

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111375.D
 Acq On : 13 Dec 2018 17:46
 Operator : JU/SJ
 Sample : J6214-45
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)RE

Manual Integrations
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Sohil
 12/14/2018 12:53:23 PM

Quant Time: Dec 13 21:41:50 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	236005	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	869234	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	332714	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	478359	20.00	ng	0.00
76) Chrysene-d12	13.95	240	343920	20.00	ng	0.00
87) Perylene-d12	15.40	264	249540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1481037	106.12	ng	0.00
7) Phenol-d6	6.43	99	1850105	98.32	ng	0.00
23) Nitrobenzene-d5	7.35	82	1145843	74.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	256345	87.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1741003	84.01	ng	0.00
79) Terphenyl-d14	12.90	244	1167222	74.70	ng	0.00
Target Compounds						
10) Phenol	6.44	94	102119	4.791	ng	91
50) Dimethylphthalate	9.54	163	151771	6.343	ng	100
71) Phenanthrene	11.33	178	137720	5.570	ng	95
74) Di-n-butylphthalate	11.87	149	70754	2.387	ng	96
75) Fluoranthene	12.52	202	311099	12.889	ng	98
78) Pyrene	12.75	202	297975	11.226	ng	96
80) Butylbenzylphthalate	13.37	149	103018	8.084	ng	94
81) Benzo(a)anthracene	13.94	228	155059	8.058	ng	95
83) Chrysene	13.97	228	140241	7.143	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	92306	5.925	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	73282	4.772	ng	93
88) Benzo(b)fluoranthene	14.99	252	166029m	11.701	ng	
89) Benzo(k)fluoranthene	15.01	252	49663m	3.506	ng	
90) Benzo(a)pyrene	15.34	252	106434	8.056	ng	# 80
92) Benzo(a,h,i)perylene	17.24	276	84721	7.709	ng	96

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

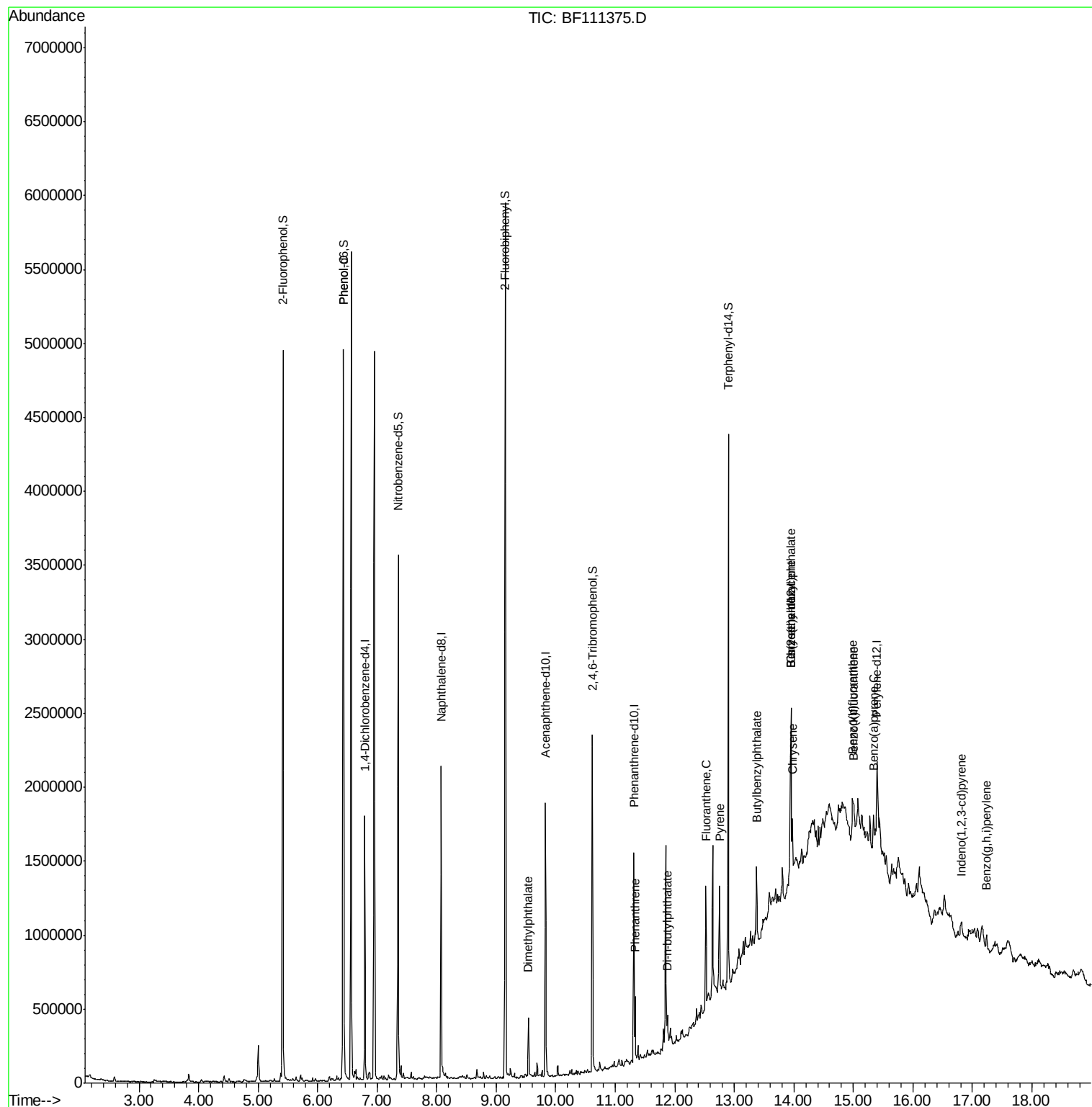
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111375.D
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Operator : JU/SJ
Sample : J6214-45
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ALS Vial : 5 Sample Multiplier: 1

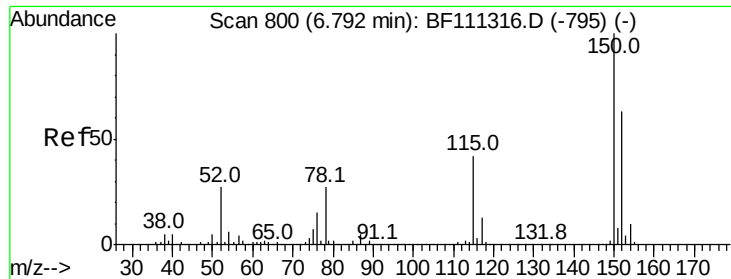
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

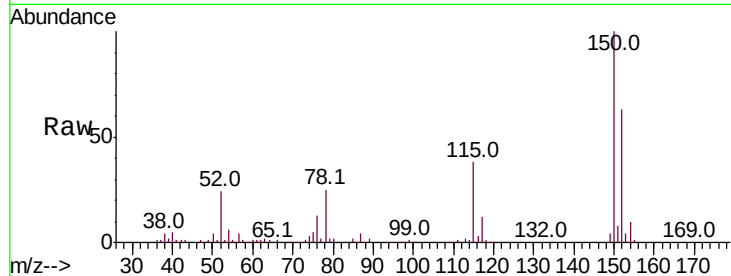
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	59.5	50.7	76.1

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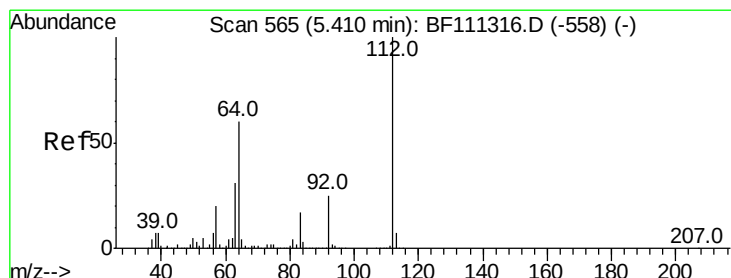
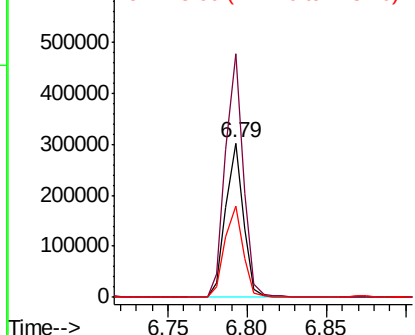
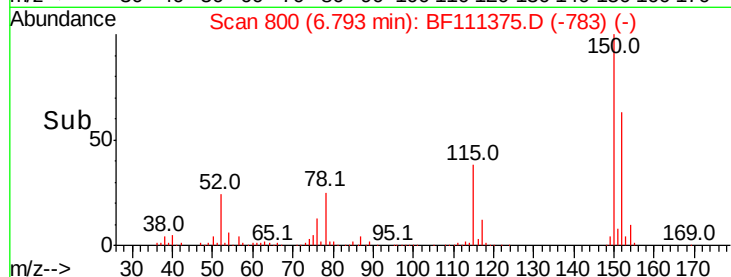


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

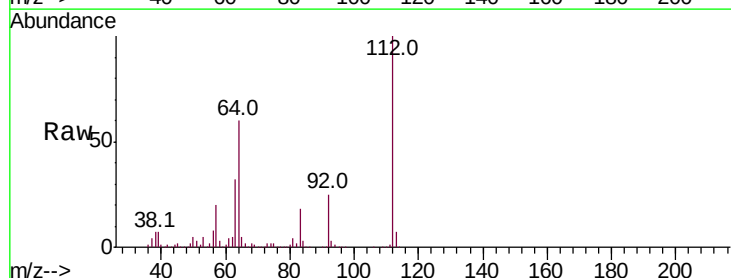
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.120 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.8	77.6
63	31.6	26.8	40.2

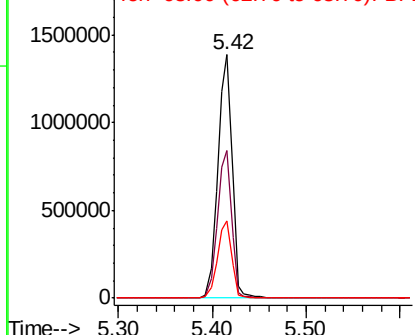
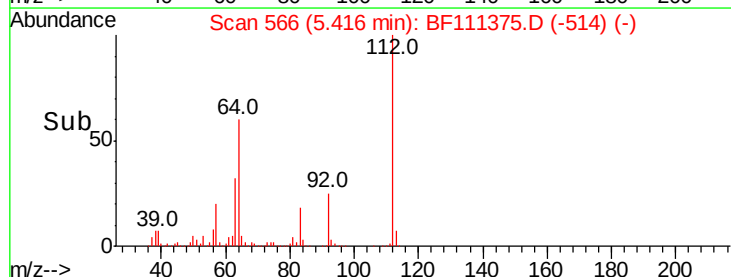


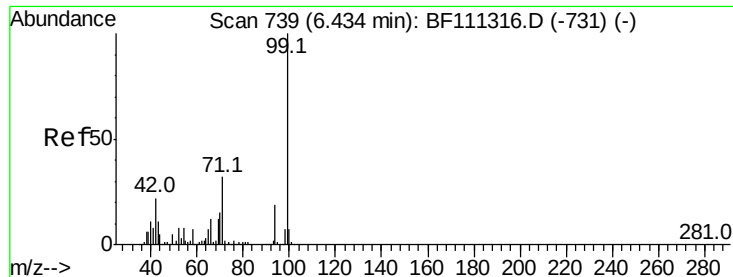
Abundance

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: 98.322 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111375.D

Acq: 13 Dec 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)RE

Tot Ion: 99 Resp: 1850105

Ion Ratio Lower Upper

99 100

42 20.9 17.4 26.0

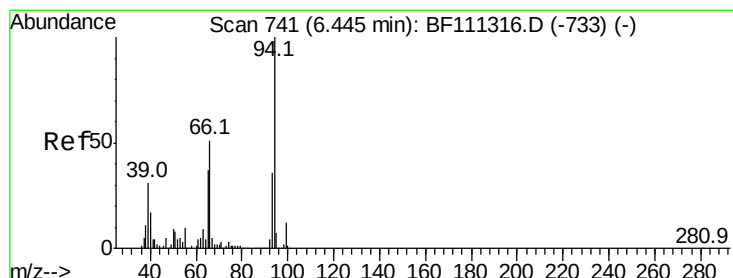
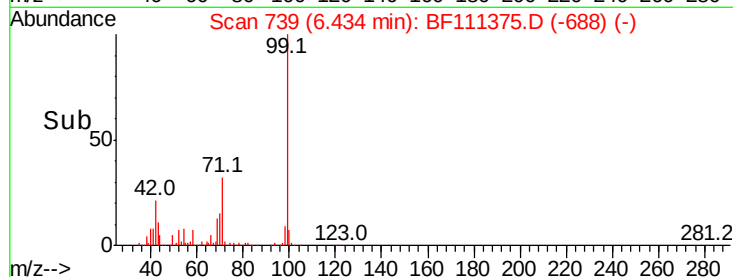
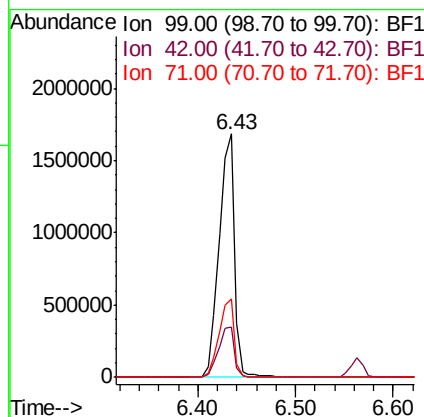
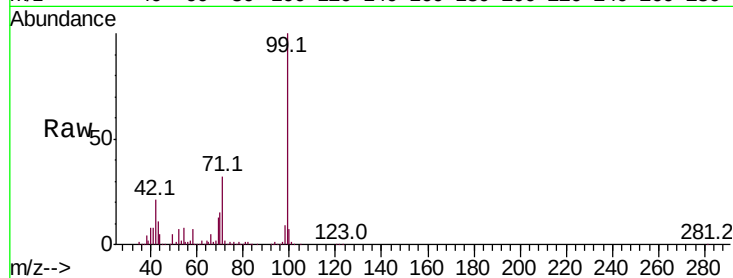
71 32.0 26.1 39.1

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#10

Phenol

Concen: 4.791 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111375.D

Acq: 13 Dec 2018 17:46

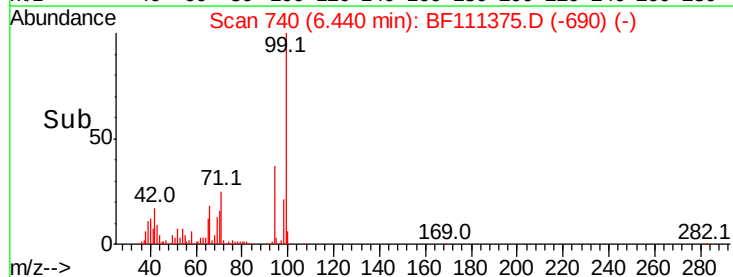
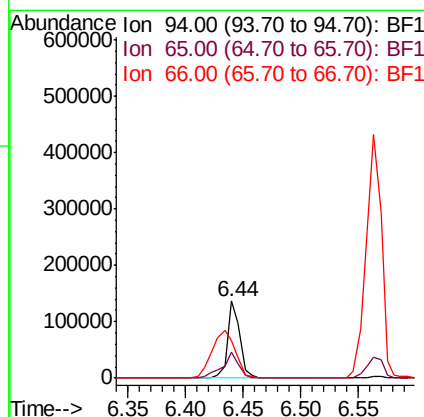
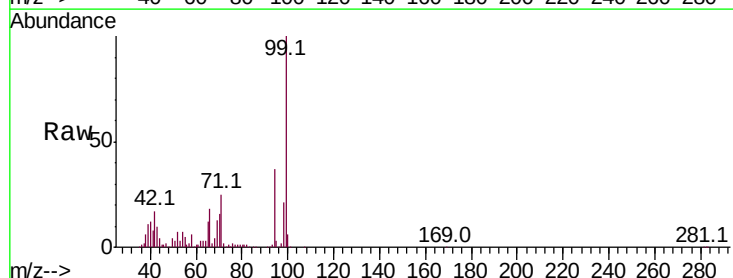
Tgt Ion: 94 Resp: 102119

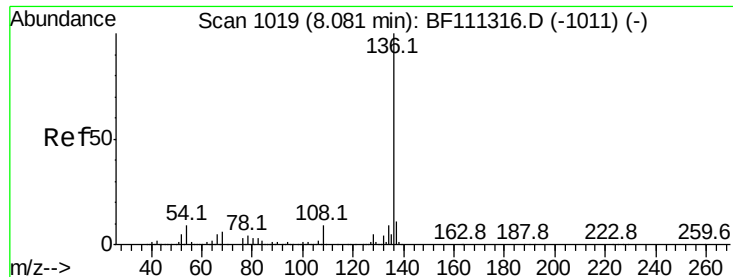
Ion Ratio Lower Upper

94 100

65 33.2 11.7 51.7

66 49.4 21.0 61.0





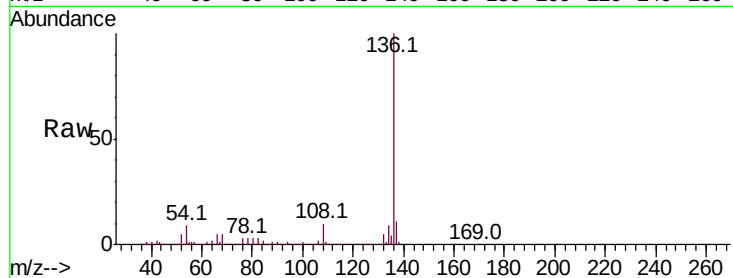
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.1	7.7	11.5	
68	5.5	4.9	7.3	

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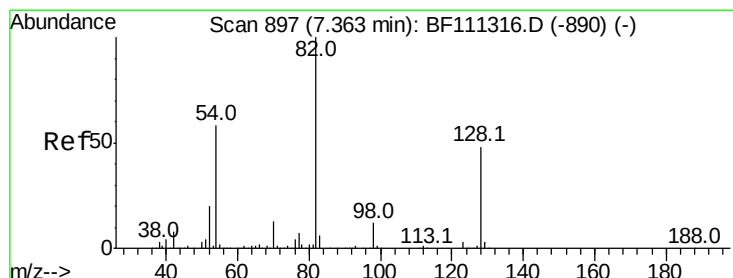
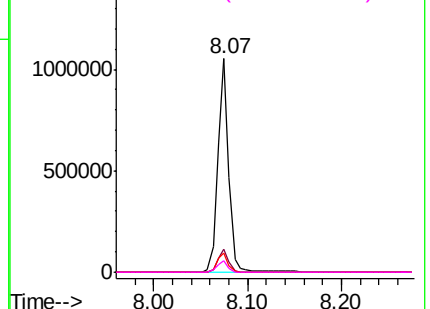
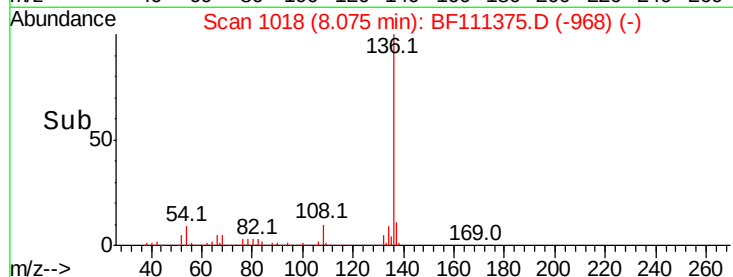
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

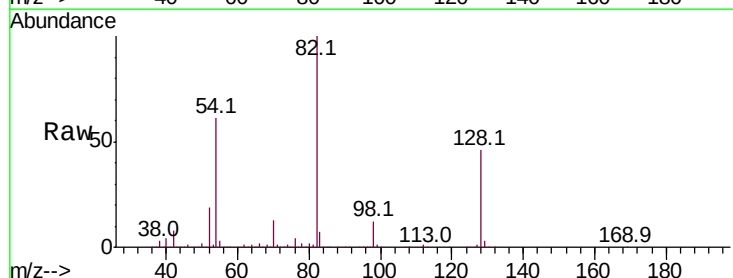
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 74.299 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	37.4	56.2	
54	60.5	47.6	71.4	

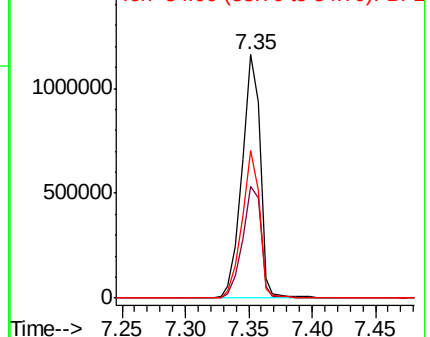
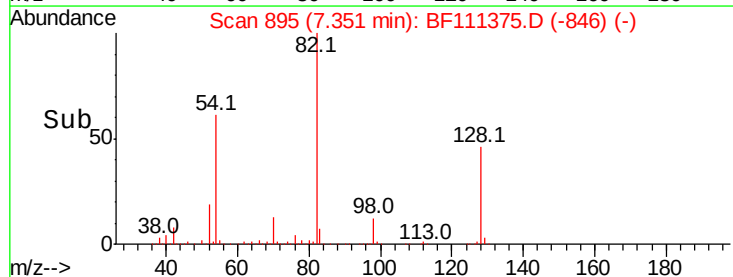


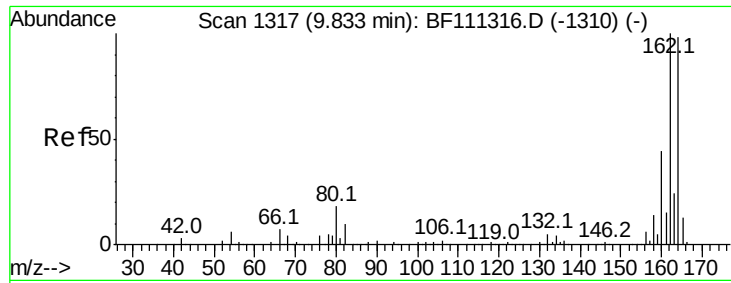
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





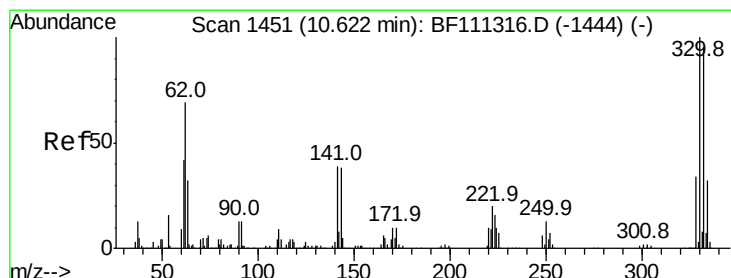
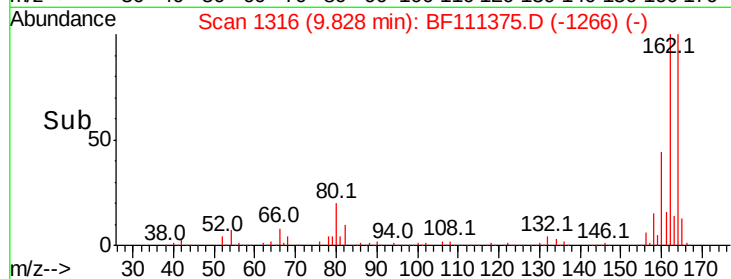
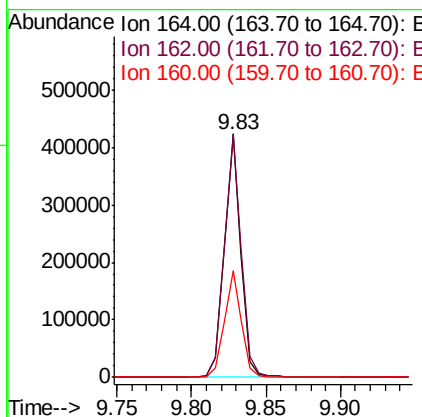
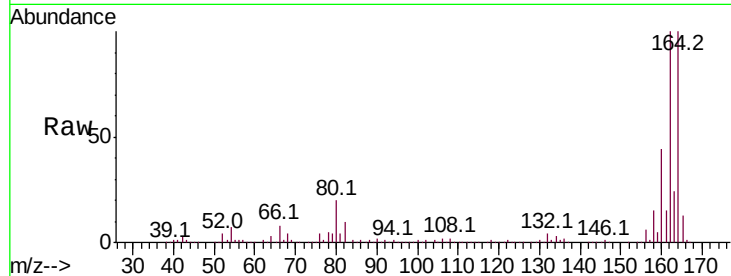
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	332714		
162	99.6	81.4	122.0	
160	44.0	35.7	53.5	

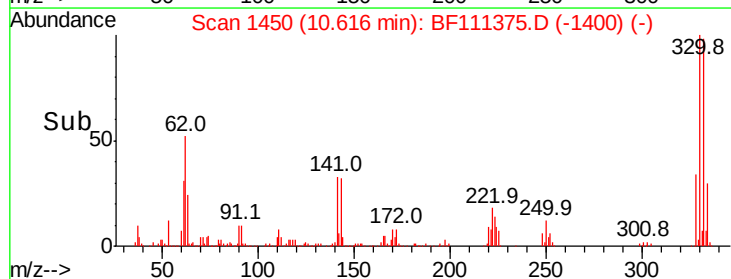
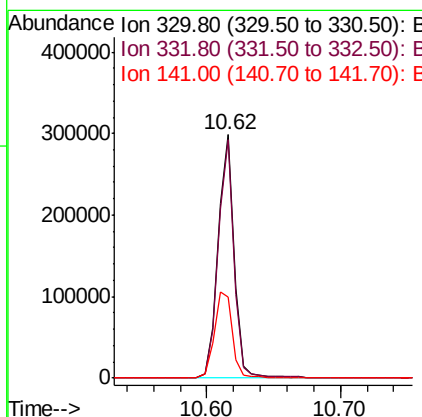
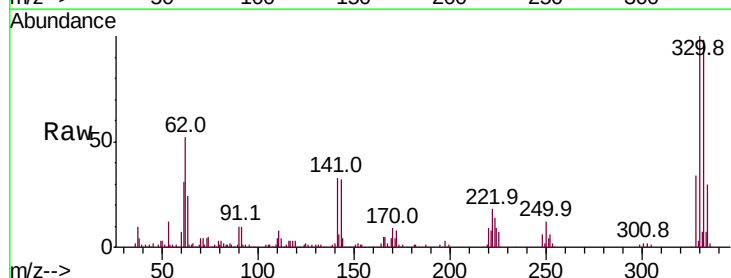
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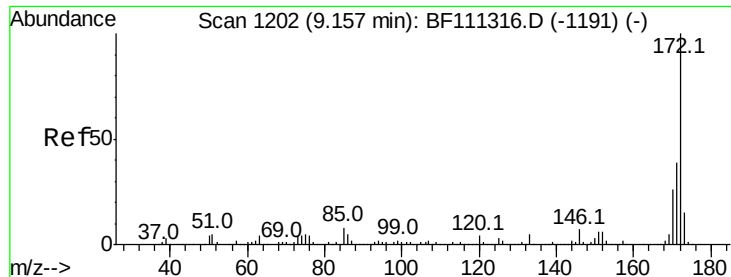
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#42
2,4,6-Tribromophenol
Concen: 87.403 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	256345		
332	96.4	76.0	114.0	
141	39.1	31.0	46.6	





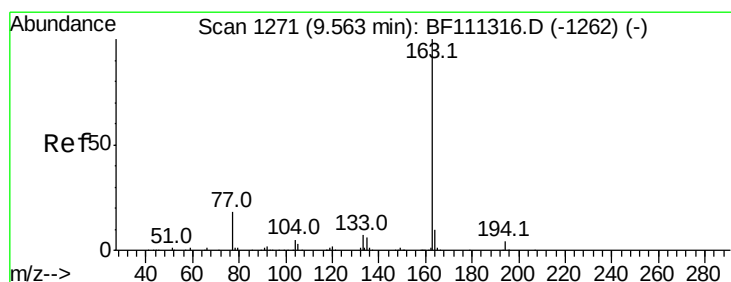
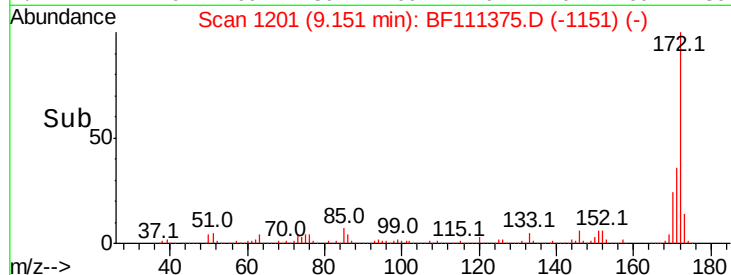
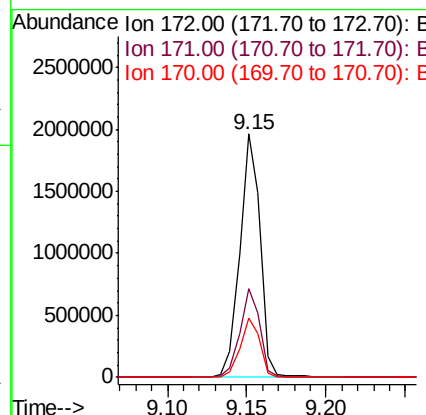
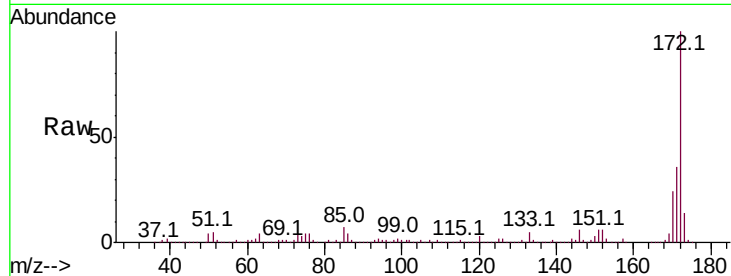
#45
2-Fluorobiphenyl
Concen: 84.011 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.4	22.3	33.5

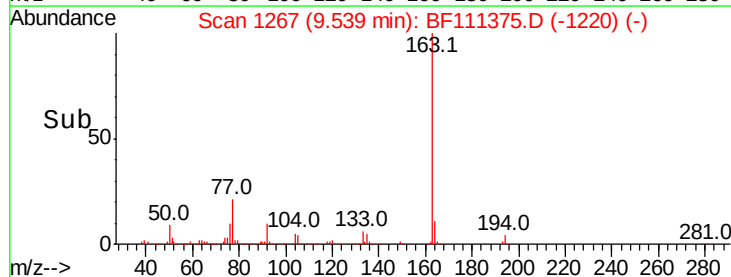
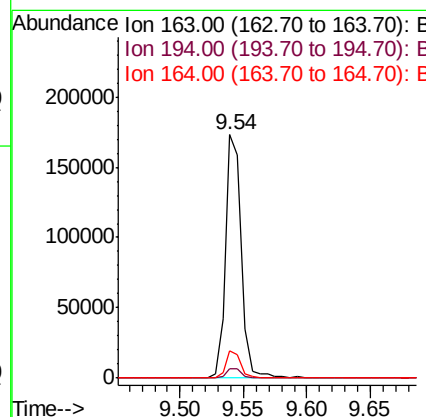
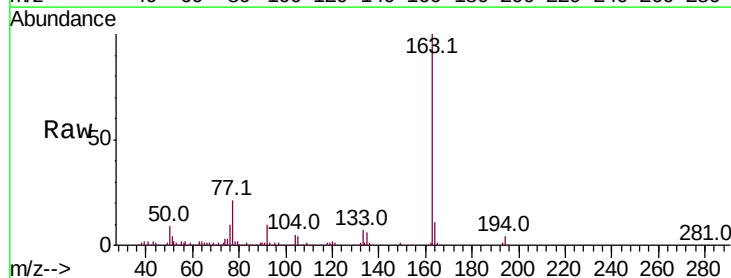
Manual Integrations
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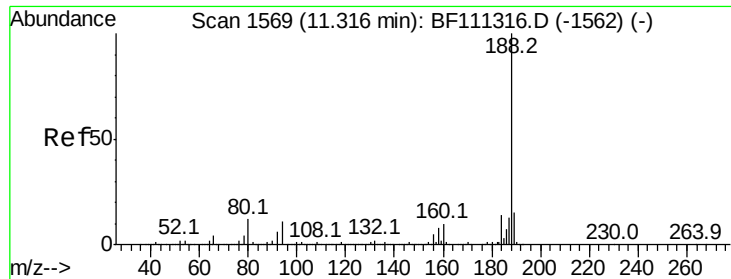
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#50
Dimethylphthalate
Concen: 6.343 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	11.0	8.9	13.3





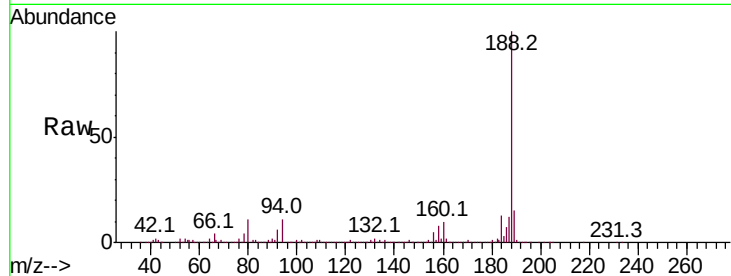
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

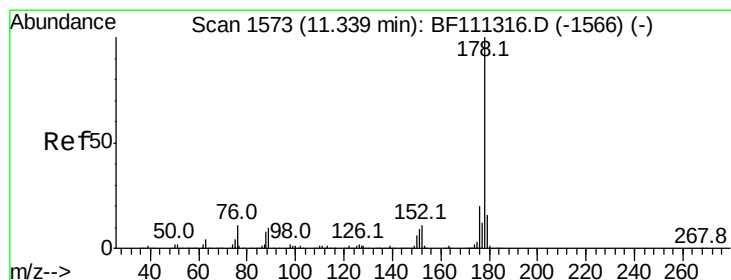
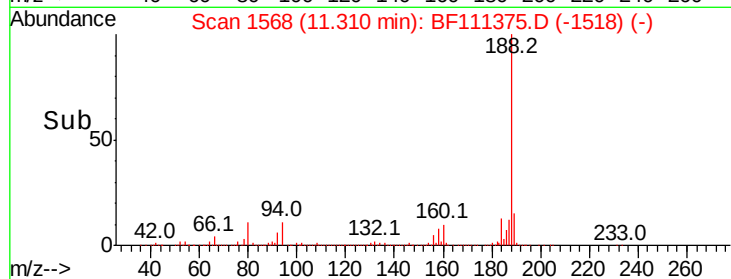
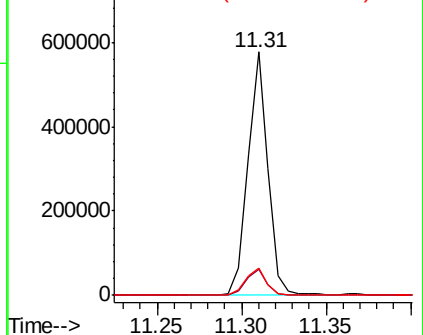
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.3	9.8	14.6

Manual Integrations
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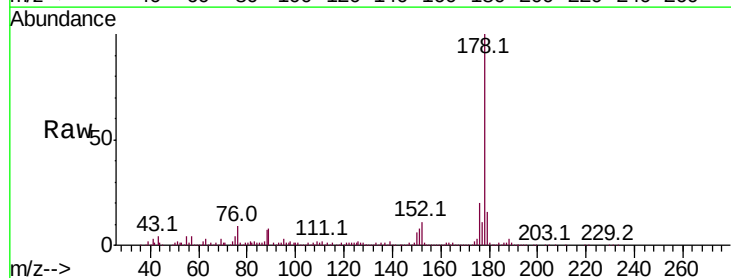


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

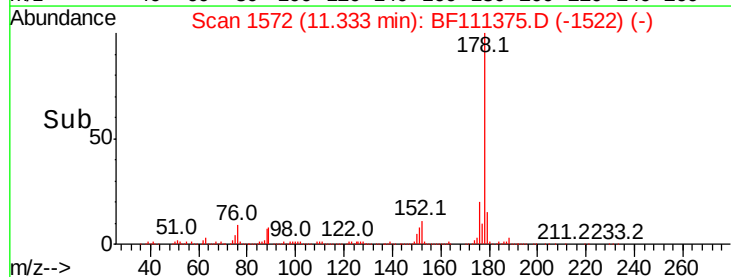
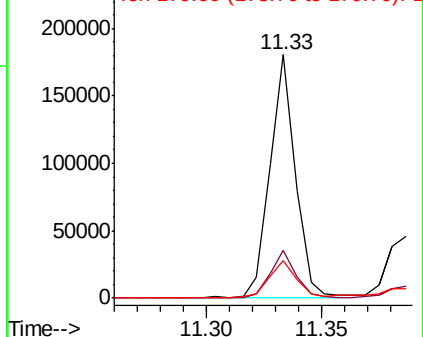


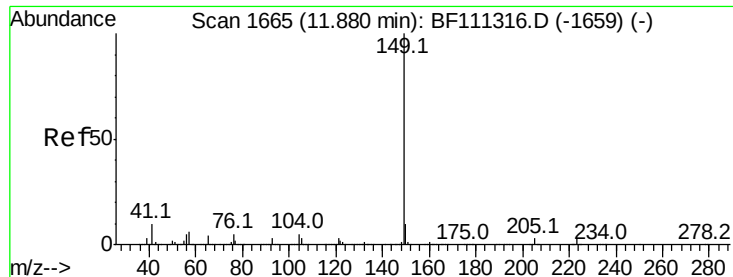
#71
Phenanthrene
Concen: 5.570 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	18.1	27.1
179	15.6	14.0	21.0



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





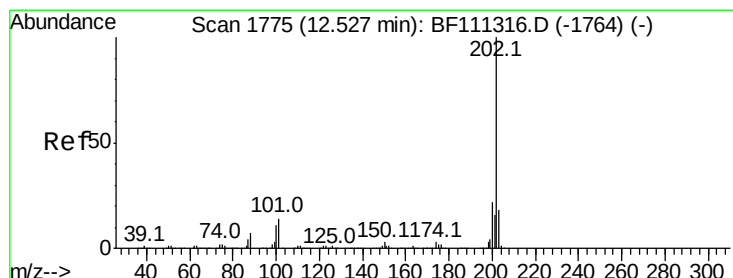
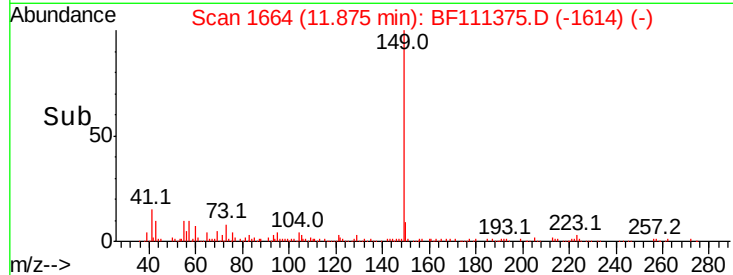
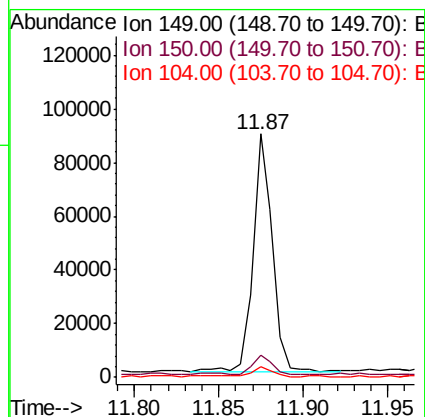
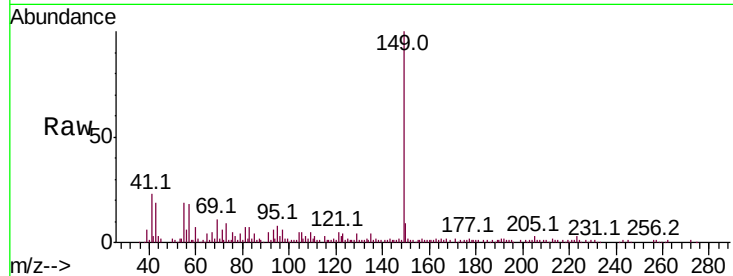
#74
Di-n-butylphthalate
Concen: 2.387 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion:	149	Resp:	70754
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.8	13.2
104	4.6	4.5	6.7

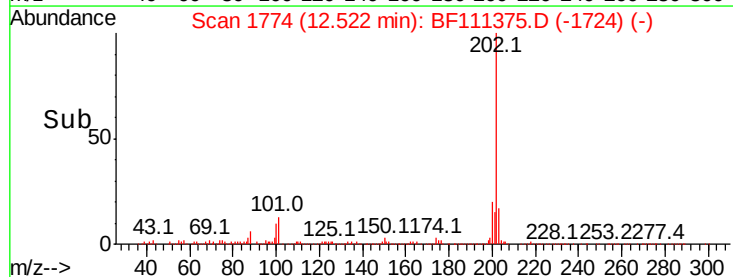
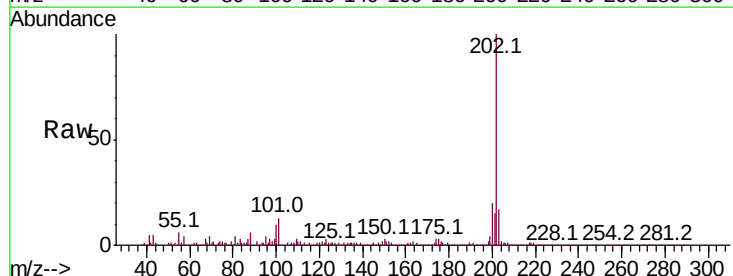
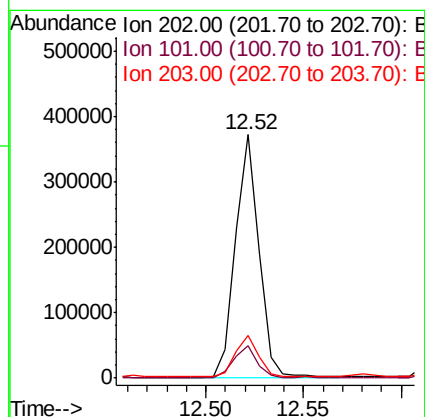
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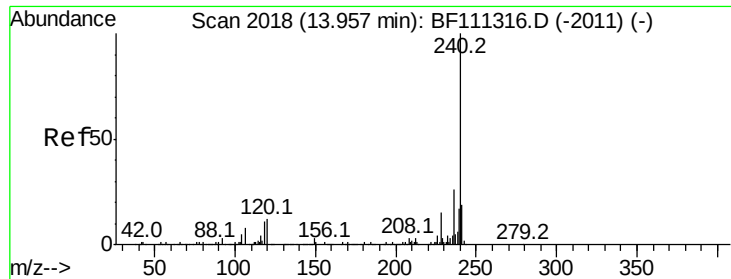
Sohil
12/14/2018 12:53:23 PM



#75
Fluoranthene
Concen: 12.889 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion:	202	Resp:	311099
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.8
203	17.3	0.0	38.6





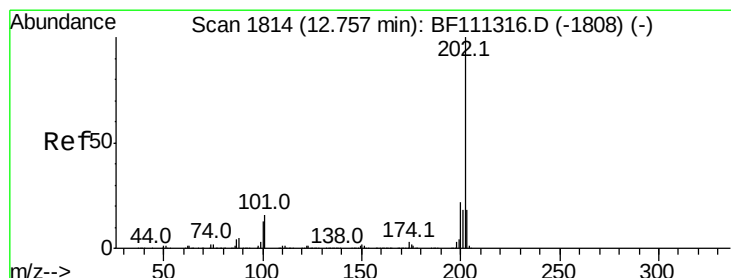
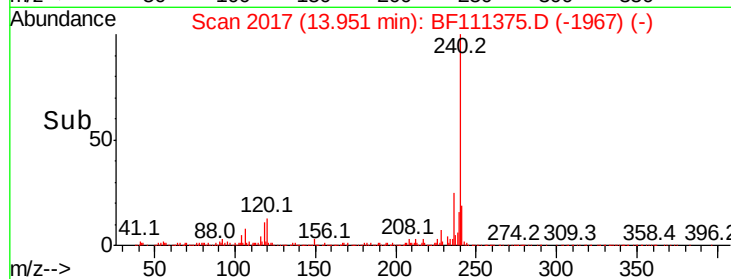
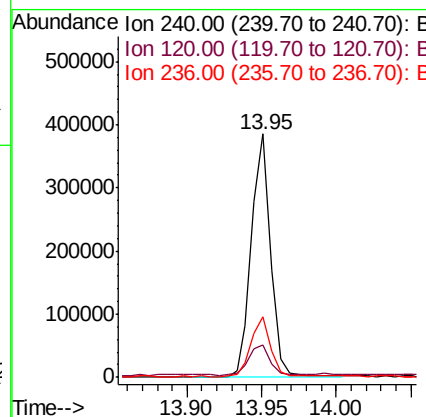
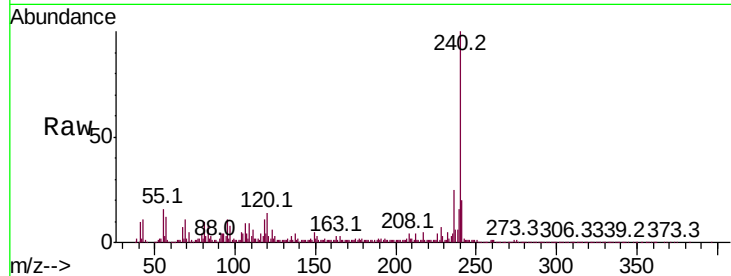
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
240	100	343920		
120	13.5		12.2	18.2
236	24.9		20.2	30.2

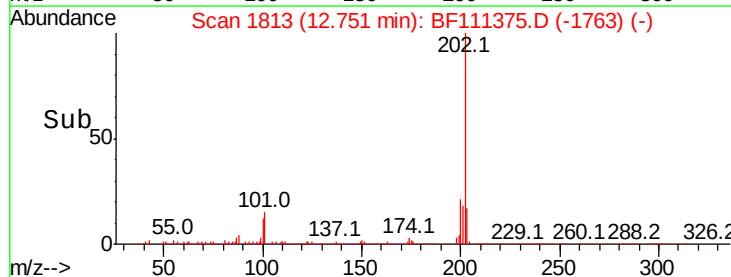
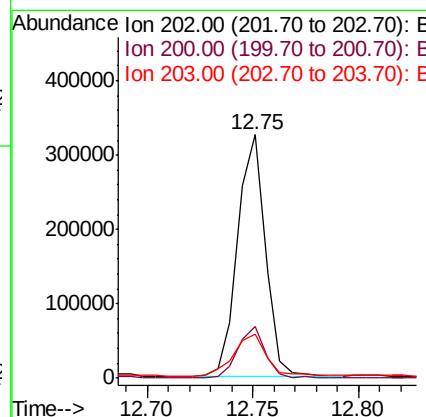
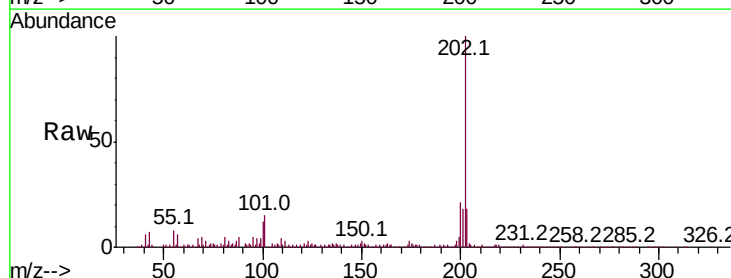
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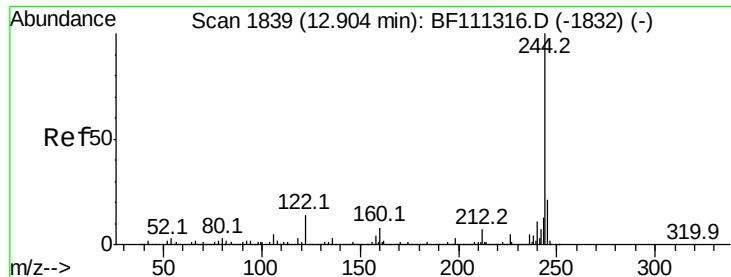
Sohil
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#78
Pyrene
Concen: 11.226 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	297975		
200	21.1		19.0	28.4
203	18.0		15.2	22.8





#79

Terphenyl-d14

Concen: 74.697 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111375.D

Acq: 13 Dec 2018 17:46

Instrument :

BNA_F

ClientSampleId :

SB-6(0-2)RE

Tot Ion:244 Resp: 1167222

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

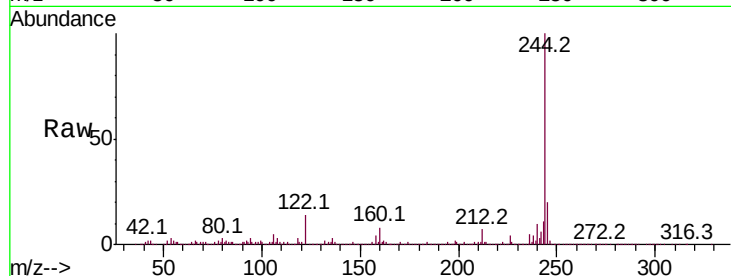
122 13.9 13.1 19.7

Manual Integrations

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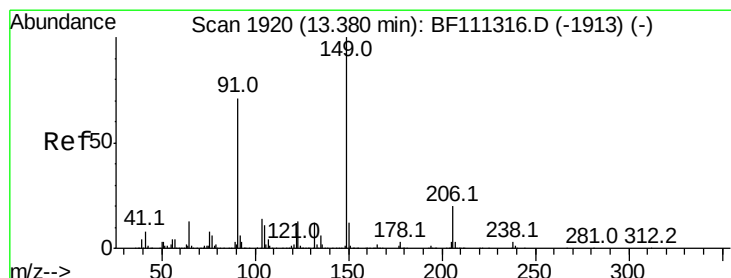
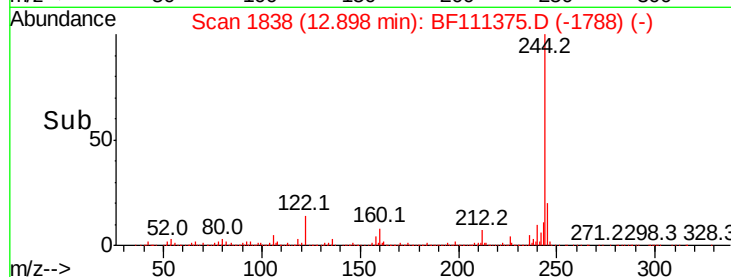
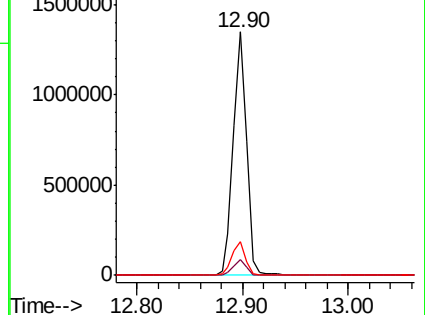
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.084 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111375.D

Acq: 13 Dec 2018 17:46

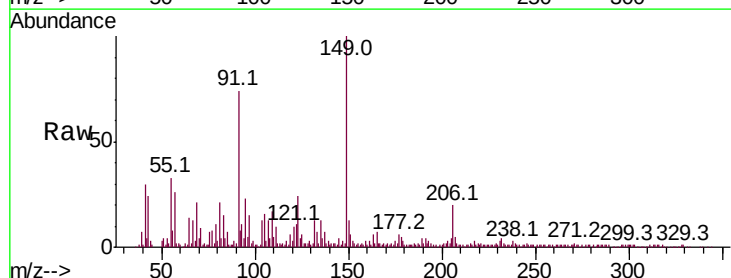
Tgt Ion:149 Resp: 103018

Ion Ratio Lower Upper

149 100

91 73.6 63.8 95.6

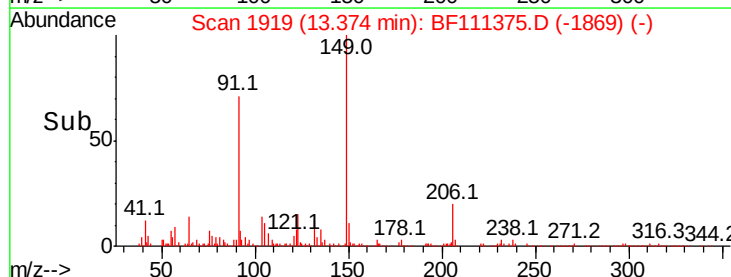
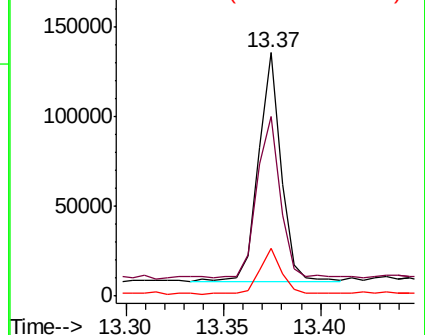
206 19.6 15.1 22.7

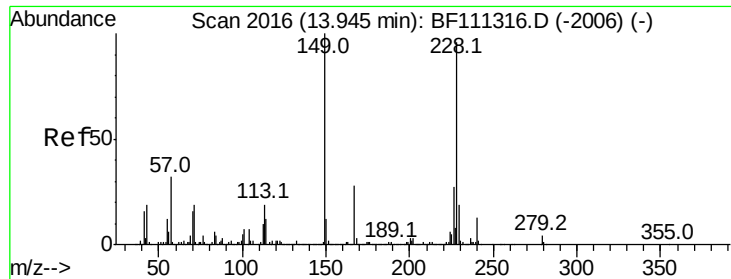


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





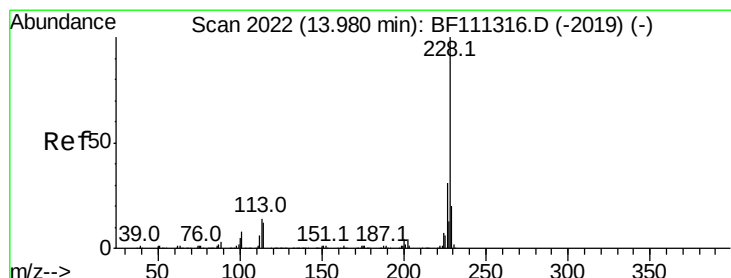
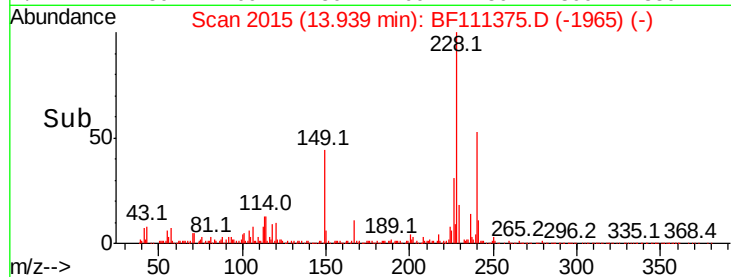
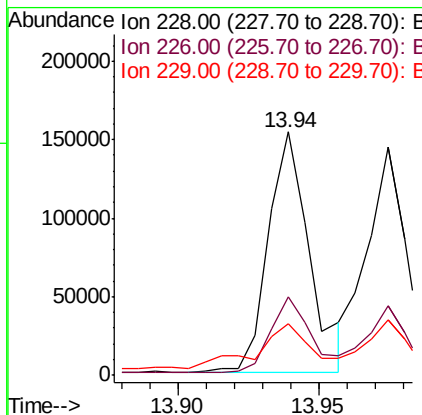
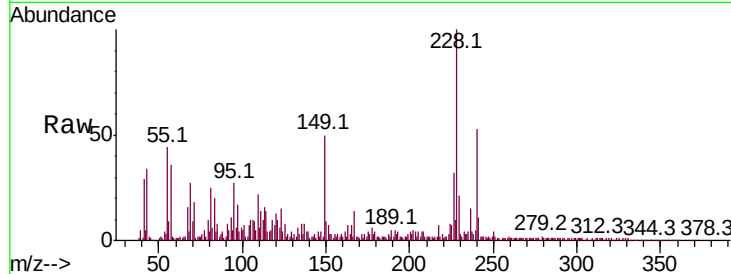
#81
Benzo(a)anthracene
Concen: 8.058 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	155059		
226	32.4		22.6	34.0
229	21.1		16.3	24.5

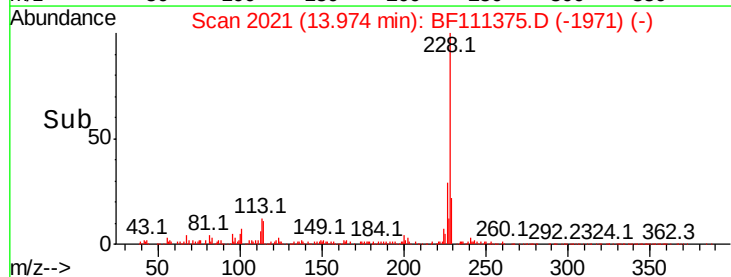
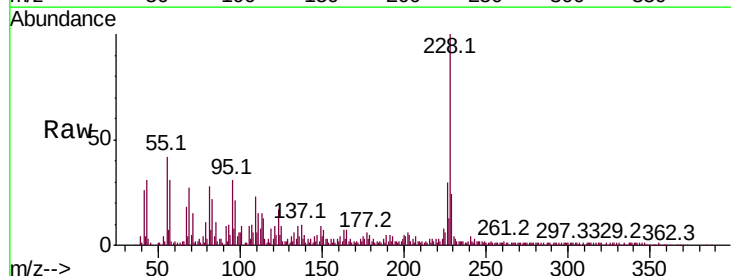
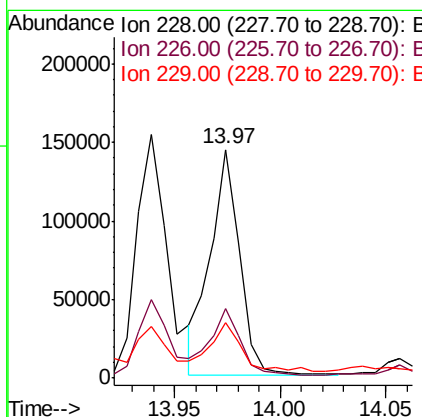
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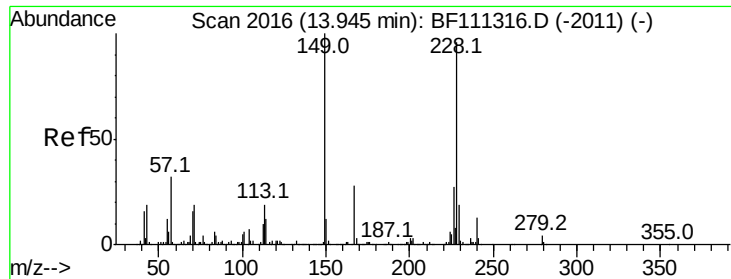
Sohil
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#83
Chrysene
Concen: 7.143 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	140241		
226	30.2		25.3	37.9
229	24.4		17.2	25.8





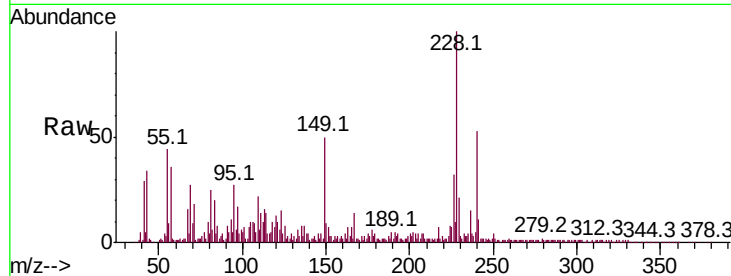
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.925 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	3.8	2.6	4.0

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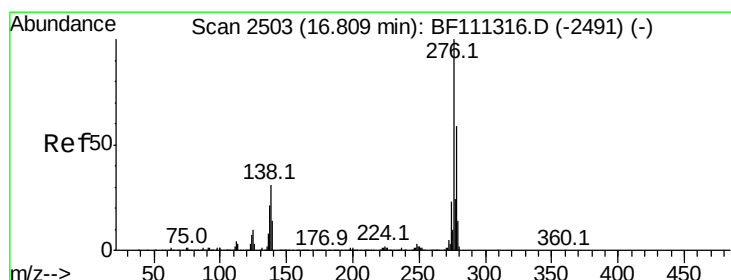
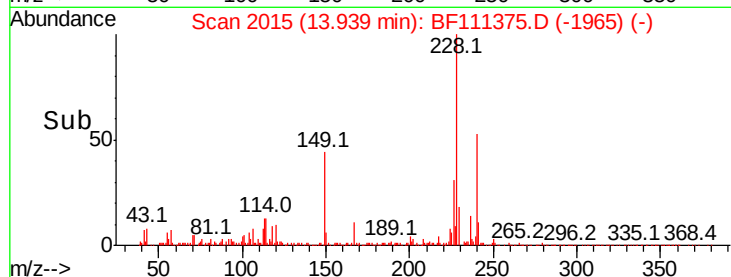
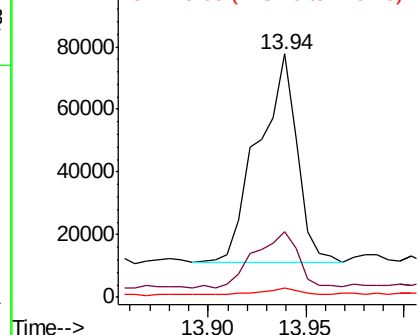


Abundance

Ion 149.00 (148.70 to 149.70): E

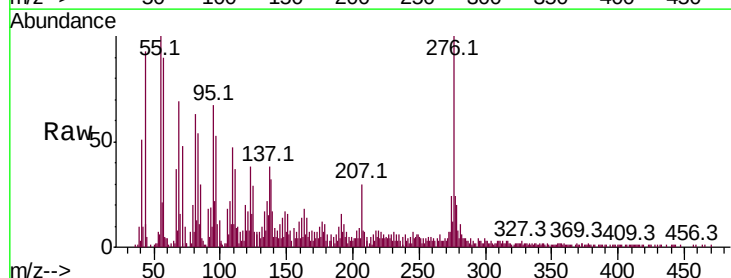
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.772 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	24.3	20.1	30.1

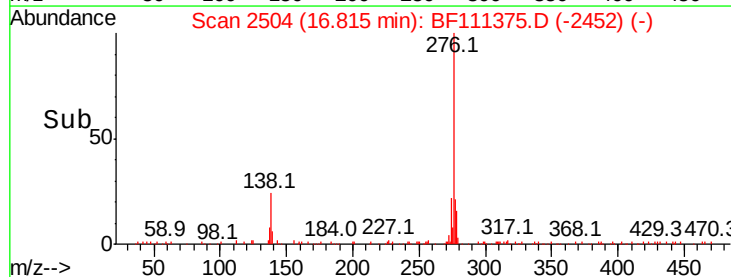
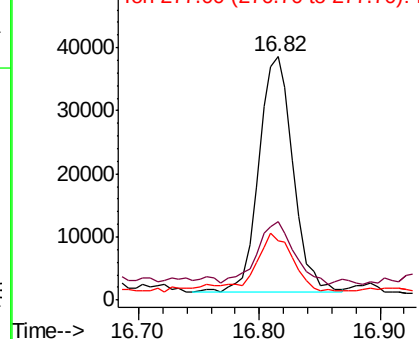


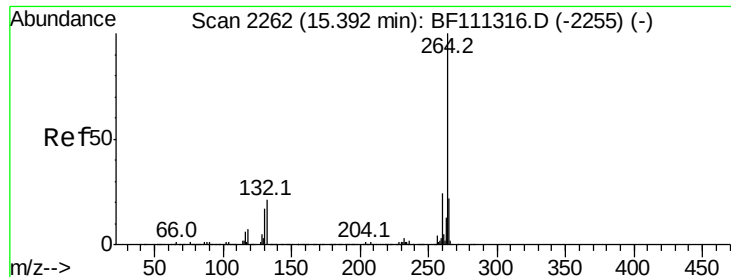
Abundance

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





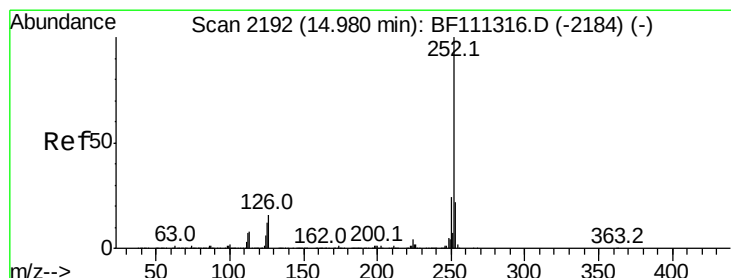
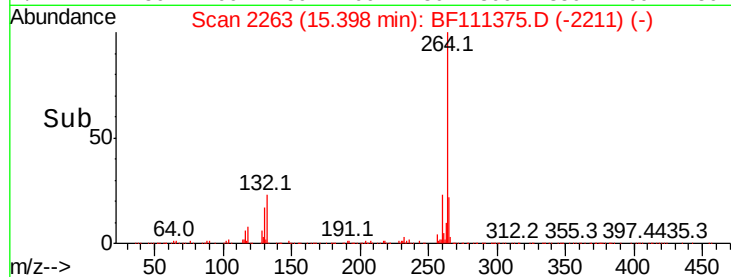
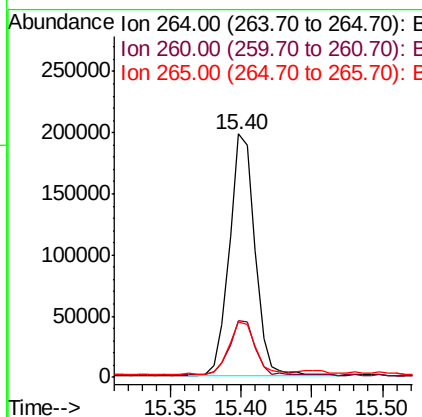
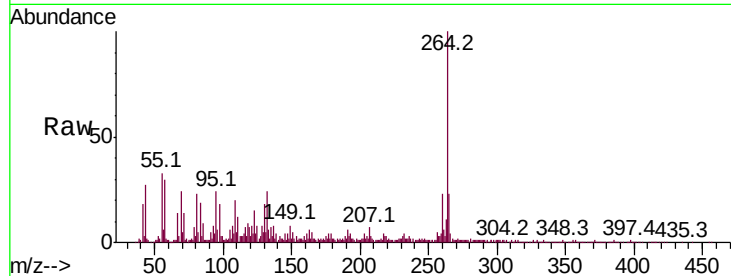
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.6	17.7	26.5

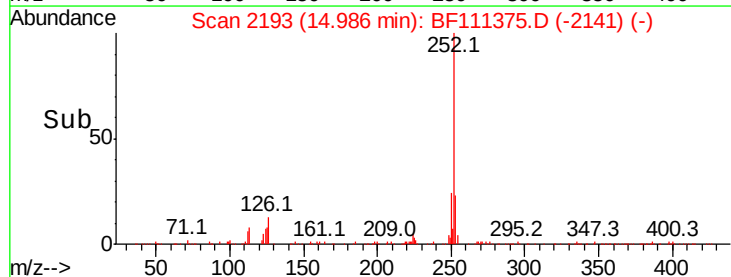
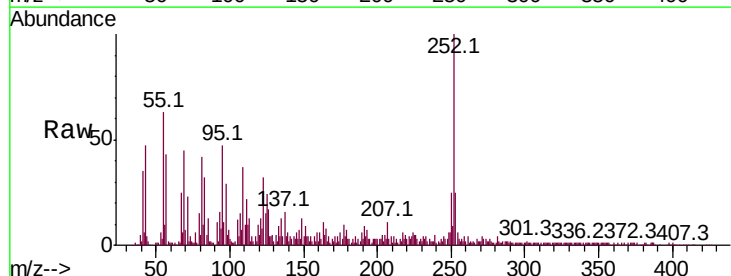
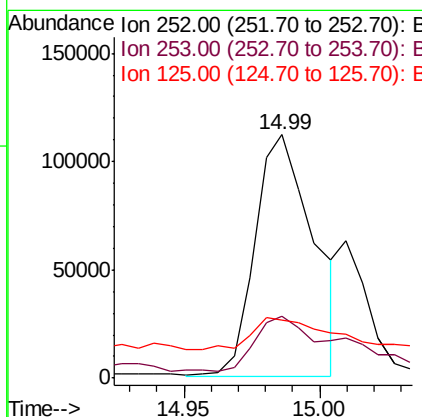
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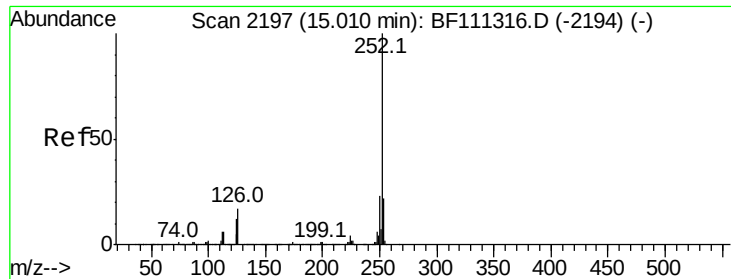
Sohil
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#88
Benzo(b)fluoranthene
Concen: 11.701 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	23.8	10.4	15.6





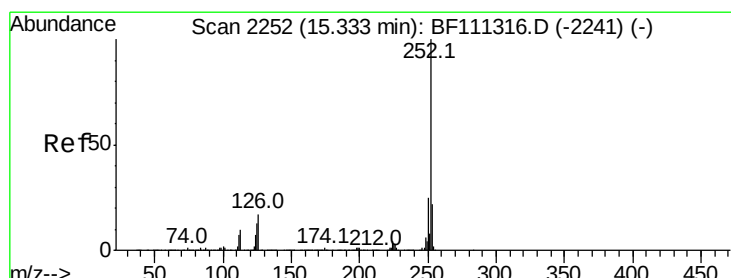
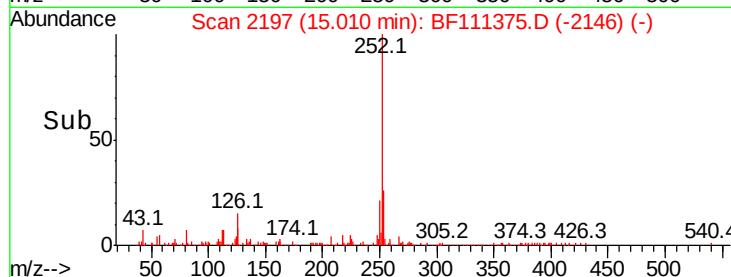
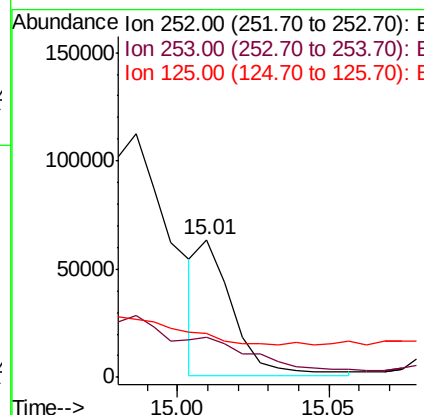
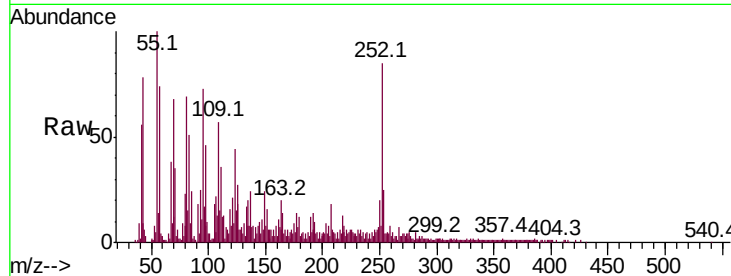
#89
Benzo(k)fluoranthene
Concen: 3.506 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.1	27.1#
125	31.8	9.8	14.8#

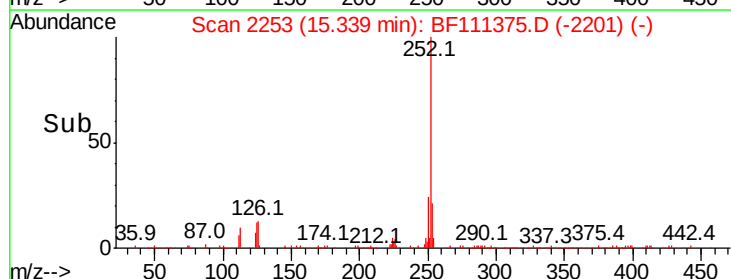
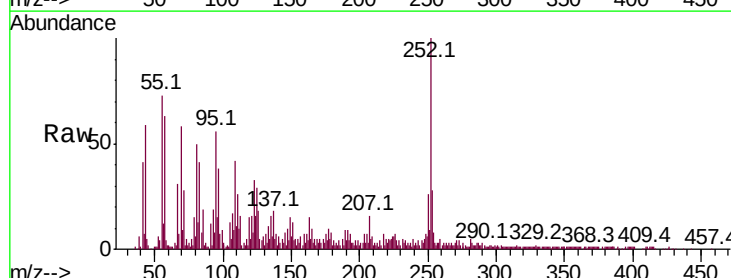
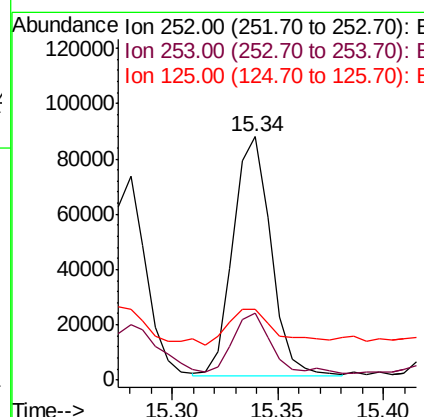
Manual Integrations
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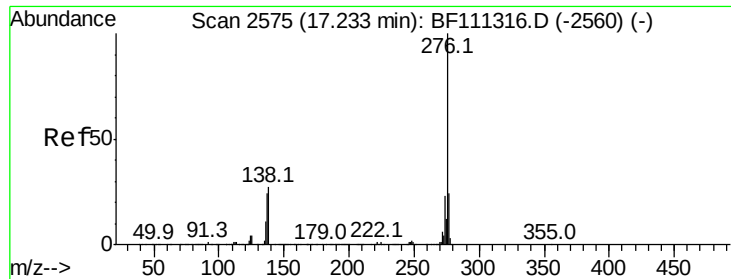
Sohil
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#90
Benzo(a)pyrene
Concen: 8.056 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111375.D
Acq: 13 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	28.9	12.3	18.5#





#92
 Benzo(a,h,i)perylene
 Concen: 7.709 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BF111375.D
 Acq: 13 Dec 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	27.9	24.9	37.3

Manual Integrations
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