

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111377.D
 Acq On : 13 Dec 2018 18:41
 Operator : JU/SJ
 Sample : J6214-47RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(13-15)

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 13 21:50:54 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	249894	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	951802	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	369092	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	521321	20.00	ng	0.00
76) Chrysene-d12	13.94	240	369709	20.00	ng	-0.01
87) Perylene-d12	15.39	264	284128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1761637	119.21	ng	0.01
7) Phenol-d6	6.43	99	2244152	112.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	1368741	81.05	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	312177	95.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1992701	86.68	ng	0.00
79) Terphenyl-d14	12.90	244	1254658	74.69	ng	0.00
Target Compounds						
10) Phenol	6.45	94	133428	5.912	ng	89
50) Dimethylphthalate	9.55	163	214843	8.095	ng	96
71) Phenanthrene	11.33	178	120324	4.465	ng	93
72) Anthracene	11.39	178	55655m	2.028	ng	
75) Fluoranthene	12.52	202	275587	10.476	ng	98
78) Pyrene	12.75	202	265249	9.296	ng	95
81) Benzo(a)anthracene	13.94	228	142247	6.877	ng	93
83) Chrysene	13.97	228	130718	6.194	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	45311	2.745	ng	94
88) Benzo(b)fluoranthene	14.98	252	133246m	8.247	ng	
89) Benzo(k)fluoranthene	15.00	252	37943m	2.353	ng	
90) Benzo(a)pyrene	15.33	252	92882	6.174	ng	# 96
92) Benzo(a,h,i)perylene	17.23	276	40554	3.241	ng	95

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

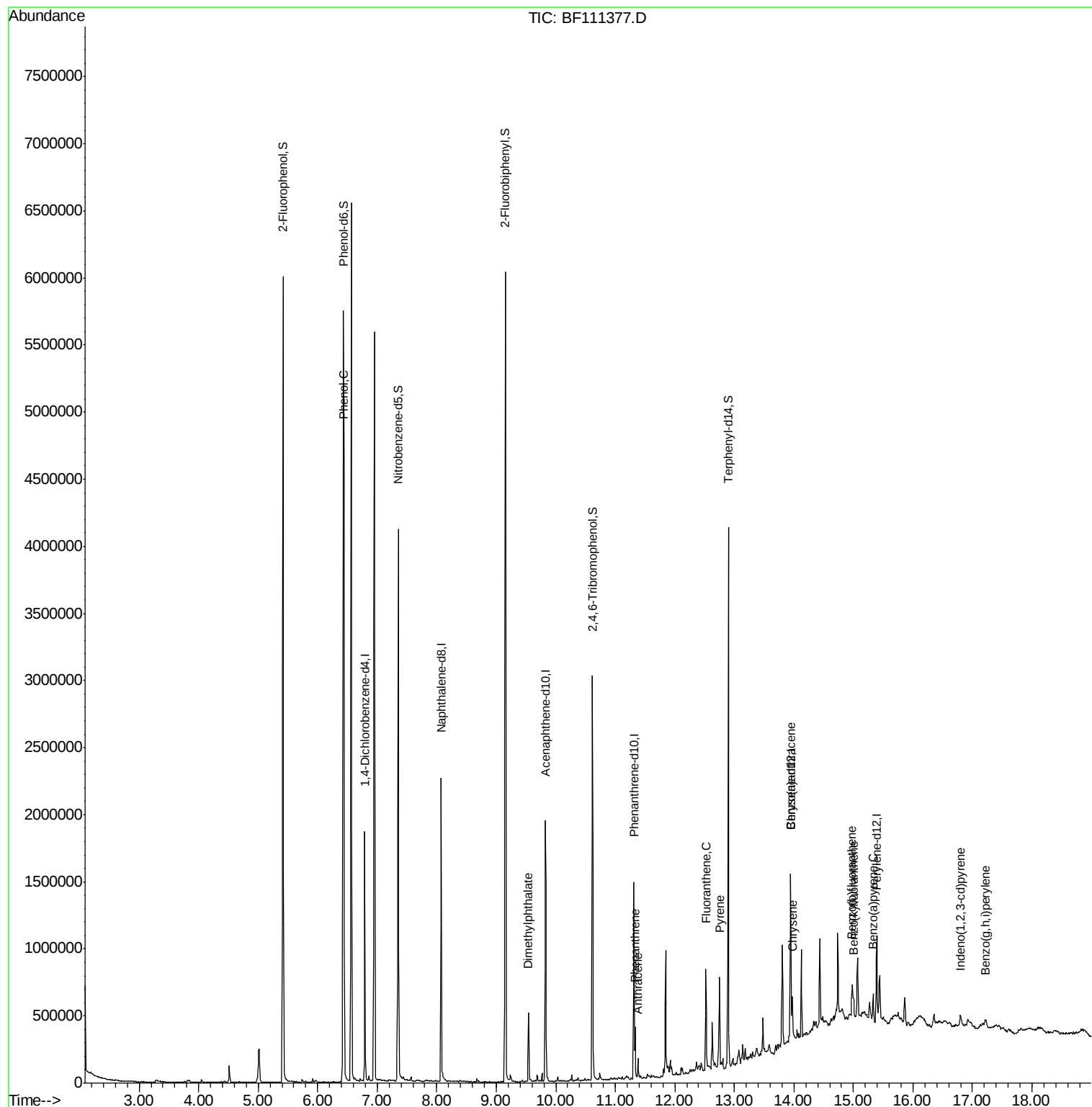
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111377.D
Acq On : 13 Dec 2018 18:41
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Sample : J6214-47RE
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ALS Vial : 7 Sample Multiplier: 1

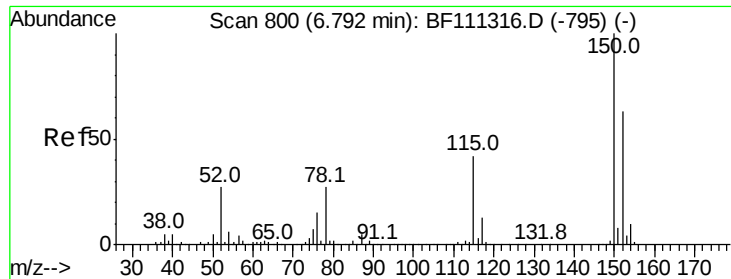
Instrument :
BNA_F
ClientSampled :
SB-6(13-15)

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Quant Time: Dec 13 21:50:54 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

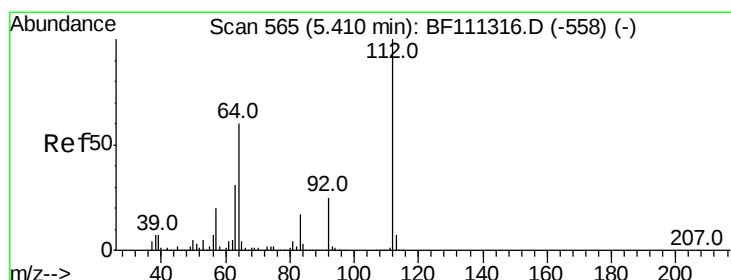
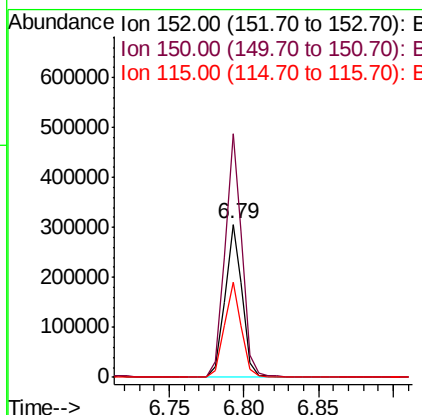
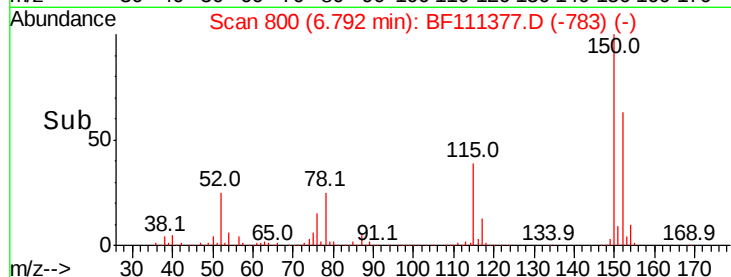
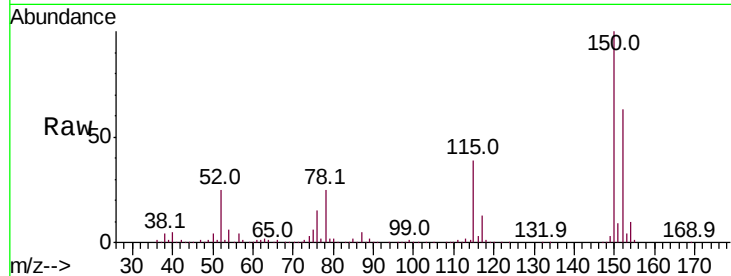
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	62.3	50.7	76.1

Manual Integrations
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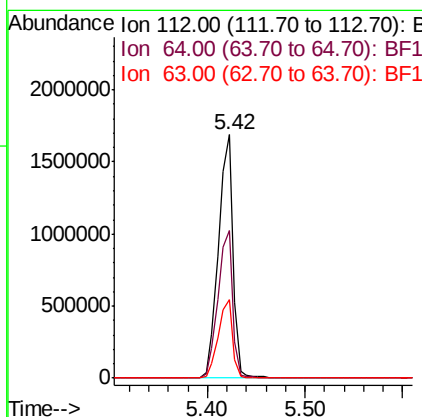
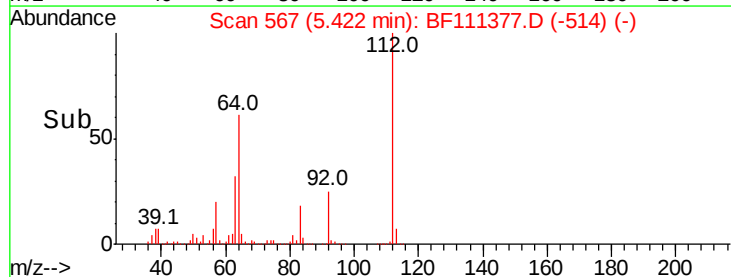
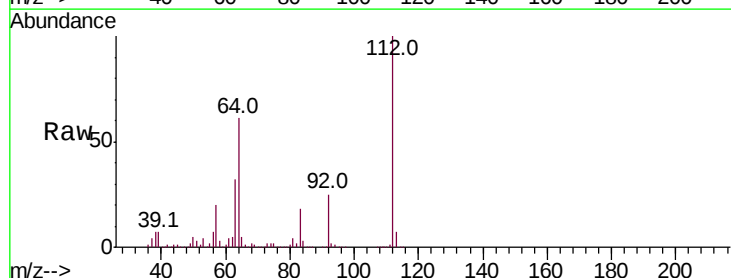
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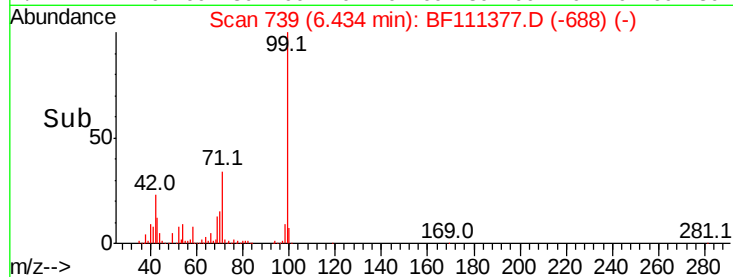
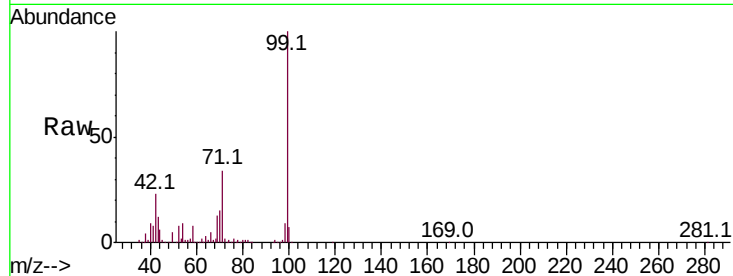
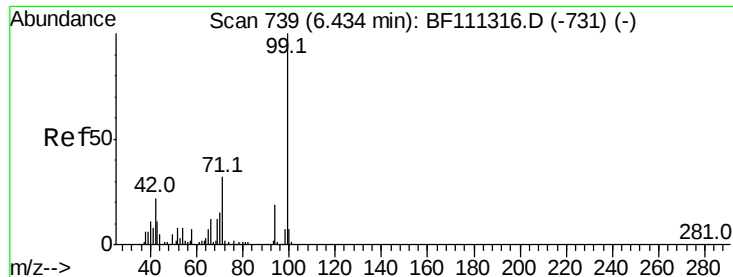


#5

2-Fluorophenol
Concen: 119.210 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.8	77.6
63	32.1	26.8	40.2





#7

Phenol-d6

Concen: 112.634 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111377.D

Acq: 13 Dec 2018 18:41

Tot Ion: 99 Resp: 2244152

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 33.7 26.1 39.1

Instrument :

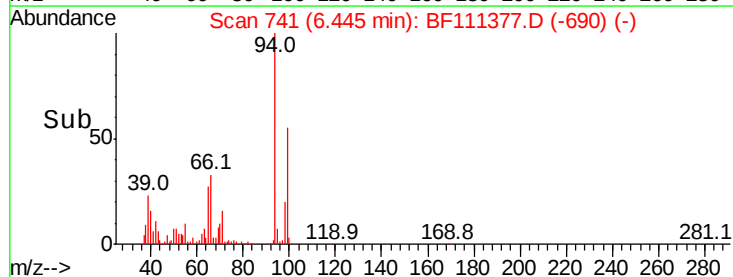
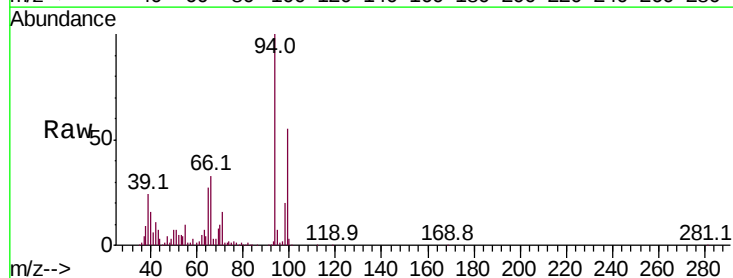
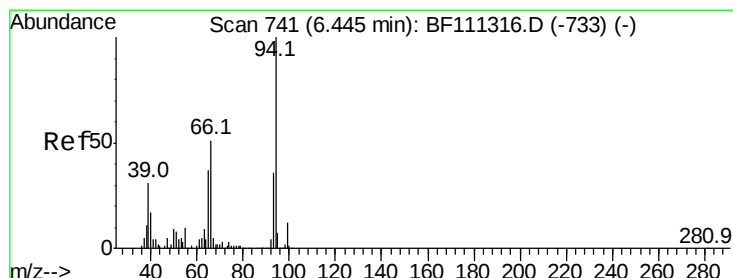
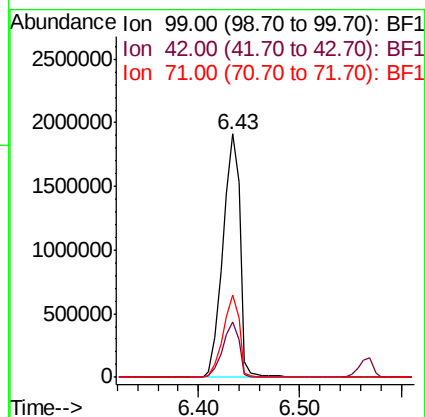
BNA_F

ClientSampleId :

SB-6(13-15)

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#10

Phenol

Concen: 5.912 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111377.D

Acq: 13 Dec 2018 18:41

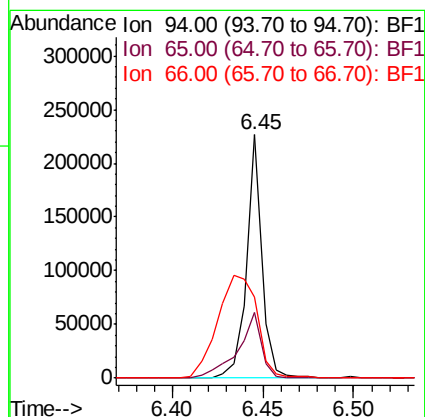
Tgt Ion: 94 Resp: 133428

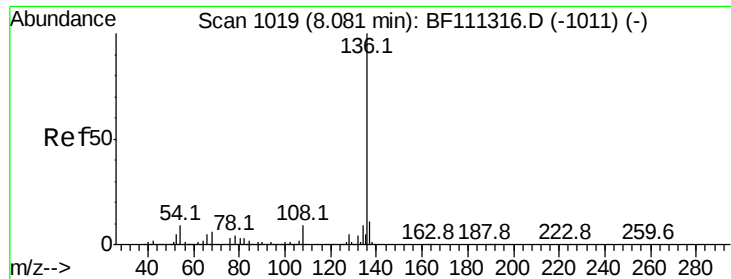
Ion Ratio Lower Upper

94 100

65 26.9 11.7 51.7

66 33.5 21.0 61.0





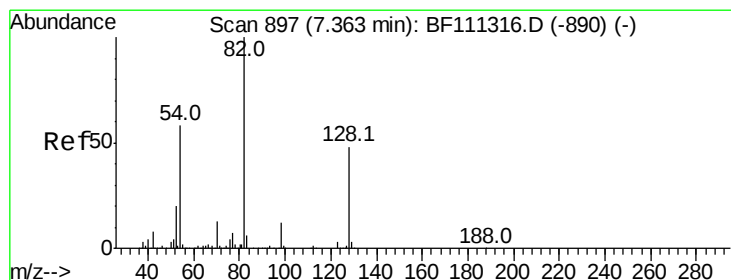
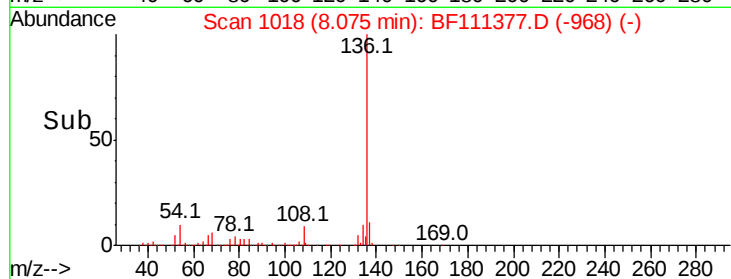
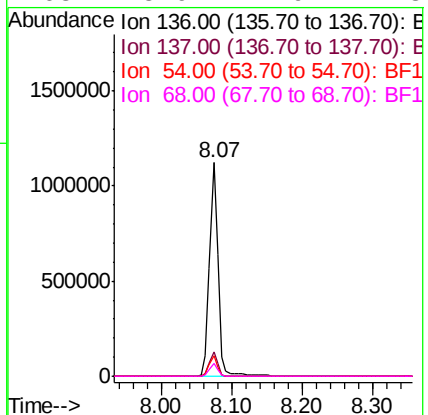
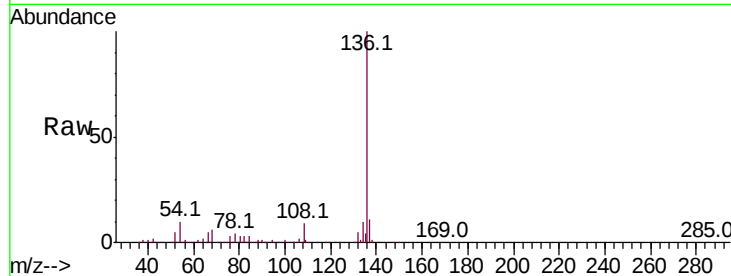
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	951802		
137	11.3	9.1	13.7	
54	9.6	7.7	11.5	
68	5.9	4.9	7.3	

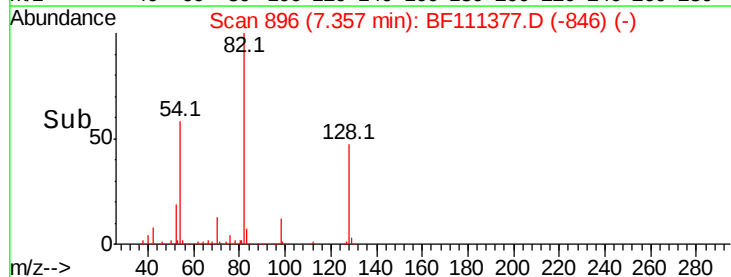
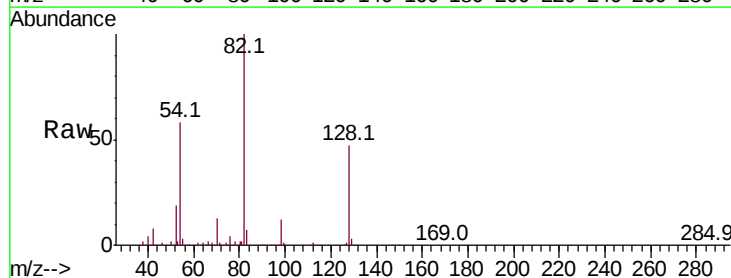
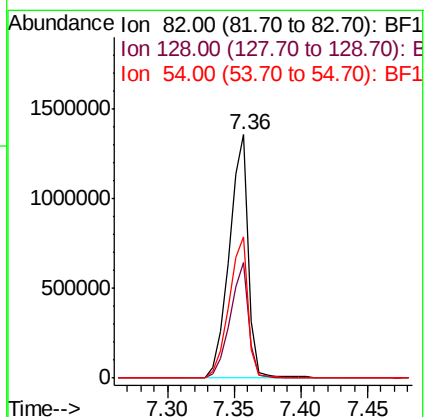
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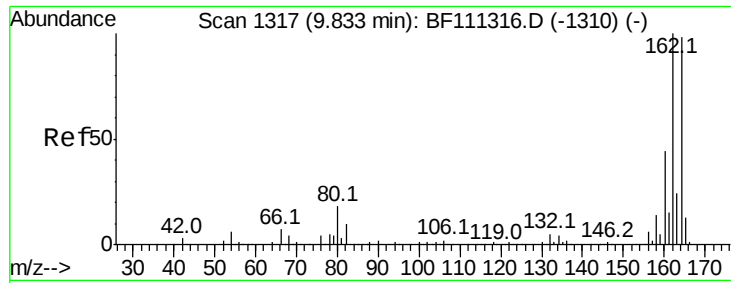
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#23
Nitrobenzene-d5
Concen: 81.053 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1368741		
128	47.3	37.4	56.2	
54	58.1	47.6	71.4	





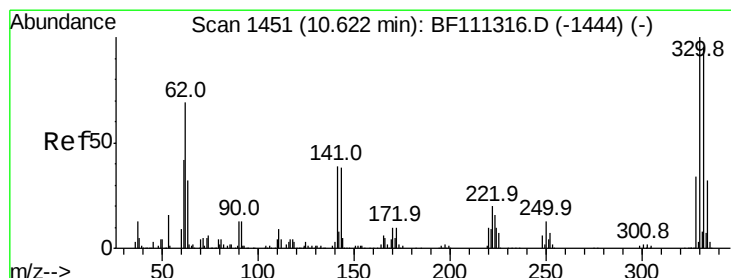
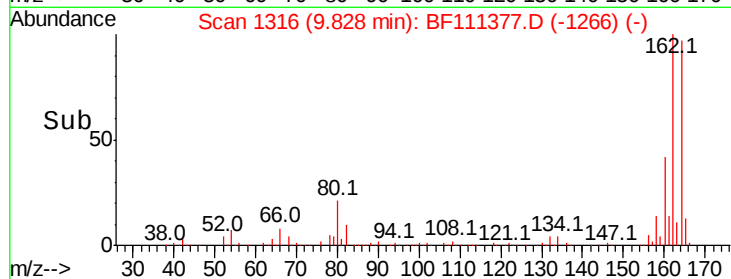
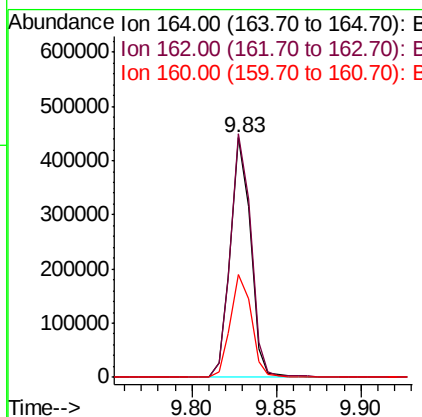
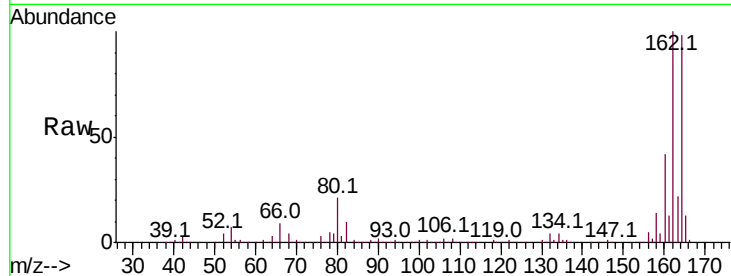
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	369092		
162	101.6	81.4	122.0	
160	42.9	35.7	53.5	

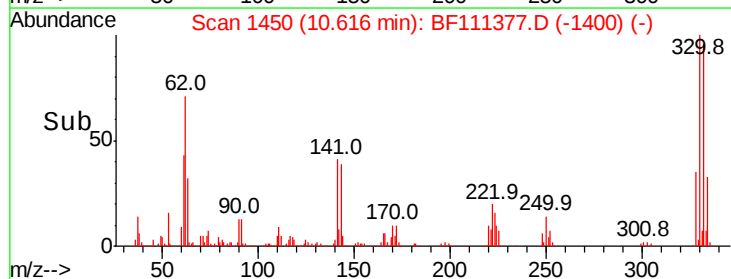
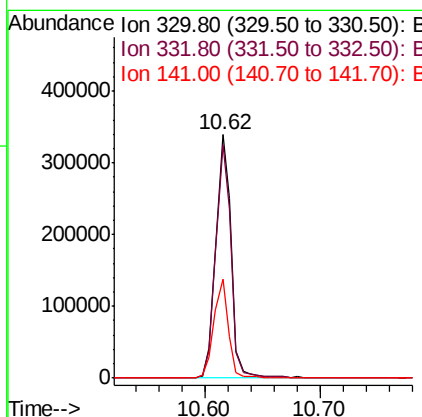
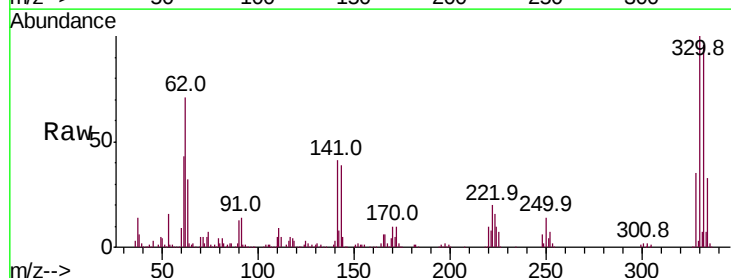
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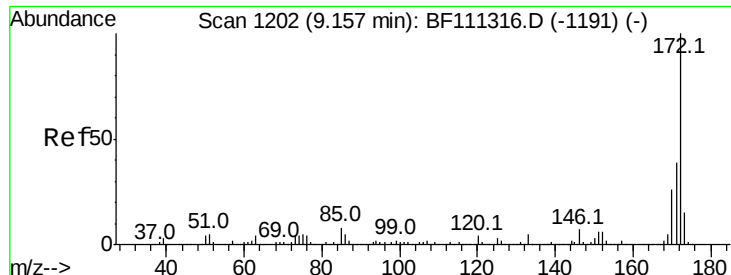
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#42
2,4,6-Tribromophenol
Concen: 95.948 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	312177		
332	95.4	76.0	114.0	
141	38.8	31.0	46.6	





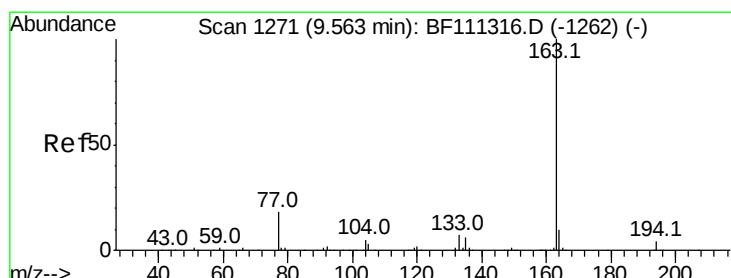
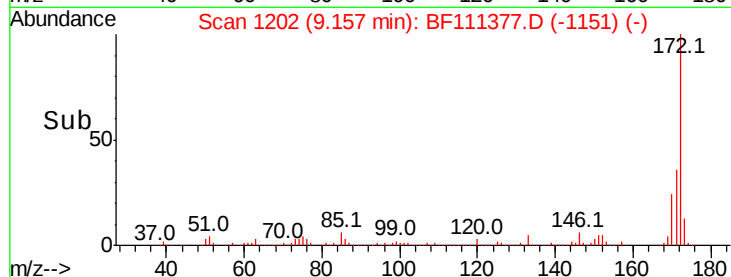
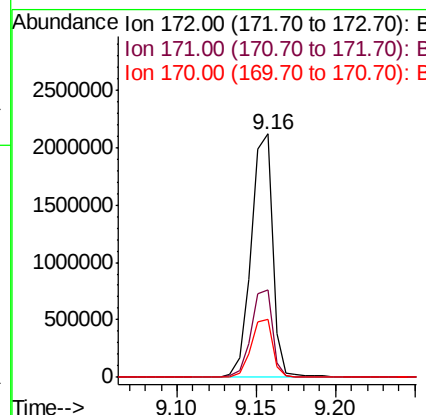
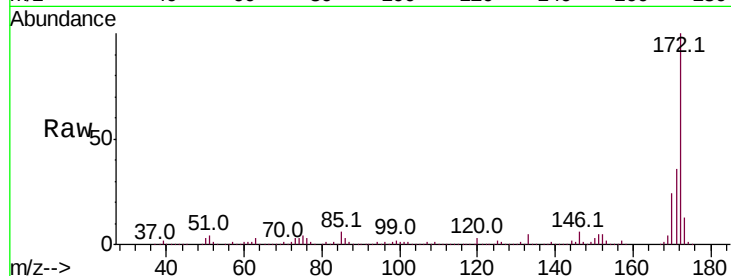
#45
2-Fluorobiphenyl
Concen: 86.679 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.0	22.3	33.5

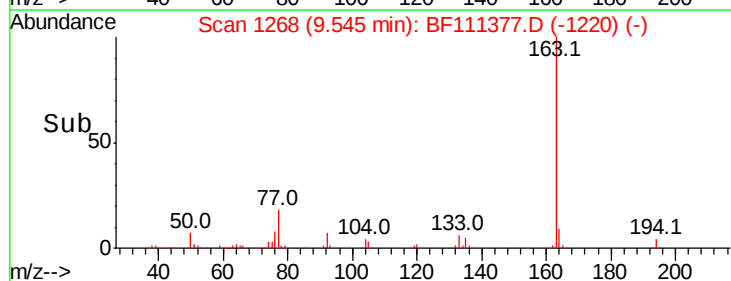
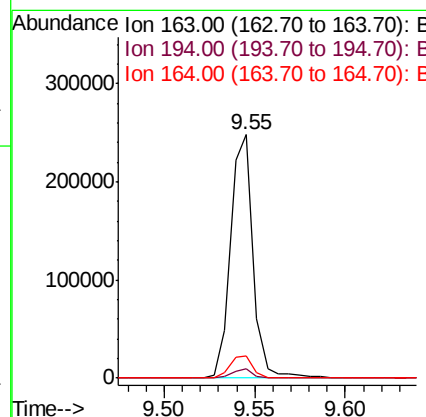
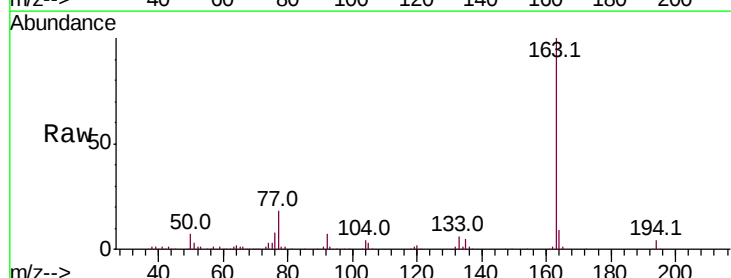
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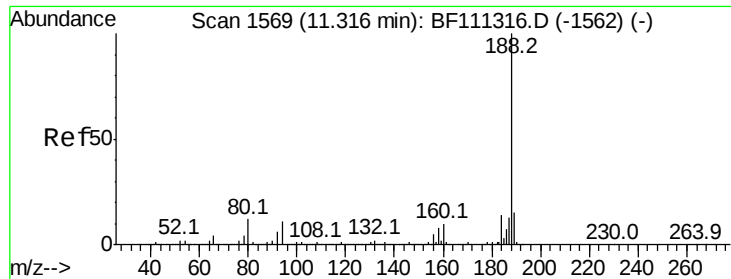
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#50
Dimethylphthalate
Concen: 8.095 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.1	8.9	13.3





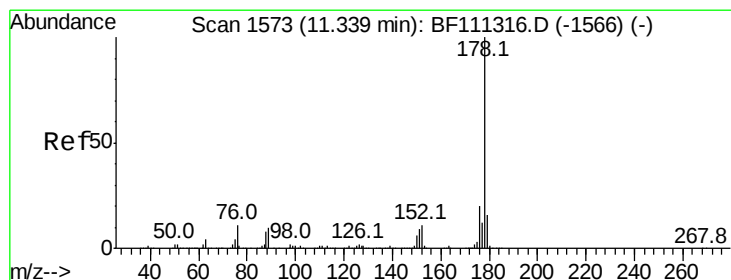
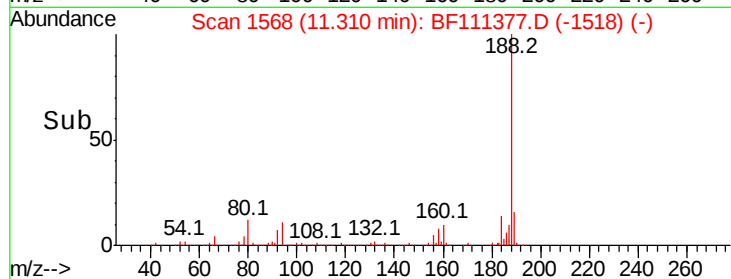
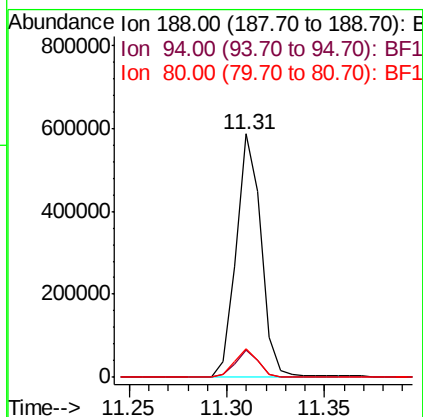
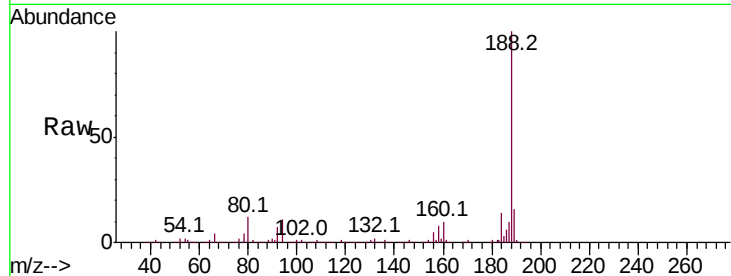
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	9.6	14.4
80	11.8	9.8	14.6

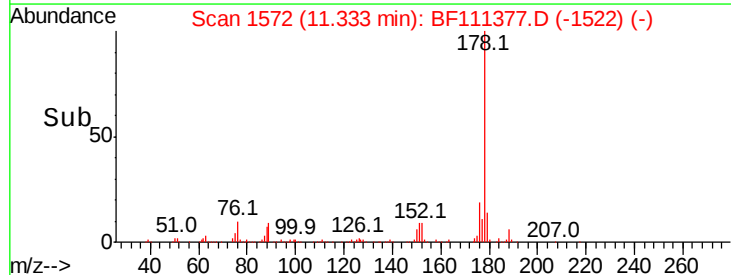
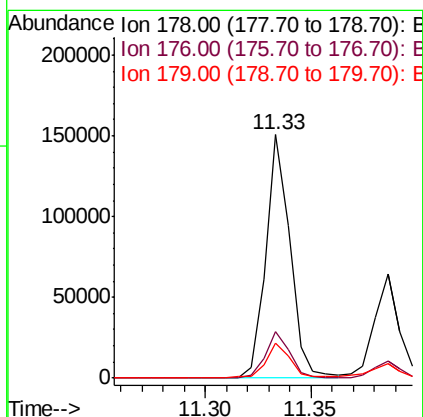
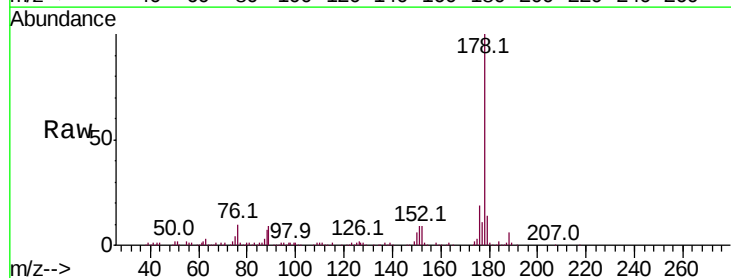
Manual Integrations
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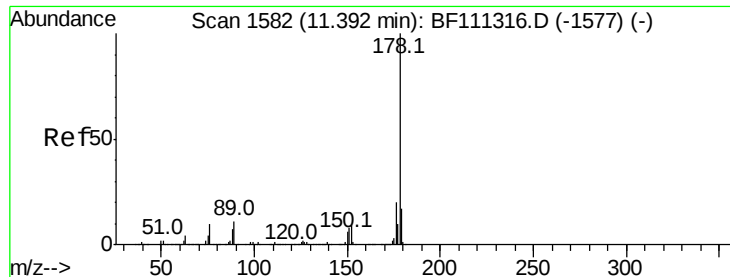
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#71
Phenanthrene
Concen: 4.465 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	18.1	27.1
179	14.2	14.0	21.0





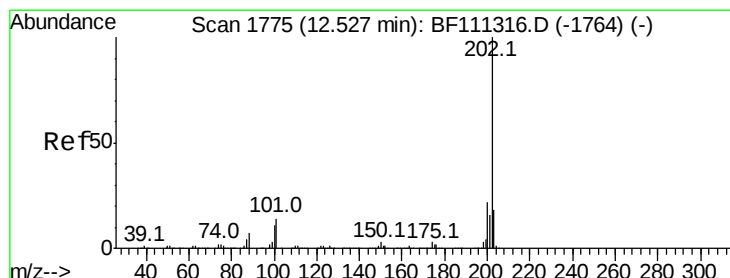
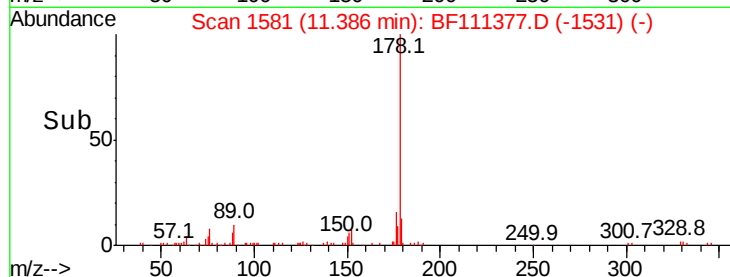
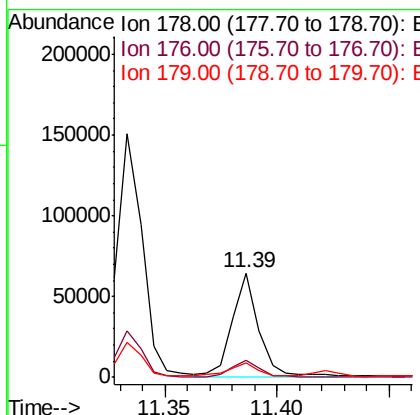
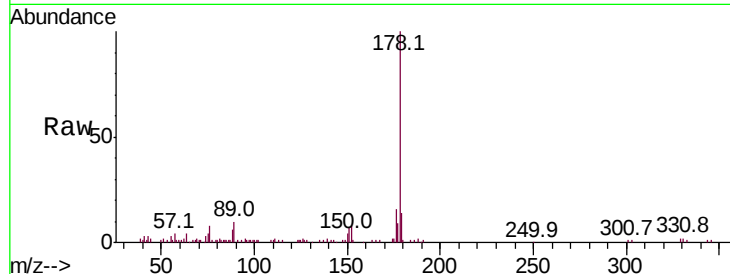
#72
 Anthracene
 Concen: 2.028 ng/mL
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF111377.D
 Acq: 13 Dec 2018 18:41

Instrument :
 BNA_F
 ClientSampleID :
 SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.2	17.2	25.8#
179	13.9	13.8	20.8

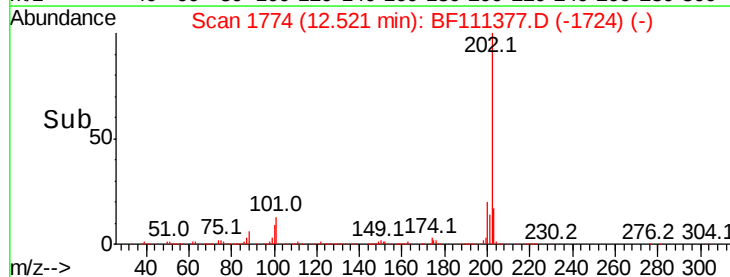
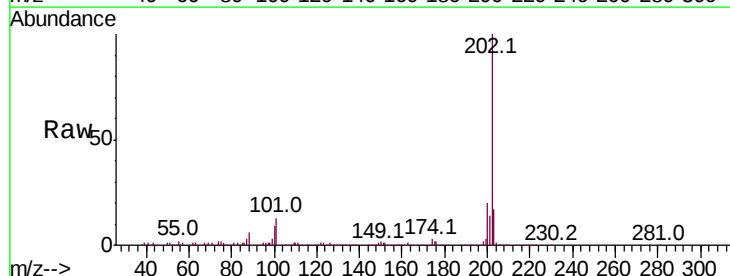
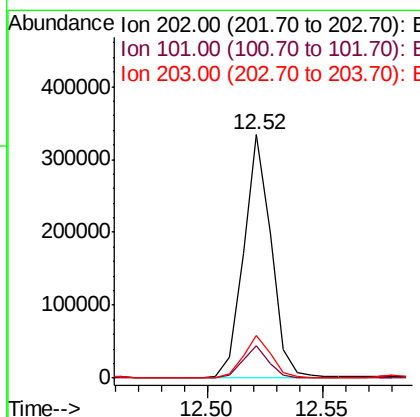
Manual Integrations
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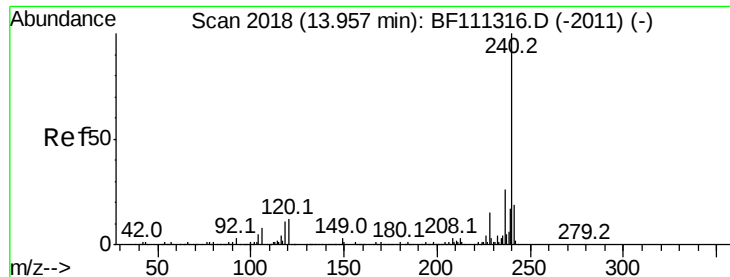
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#75
 Fluoranthene
 Concen: 10.476 ng/mL
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111377.D
 Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.8
203	17.5	0.0	38.6





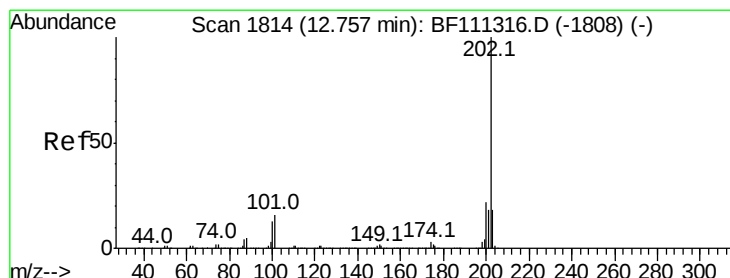
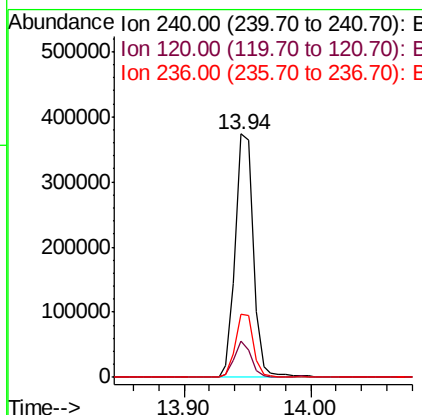
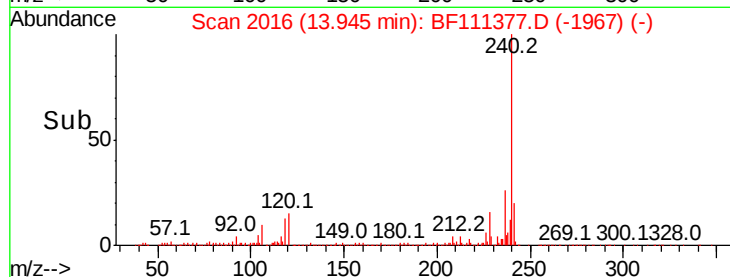
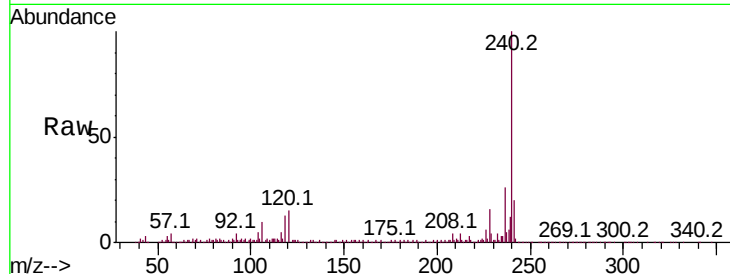
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.2	18.2
236	25.7	20.2	30.2

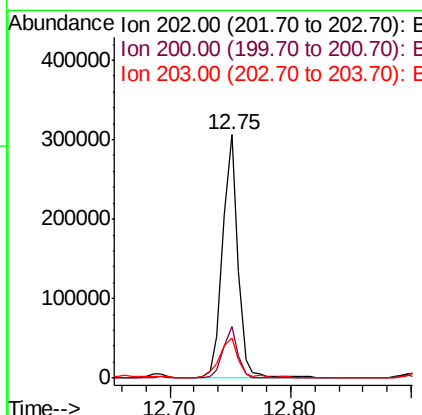
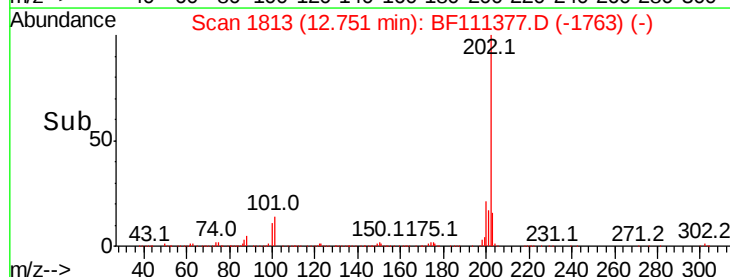
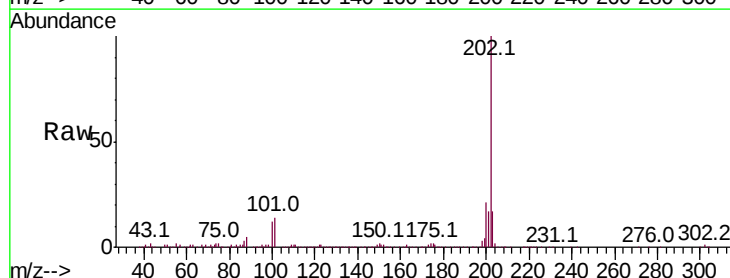
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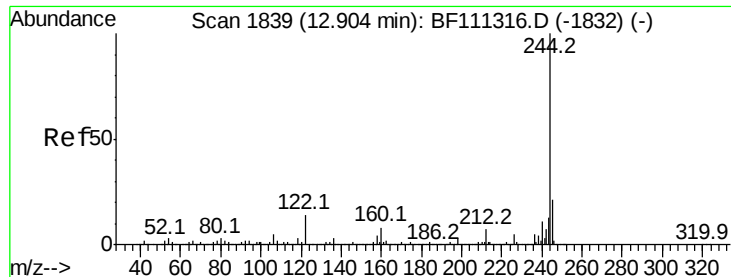
Sohil
12/14/2018 12:53:28 PM



#78
Pyrene
Concen: 9.296 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.4
203	16.6	15.2	22.8





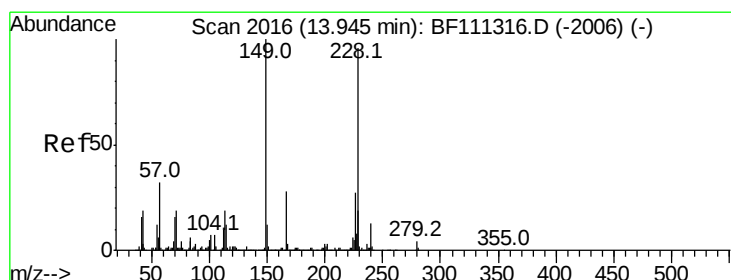
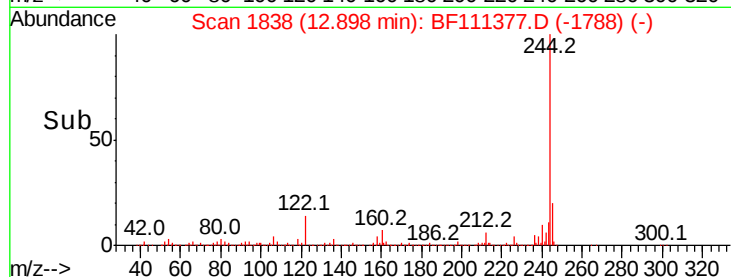
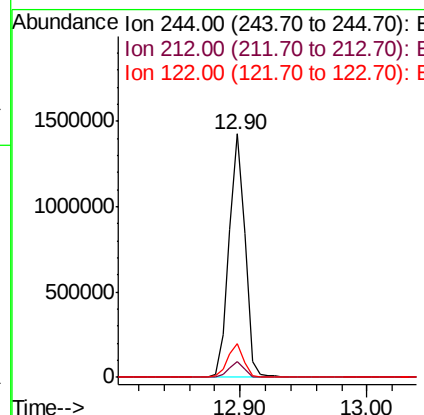
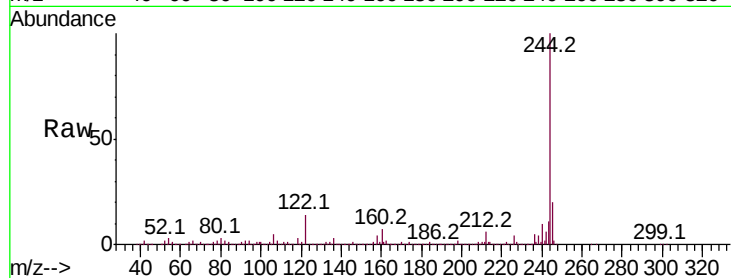
#79
 Terphenyl-d14
 Concen: 74.692 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111377.D
 Acq: 13 Dec 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.8	13.1	19.7

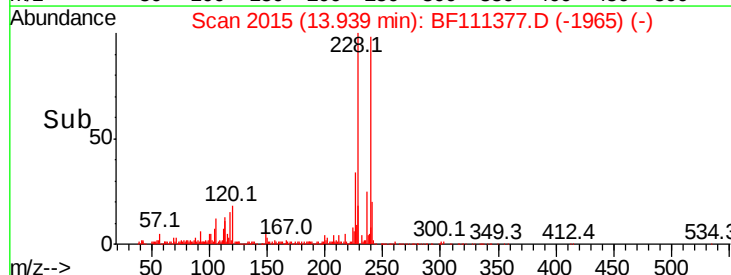
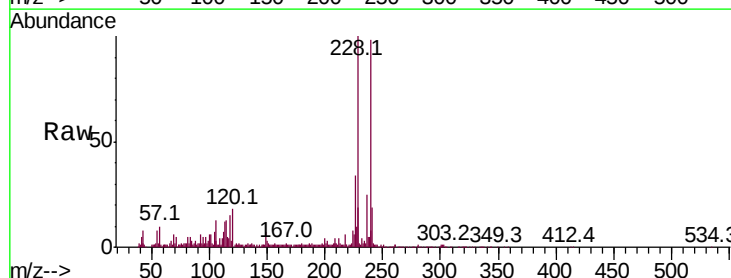
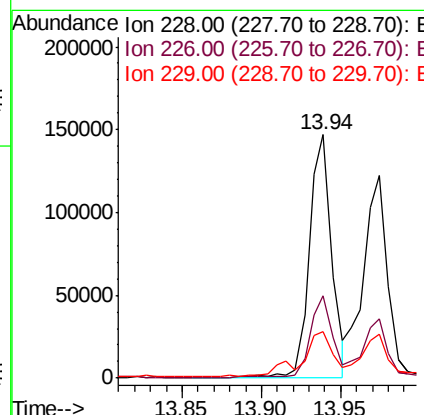
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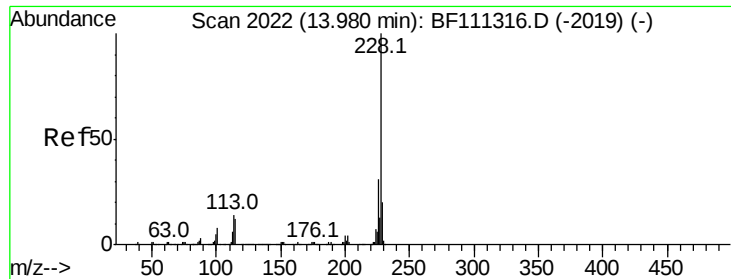
Sohil
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#81
 Benzo(a)anthracene
 Concen: 6.877 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111377.D
 Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	34.0
229	19.2	16.3	24.5





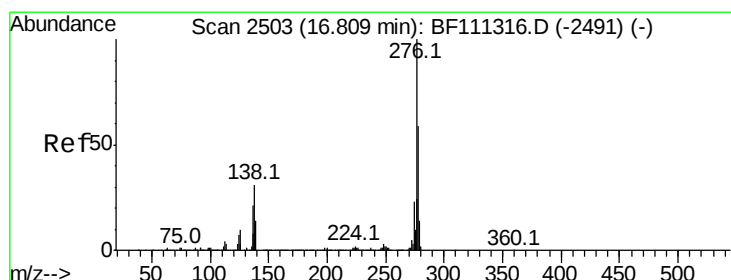
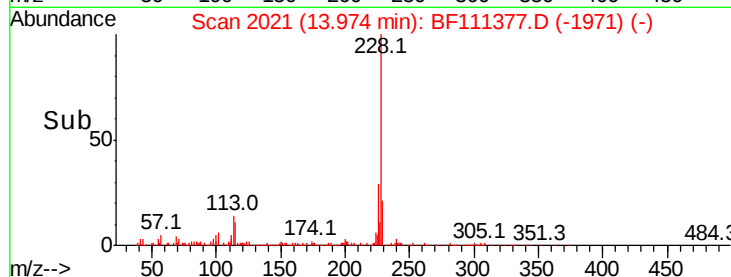
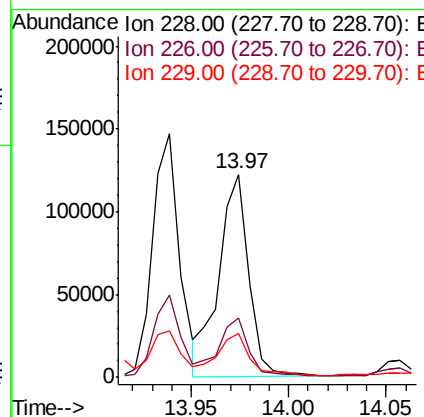
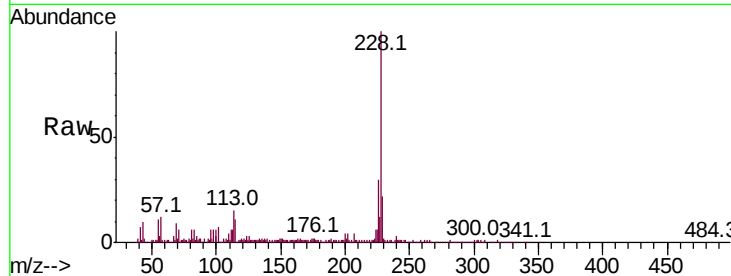
#83
Chrysene
Concen: 6.194 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampled :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.9	17.2	25.8

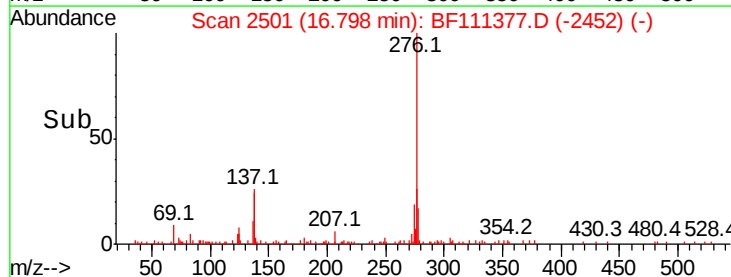
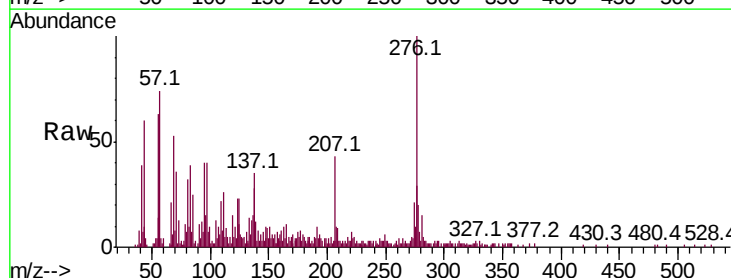
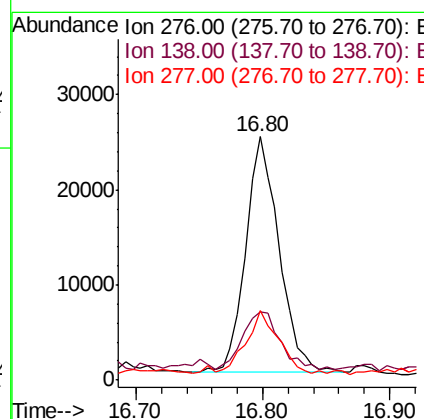
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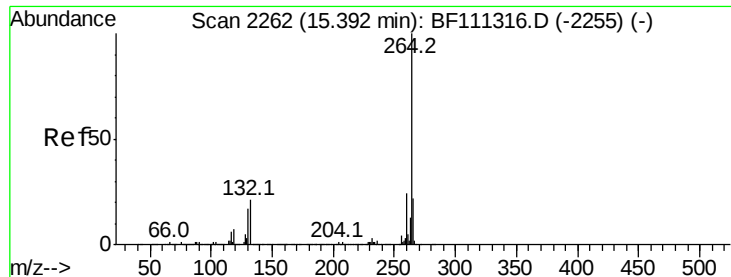
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.745 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	25.5	20.1	30.1





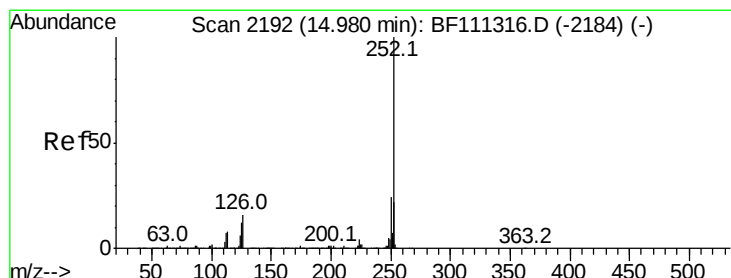
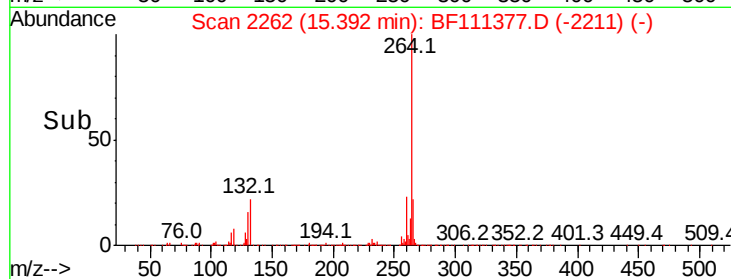
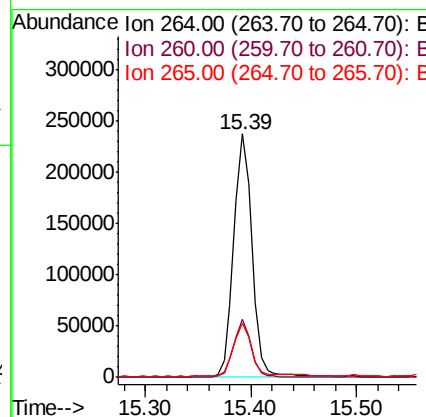
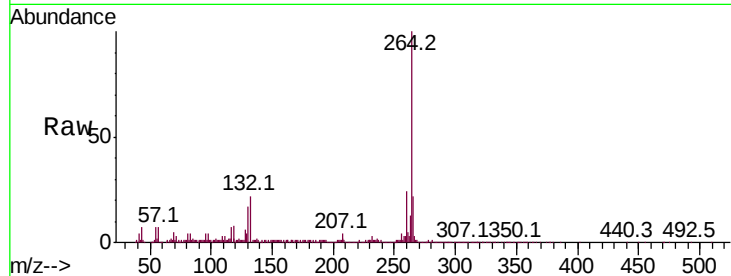
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.4	17.7	26.5

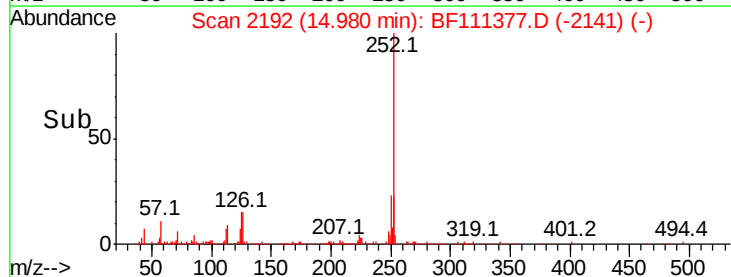
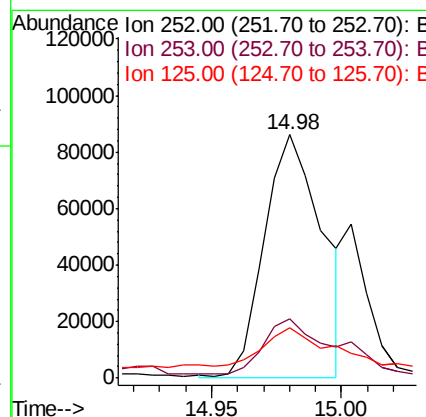
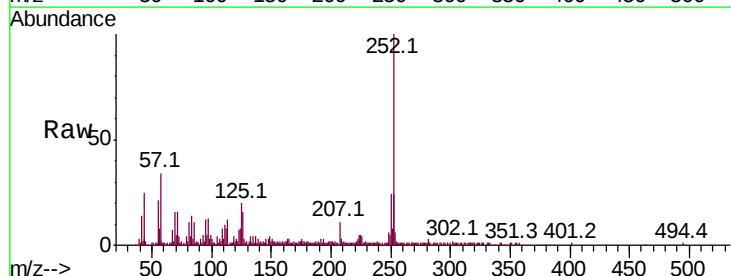
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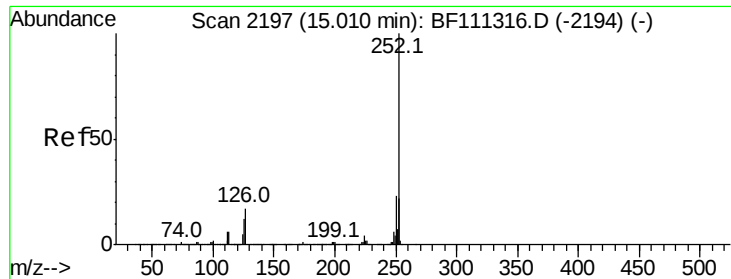
Sohil
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#88
Benzo(b)fluoranthene
Concen: 8.247 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	20.5	10.4	15.6





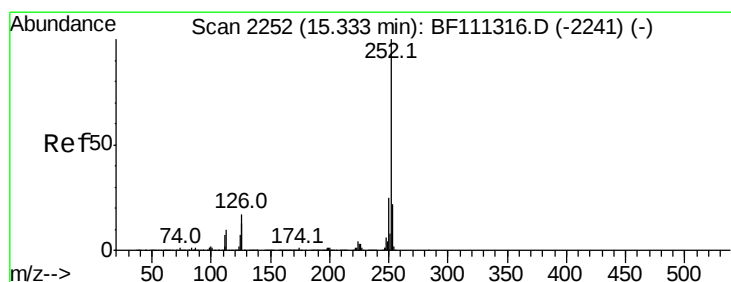
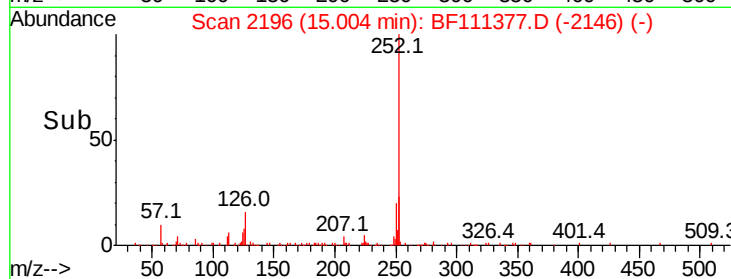
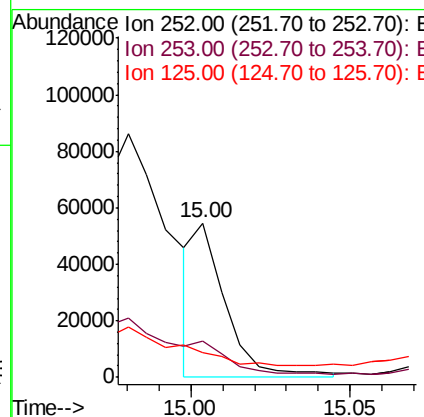
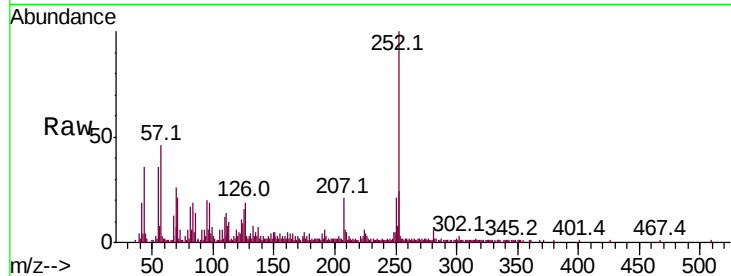
#89
Benzo(k)fluoranthene
Concen: 2.353 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	16.4	9.8	14.8

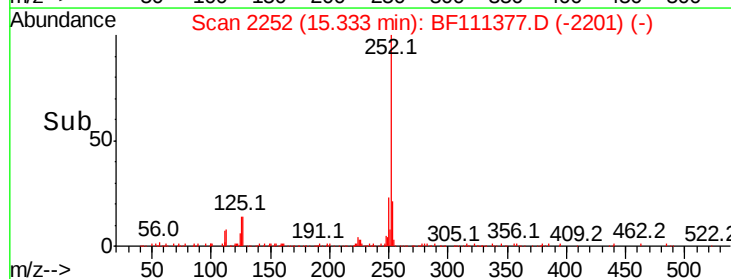
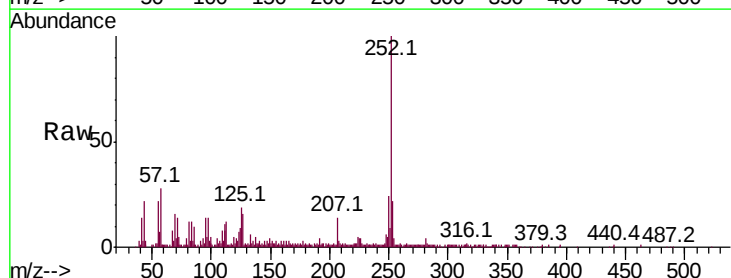
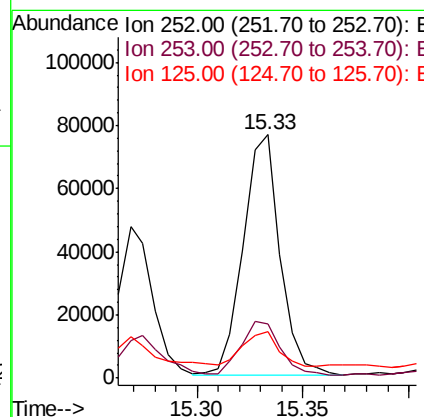
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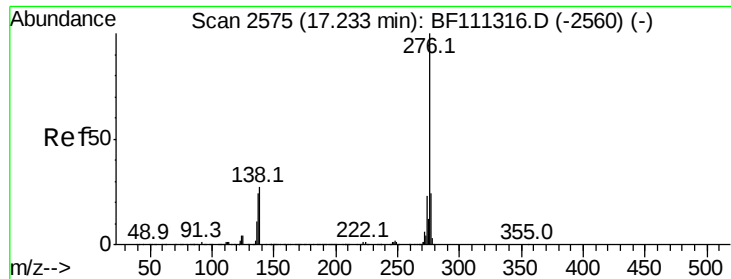
Sohil
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#90
Benzo(a)pyrene
Concen: 6.174 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	18.9	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 3.241 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BF111377.D
 Acq: 13 Dec 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(13-15)

Tot Ion:	276	Resp:	40554
Ion Ratio	Lower	Upper	
276	100		
277	22.6	19.2	28.8
138	27.7	24.9	37.3

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:53:28 PM

