

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111397.D
 Acq On : 14 Dec 2018 3:49
 Operator : JU/SJ
 Sample : J6208-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
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Quant Time: Dec 14 04:18:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	245514	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1096670	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	426724	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	622881	20.00	ng	0.00
76) Chrysene-d12	13.95	240	439757	20.00	ng	0.00
87) Perylene-d12	15.39	264	333078	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1436135	98.92	ng	0.02
7) Phenol-d6	6.44	99	1820352	92.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	1322371	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	315223	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1889431	71.09	ng	0.00
79) Terphenyl-d14	12.90	244	1268880	63.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	131968	5.951	ng	98
50) Dimethylphthalate	9.55	163	226529	7.382	ng	98
71) Phenanthrene	11.33	178	592607	18.407	ng	94
72) Anthracene	11.39	178	145059	4.425	ng	95
75) Fluoranthene	12.52	202	807184	25.682	ng	98
78) Pyrene	12.75	202	715101	21.070	ng	94
81) Benzo(a)anthracene	13.94	228	311765	12.671	ng	98
83) Chrysene	13.97	228	259955	10.355	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	55476	2.785	ng	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	119011	6.062	ng	91
88) Benzo(b)fluoranthene	14.97	252	291710m	15.402	ng	
89) Benzo(k)fluoranthene	15.00	252	75632m	4.001	ng	
90) Benzo(a)pyrene	15.32	252	191727	10.872	ng	98
91) Dibenzo(a,h)anthracene	16.80	278	34435	2.347	ng	99
92) Benzo(a,h,i)perylene	17.22	276	117142	7.986	ng	98

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

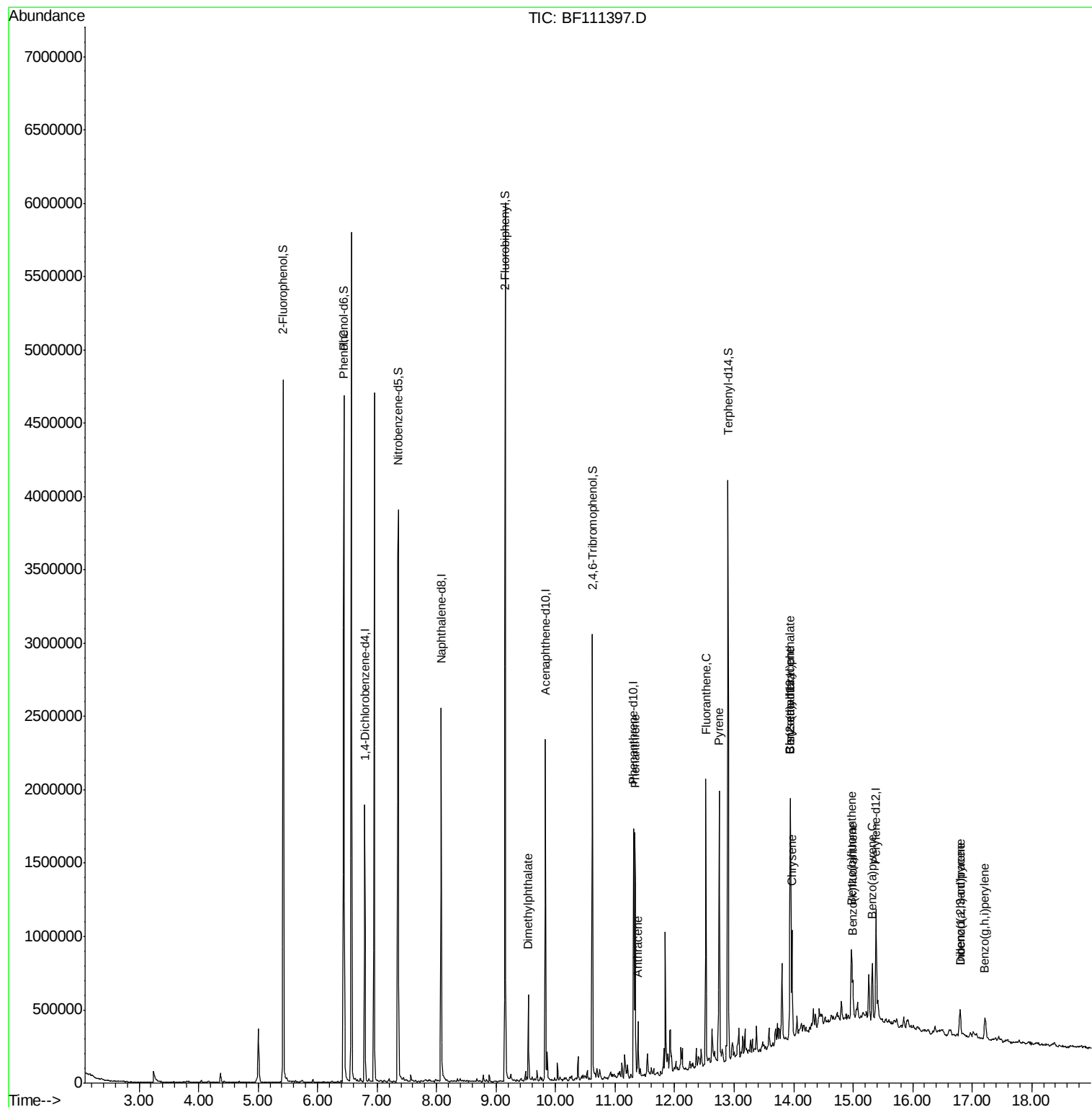
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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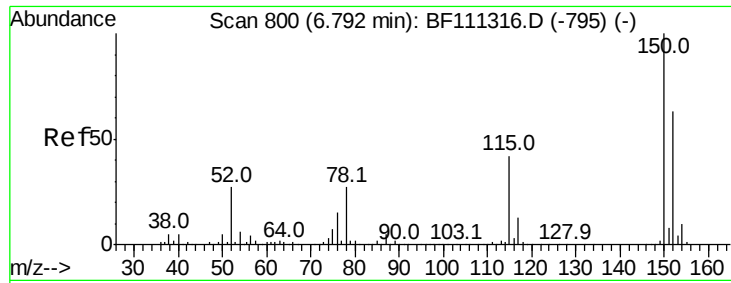
Instrument :
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Quant Time: Dec 14 04:18:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

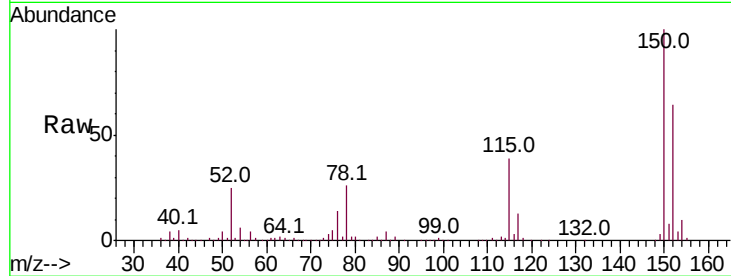
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	61.7	50.7	76.1

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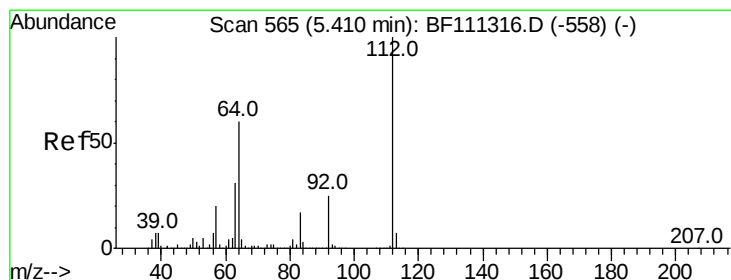
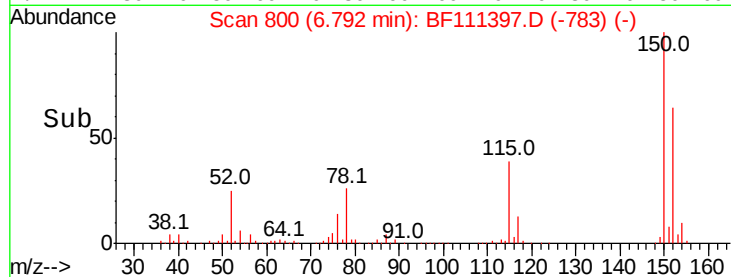
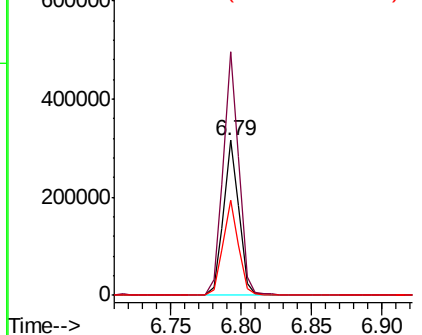


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

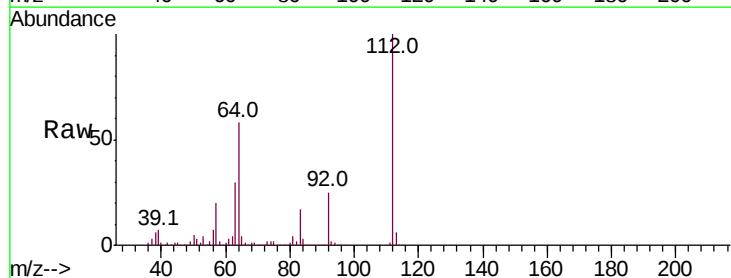
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.917 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	51.8	77.6
63	30.0	26.8	40.2

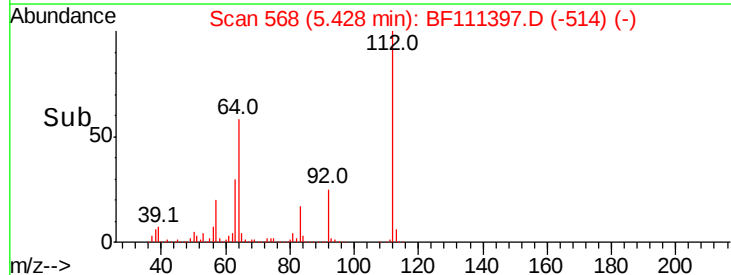
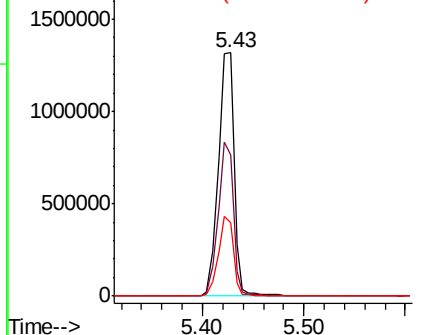


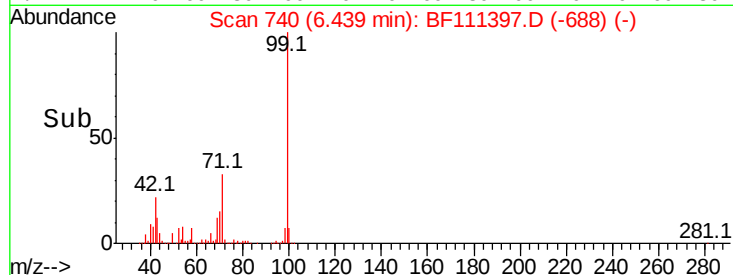
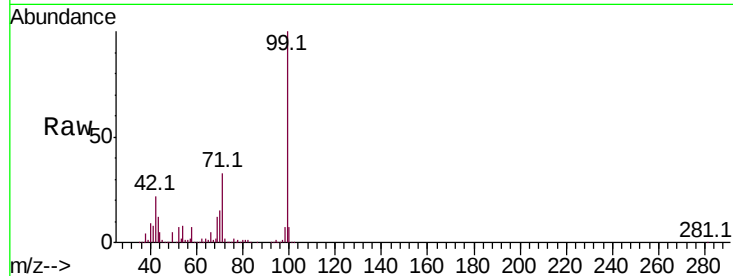
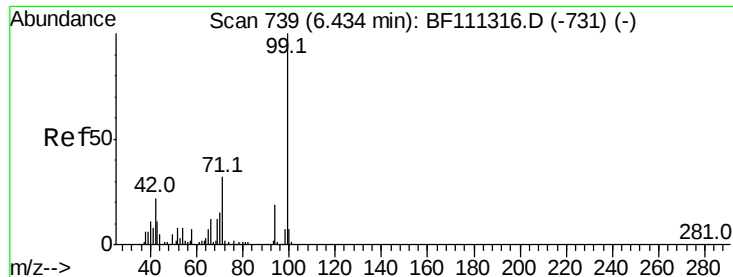
Abundance

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: 92.994 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111397.D

Acq: 14 Dec 2018 3:49

Tot Ion: 99 Resp: 1820352

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 32.8 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

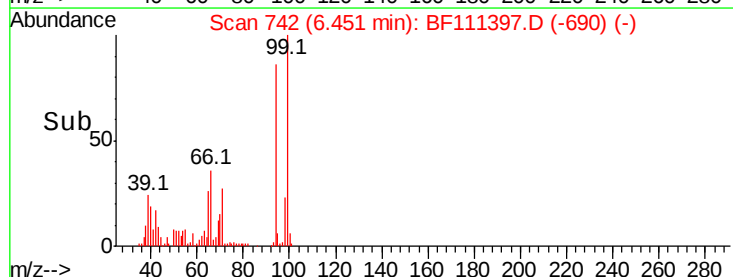
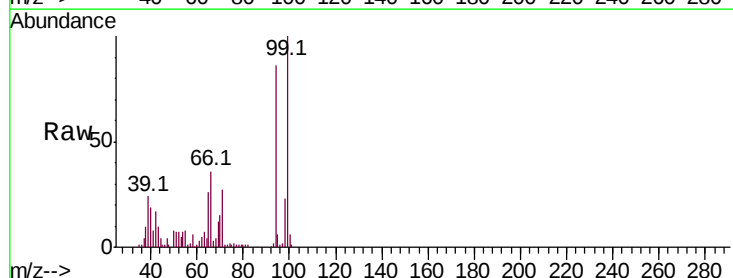
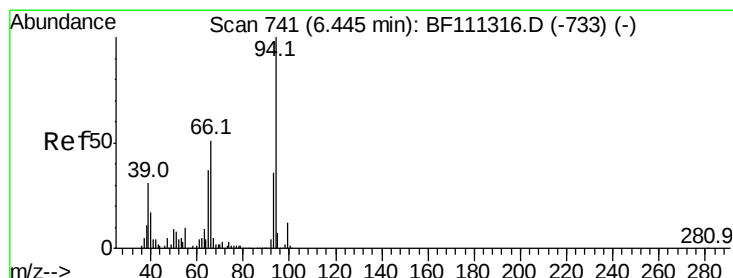
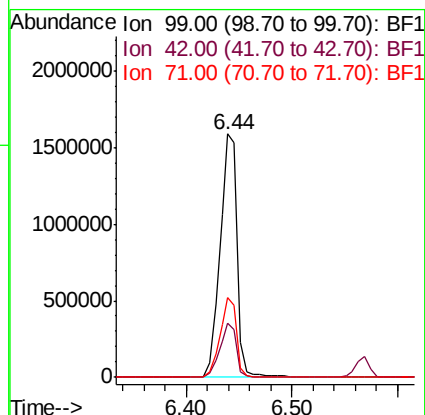
TP-6

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#10

Phenol

Concen: 5.951 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111397.D

Acq: 14 Dec 2018 3:49

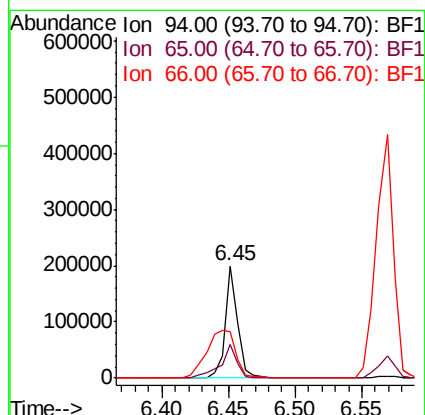
Tgt Ion: 94 Resp: 131968

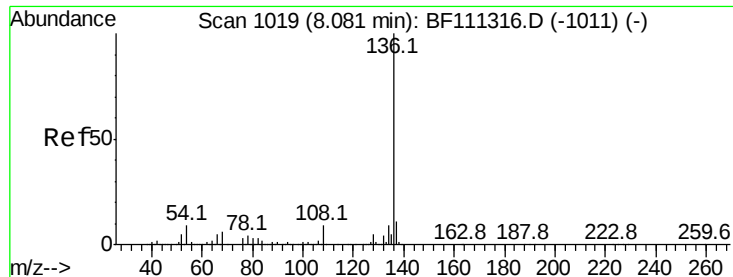
Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

66 41.5 21.0 61.0





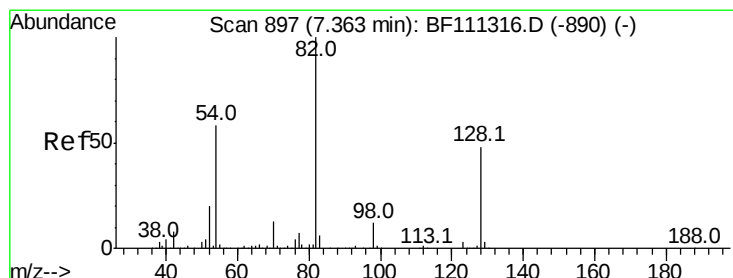
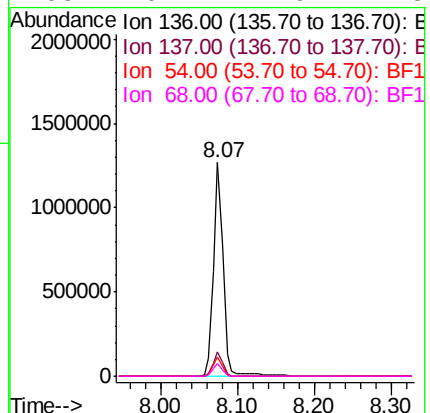
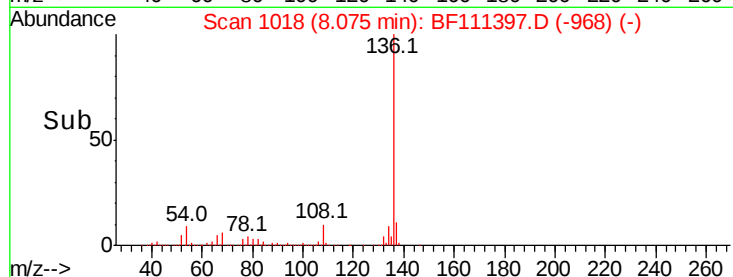
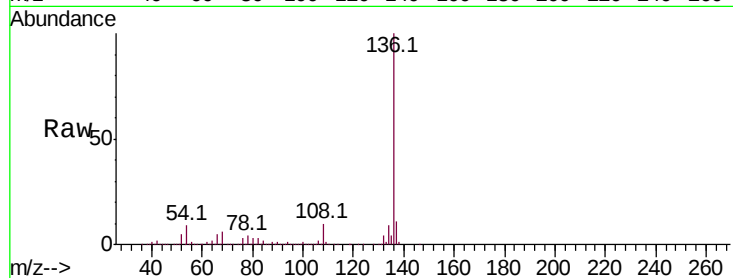
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	7.7	11.5
68	6.1	4.9	7.3

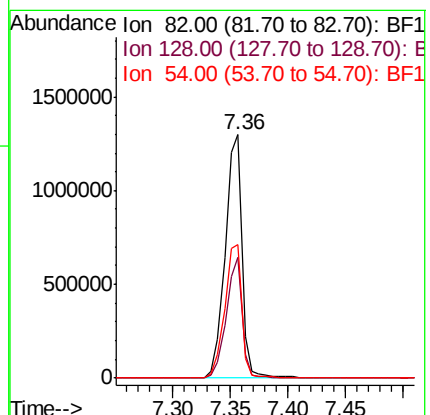
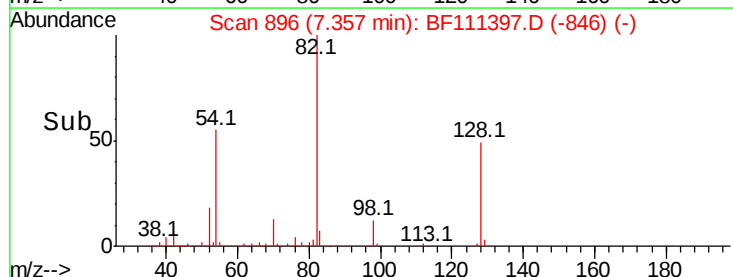
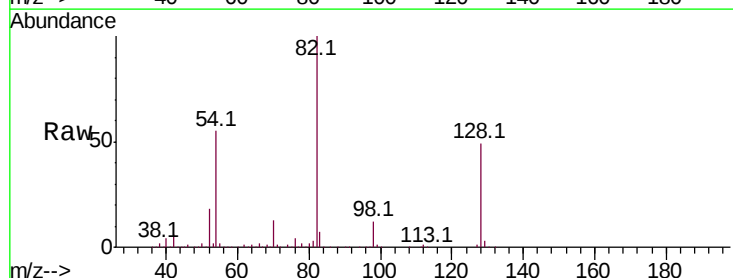
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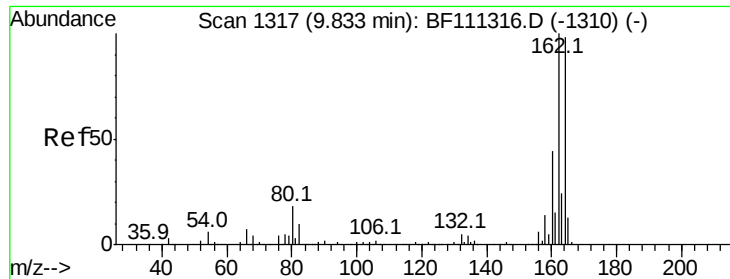
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#23
Nitrobenzene-d5
Concen: 67.963 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.4	56.2
54	55.1	47.6	71.4





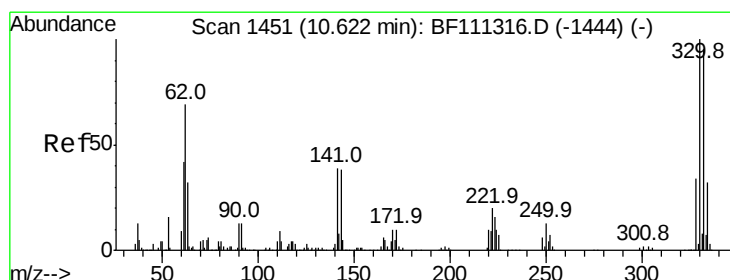
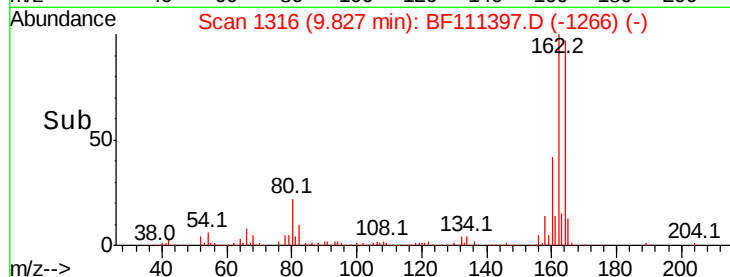
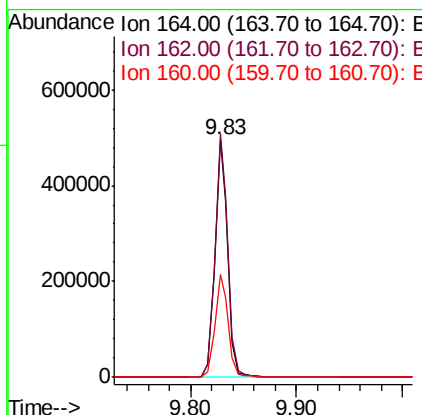
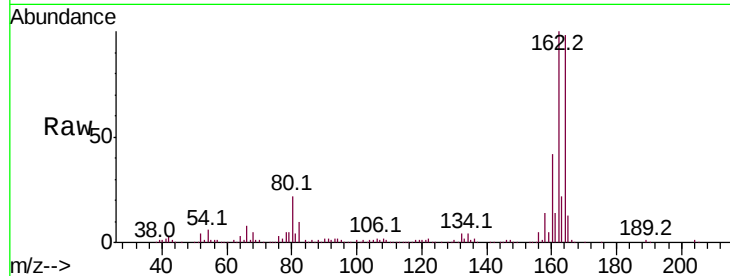
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	43.4	35.7	53.5

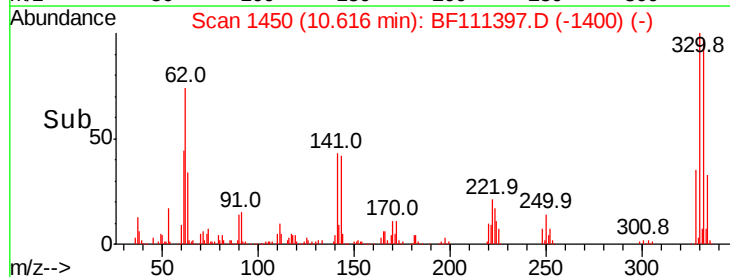
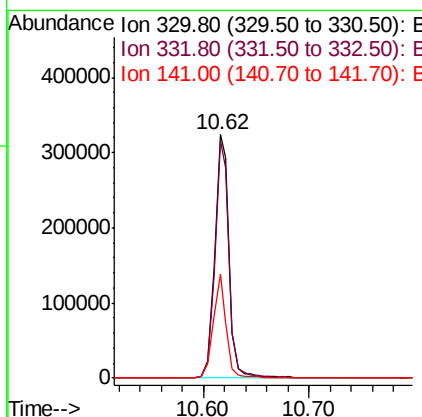
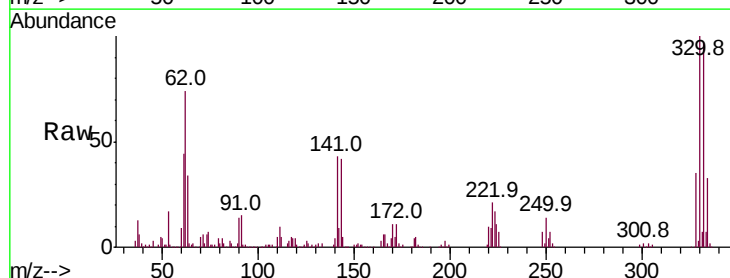
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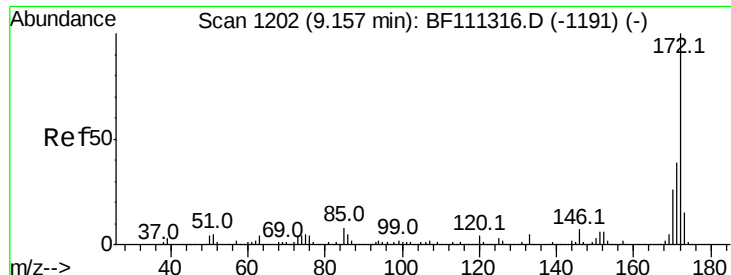
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#42
2,4,6-Tribromophenol
Concen: 83.800 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	38.4	31.0	46.6





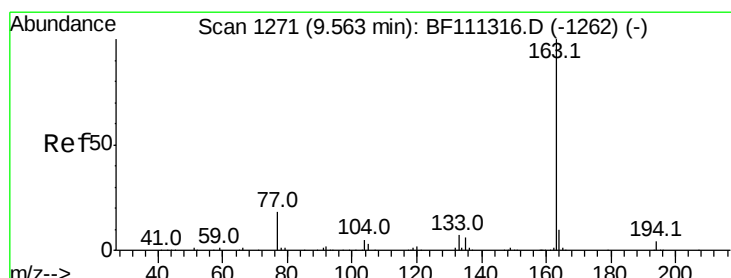
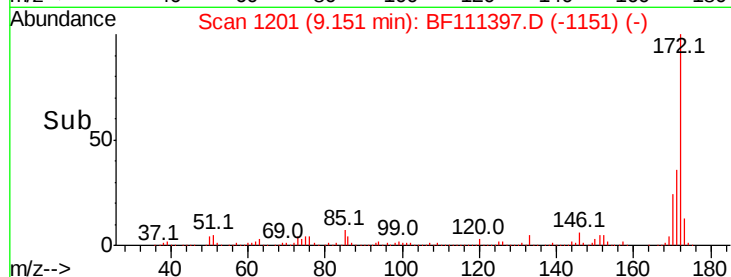
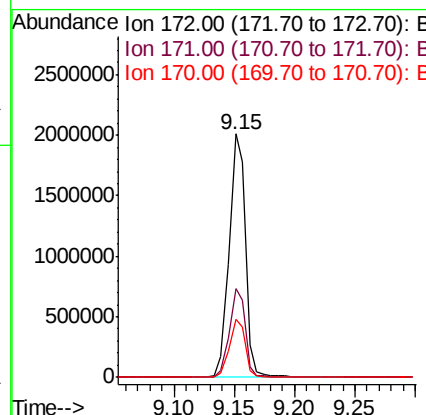
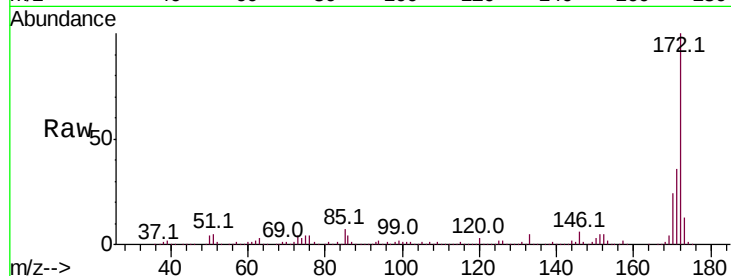
#45
2-Fluorobiphenyl
Concen: 71.087 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.0	22.3	33.5

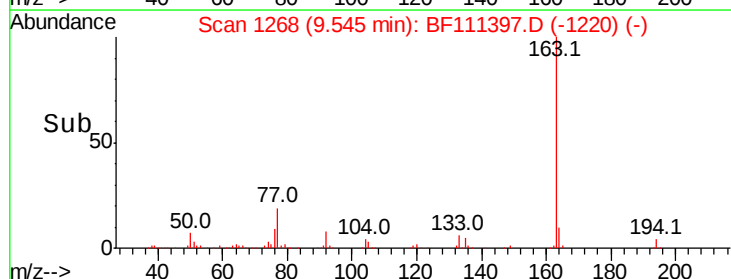
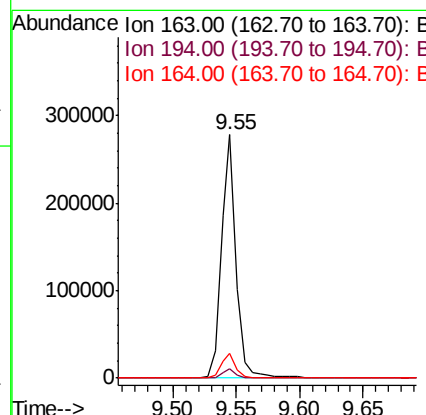
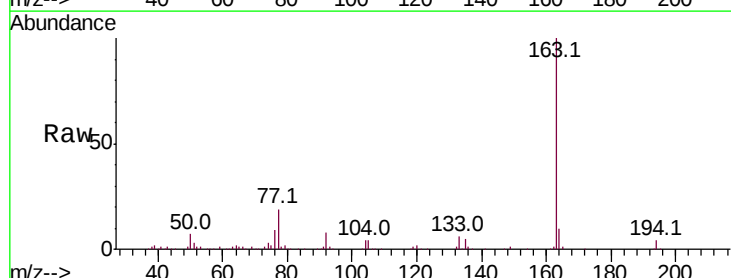
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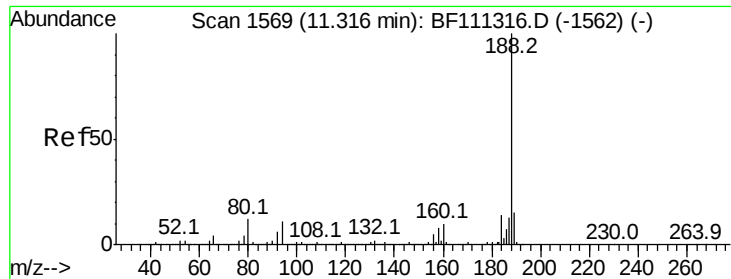
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#50
Dimethylphthalate
Concen: 7.382 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.1	8.9	13.3





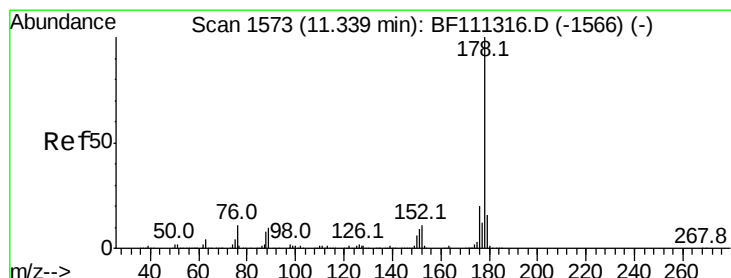
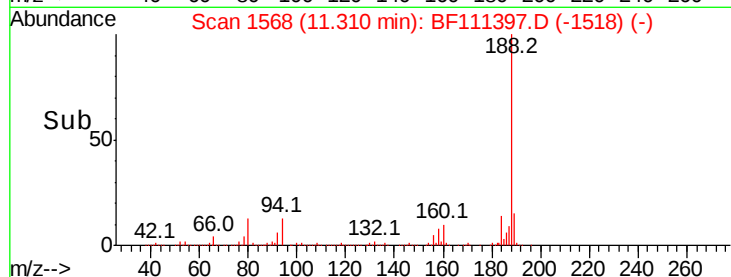
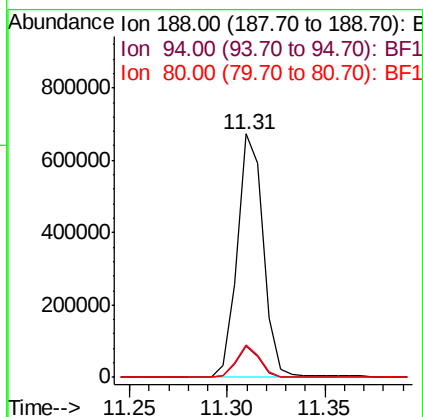
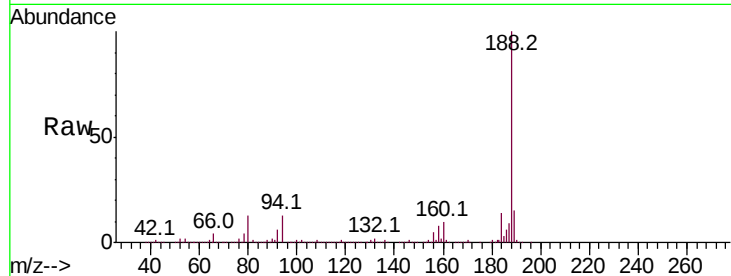
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	9.6	14.4
80	13.2	9.8	14.6

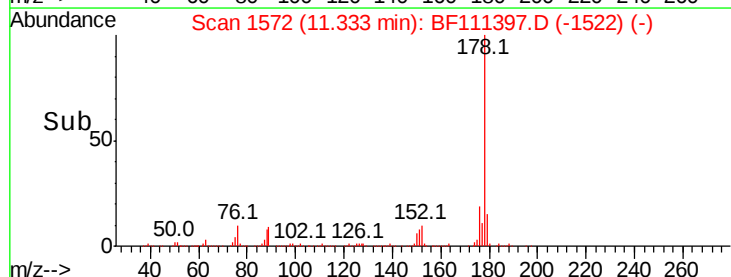
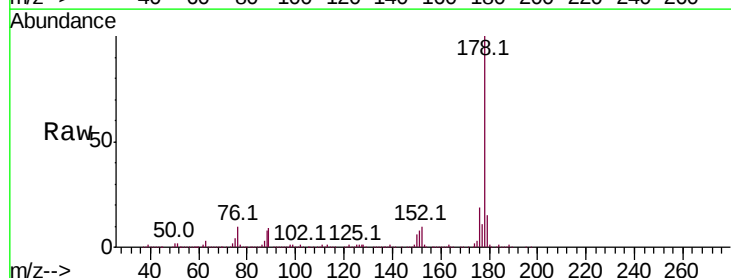
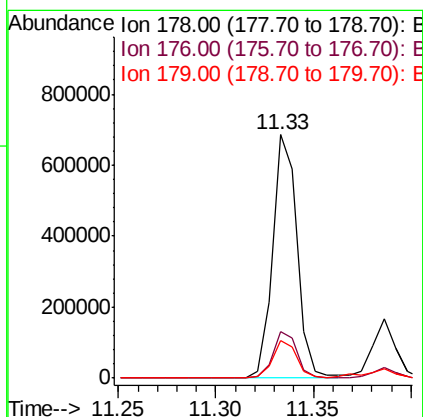
Manual Integrations
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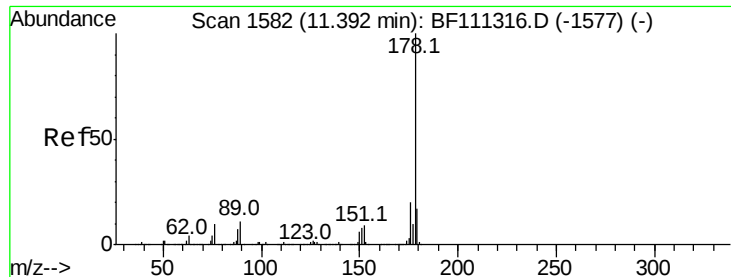
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#71
Phenanthrene
Concen: 18.407 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	18.1	27.1
179	15.4	14.0	21.0





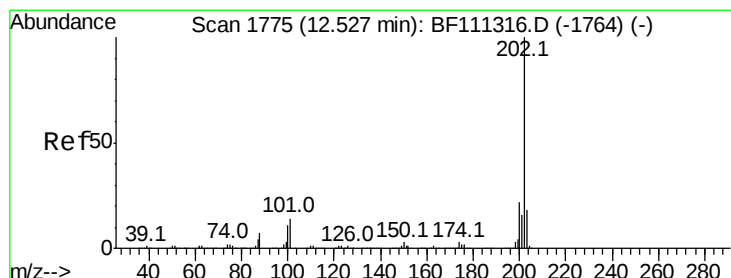
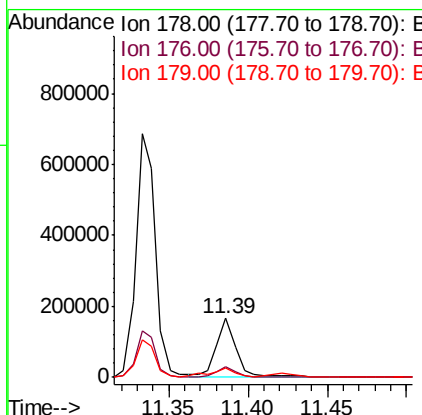
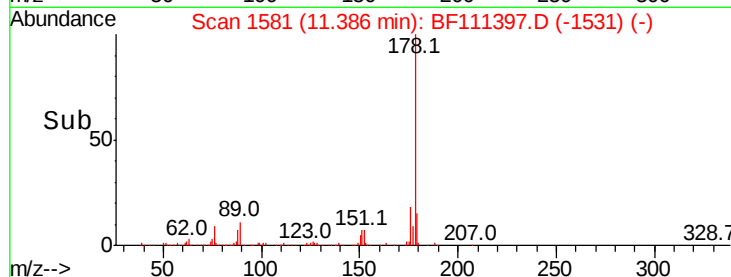
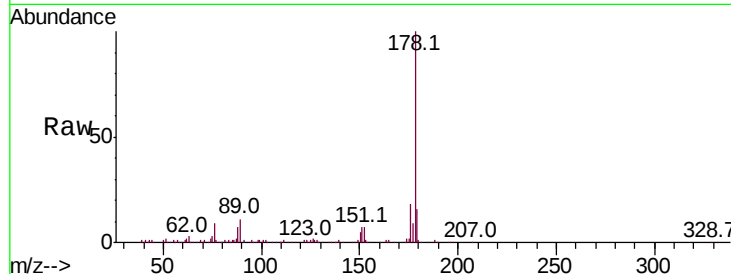
#72
 Anthracene
 Concen: 4.425 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.2	25.8
179	15.7	13.8	20.8

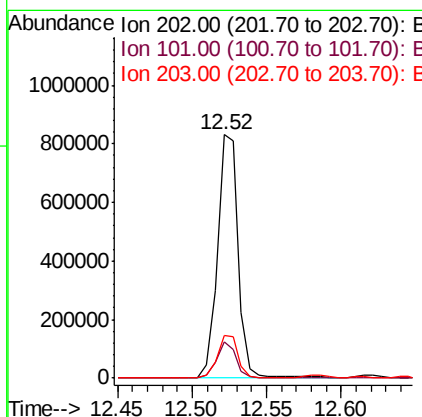
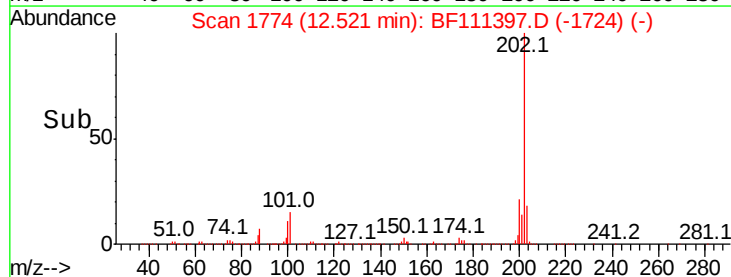
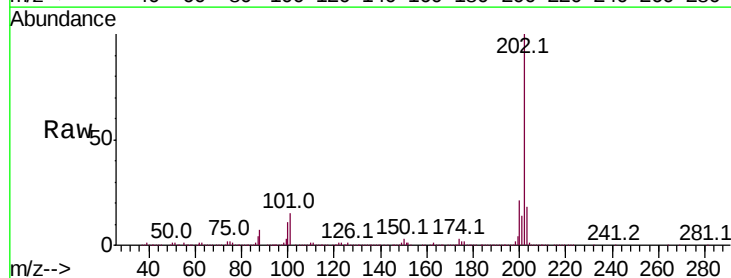
Manual Integrations
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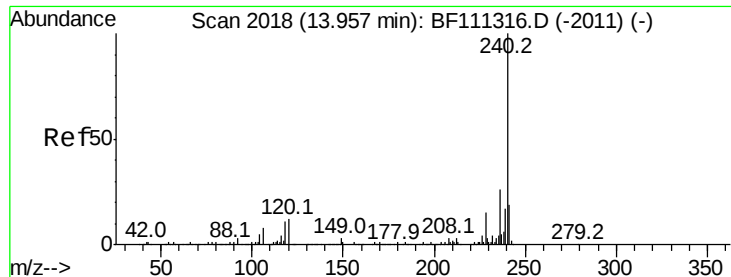
Sohil
 12/14/2018 12:54:05 PM



#75
 Fluoranthene
 Concen: 25.682 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	33.8
203	17.8	0.0	38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111397.D

Acq: 14 Dec 2018 3:49

Instrument :

BNA_F

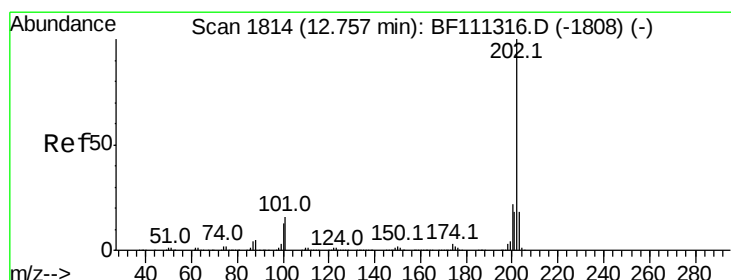
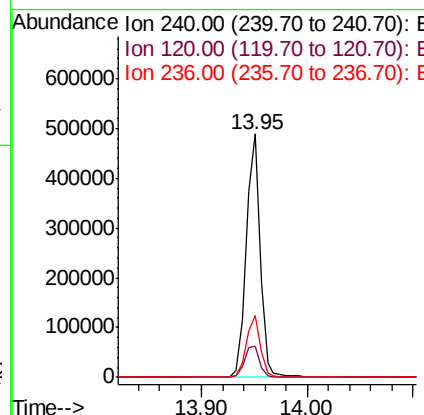
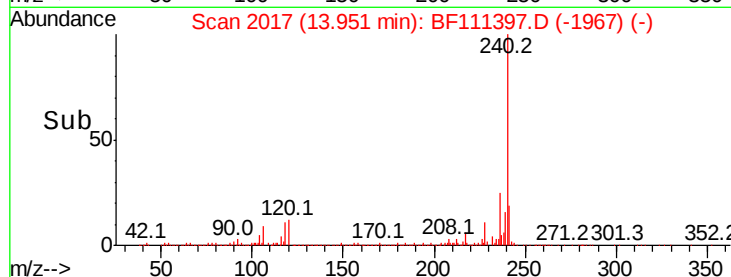
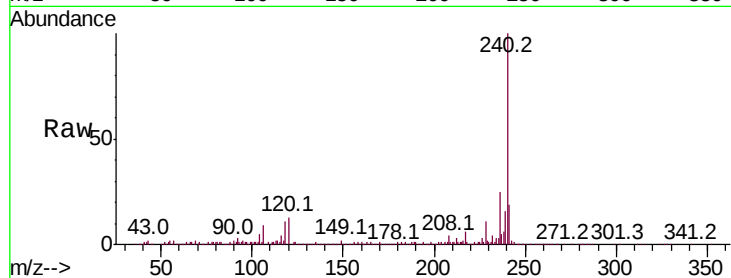
ClientSampled :

TP-6

Tot Ion:	240	Resp:	439757
Ion Ratio	Lower	Upper	
240	100		
120	12.6	12.2	18.2
236	25.2	20.2	30.2

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#78

Pyrene

Concen: 21.070 ng

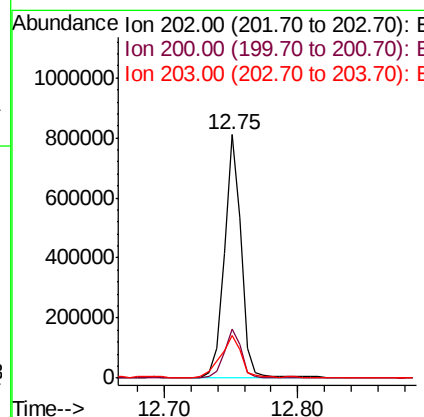
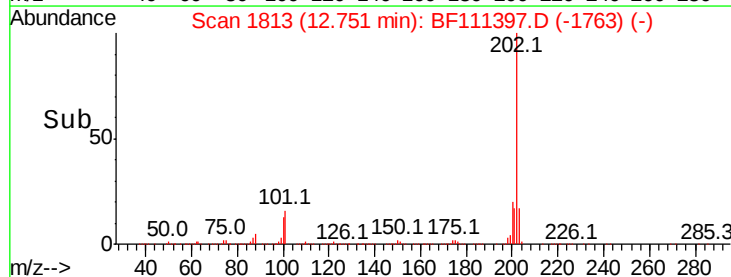
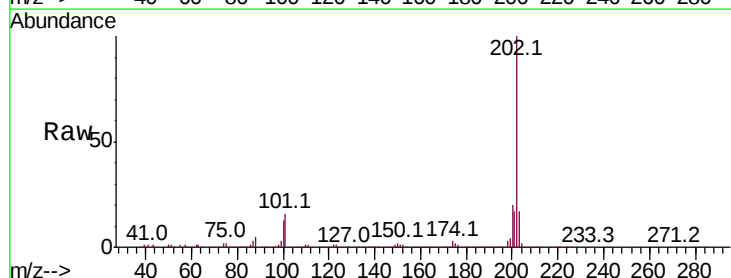
RT: 12.75 min Scan# 1813

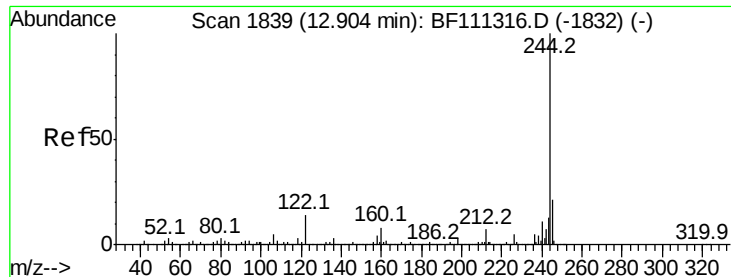
Delta R.T. -0.01 min

Lab File: BF111397.D

Acq: 14 Dec 2018 3:49

Tgt Ion:	202	Resp:	715101
Ion Ratio	Lower	Upper	
202	100		
200	20.2	19.0	28.4
203	17.4	15.2	22.8





#79
 Terphenyl-d14
 Concen: 63.506 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

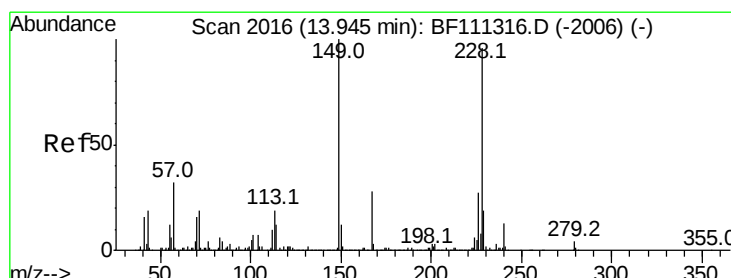
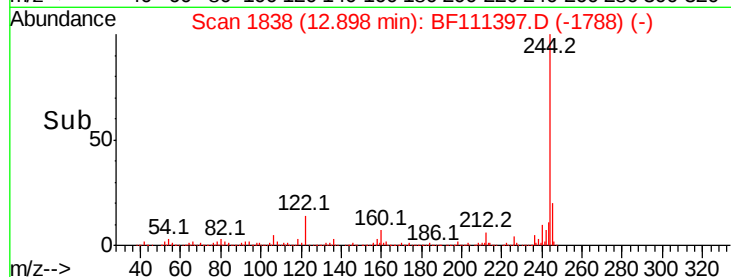
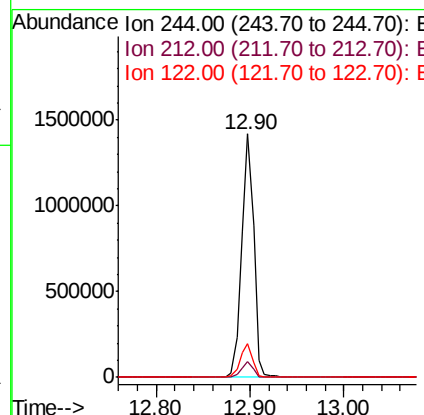
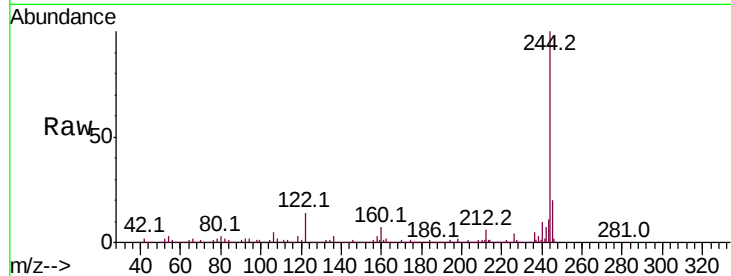
Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion:244 Resp: 1268880

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.9	13.1	19.7

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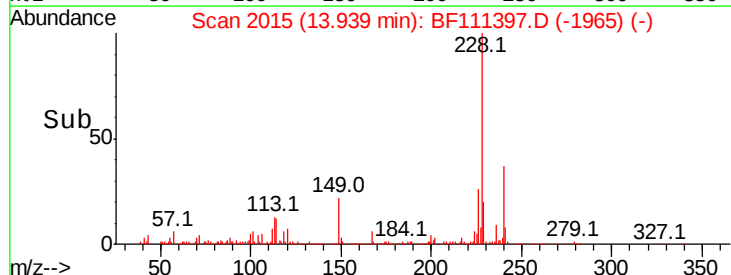
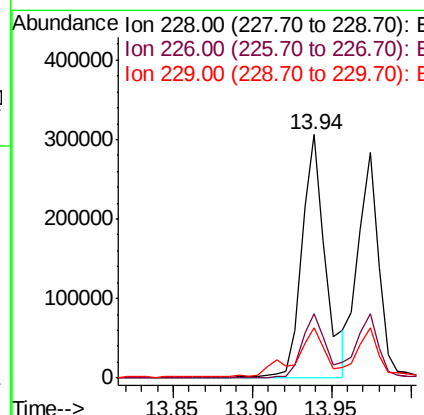
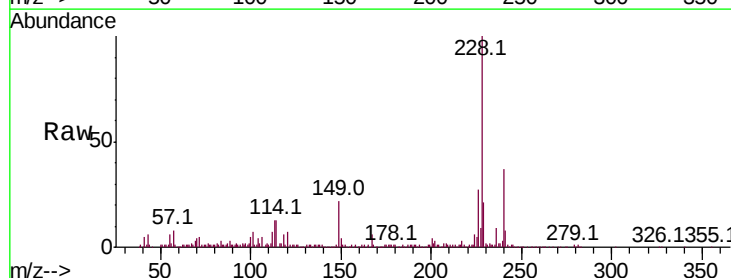
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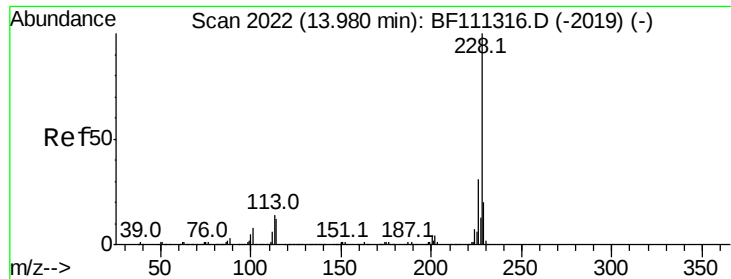


#81
 Benzo(a)anthracene
 Concen: 12.671 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

Tgt Ion:228 Resp: 311765

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	34.0
229	20.6	16.3	24.5





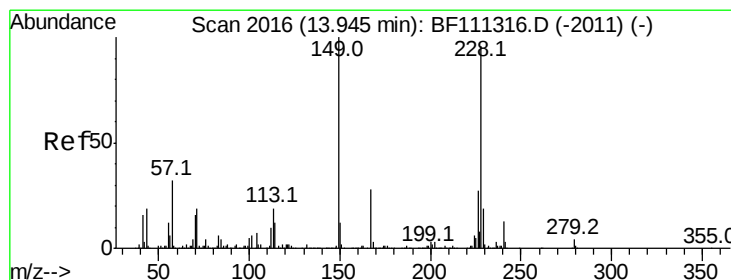
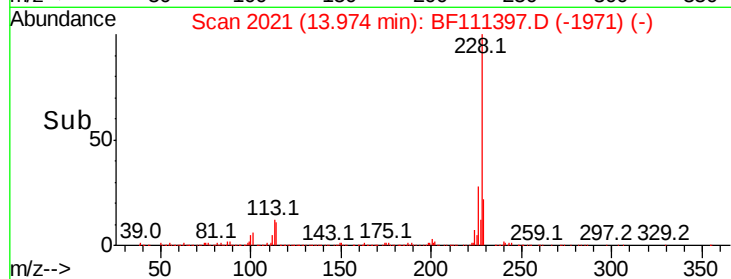
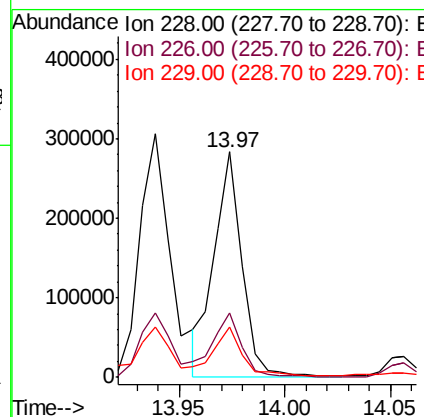
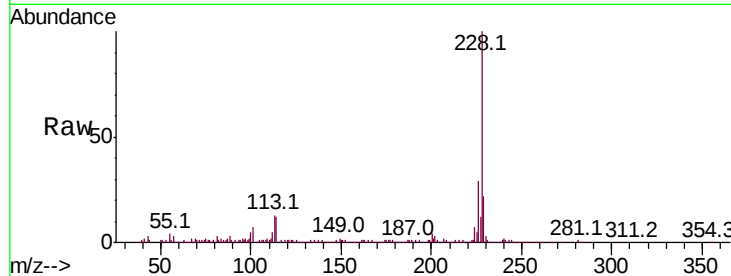
#83
 Chrysene
 Concen: 10.355 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Resp	Lower	Upper
228	100	259955		
226	28.8	25.3	37.9	
229	22.2	17.2	25.8	

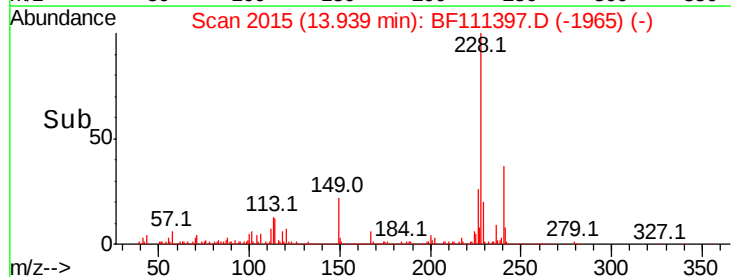
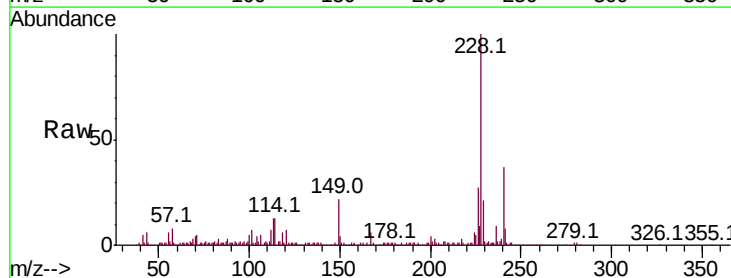
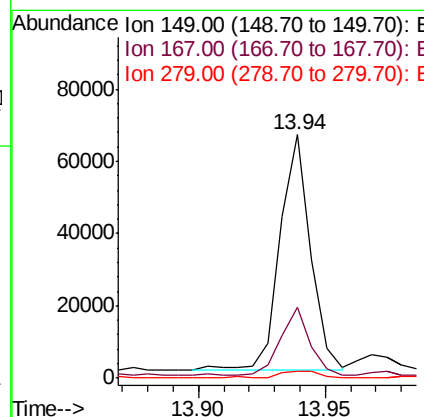
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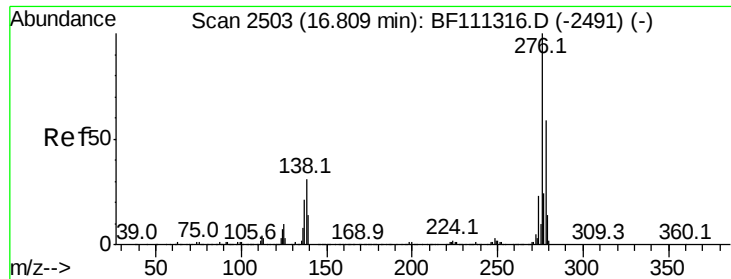
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.785 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111397.D
 Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	55476		
167	28.8	22.5	33.7	
279	2.8	2.6	4.0	





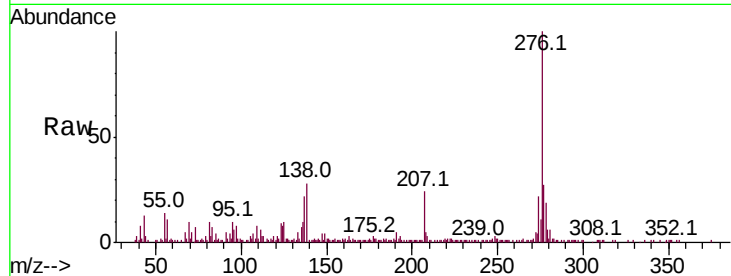
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.062 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	22.7	20.1	30.1

Manual Integrations
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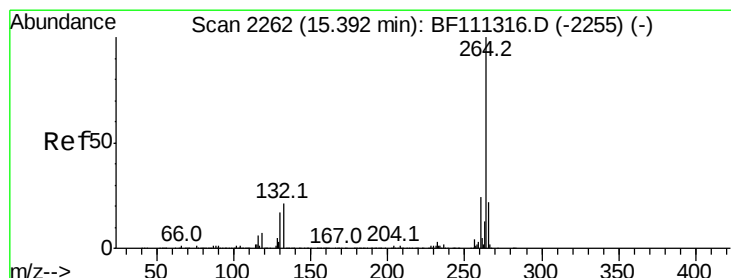
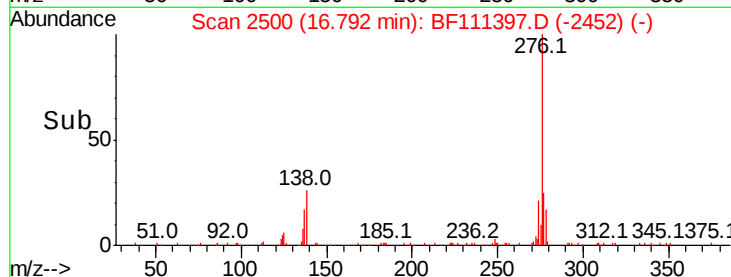
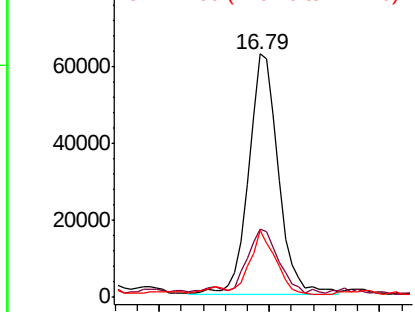


Abundance

Ion 276.00 (275.70 to 276.70): E

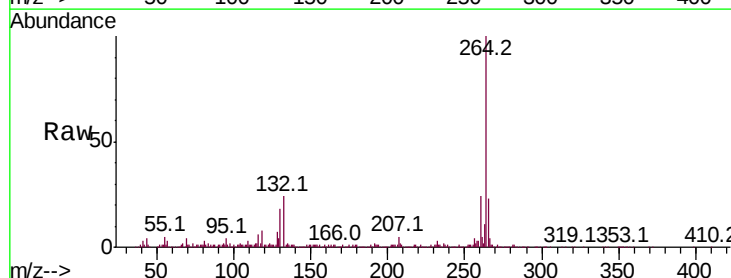
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.7	26.5

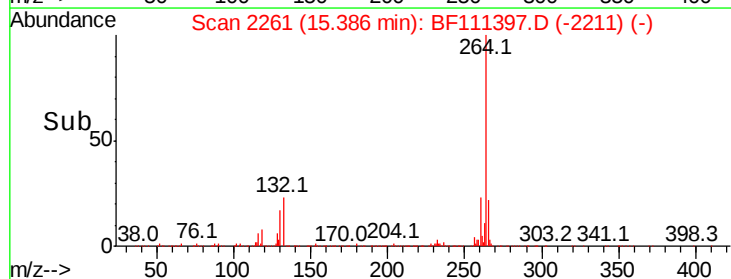
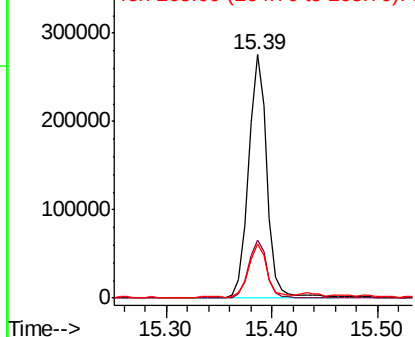


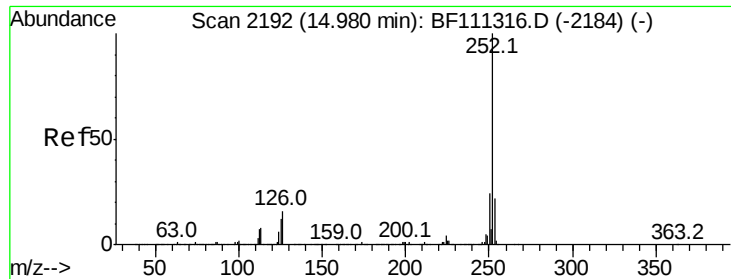
Abundance

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





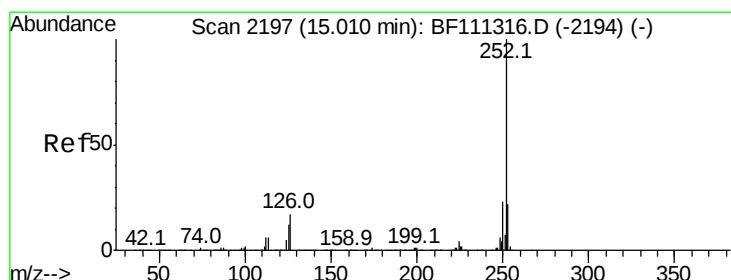
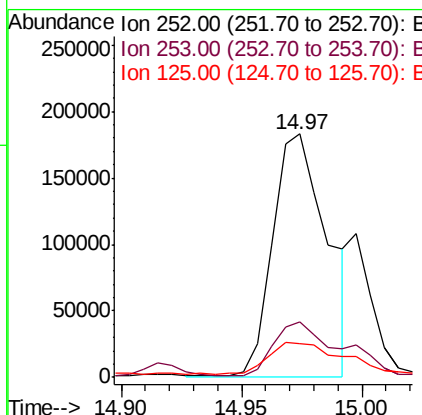
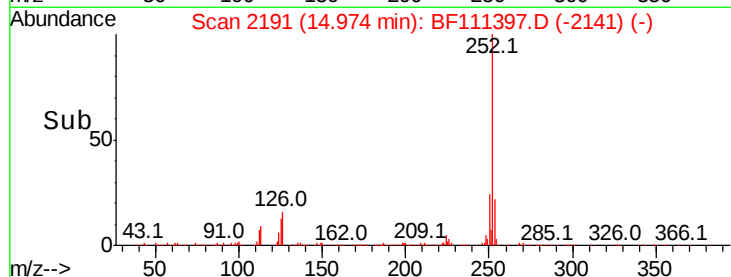
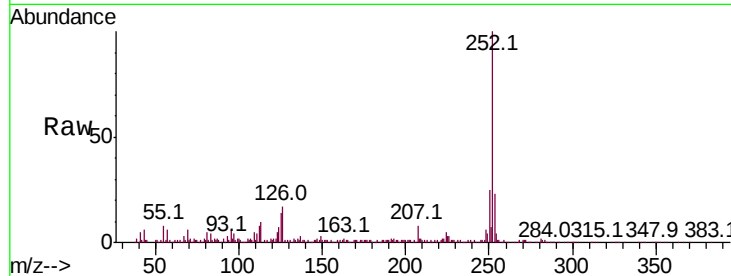
#88
Benzo(b)fluoranthene
Concen: 15.402 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	18.2	27.2
125	14.0	10.4	15.6

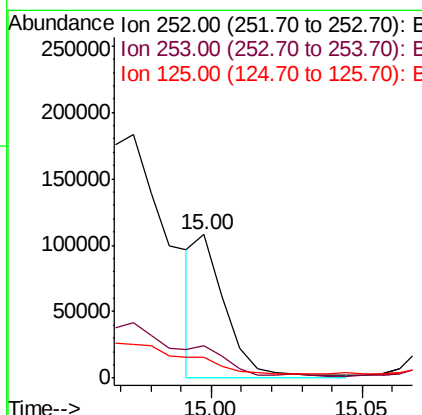
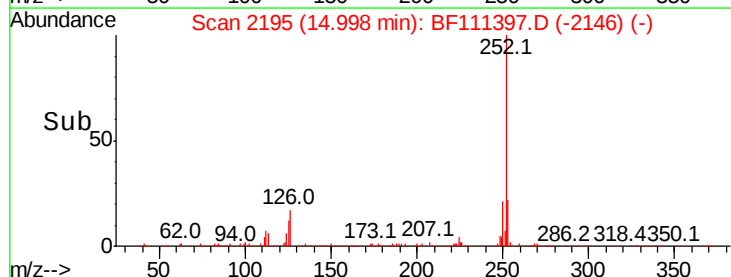
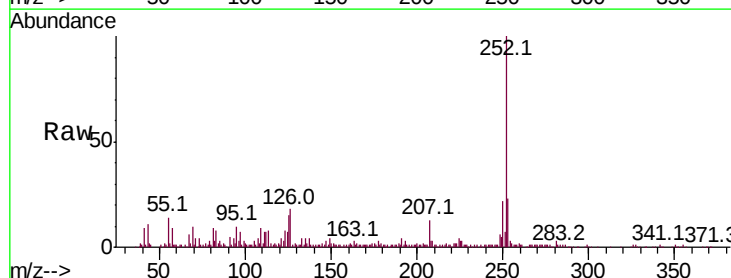
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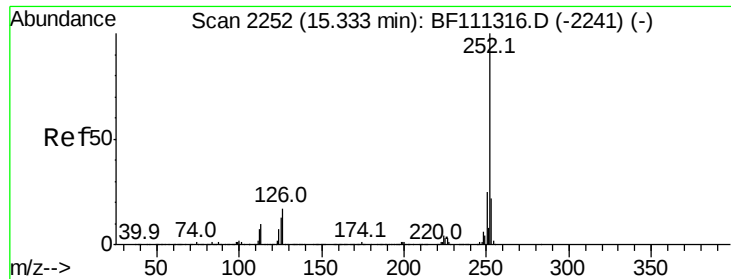
Sohil
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#89
Benzo(k)fluoranthene
Concen: 4.001 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.6	9.8	14.8





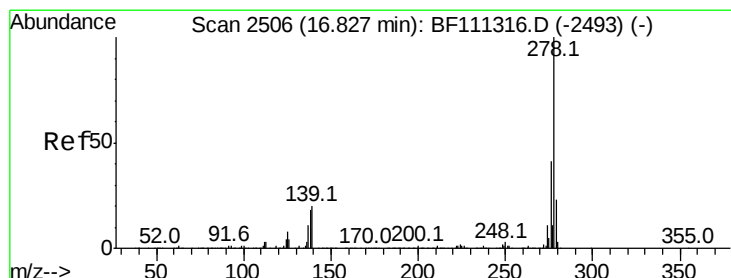
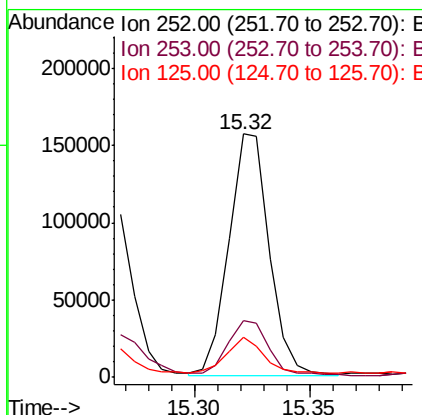
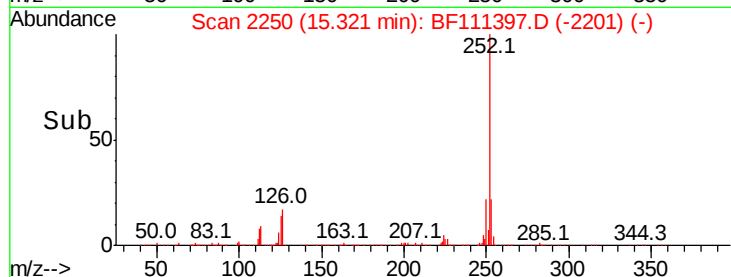
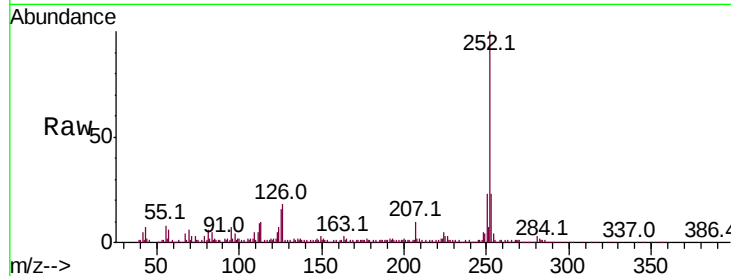
#90
Benzo(a)pyrene
Concen: 10.872 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	16.4	12.3	18.5

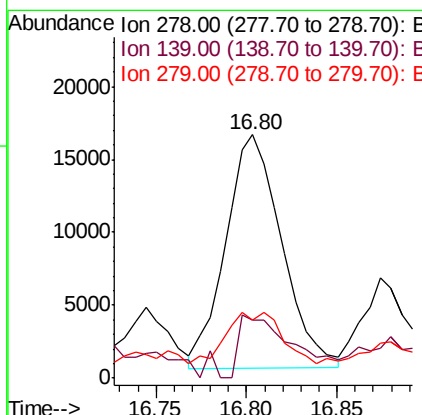
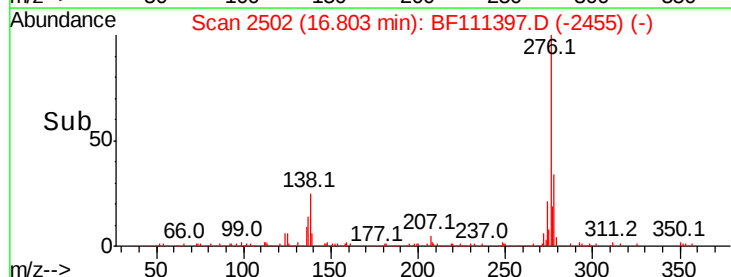
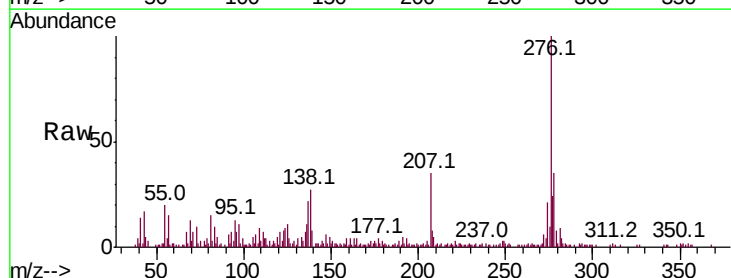
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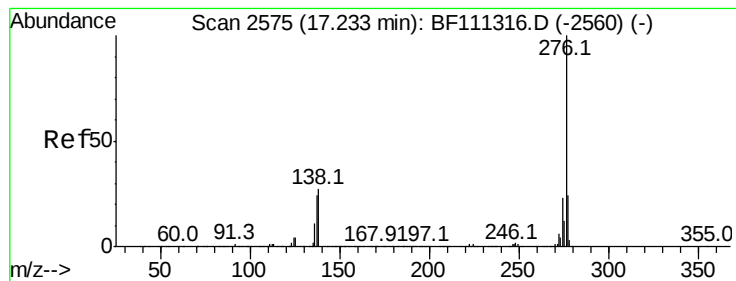
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 2.347 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.02 min
Lab File: BF111397.D
Acq: 14 Dec 2018 3:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.2	27.4
279	24.0	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 7.986 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BF111397.D

Acq: 14 Dec 2018 3:49

Instrument :

BNA_F

ClientSampleId :

TP-6

Tot Ion:	276	Resp:	117142
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.2	28.8
138	29.6	24.9	37.3

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