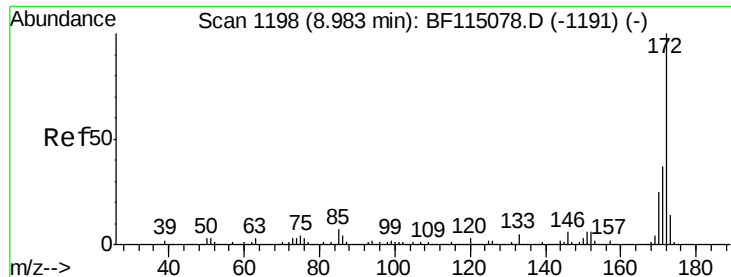
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#42
2,4,6-Tribromophenol
Concen: 53.774 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.0	28.2	42.2





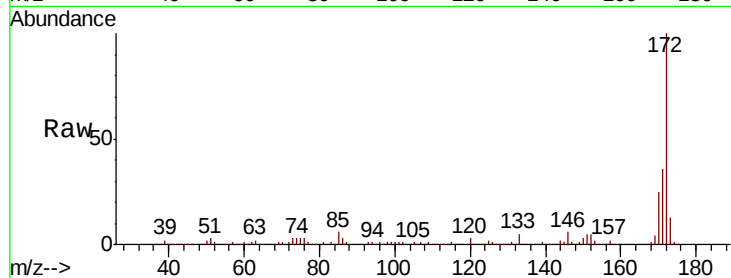
#45
2-Fluorobiphenyl
Concen: 37.475 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.8	44.6
170	24.6	20.3	30.5

Manual Integrations
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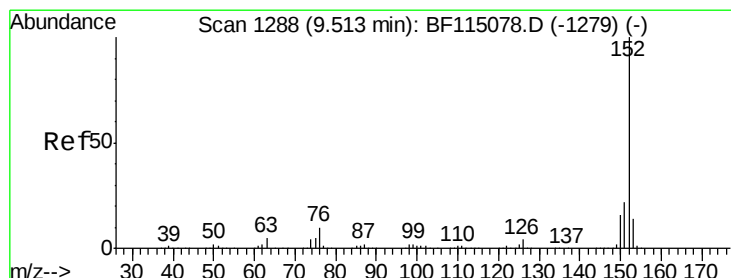
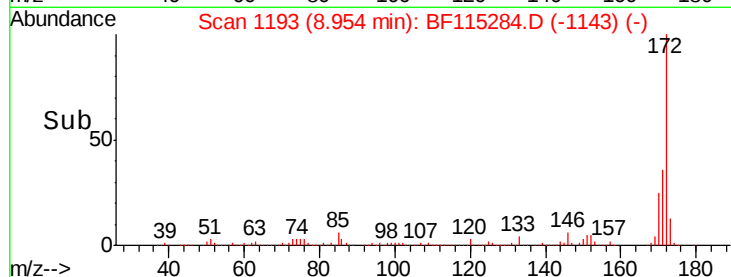
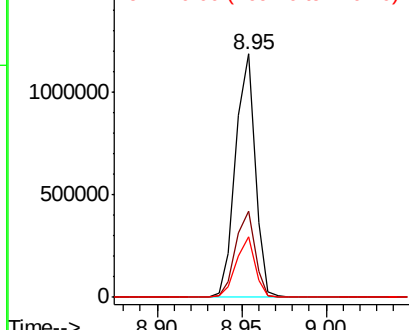


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Acenaphthylene
Concen: 5.350 ng
RT: 9.48 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

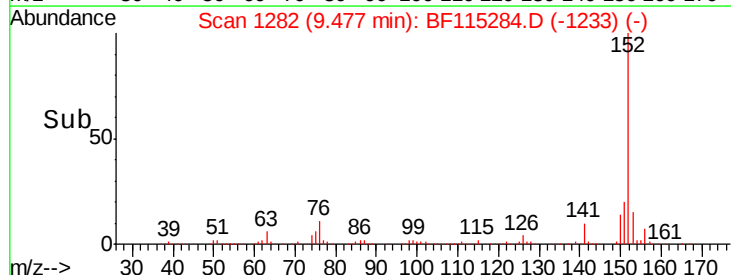
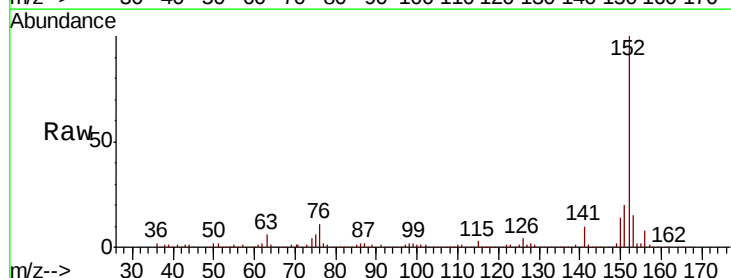
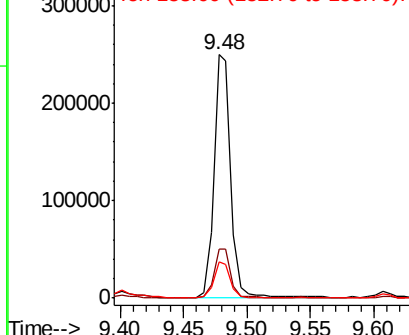
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	15.1	11.0	16.6

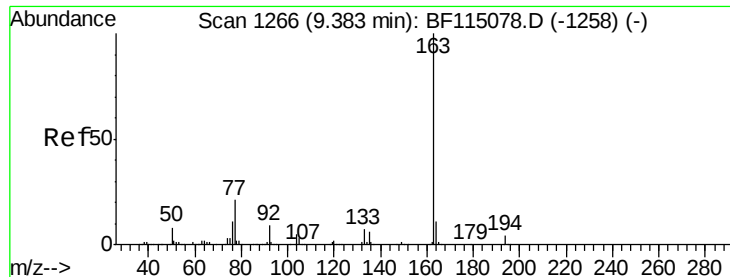
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





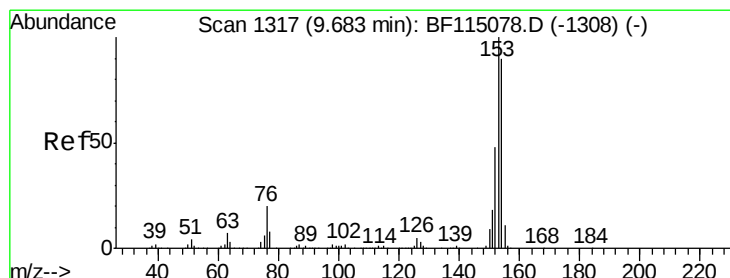
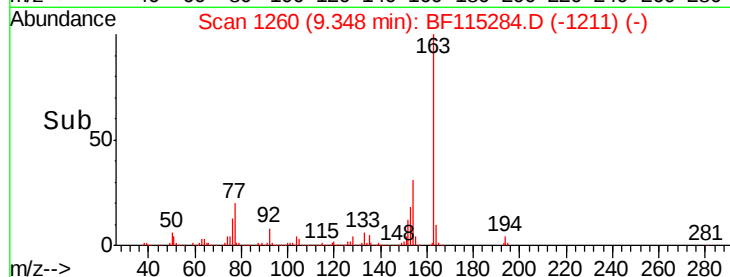
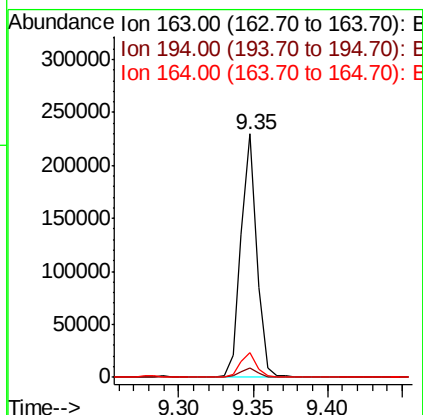
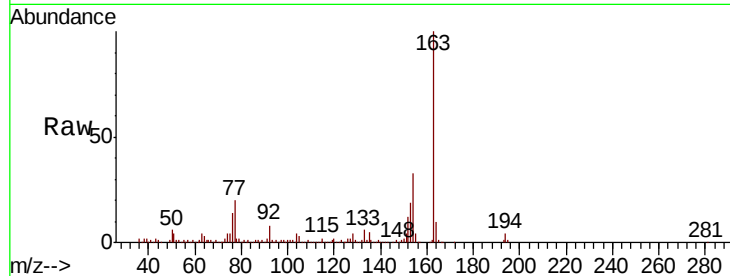
#50
Dimethylphthalate
Concen: 5.410 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	8.6	13.0

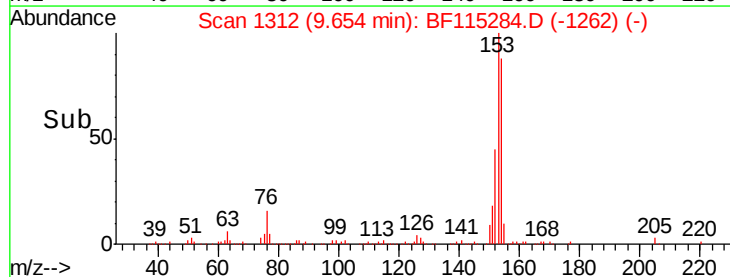
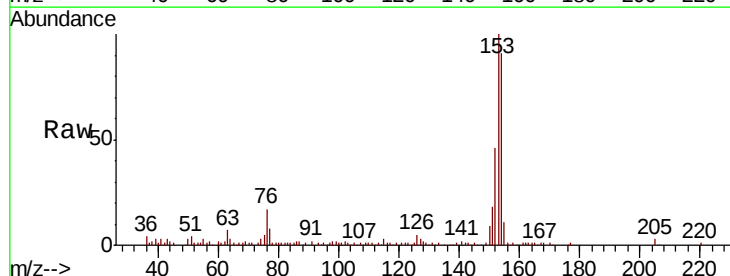
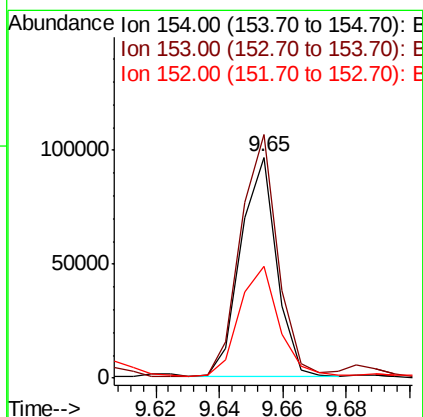
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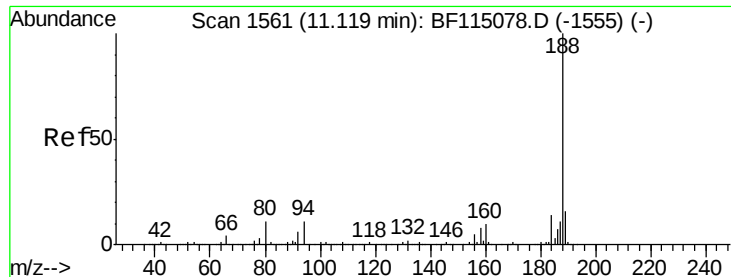
mohammad
7/1/2019 3:05:49 PM



#52
Acenaphthene
Concen: 2.744 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.7	133.1
152	50.8	42.6	64.0





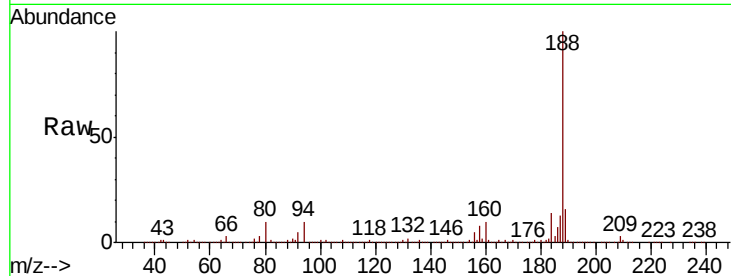
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

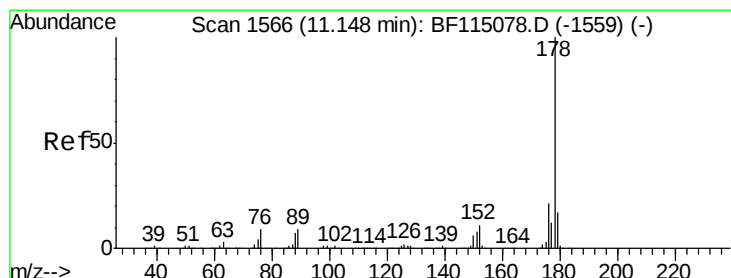
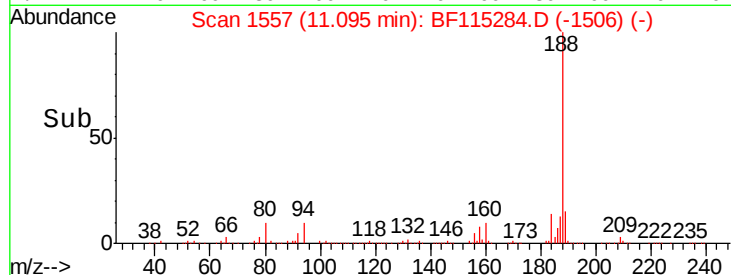
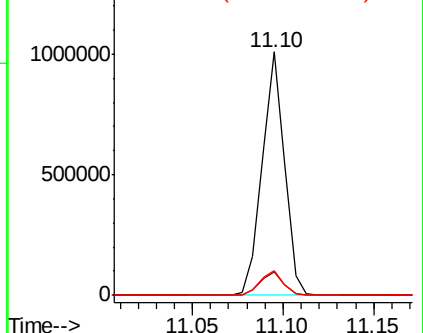
Tot Ion	Ratio	Resp	Lower	Upper
188	100	864745		
94	9.7		8.6	12.8
80	10.0		8.8	13.2

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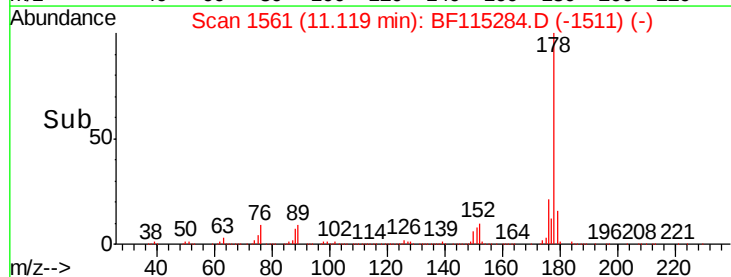
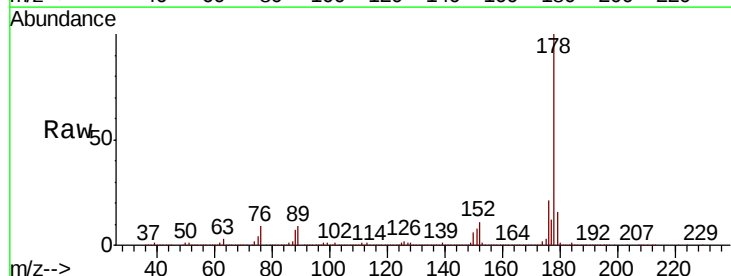
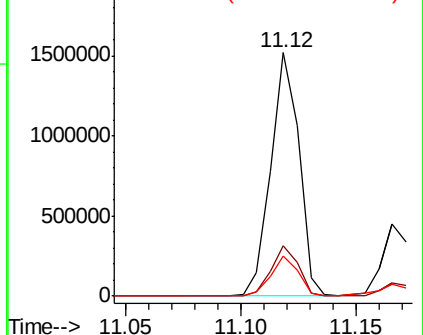
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

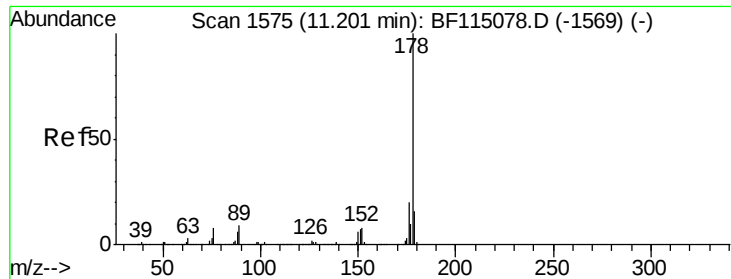


#71
Phenanthrene
Concen: 27.602 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1285133		
176	20.7		16.9	25.3
179	16.3		13.2	19.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 7.937 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

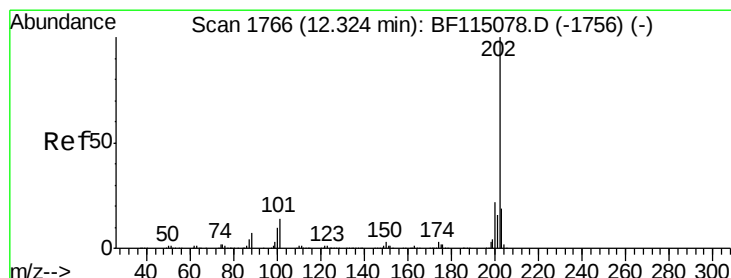
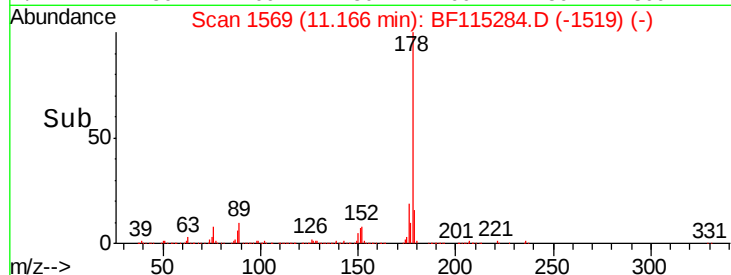
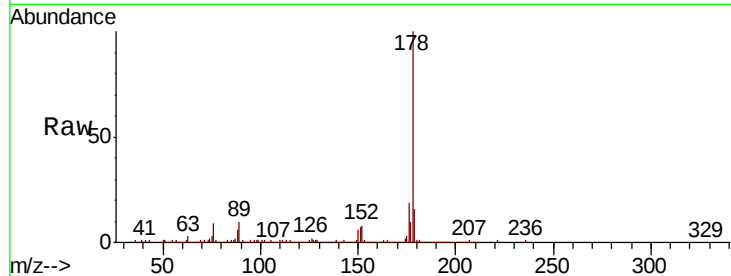
ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

Tot Ion:	178	Resp:	373009
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.1	24.1
179	16.1	12.9	19.3

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#75

Fluoranthene

Concen: 30.423 ng

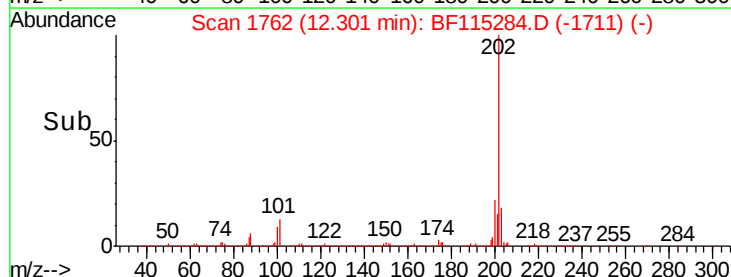
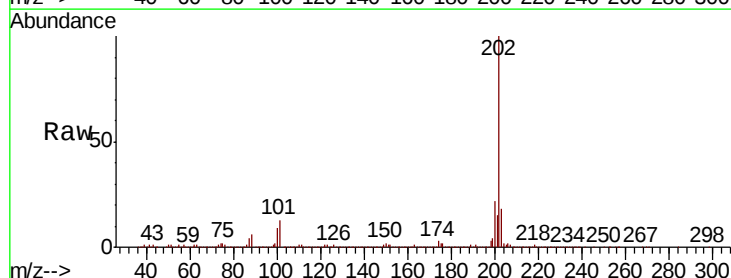
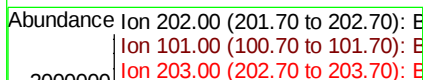
RT: 12.30 min Scan# 1762

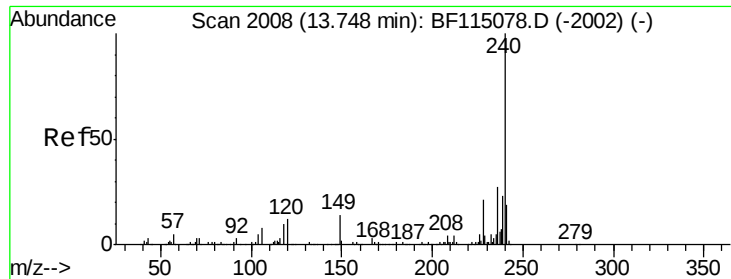
Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion:	202	Resp:	1413263
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.0
203	18.5	0.0	38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

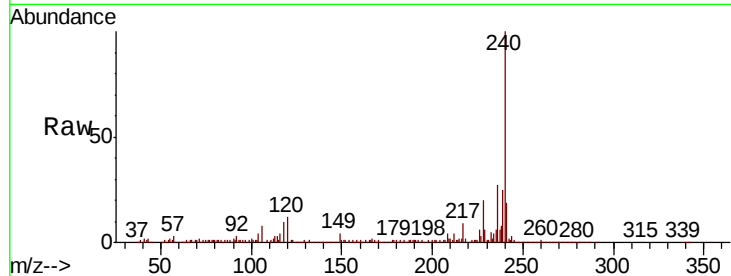
ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

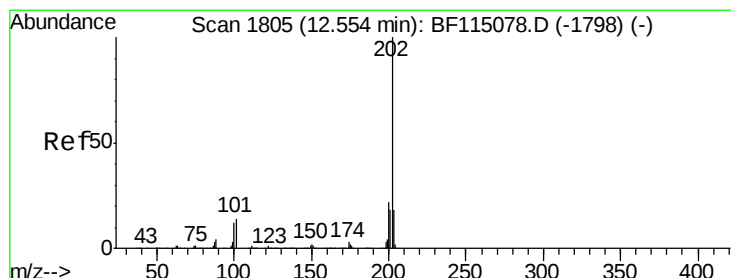
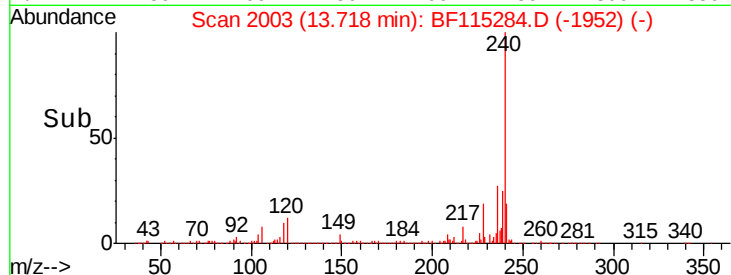
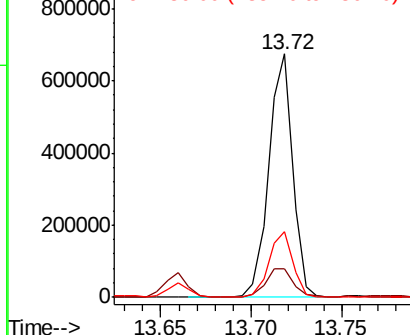
Tot Ion:	240	Resp:	612399
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.4	14.2
236	27.2	21.7	32.5

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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



#78

Pyrene

Concen: 35.470 ng

RT: 12.52 min Scan# 1800

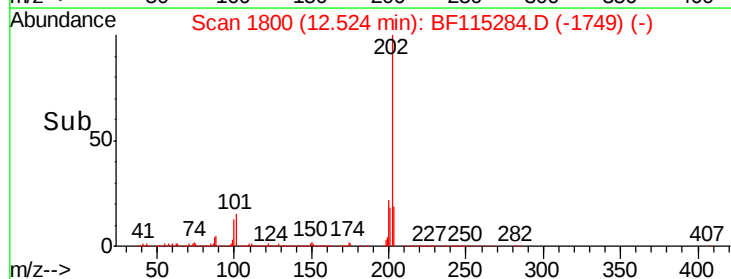
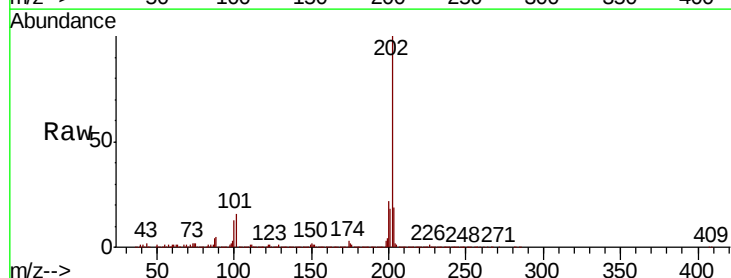
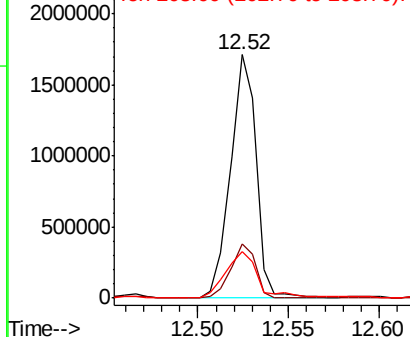
Delta R.T. 0.00 min

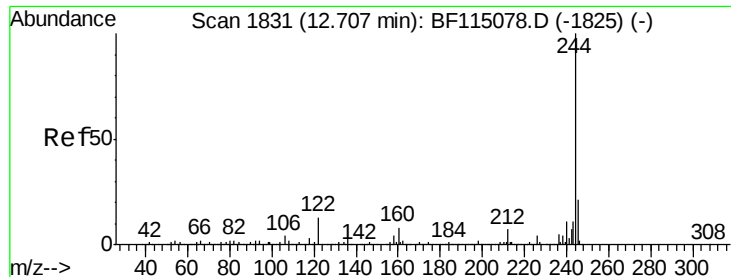
Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion:	202	Resp:	1669347
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.9	26.9
203	19.0	14.6	21.8

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





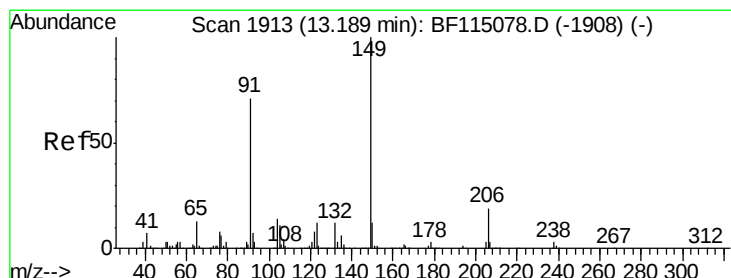
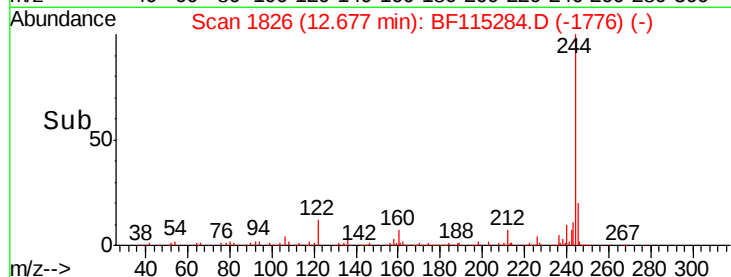
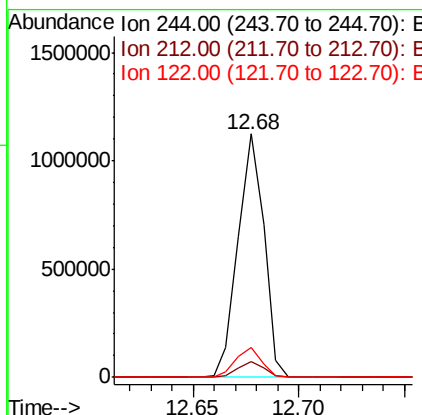
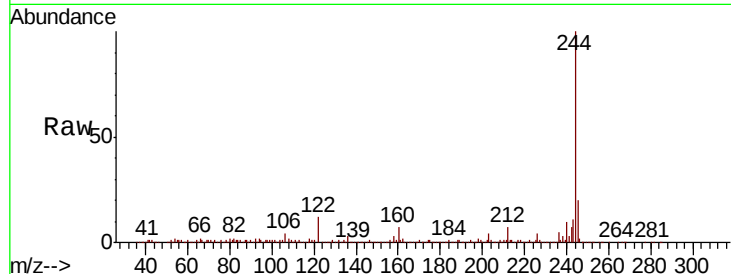
#79
 Terphenyl-d14
 Concen: 33.311 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115284.D
 Acq: 28 Jun 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.5	10.4	15.6

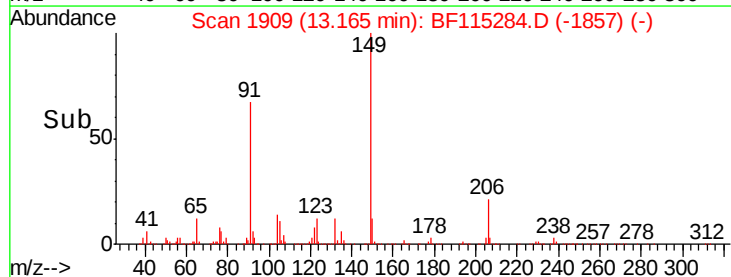
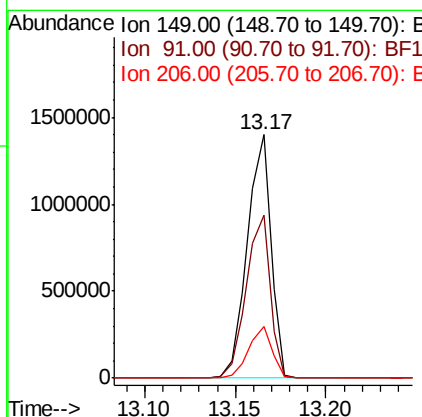
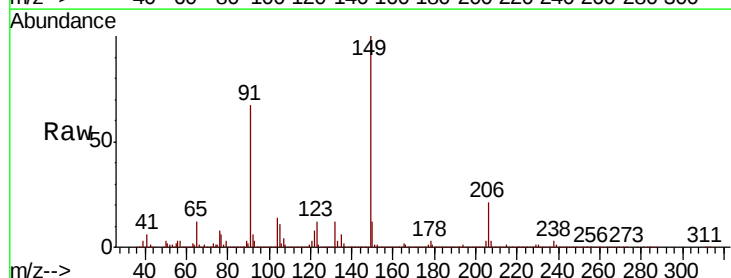
Manual Integrations
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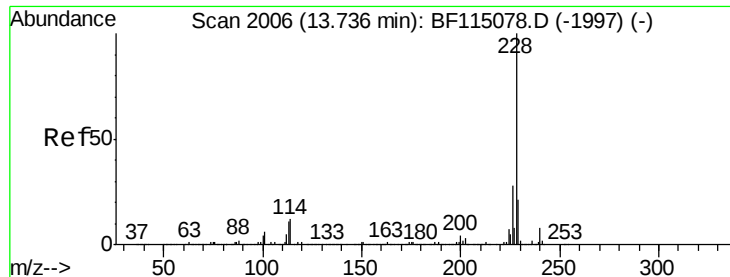
mohammad
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#80
 Butylbenzylphthalate
 Concen: 61.363 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115284.D
 Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.5	84.7
206	21.2	15.3	22.9





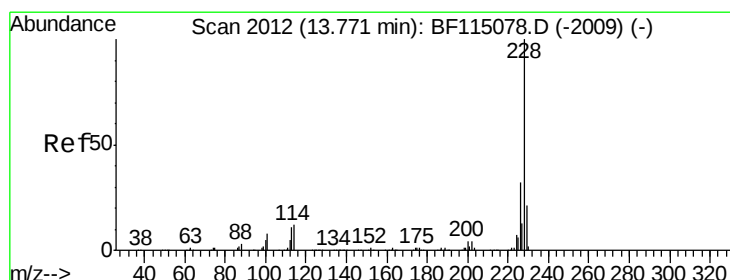
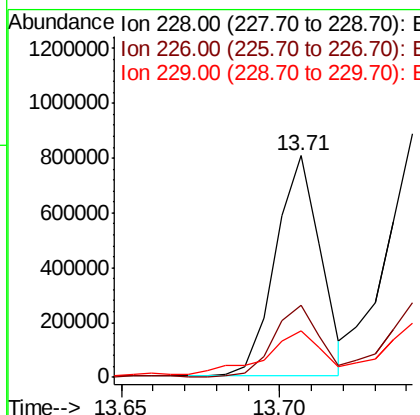
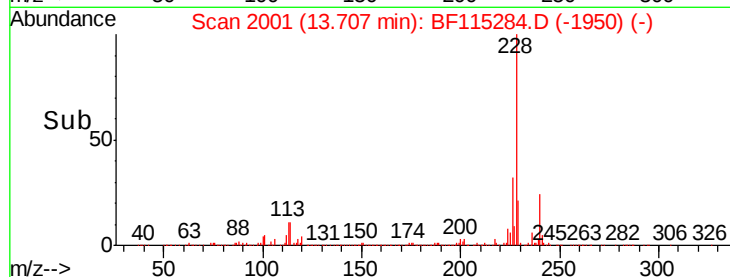
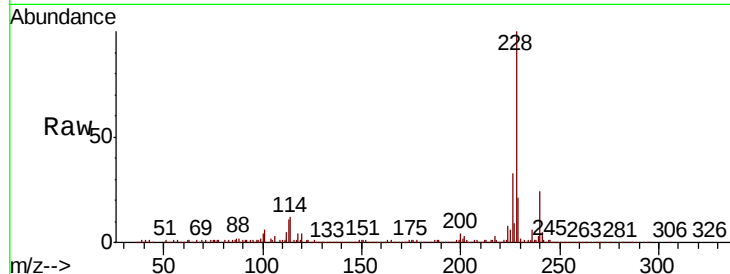
#81
Benzo(a)anthracene
Concen: 18.102 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.5	33.7
229	21.2	16.6	24.8

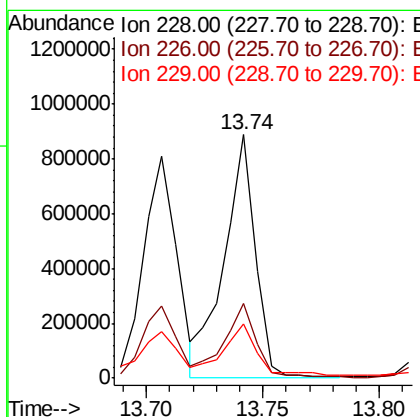
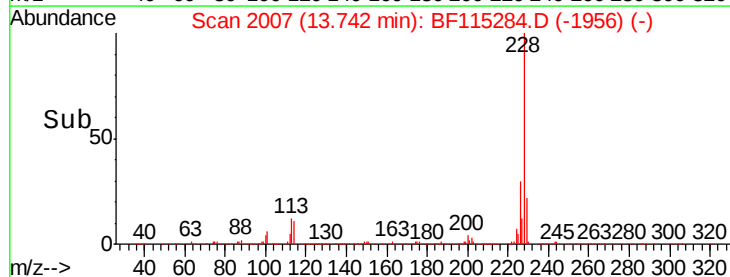
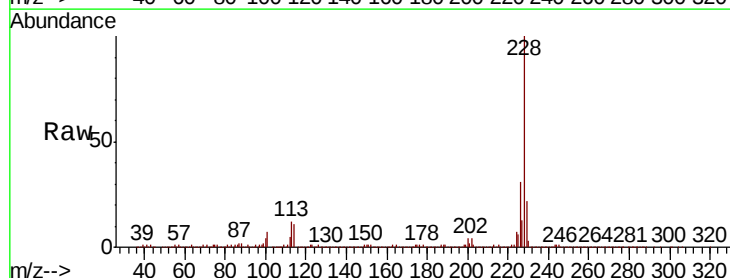
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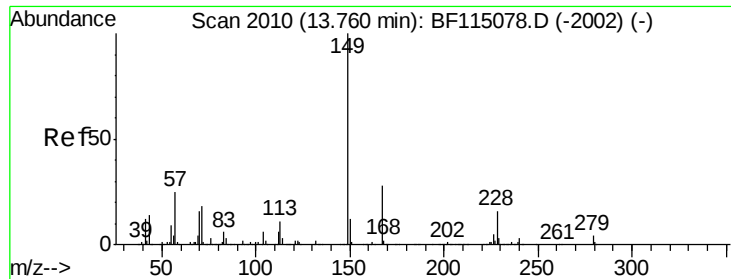
mohammad
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#83
Chrysene
Concen: 20.782 ng m
RT: 13.74 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	22.2	16.5	24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.042 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

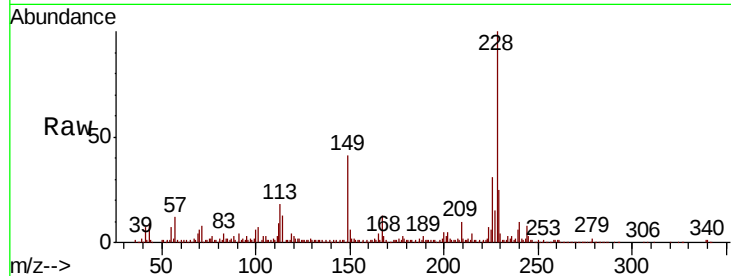
ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

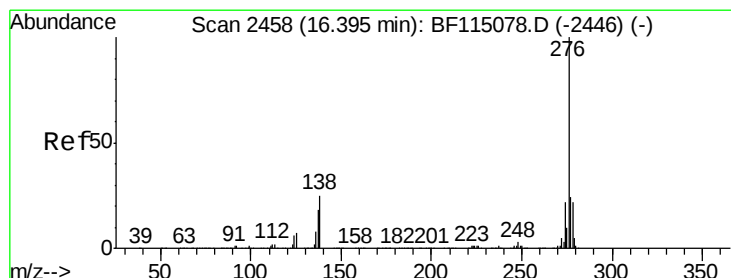
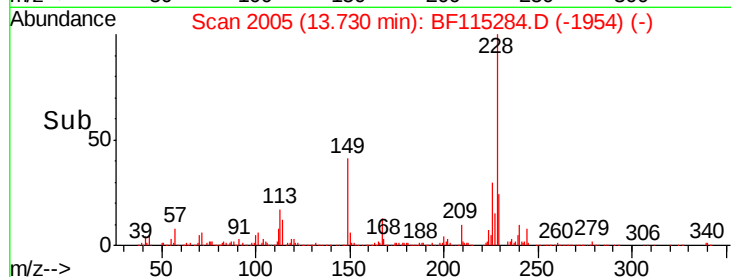
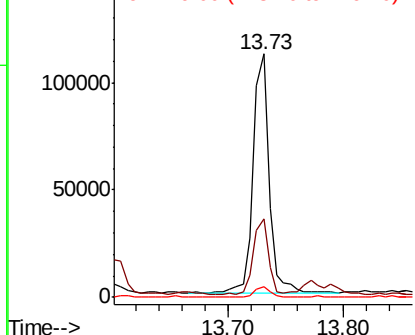
Tot Ion:	149	Resp:	110004
Ion Ratio	Lower	Upper	
149	100		
167	32.1	22.2	33.4
279	4.4	2.9	4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.266 ng

RT: 16.34 min Scan# 2448

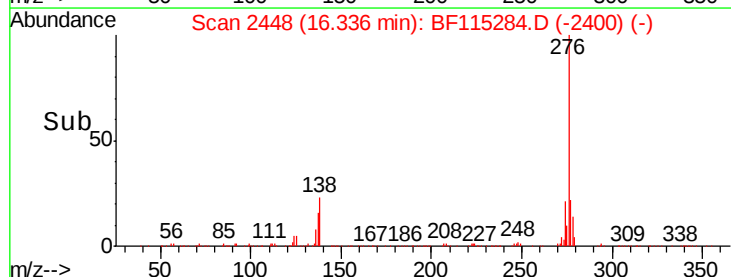
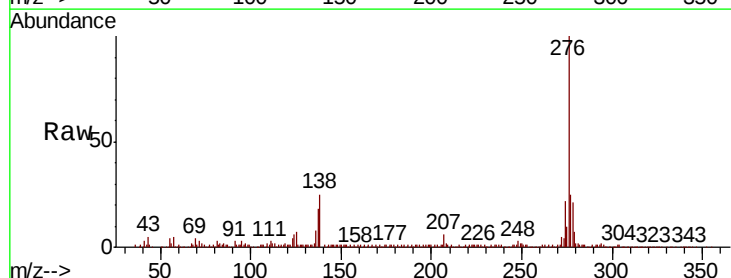
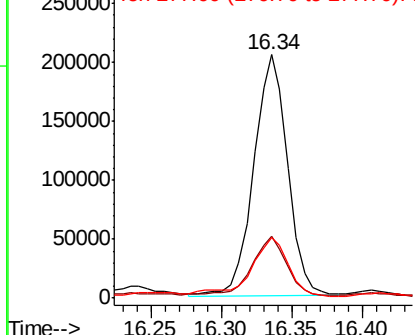
Delta R.T. -0.02 min

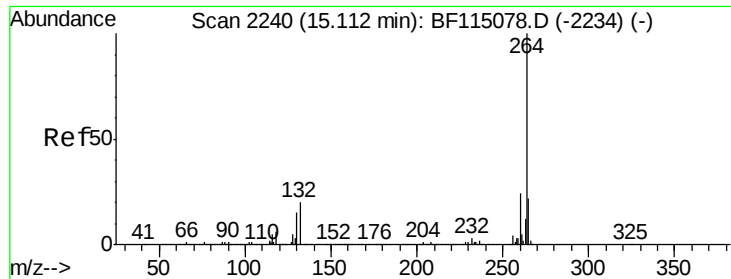
Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion:	276	Resp:	346091
Ion Ratio	Lower	Upper	
276	100		
138	25.4	23.2	34.8
277	26.5	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

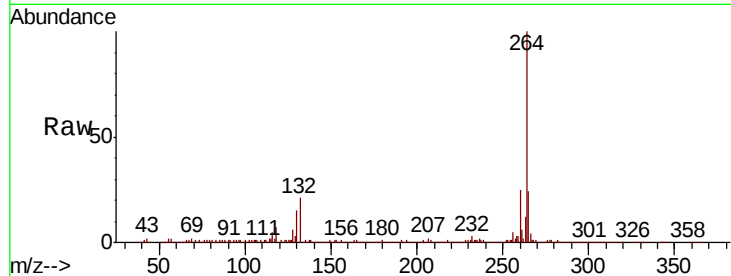
ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

Tot Ion:	264	Resp:	682228
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	23.8	17.3	25.9

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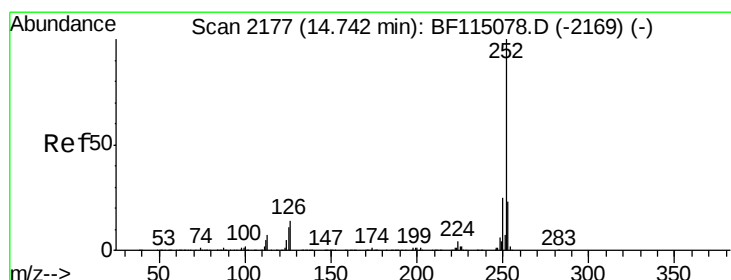
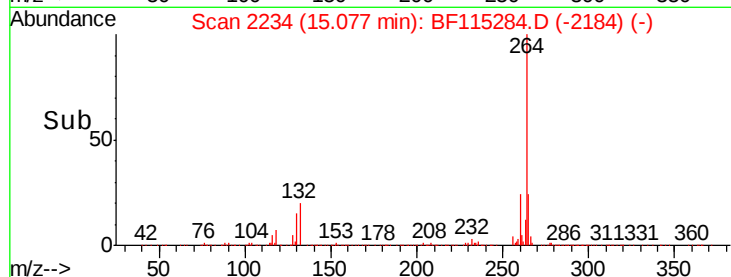
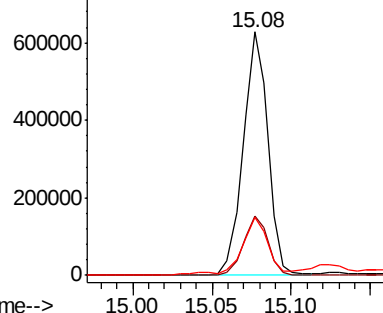


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 22.355 ng m

RT: 14.71 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

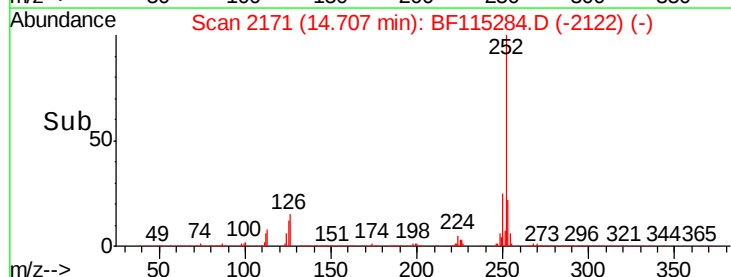
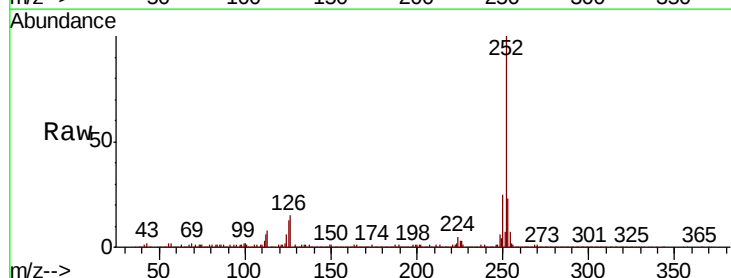
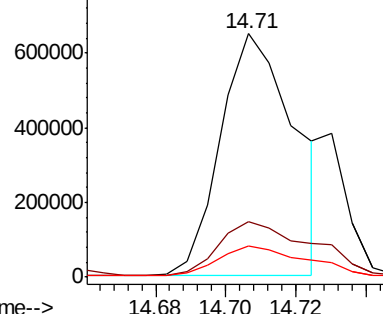
Tgt Ion:	252	Resp:	951629
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	12.6	8.7	13.1

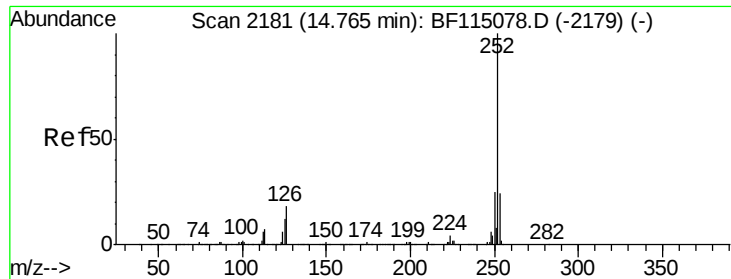
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.087 ng

RT: 14.73 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Instrument :

BNA_F

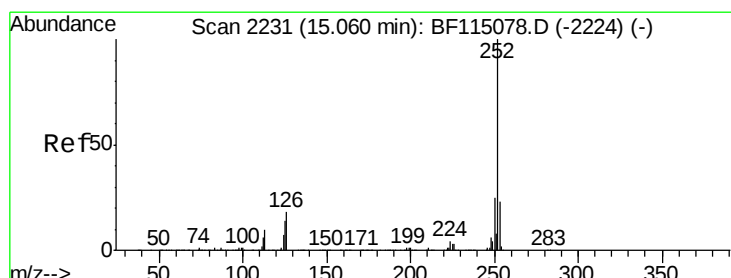
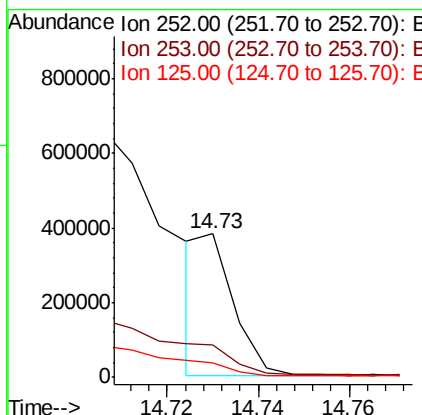
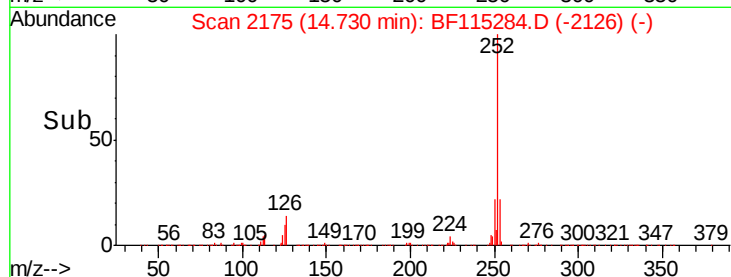
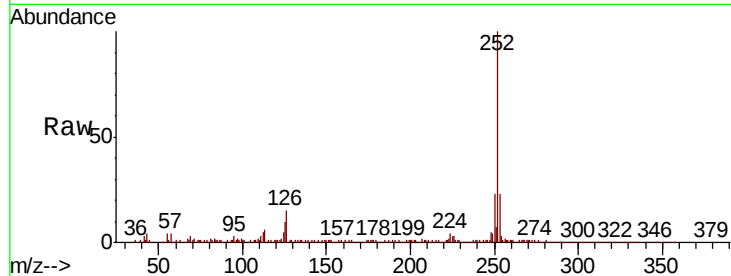
ClientSampleId :

TRIANGLE-AREA-SOIL-CDL

Tot Ion:	252	Resp:	194196
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.9	28.3
125	10.3	10.2	15.2

Manual Integrations
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7/1/2019 3:05:49 PM



#90

Benzo(a)pyrene

Concen: 17.436 ng

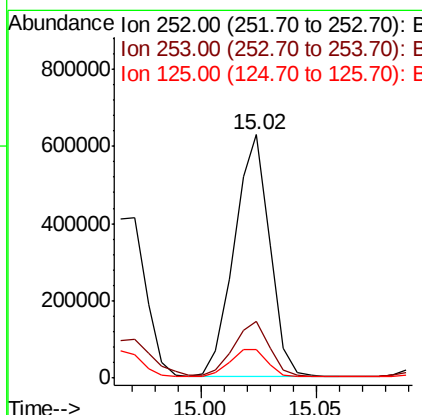
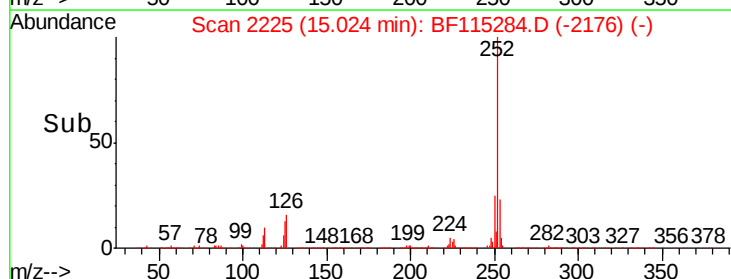
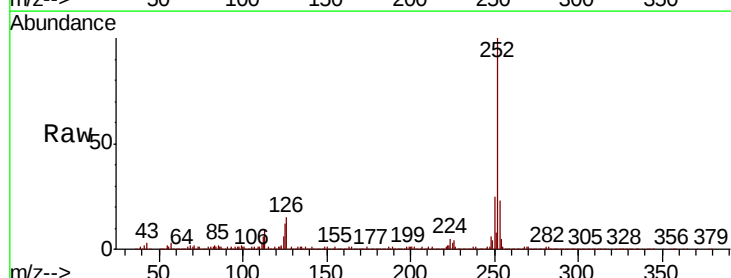
RT: 15.02 min Scan# 2225

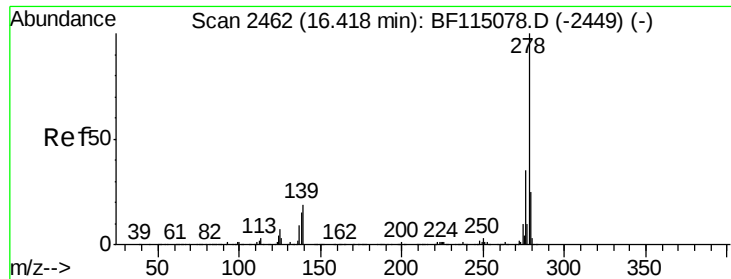
Delta R.T. -0.01 min

Lab File: BF115284.D

Acq: 28 Jun 2019 16:36

Tgt Ion:	252	Resp:	668987
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.3	27.5
125	11.9	10.9	16.3





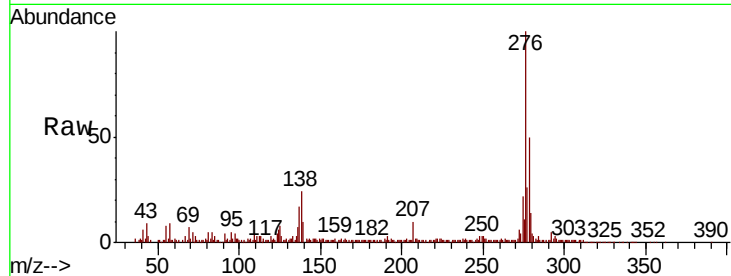
#91
Dibenzo(a,h)anthracene
Concen: 2.844 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-CDL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.2
279	29.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/1/2019 3:05:49 PM

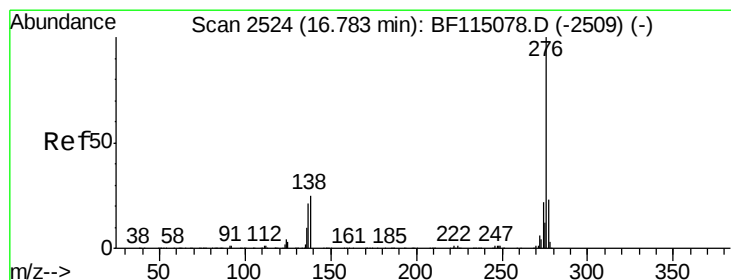
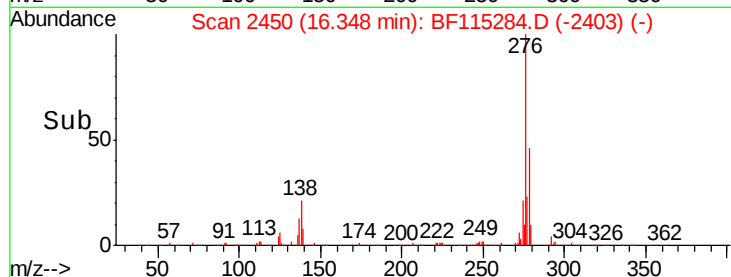
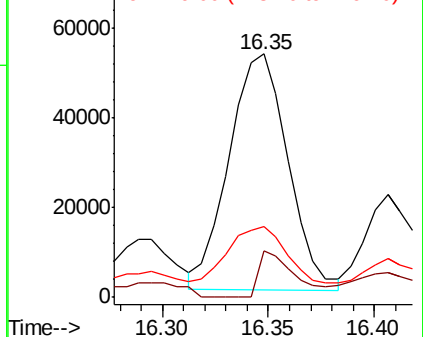


Abundance

Ion 278.00 (277.70 to 278.70): E

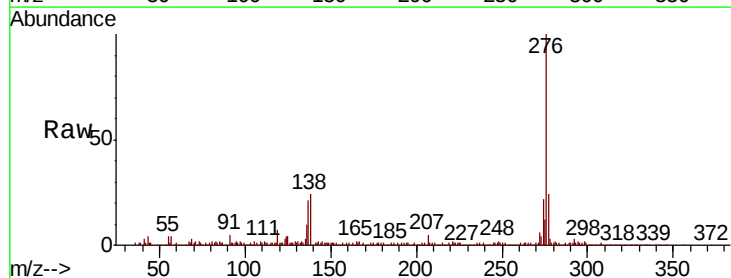
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.017 ng
RT: 16.71 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF115284.D
Acq: 28 Jun 2019 16:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.1	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

