

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111477.D
 Acq On : 15 Dec 2018 19:11
 Operator : JU/SJ
 Sample : J6371-02 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB07-1-2

Manual Integrations
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Sohil
 12/17/2018 3:12:21 PM

Quant Time: Dec 16 01:48:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	178390	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	697445	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	277971	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	400875	20.00	ng	0.00
76) Chrysene-d12	13.96	240	321372	20.00	ng	0.00
87) Perylene-d12	15.40	264	228657	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	255711	23.85	ng	0.00
7) Phenol-d6	6.43	99	738138	51.76	ng	0.00
23) Nitrobenzene-d5	7.35	82	428890	36.62	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	27146	10.90	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	766074	42.57	ng	0.00
79) Terphenyl-d14	12.90	244	546599	39.94	ng	0.00
Target Compounds						
10) Phenol	6.45	94	46486	2.926	ng	91
50) Dimethylphthalate	9.55	163	58968	2.946	ng	# 97
71) Phenanthrene	11.34	178	327534	15.856	ng	93
72) Anthracene	11.39	178	82149	3.889	ng	96
75) Fluoranthene	12.53	202	727805	36.016	ng	97
78) Pyrene	12.76	202	671805	29.650	ng	96
81) Benzo(a)anthracene	13.94	228	338981	19.399	ng	98
83) Chrysene	13.98	228	324165	17.610	ng	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	119420	8.989	ng	# 90
88) Benzo(b)fluoranthene	14.98	252	305424m	22.911	ng	
89) Benzo(k)fluoranthene	15.00	252	99381m	7.802	ng	
90) Benzo(a)pyrene	15.33	252	205216	17.071	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	30223m	3.187	ng	
92) Benzo(a,h,i)perylene	17.24	276	125731	13.507	ng	97

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

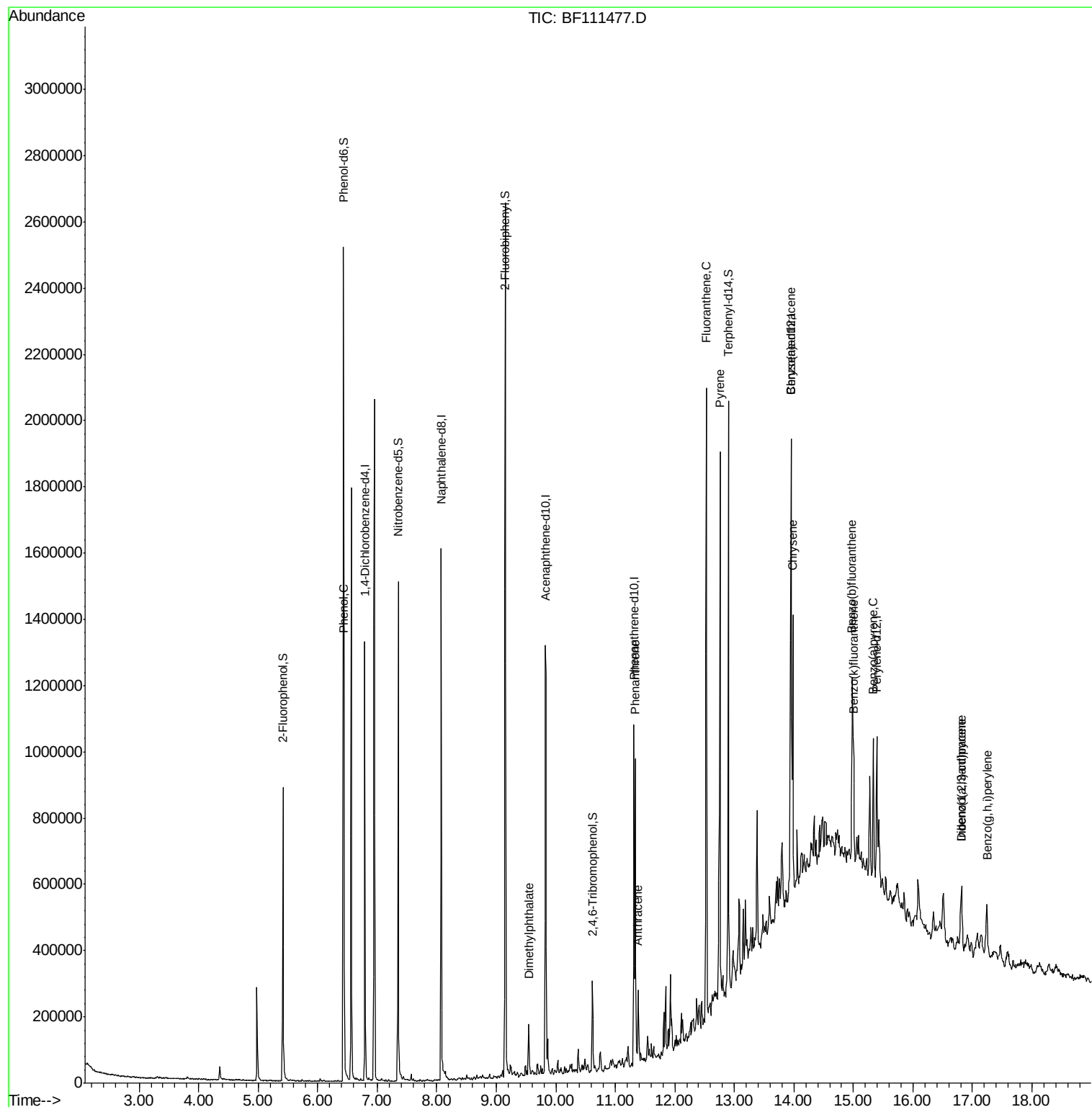
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111477.D
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Sample : J6371-02 2X
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ALS Vial : 21 Sample Multiplier: 1

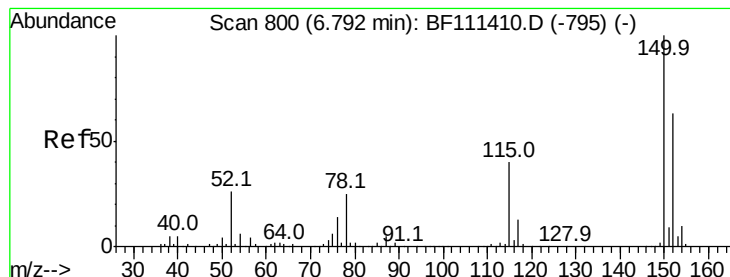
Instrument :
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EB07-1-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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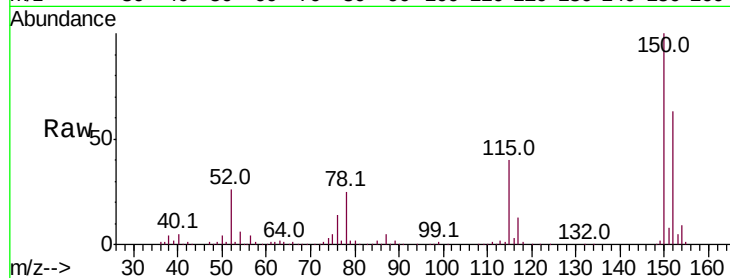
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EB07-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	63.9	50.7	76.1

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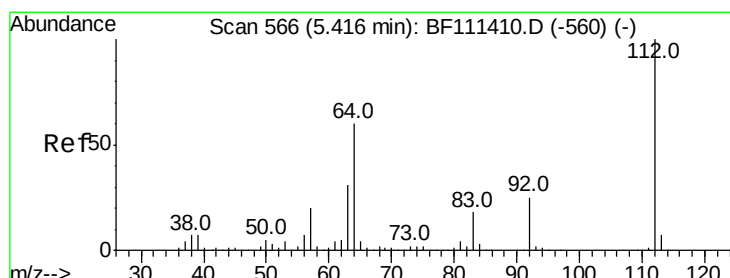
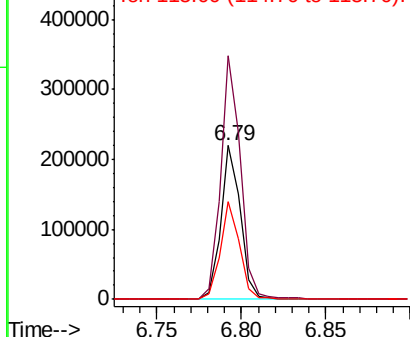
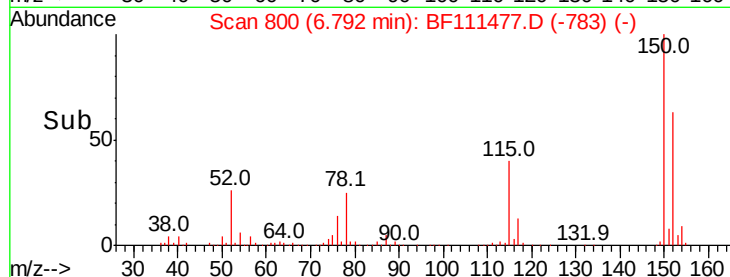


Abundance

Ion 152.00 (151.70 to 152.70): E

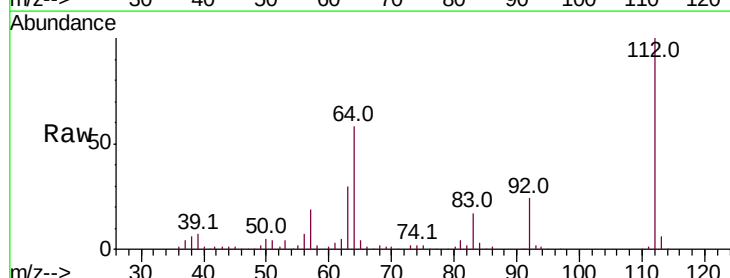
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 23.853 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	29.5	26.8	40.2

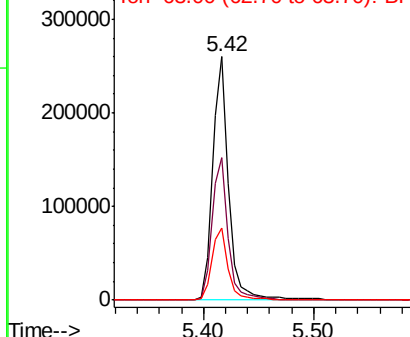
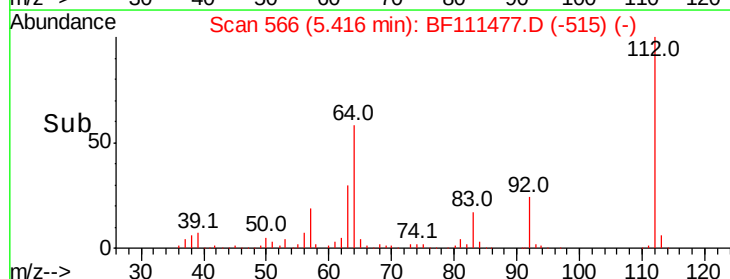


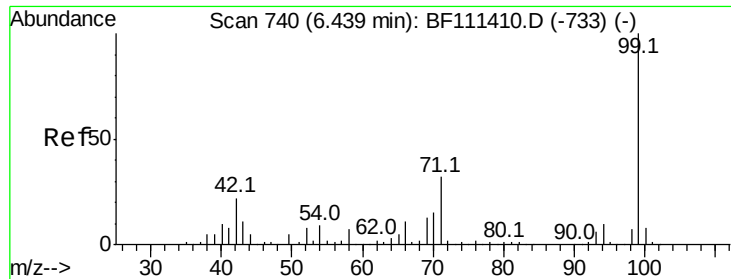
Abundance

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: 51.764 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111477.D

Acq: 15 Dec 2018 19:11

Instrument :

BNA_F

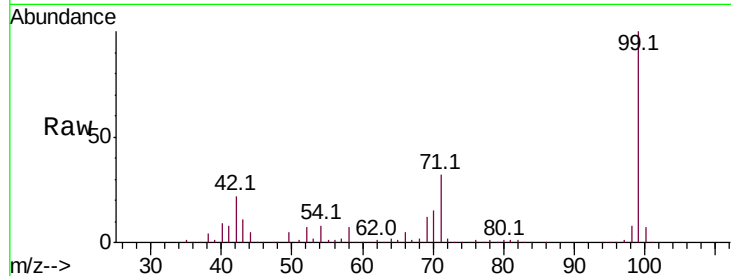
ClientSampled :

EB07-1-2

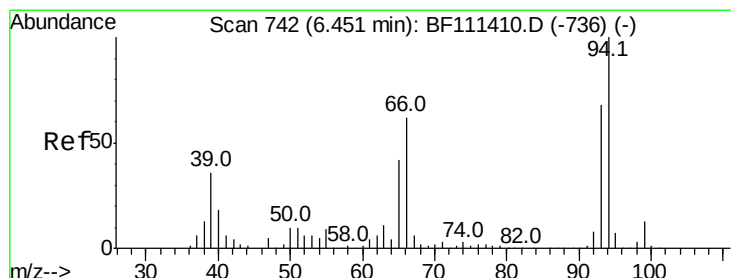
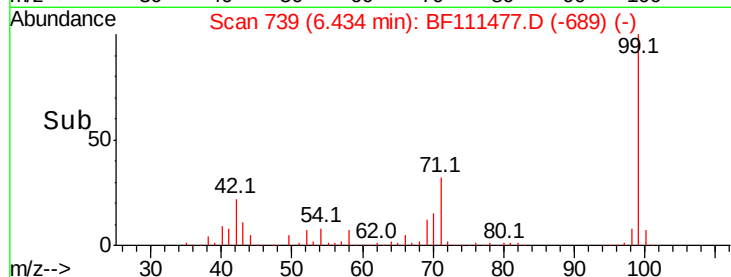
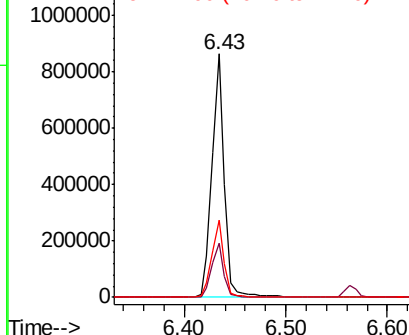
Tot Ion:	99	Resp:	738138
Ion Ratio	Lower	Upper	
99	100		
42	22.2	17.4	26.0
71	32.0	26.1	39.1

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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



#10

Phenol

Concen: 2.926 ng

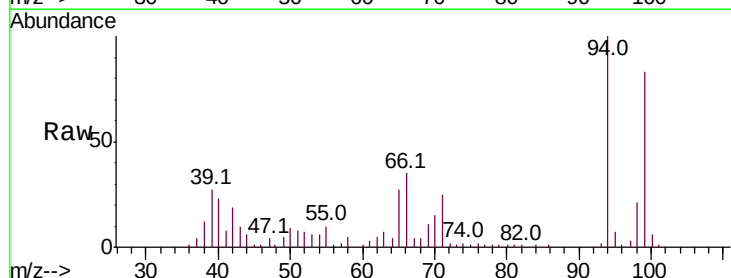
RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

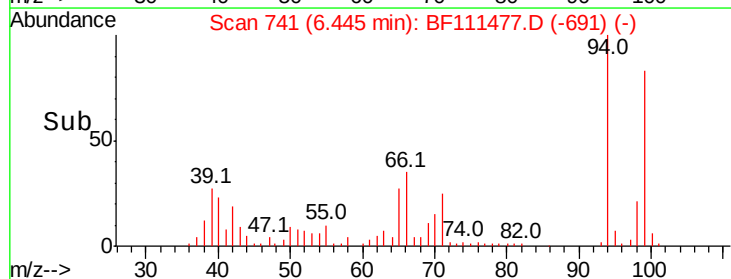
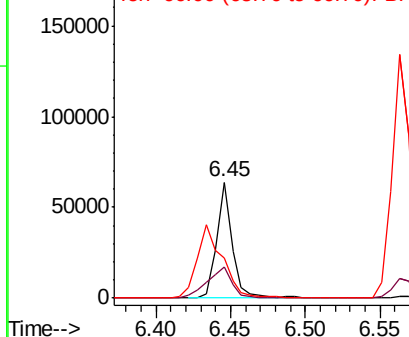
Lab File: BF111477.D

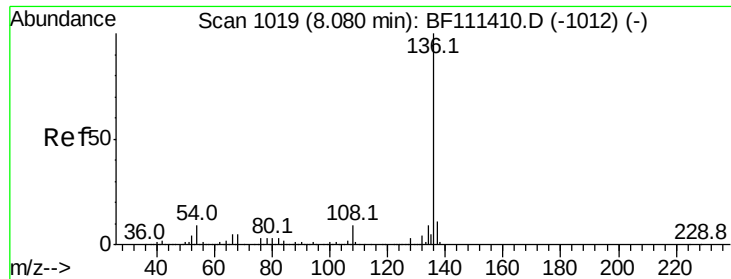
Acq: 15 Dec 2018 19:11

Tgt Ion:	94	Resp:	46486
Ion Ratio	Lower	Upper	
94	100		
65	27.4	11.7	51.7
66	35.2	21.0	61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





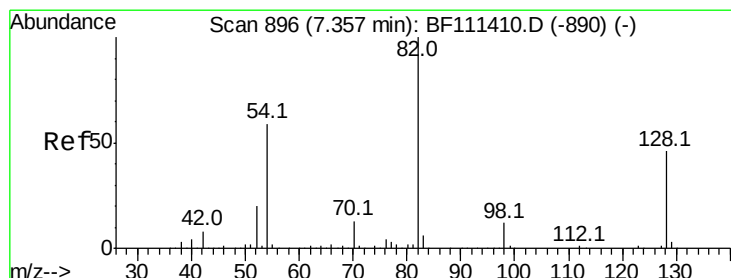
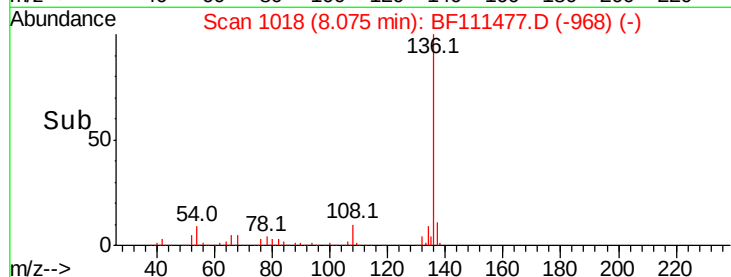
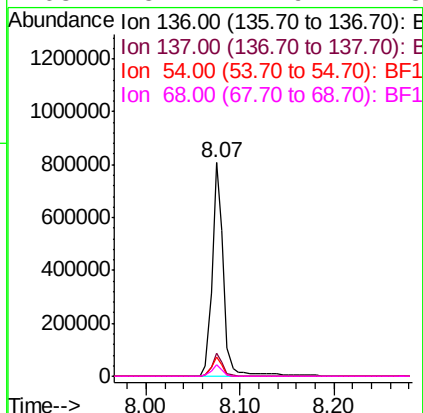
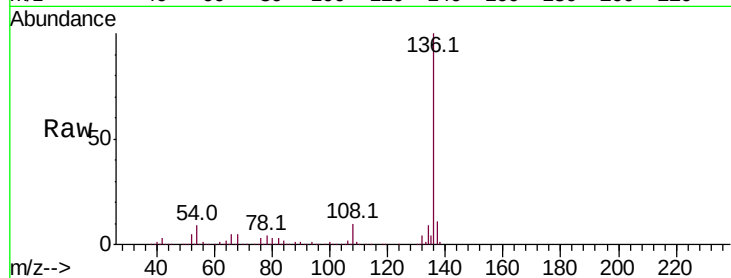
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampleId :
EB07-1-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	697445		
137	10.9		9.1	13.7
54	9.2		7.7	11.5
68	5.1		4.9	7.3

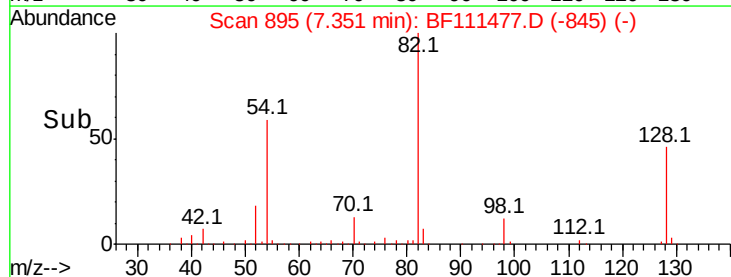
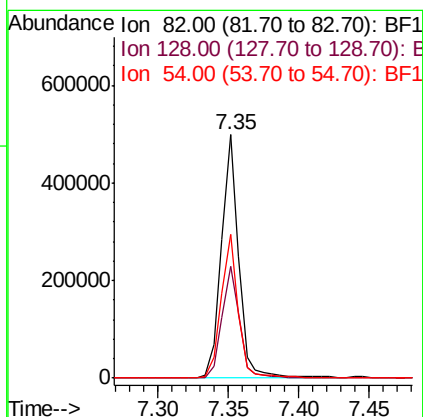
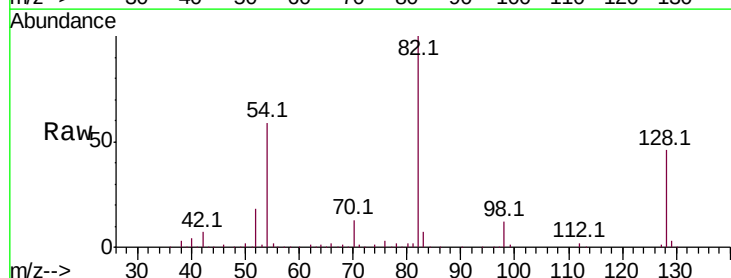
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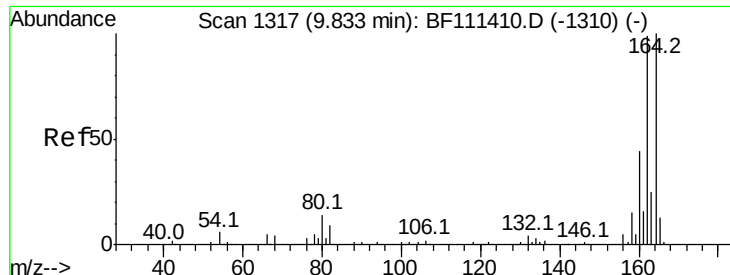
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#23
Nitrobenzene-d5
Concen: 36.619 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	428890		
128	45.8		37.4	56.2
54	59.2		47.6	71.4





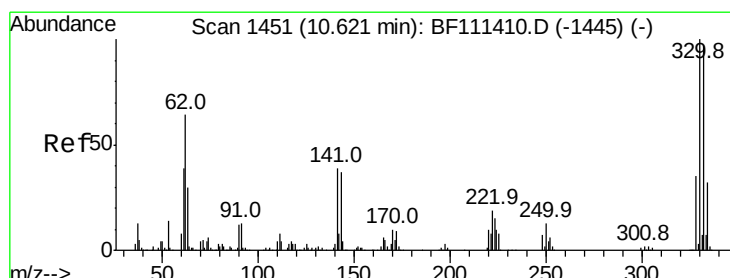
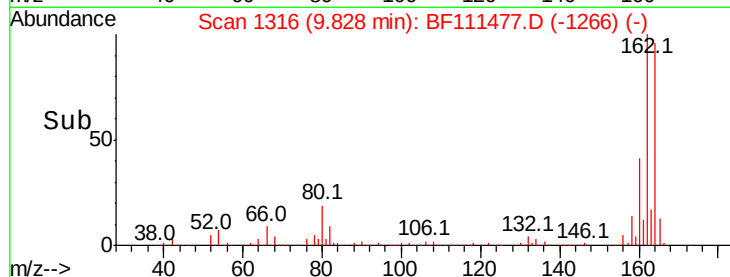
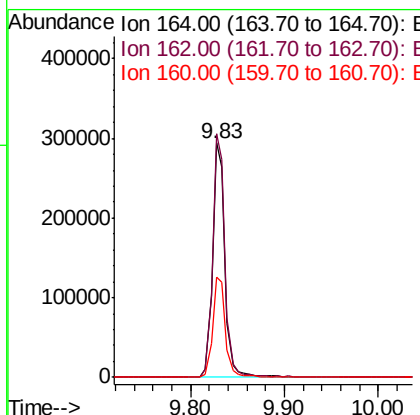
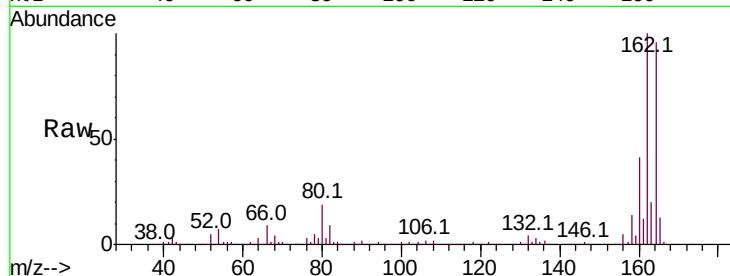
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EB07-1-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.0
160	42.8	35.7	53.5

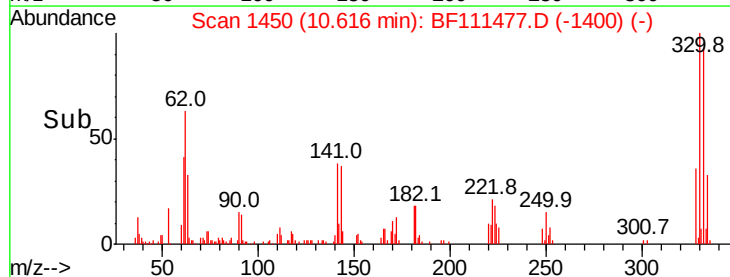
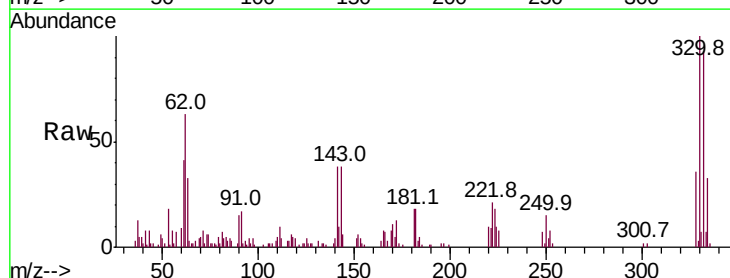
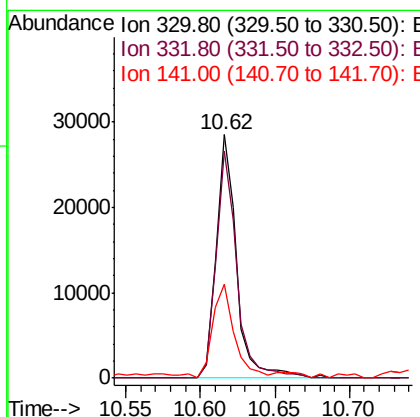
Manual Integrations
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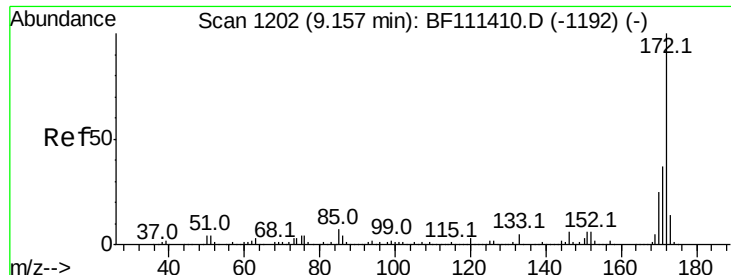
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#42
 2,4,6-Tribromophenol
 Concen: 10.902 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	36.8	31.0	46.6





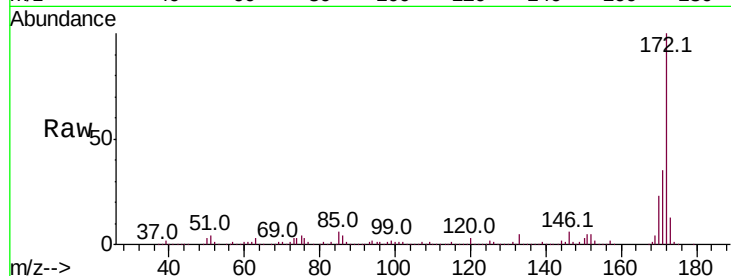
#45
2-Fluorobiphenyl
Concen: 42.569 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampleId :
EB07-1-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	766074		
171	35.3		33.0	49.4
170	23.3		22.3	33.5

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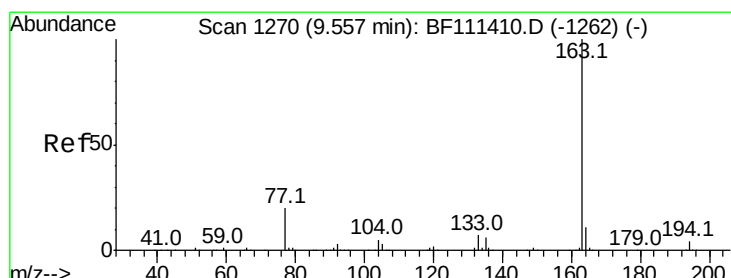
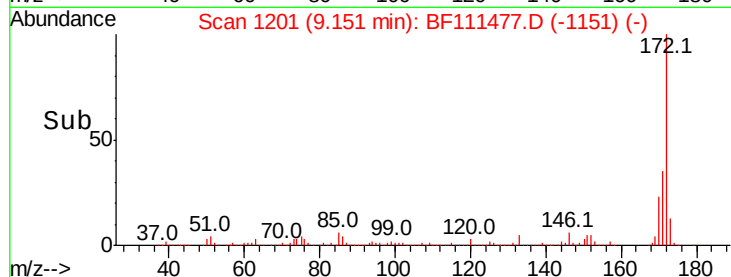
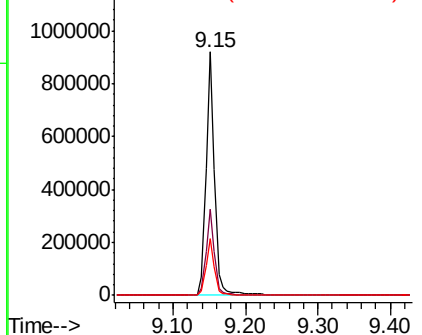


Abundance

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



#50
Dimethylphthalate
Concen: 2.946 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

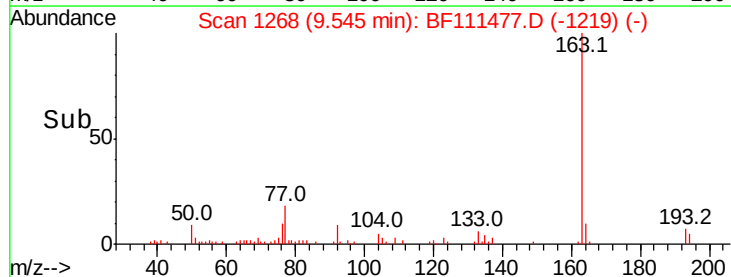
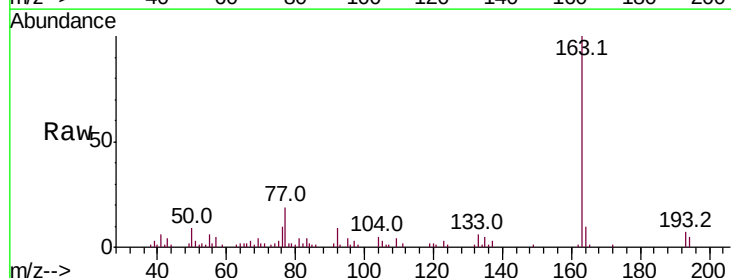
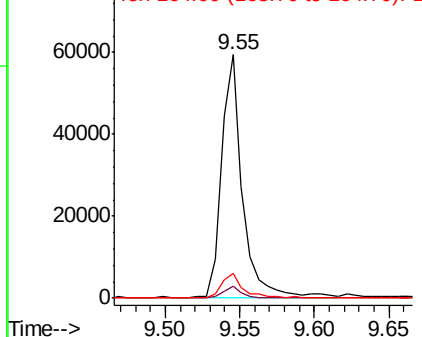
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	58968		
194	4.7		3.0	4.6#
164	10.1		8.9	13.3

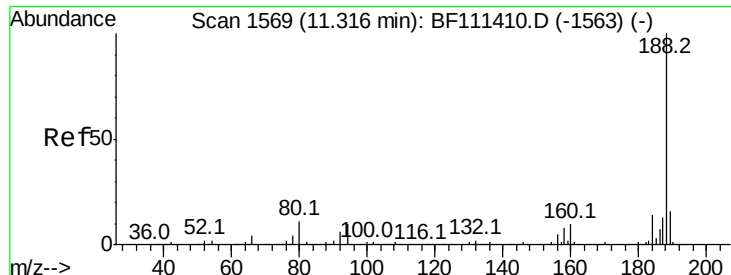
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





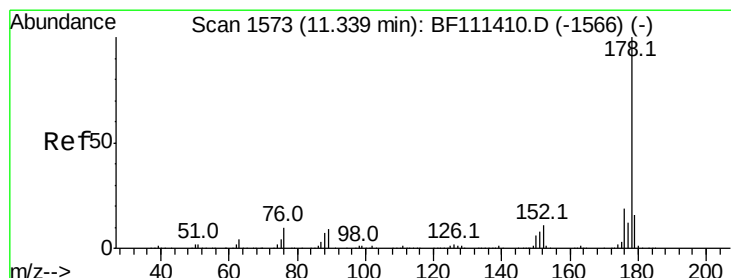
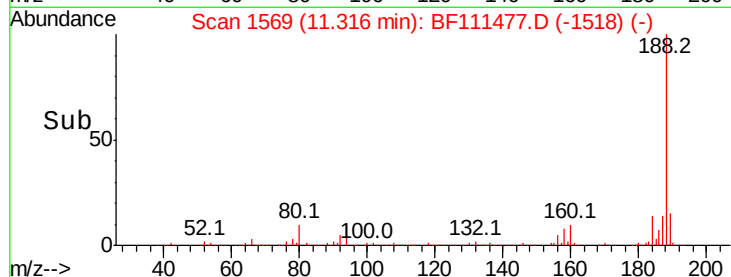
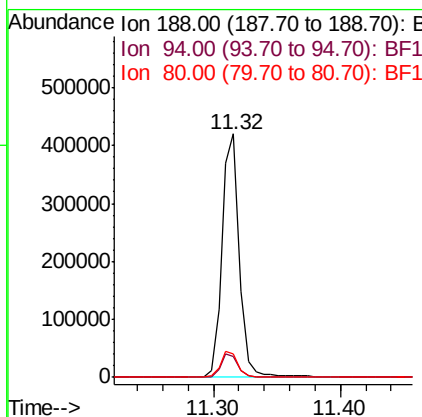
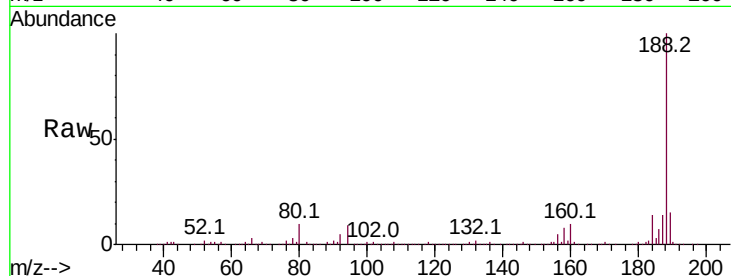
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Instrument :
 BNA_F
 ClientSampled :
 EB07-1-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.6	9.8	14.6#

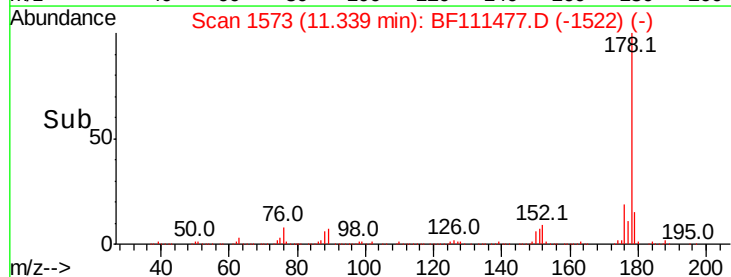
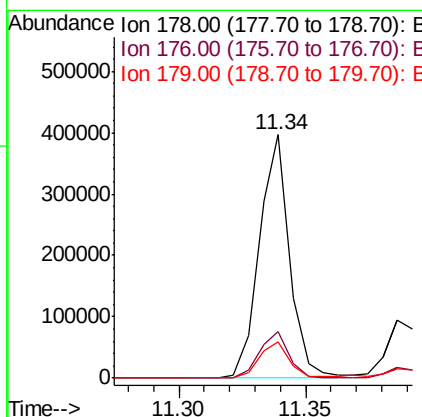
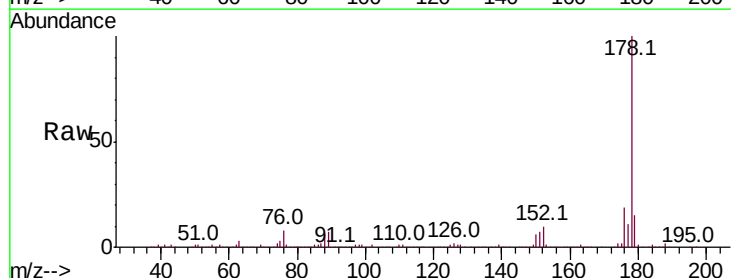
Manual Integrations
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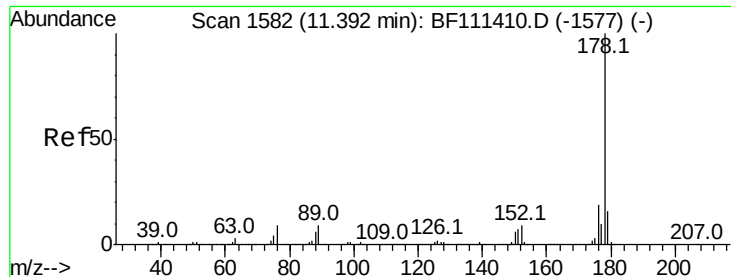
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#71
 Phenanthrene
 Concen: 15.856 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	18.1	27.1
179	14.9	14.0	21.0





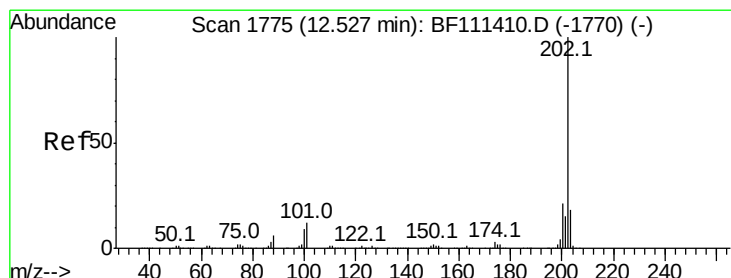
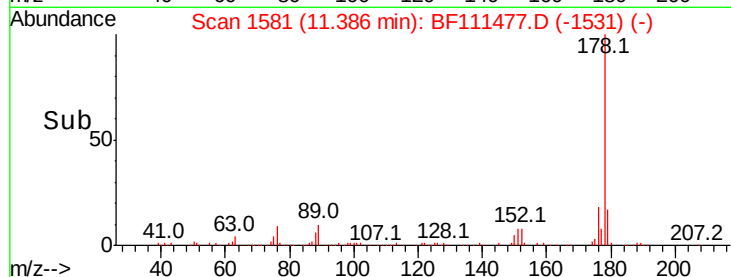
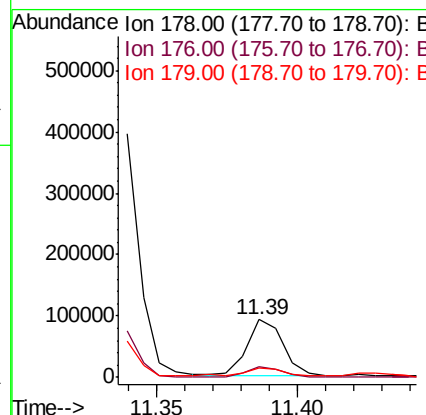
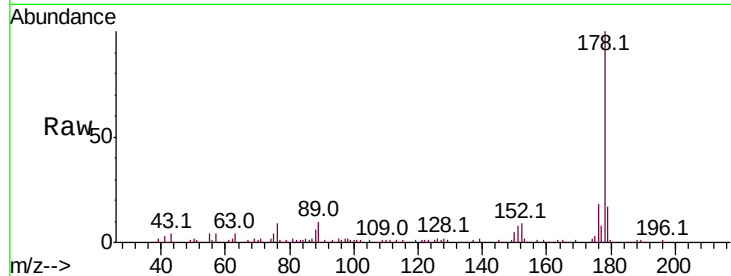
#72
 Anthracene
 Concen: 3.889 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EB07-1-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	16.8	13.8	20.8

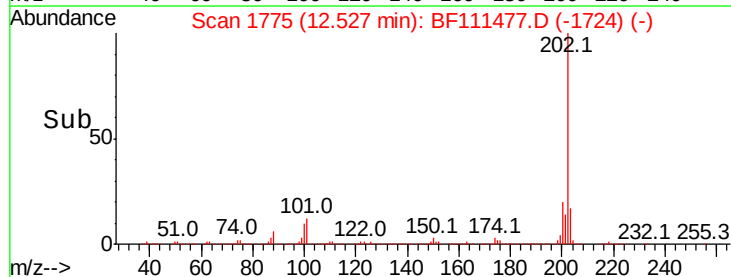
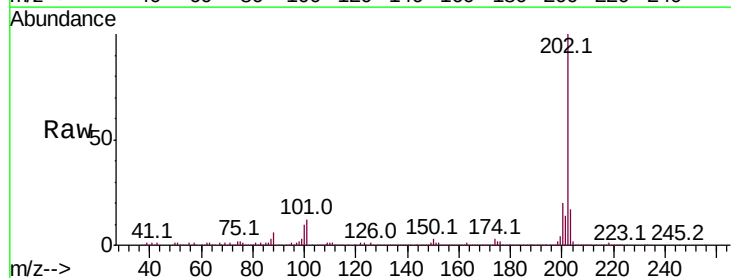
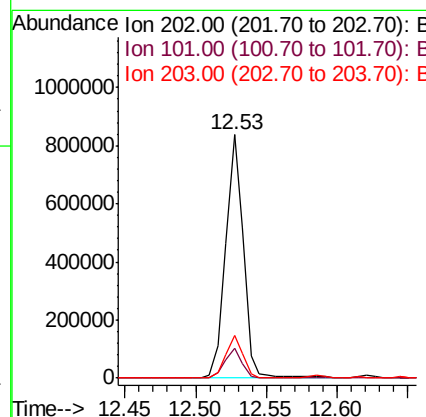
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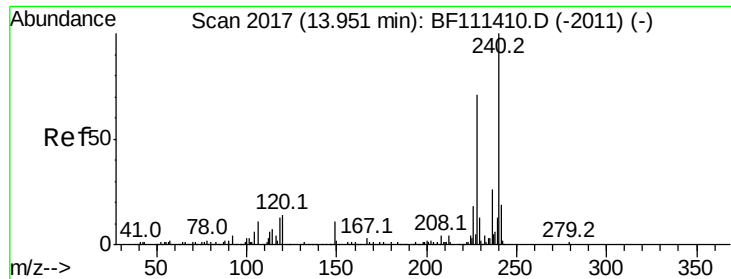
Sohil
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#75
 Fluoranthene
 Concen: 36.016 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	17.5	0.0	38.6





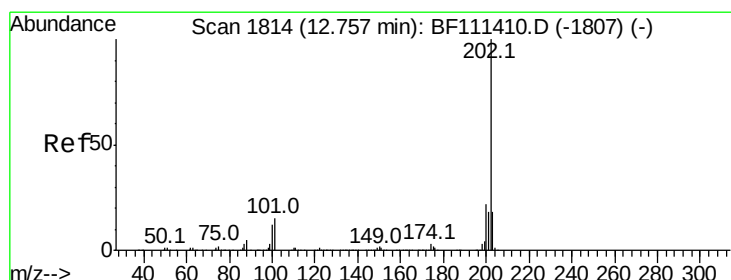
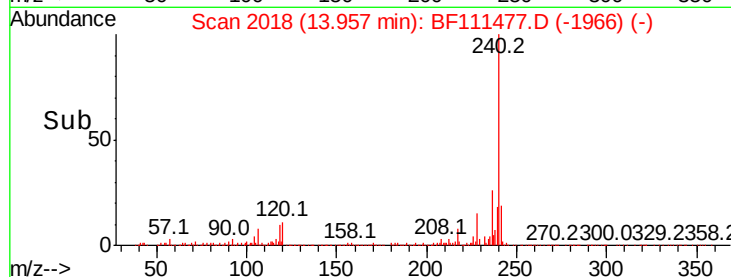
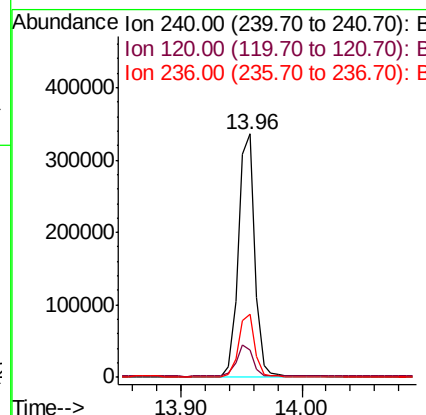
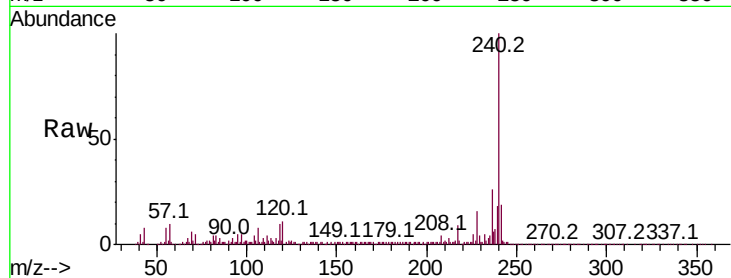
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampleId :
EB07-1-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.2	18.2#
236	26.0	20.2	30.2

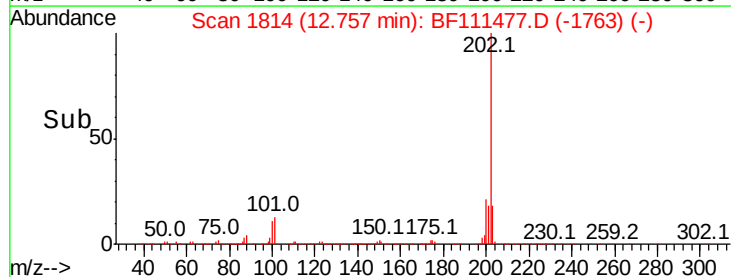
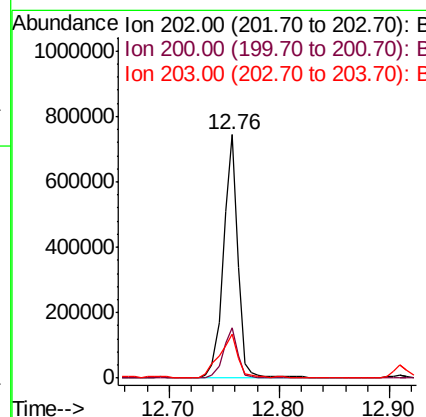
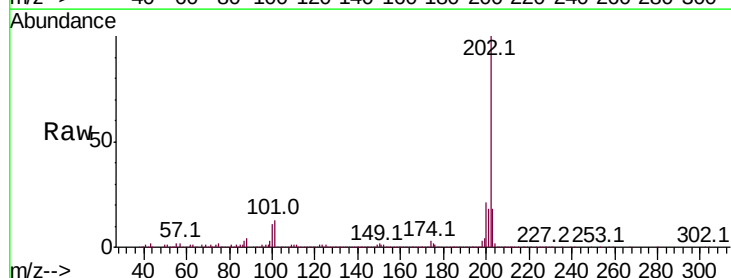
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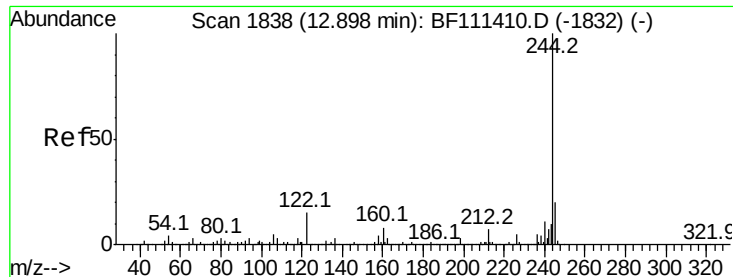
Sohil
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#78
Pyrene
Concen: 29.650 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.0	28.4
203	18.1	15.2	22.8





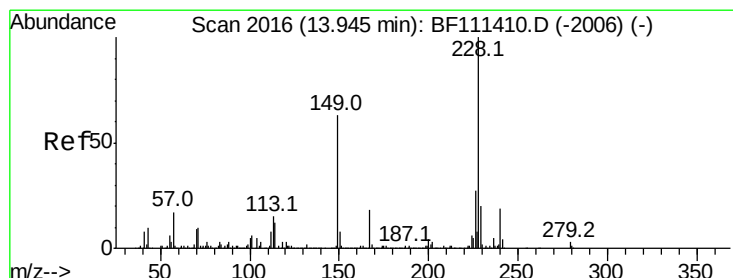
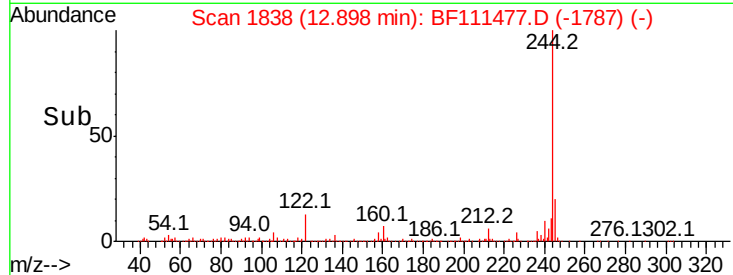
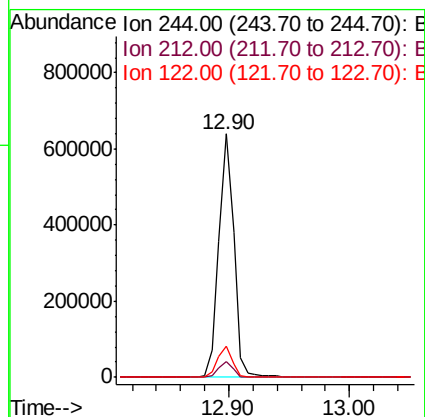
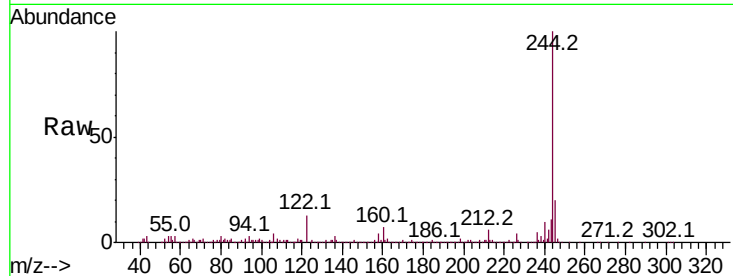
#79
 Terphenyl-d14
 Concen: 39.940 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EB07-1-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	12.7	13.1	19.7

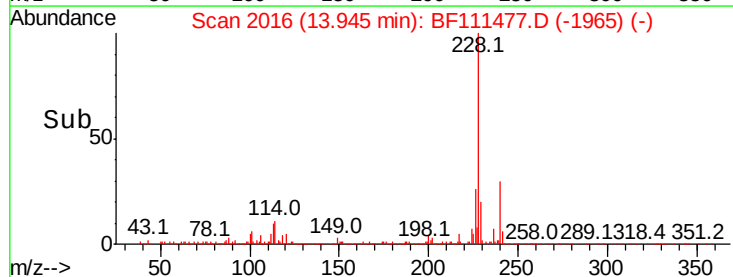
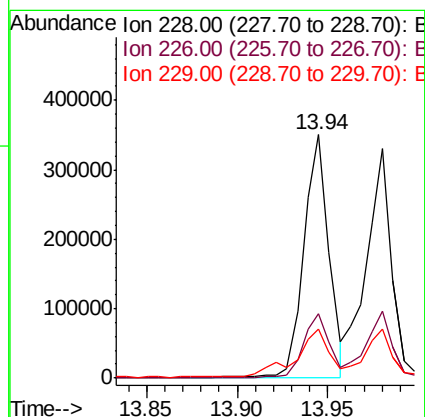
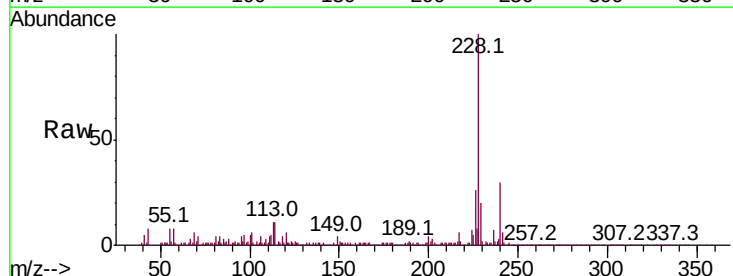
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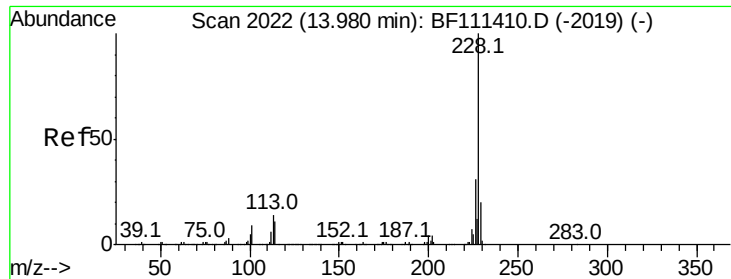
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#81
 Benzo(a)anthracene
 Concen: 19.399 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF111477.D
 Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	34.0
229	20.2	16.3	24.5





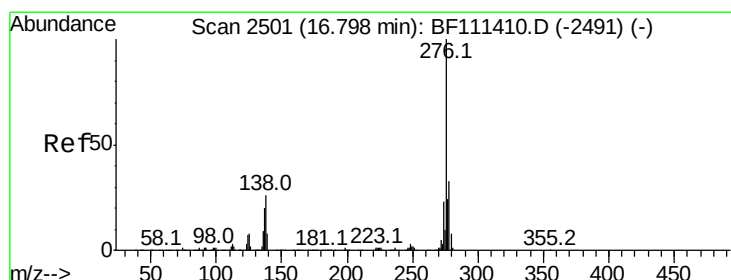
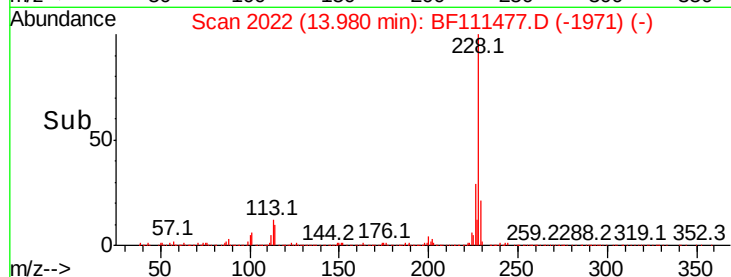
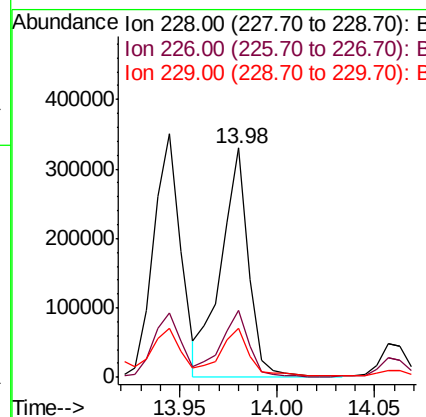
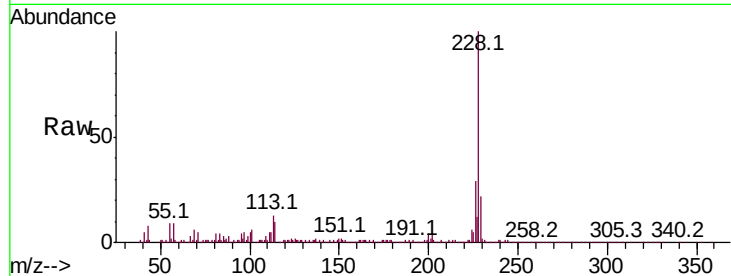
#83
Chrysene
Concen: 17.610 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampleId :
EB07-1-2

Tot Ion:	228	Resp:	324165
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.3	37.9
229	21.6	17.2	25.8

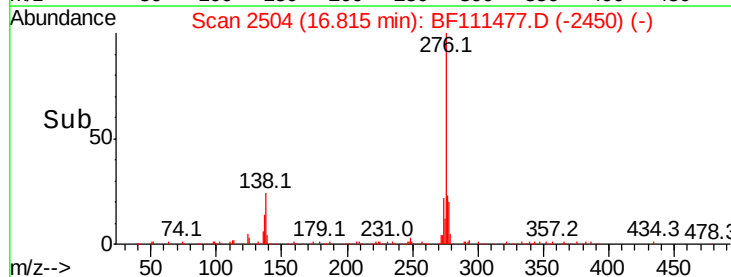
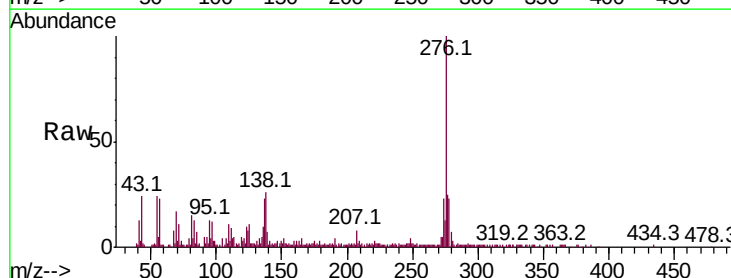
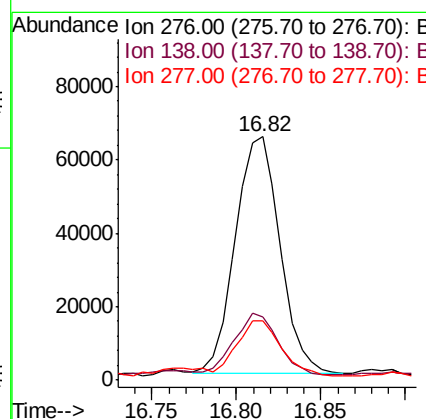
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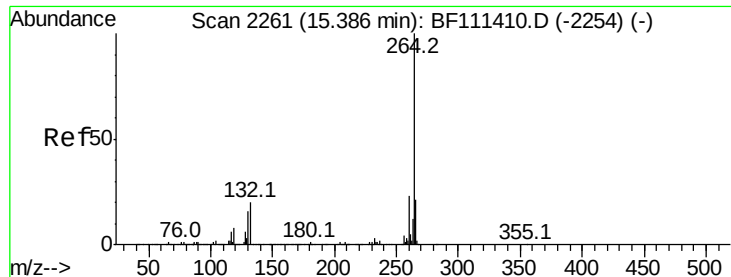
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.989 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.02 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Tgt Ion:	276	Resp:	119420
Ion Ratio	Lower	Upper	
276	100		
138	26.0	27.8	41.6#
277	23.9	20.1	30.1





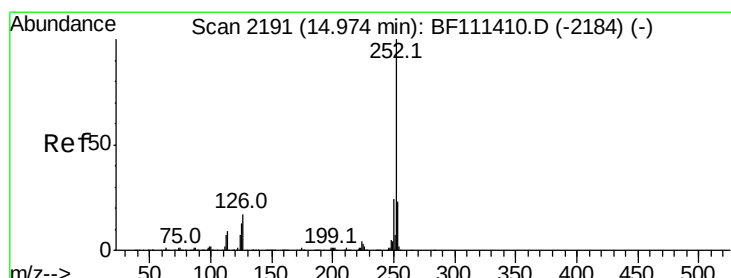
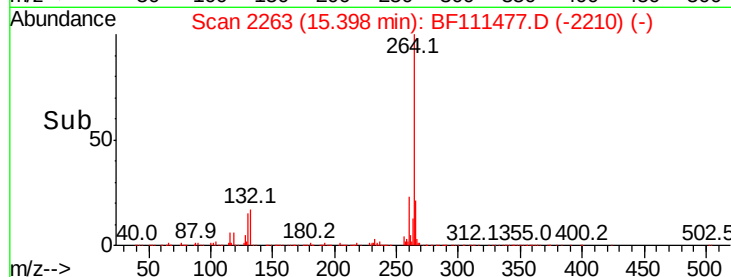
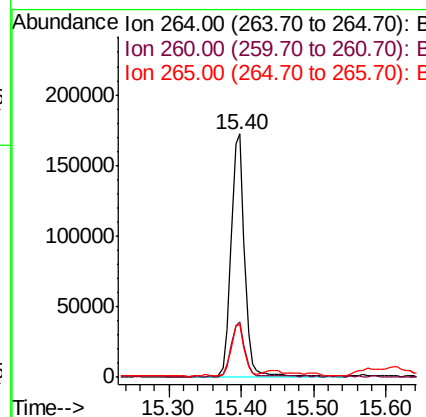
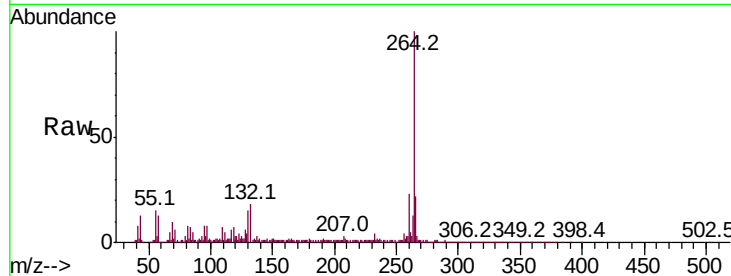
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampleId :
EB07-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.9	17.7	26.5

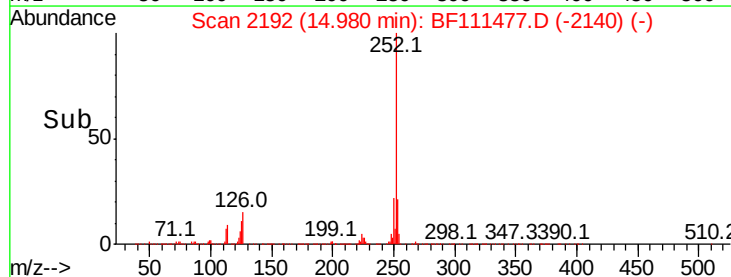
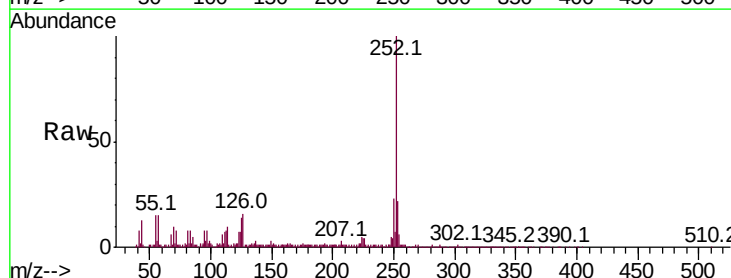
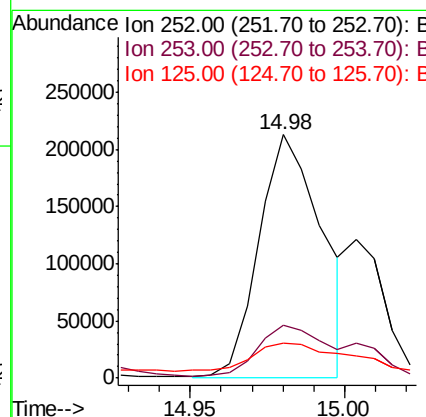
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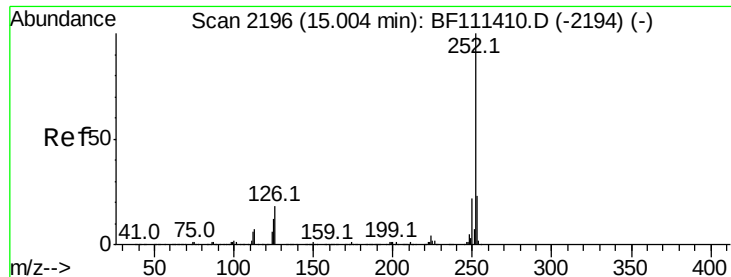
Sohil
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#88
Benzo(b)fluoranthene
Concen: 22.911 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	14.5	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 7.802 ng m

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF111477.D

Acq: 15 Dec 2018 19:11

Instrument :

BNA_F

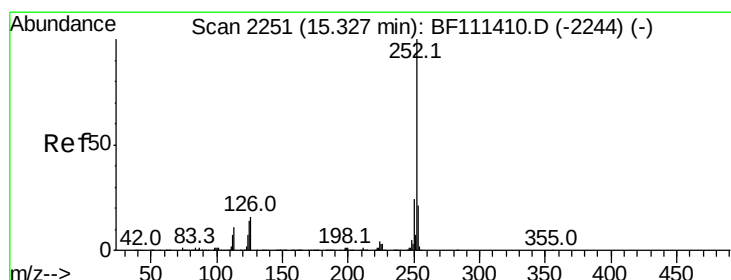
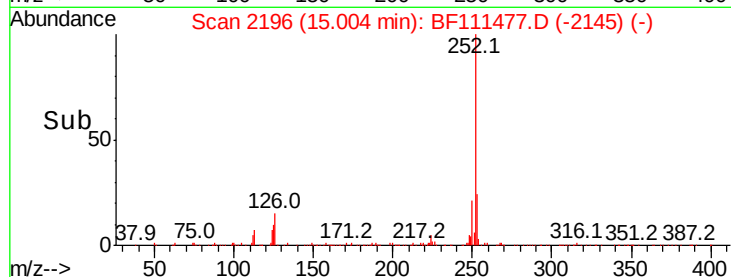
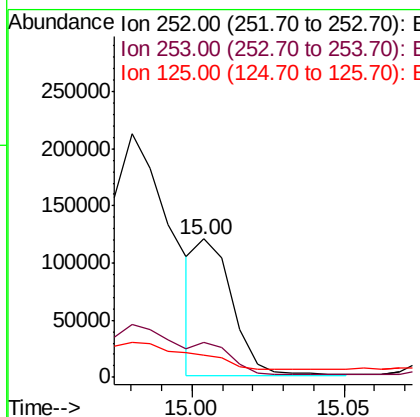
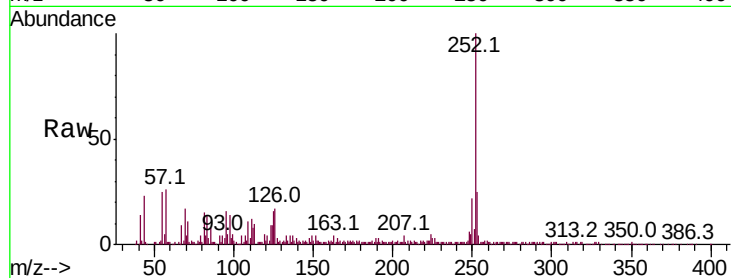
ClientSampled :

EB07-1-2

Tot Ion:	252	Resp:	99381
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.1	27.1
125	16.4	9.8	14.8#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 17.071 ng

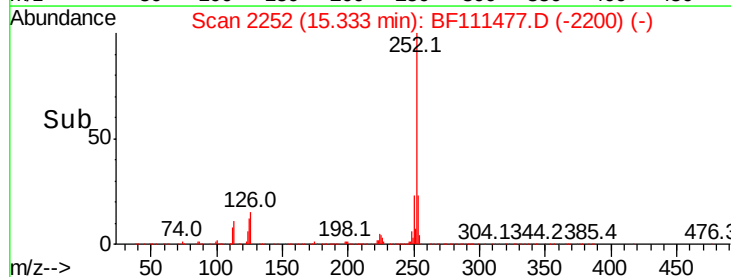
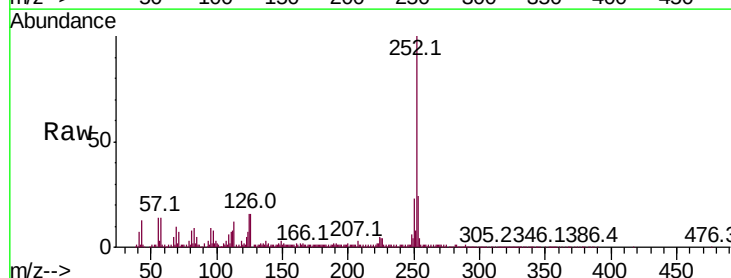
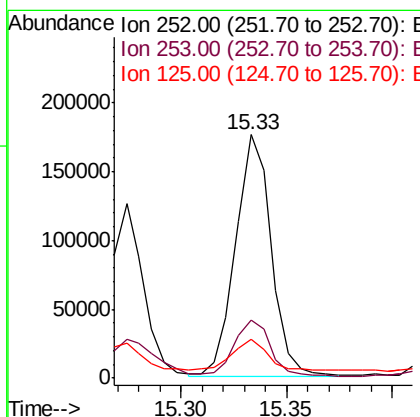
RT: 15.33 min Scan# 2252

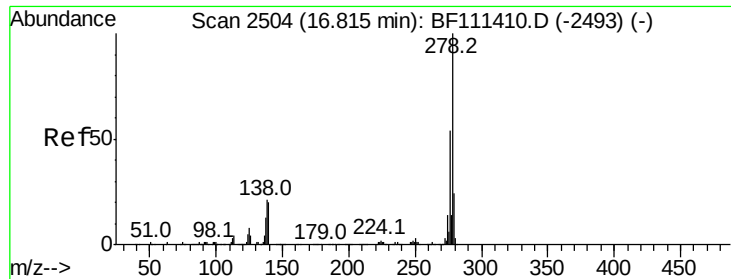
Delta R.T. 0.01 min

Lab File: BF111477.D

Acq: 15 Dec 2018 19:11

Tgt Ion:	252	Resp:	205216
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	15.7	12.3	18.5





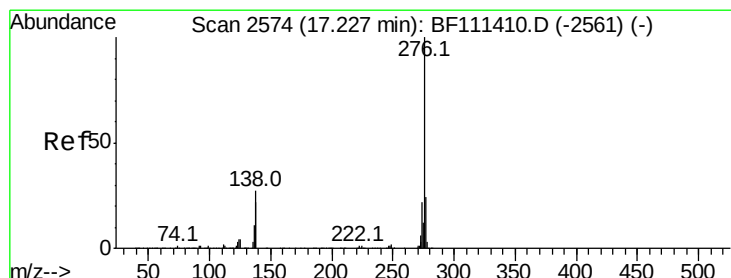
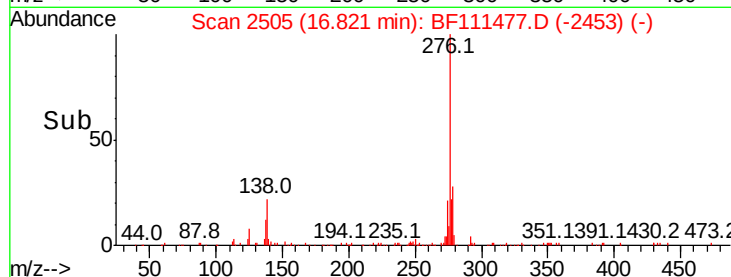
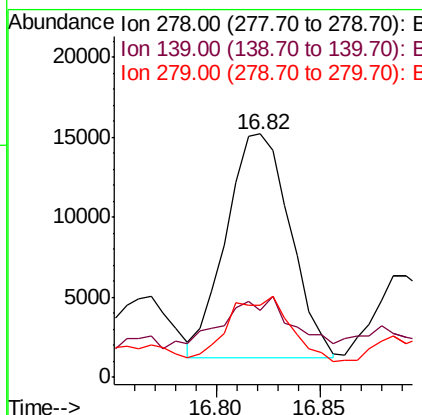
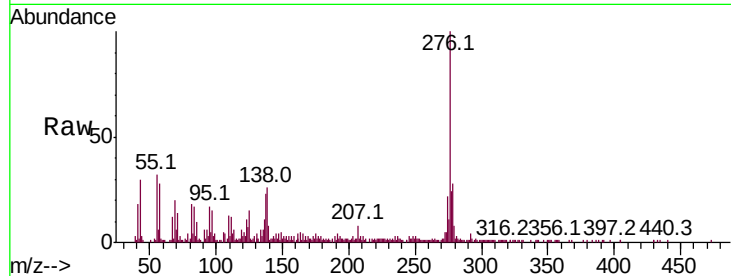
#91
Dibenzo(a,h)anthracene
Concen: 3.187 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Instrument :
BNA_F
ClientSampled :
EB07-1-2

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.5	18.2	27.4#
279	29.6	19.0	28.6#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 13.507 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111477.D
Acq: 15 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	27.9	24.9	37.3

