

Data File : BF111723.D
Acq On : 26 Dec 2018 19:41
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07A

Manual Integrations
APPROVED

Sohil
12/27/2018 8:22:26 AM

Quant Time: Dec 27 01:10:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	210190	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	765894	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	345457	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	543047	20.00	ng	0.00
76) Chrysene-d12	14.06	240	450770	20.00	ng	0.00
87) Perylene-d12	15.54	264	337511	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1169470	94.84	ng	0.02
7) Phenol-d6	6.54	99	1478282	94.20	ng	0.02
23) Nitrobenzene-d5	7.46	82	959146	72.89	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	340455	83.41	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1545225	65.20	ng	0.00
79) Terphenyl-d14	13.00	244	1164624	49.00	ng	0.00
Target Compounds						
10) Phenol	6.55	94	108953	6.153	ng	88
50) Dimethylphthalate	9.64	163	136165	5.390	ng	98
71) Phenanthrene	11.44	178	115896	4.024	ng	93
75) Fluoranthene	12.63	202	191119	6.553	ng	95
78) Pyrene	12.86	202	174459	5.481	ng	96
81) Benzo(a)anthracene	14.04	228	97107	3.775	ng	98
83) Chrysene	14.08	228	91630	3.624	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	306730	18.767	ng	# 97
86) Indeno(1,2,3-cd)pyrene	17.03	276	44036	2.049	ng	# 88
88) Benzo(b)fluoranthene	15.10	252	111669m	5.661	ng	
90) Benzo(a)pyrene	15.47	252	64472	3.598	ng	95
92) Benzo(g,h,i)perylene	17.48	276	43704	2.852	ng	# 85

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

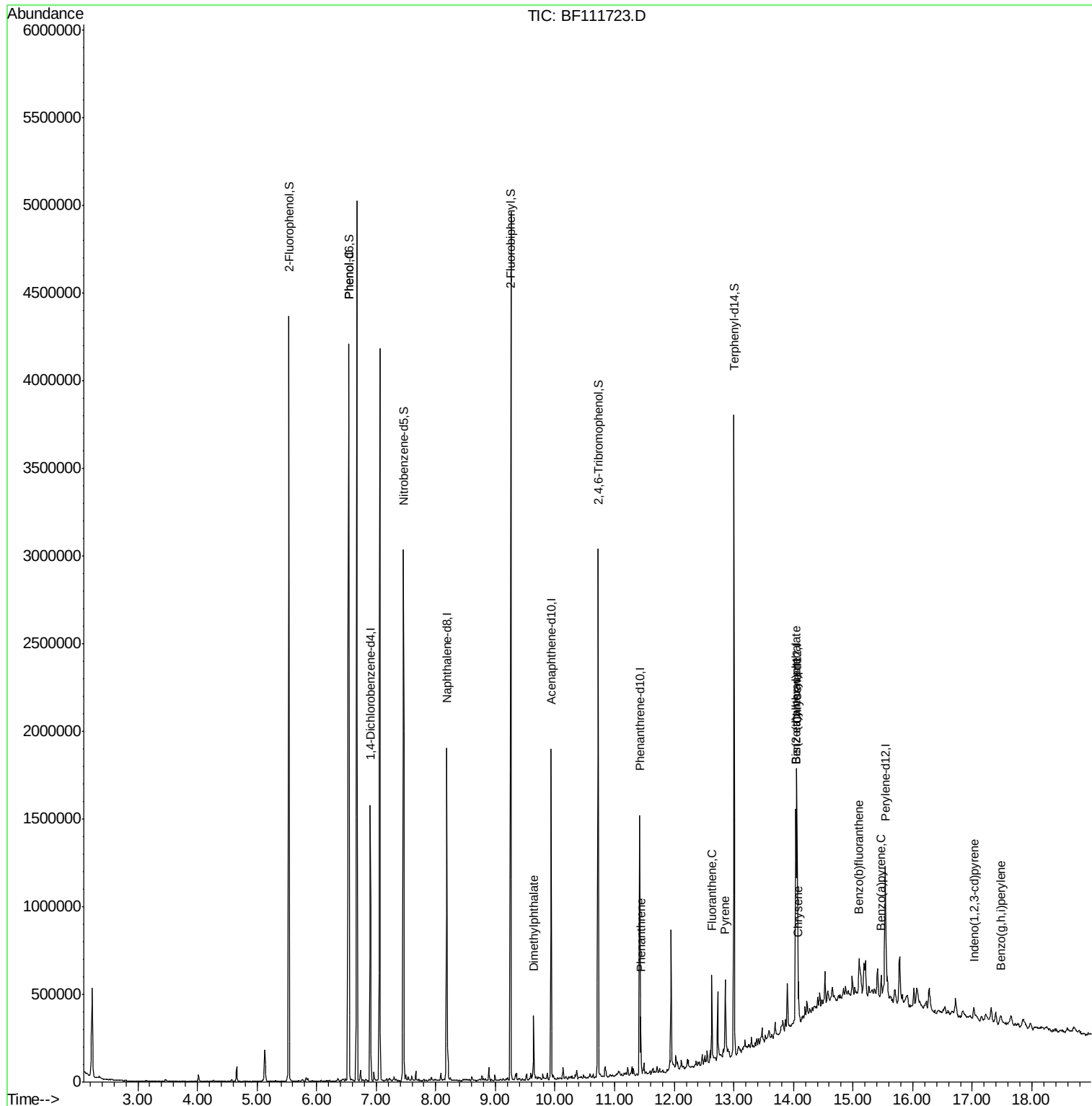
Data File : BF111723.D
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Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

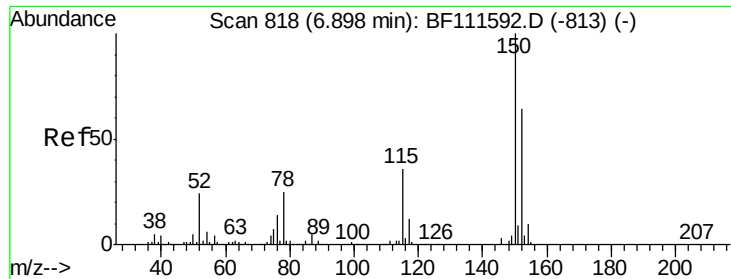
Instrument :
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Quant Time: Dec 27 01:10:50 2018
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#1

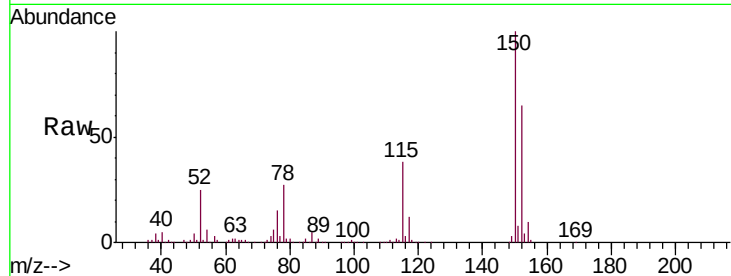
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampled :
SB-07A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.6	189.8
115	59.0	50.7	76.1

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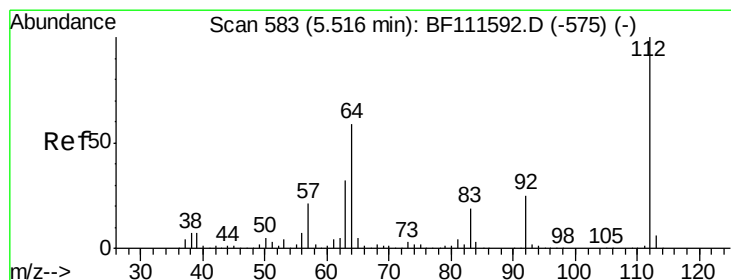
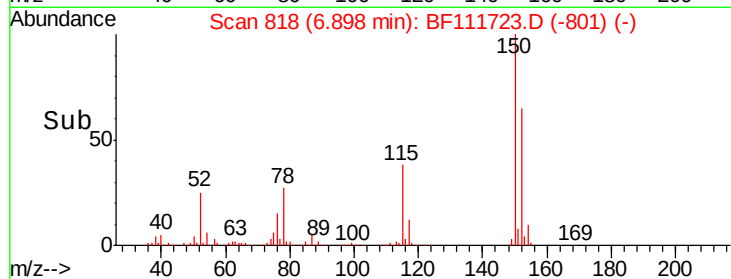
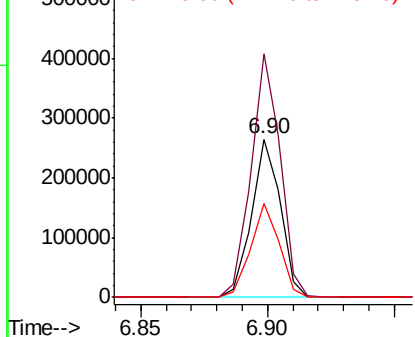


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

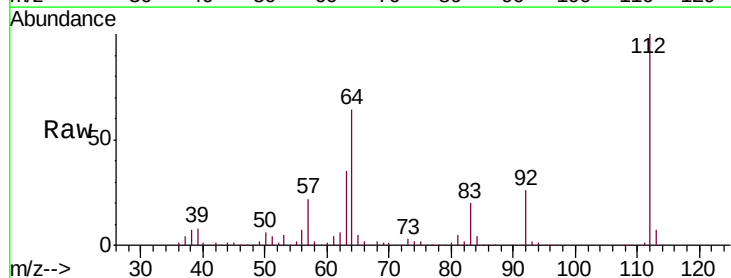
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.838 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	51.8	77.6
63	35.1	26.8	40.2

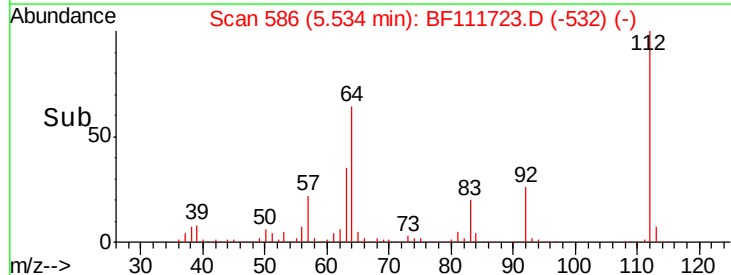
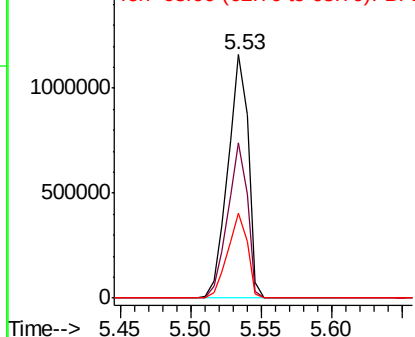


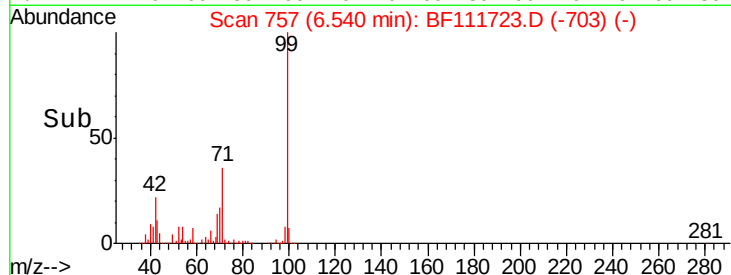
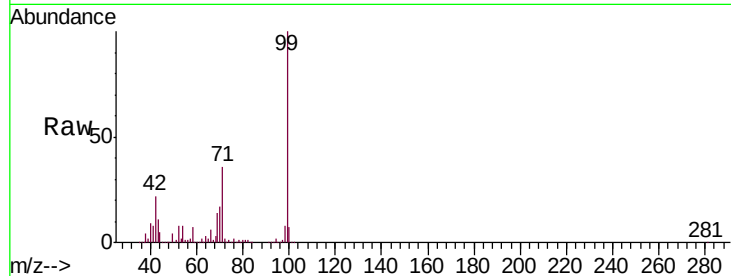
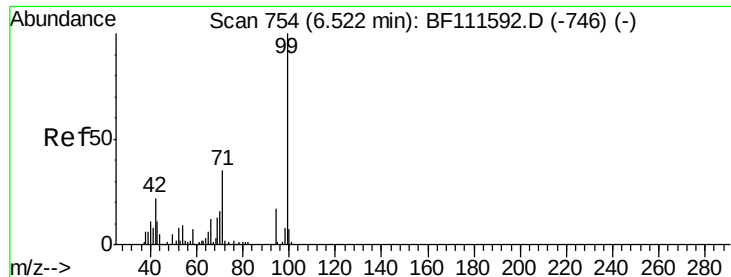
Abundance

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: 94.198 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111723.D

Acq: 26 Dec 2018 19:41

Tgt Ion:	99	Resp:	1478282
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	36.3	26.1	39.1

Instrument :

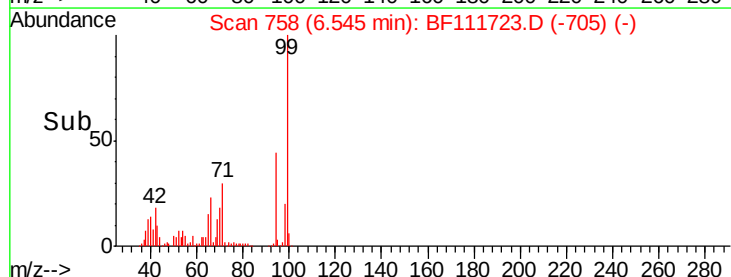
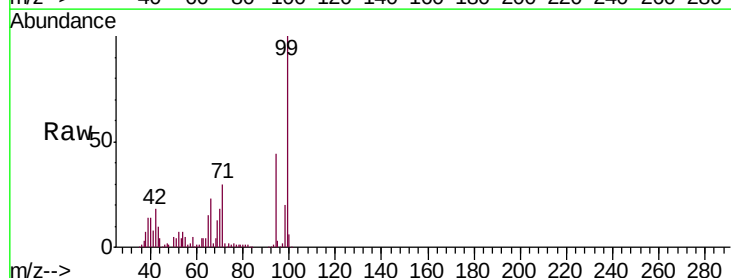
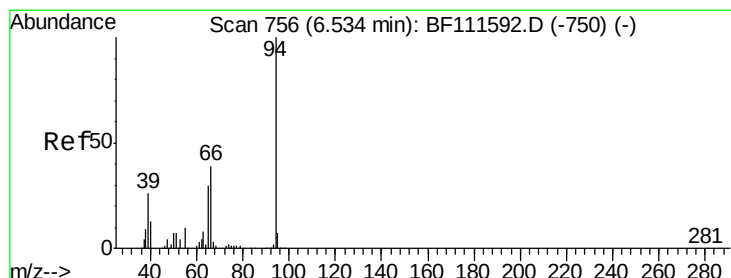
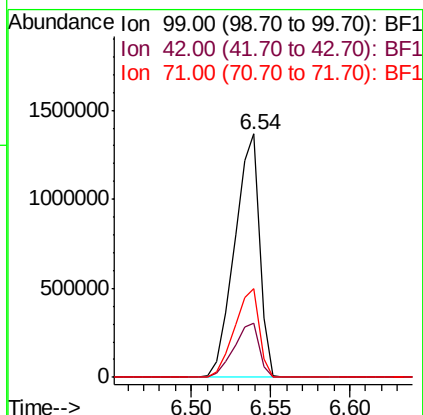
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#10

Phenol

Concen: 6.153 ng

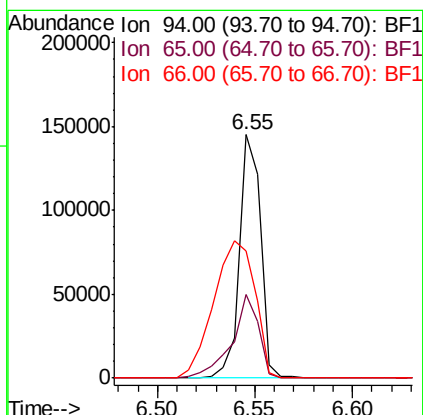
RT: 6.55 min Scan# 758

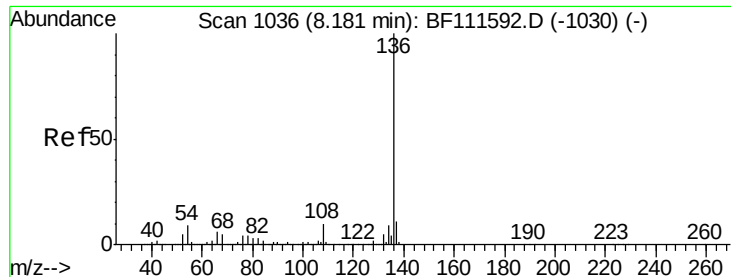
Delta R.T. 0.01 min

Lab File: BF111723.D

Acq: 26 Dec 2018 19:41

Tgt Ion:	94	Resp:	108953
Ion	Ratio	Lower	Upper
94	100		
65	34.4	11.7	51.7
66	52.2	21.0	61.0





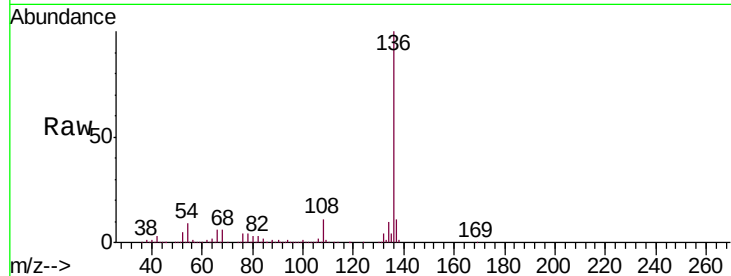
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampled :
SB-07A

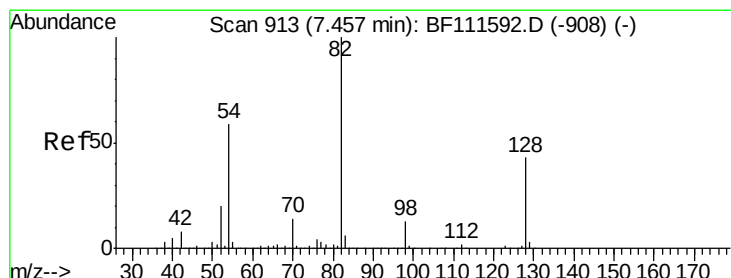
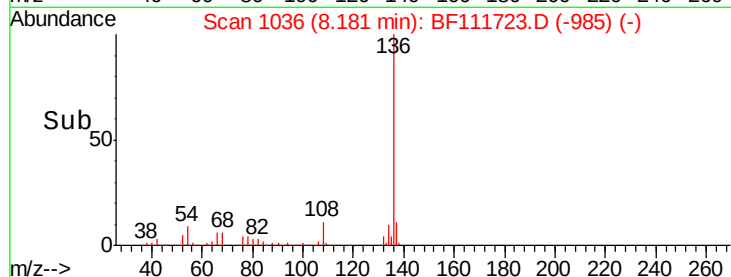
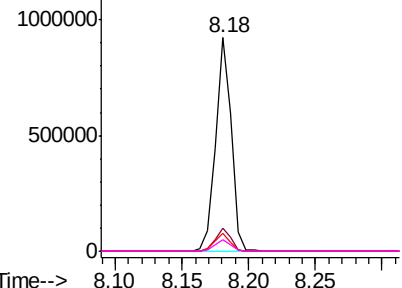
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.7	7.7	11.5
68	5.7	4.9	7.3

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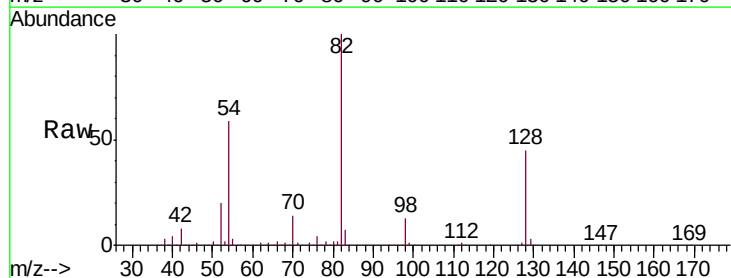


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

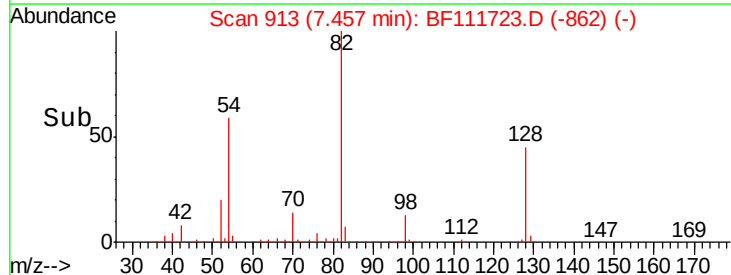
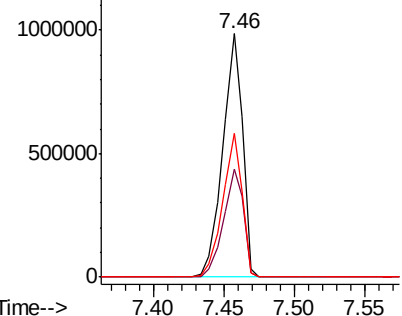


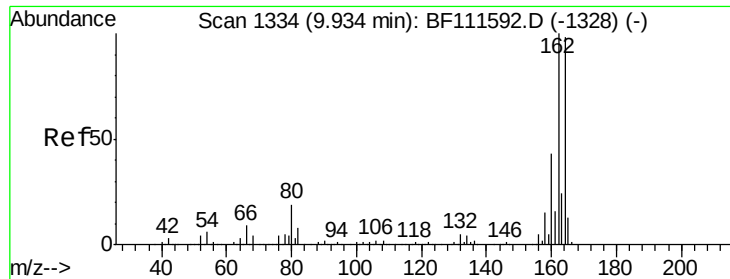
#23
Nitrobenzene-d5
Concen: 72.895 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.6	37.4	56.2
54	59.1	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





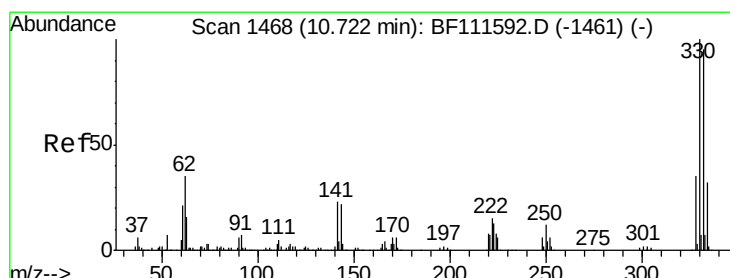
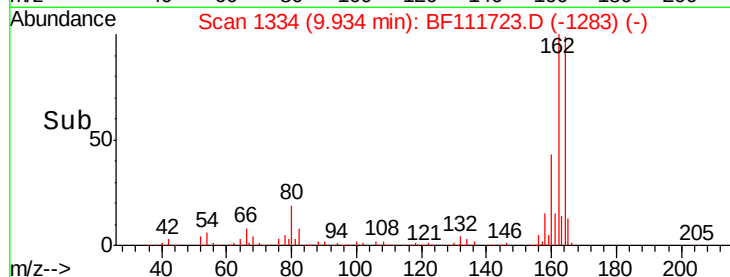
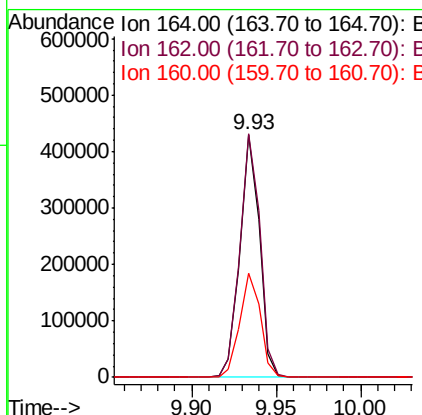
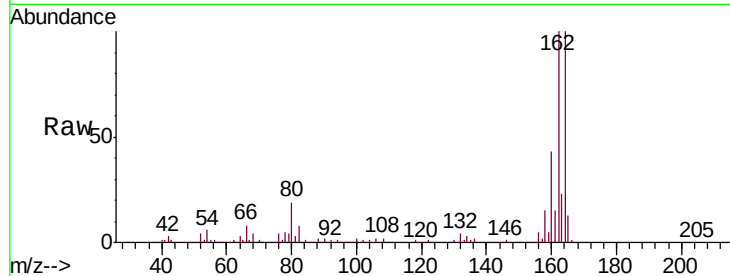
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF111723.D
 Acq: 26 Dec 2018 19:41

Instrument :
 BNA_F
 ClientSampled :
 SB-07A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	345457		
162	100.4	81.4	122.0	
160	43.0	35.7	53.5	

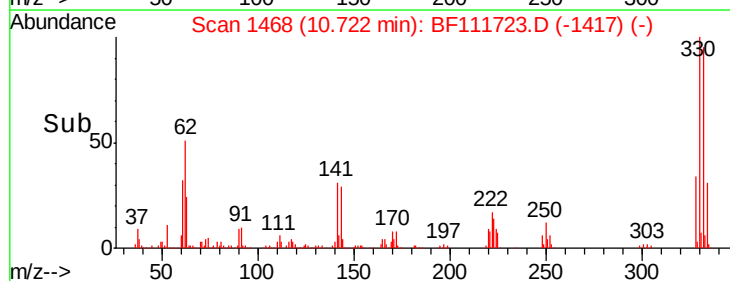
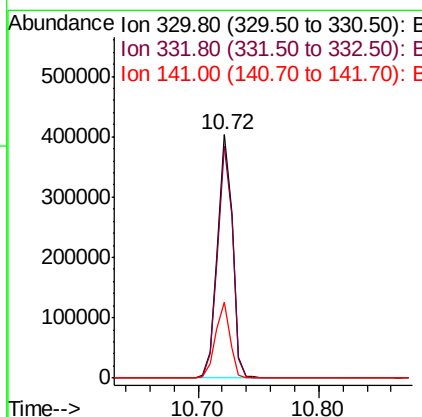
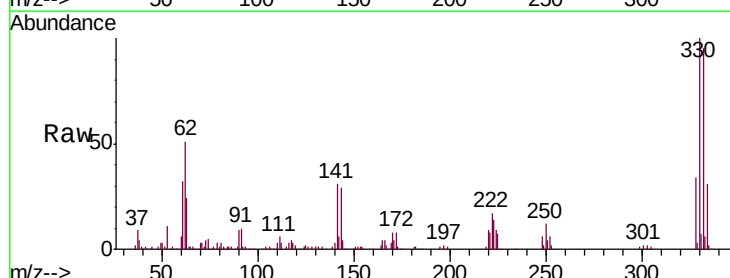
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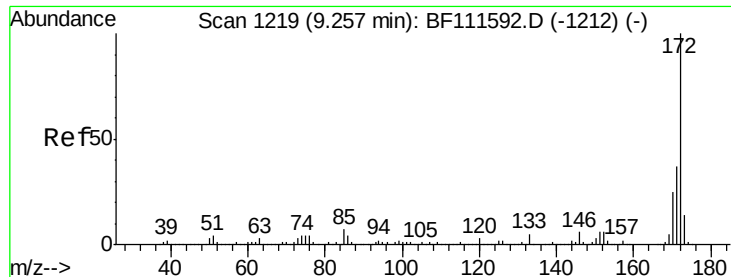
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#42
 2,4,6-Tribromophenol
 Concen: 83.407 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111723.D
 Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	340455		
332	96.1	76.0	114.0	
141	29.9	31.0	46.6	





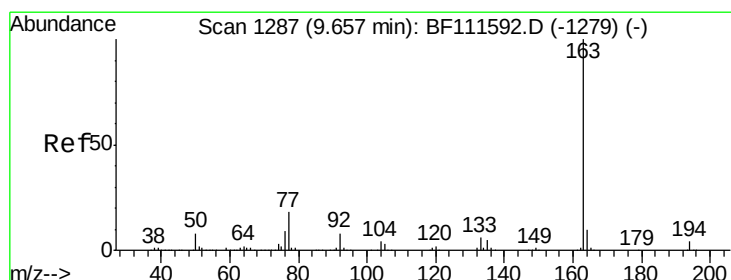
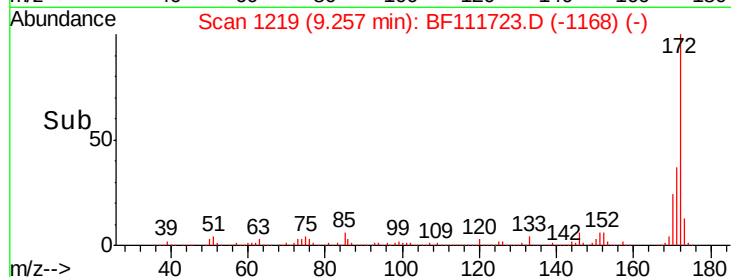
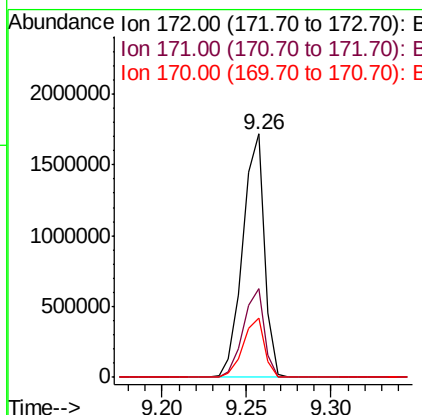
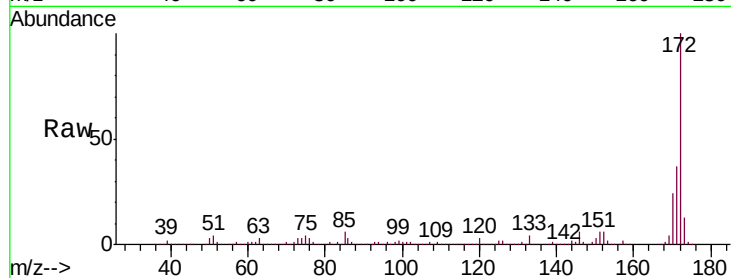
#45
2-Fluorobiphenyl
Concen: 65.197 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampleId :
SB-07A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.2	22.3	33.5

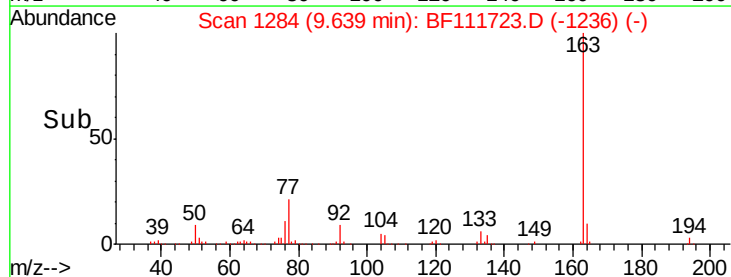
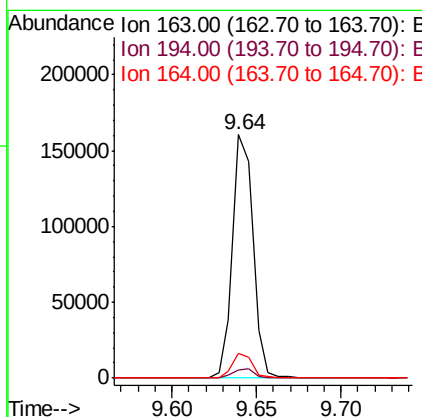
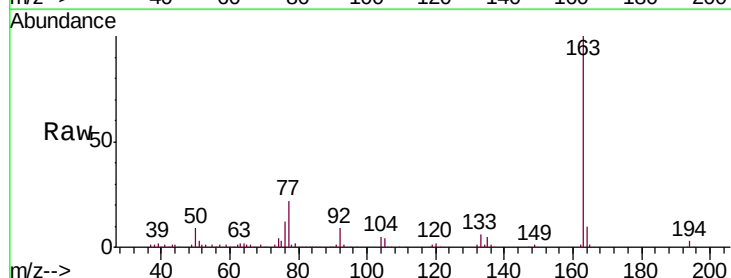
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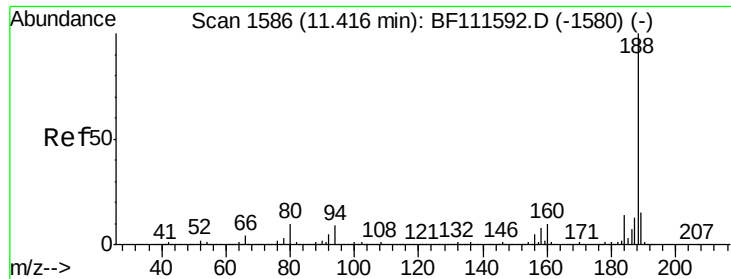
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#50
Dimethylphthalate
Concen: 5.390 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.3	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111723.D

Acq: 26 Dec 2018 19:41

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:188 Resp: 543047
Ion Ratio Lower Upper

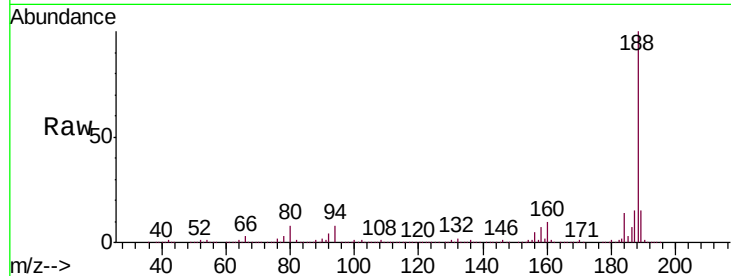
188 100

94 7.6 9.6 14.4#

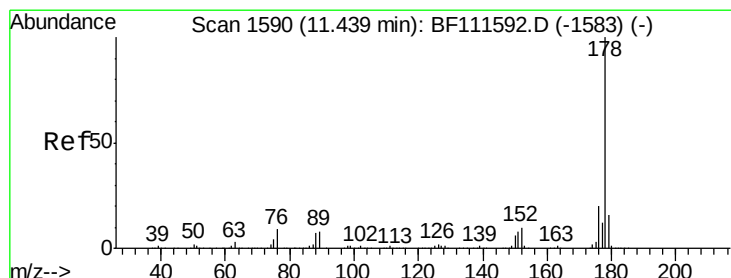
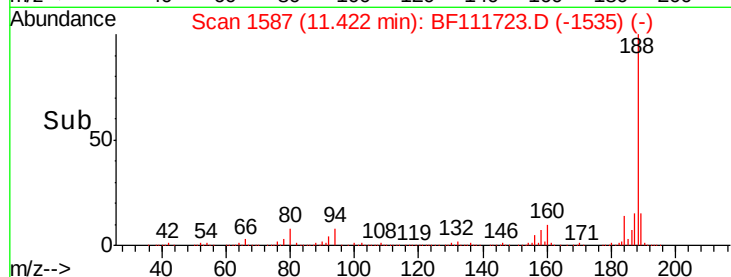
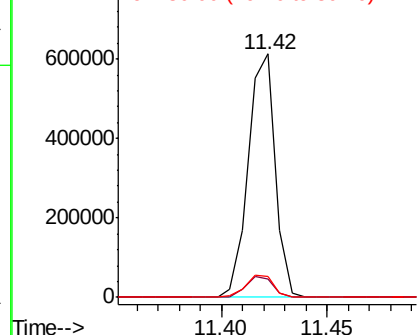
80 8.4 9.8 14.6#

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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: 4.024 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF111723.D

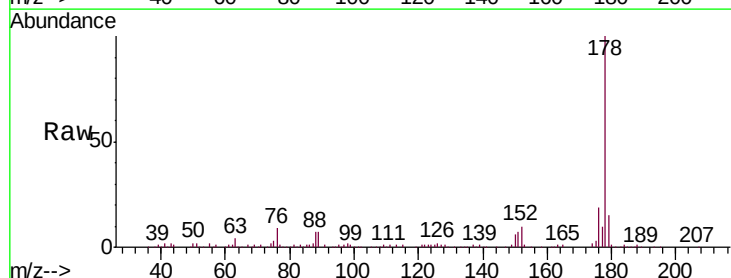
Acq: 26 Dec 2018 19:41

Tgt Ion:178 Resp: 115896
Ion Ratio Lower Upper

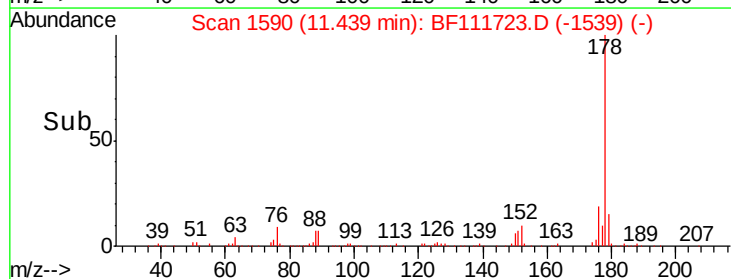
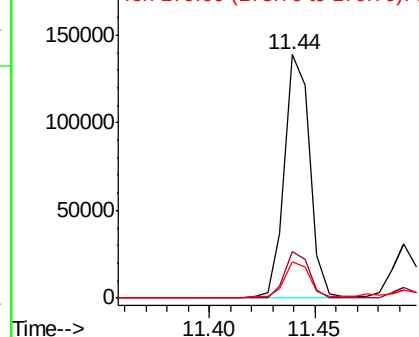
178 100

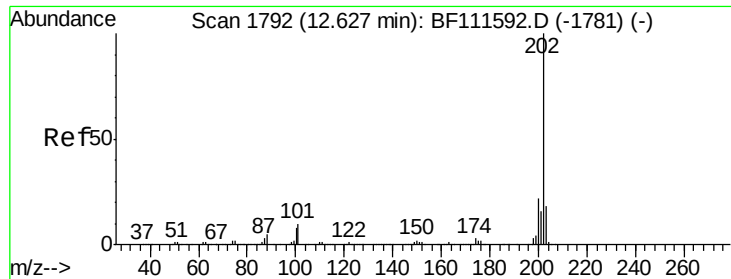
176 19.1 18.1 27.1

179 15.1 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





#75

Fluoranthene

Concen: 6.553 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF111723.D

Acq: 26 Dec 2018 19:41

Instrument :

BNA_F

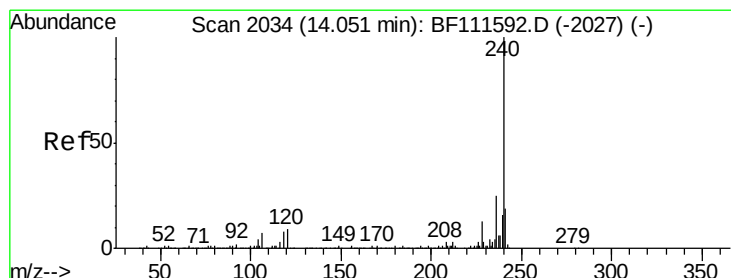
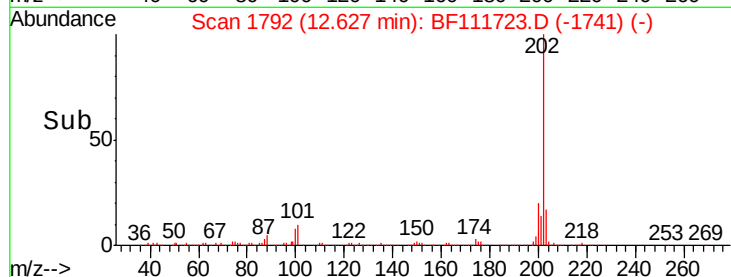
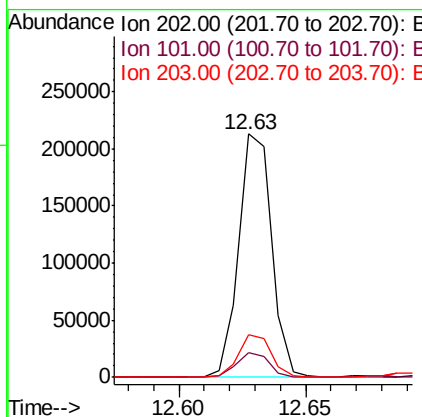
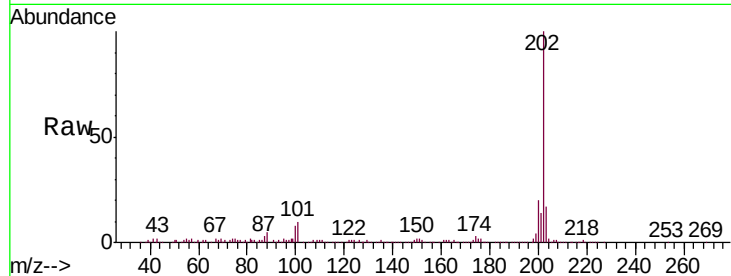
ClientSampled :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		191119		
101	10.3	0.0	33.8		
203	17.4	0.0	38.6		

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#76

Chrysene-d12

Concen: 20.000 ng

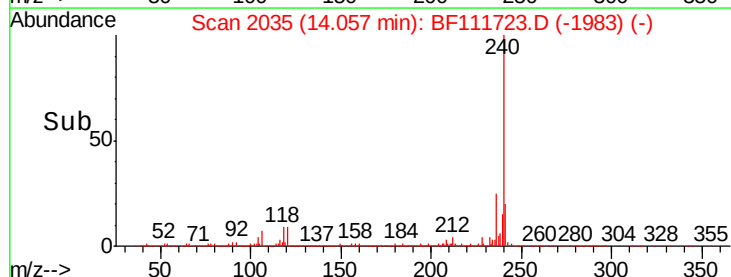
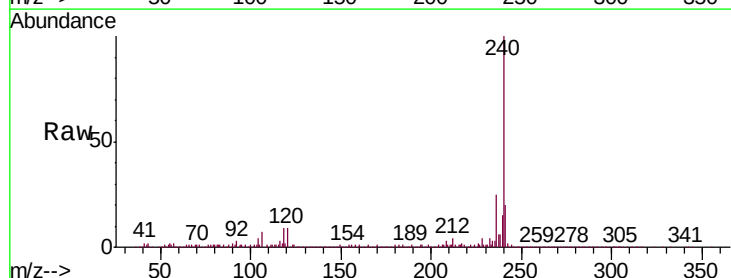
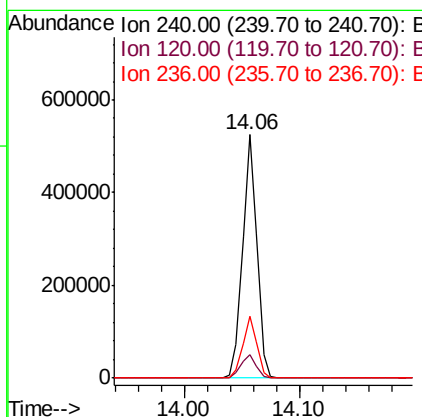
RT: 14.06 min Scan# 2035

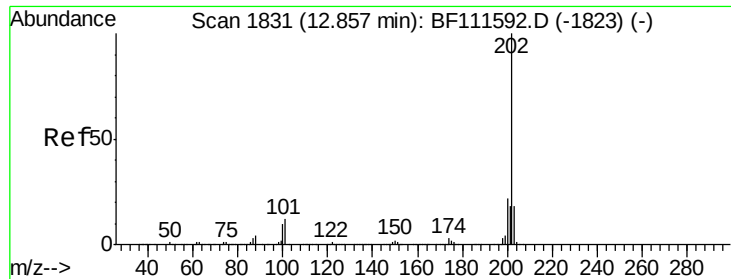
Delta R.T. 0.01 min

Lab File: BF111723.D

Acq: 26 Dec 2018 19:41

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		450770		
120	9.4	12.2	18.2#		
236	25.3	20.2	30.2		





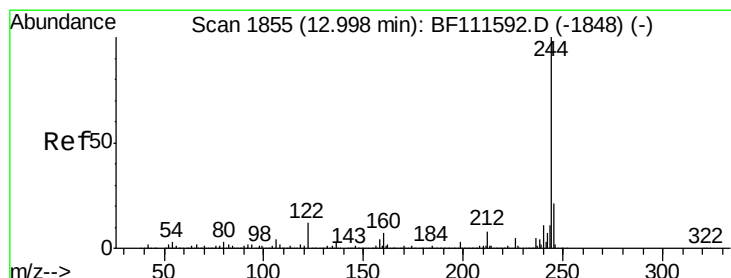
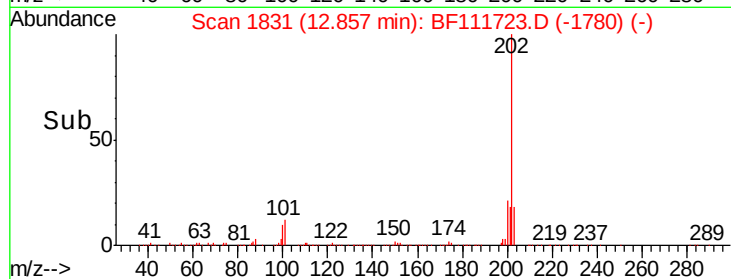
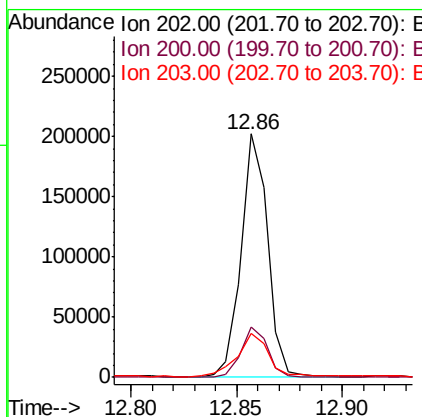
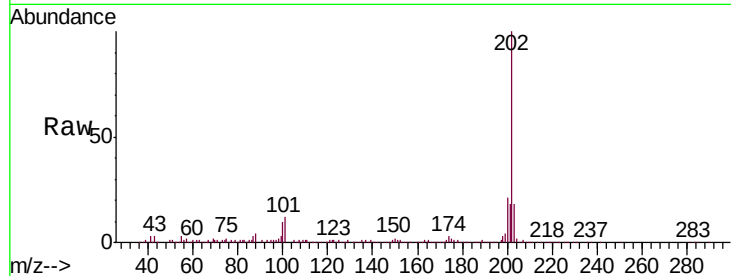
#78
 Pyrene
 Concen: 5.481 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF111723.D
 Acq: 26 Dec 2018 19:41

Instrument :
 BNA_F
 ClientSampled :
 SB-07A

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.0	28.4
203	18.0	15.2	22.8

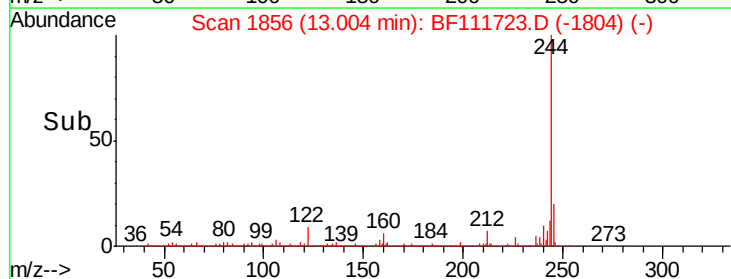
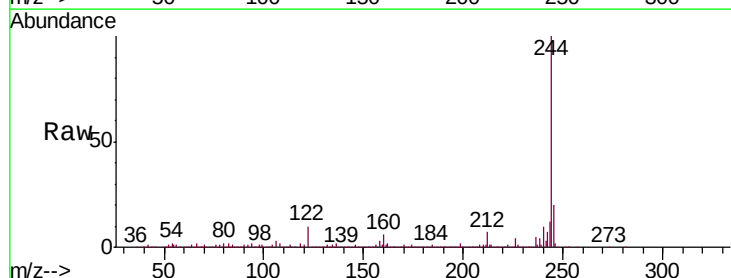
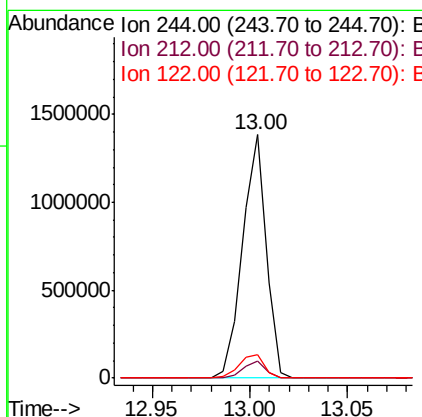
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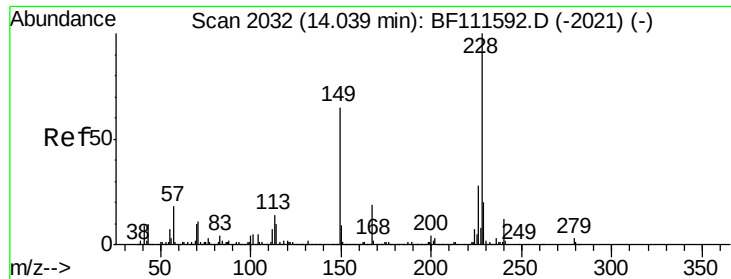
Sohil
 12/27/2018 8:22:26 AM



#79
 Terphenyl-d14
 Concen: 48.996 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111723.D
 Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.5	13.1	19.7#





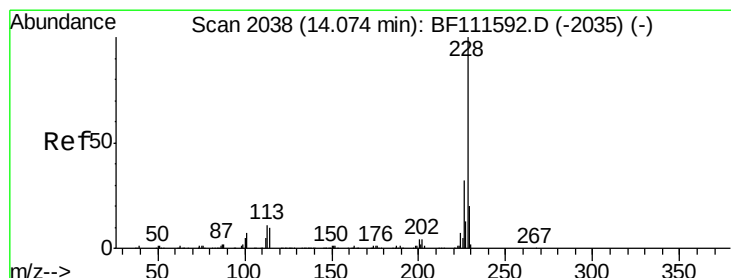
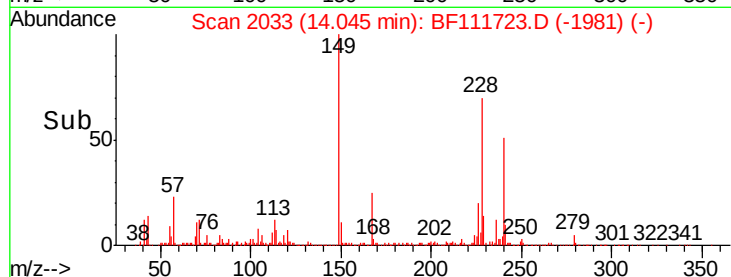
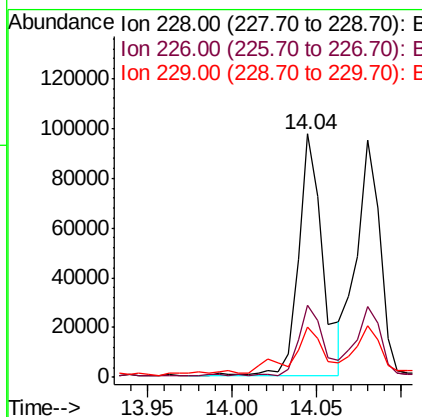
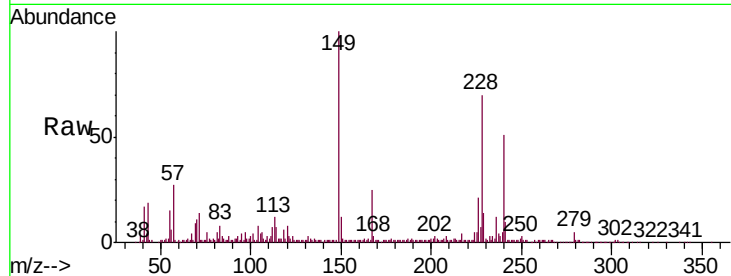
#81
Benzo(a)anthracene
Concen: 3.775 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampled :
SB-07A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	34.0
229	20.6	16.3	24.5

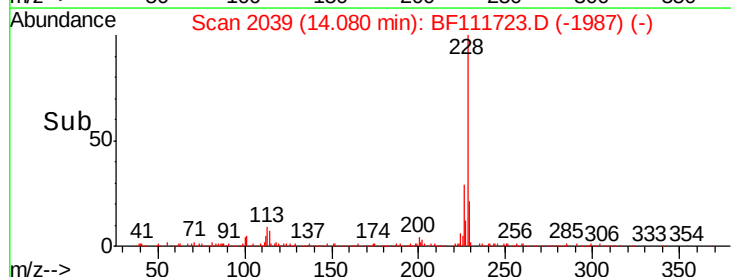
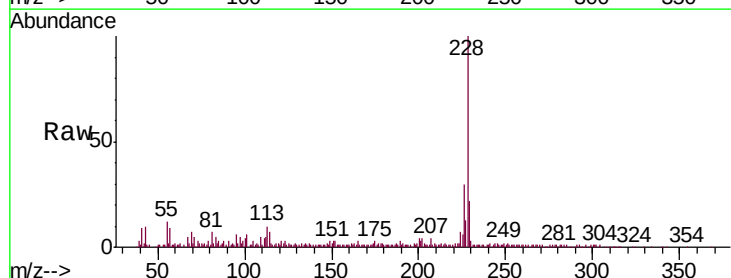
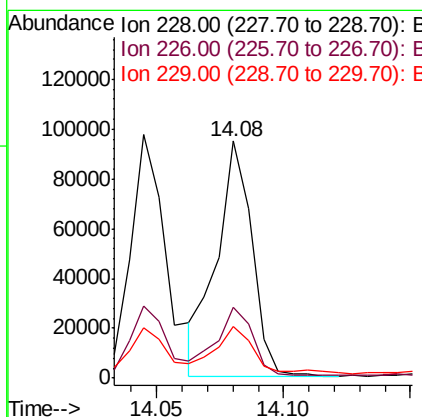
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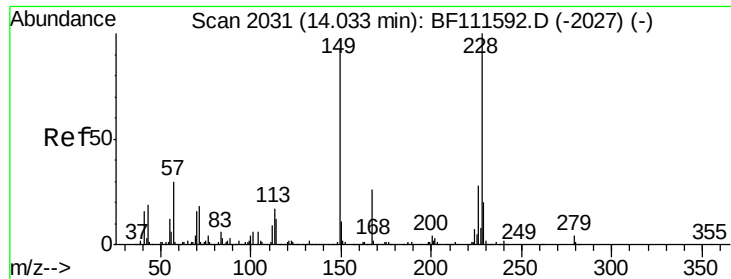
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#83
Chrysene
Concen: 3.624 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.3	37.9
229	22.0	17.2	25.8





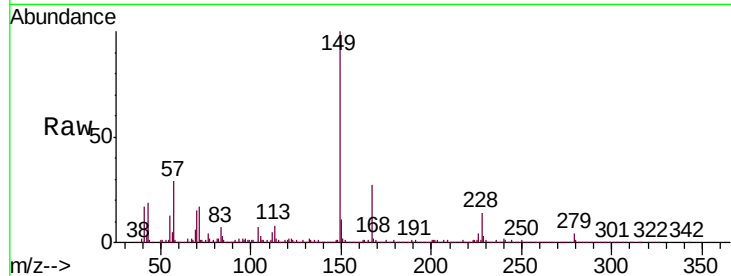
#84
Bis(2-ethylhexyl)phthalate
Concen: 18.767 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampleId :
SB-07A

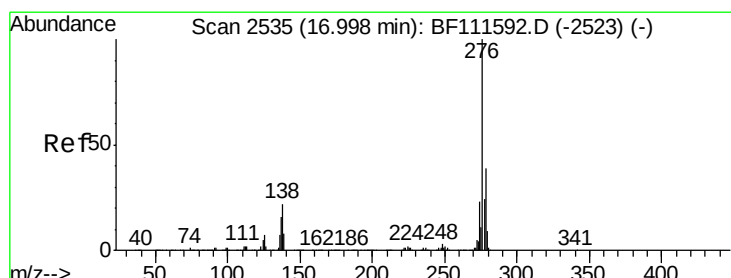
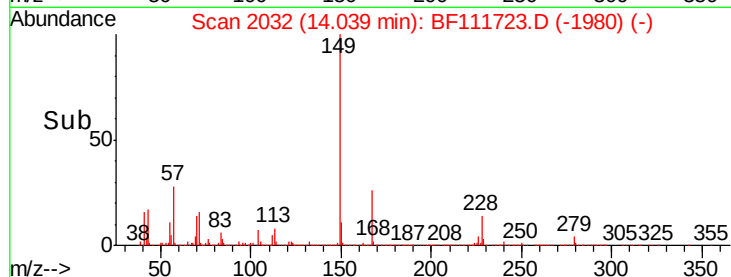
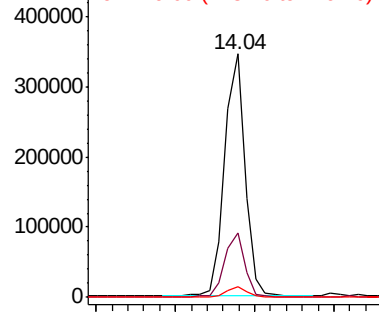
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.5	22.5	33.7
279	4.3	2.6	4.0#

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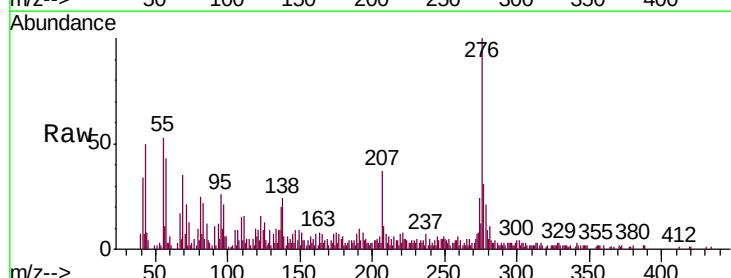


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

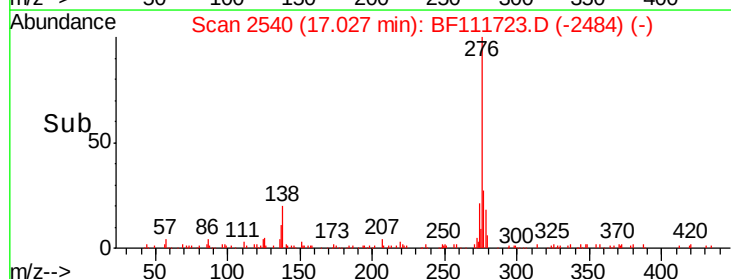
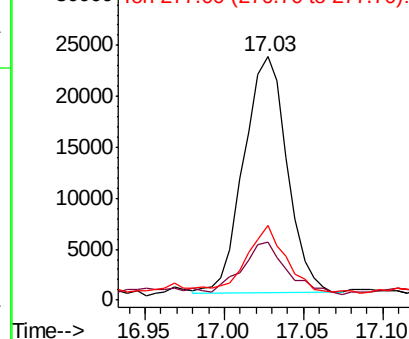


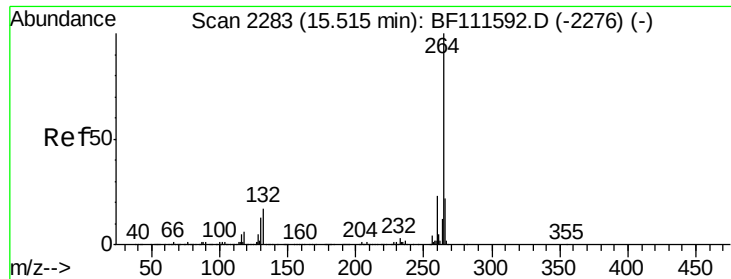
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.049 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	22.9	27.8	41.6#
277	25.6	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





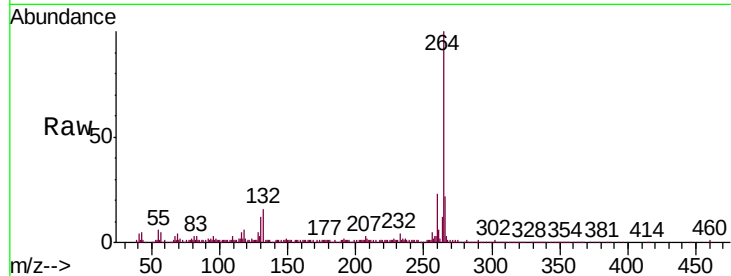
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampleId :
SB-07A

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	18.3	27.5
265	22.3	17.7	26.5

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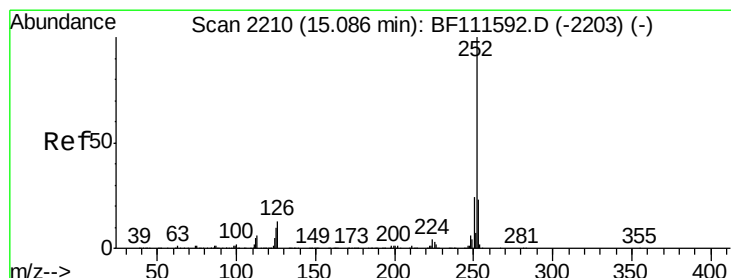
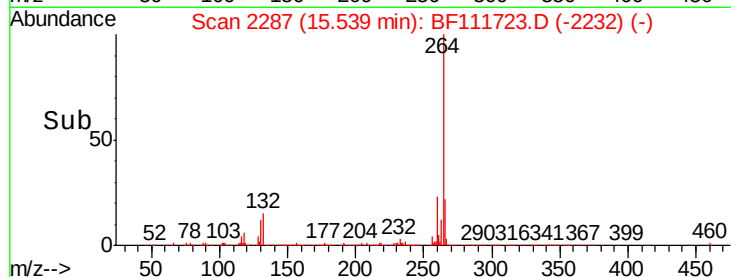
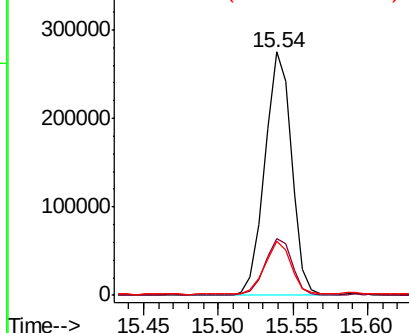


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.661 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

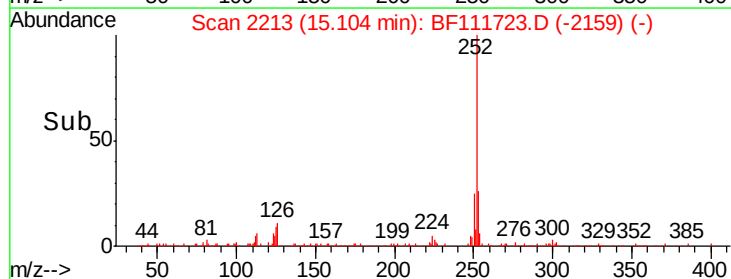
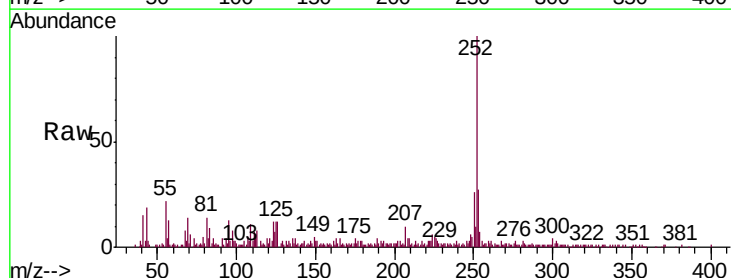
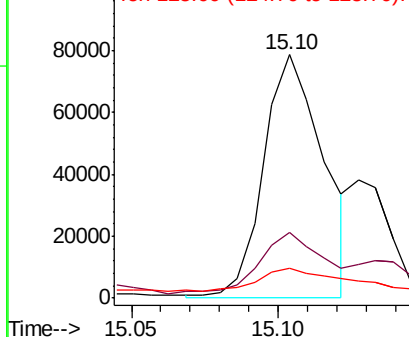
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.1	18.2	27.2
125	12.3	10.4	15.6

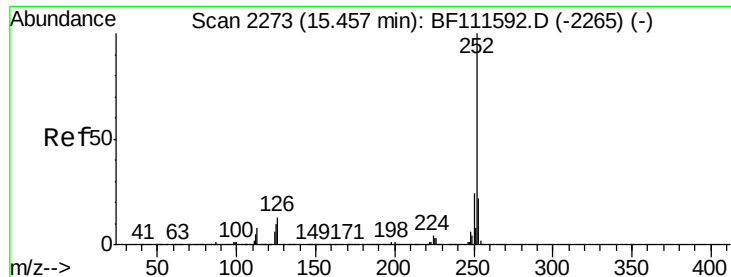
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





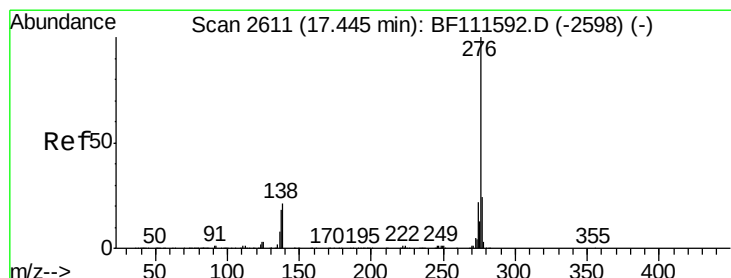
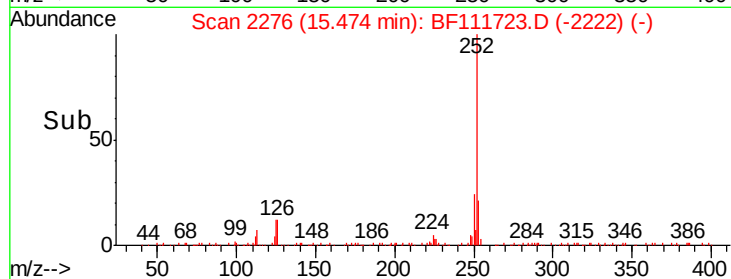
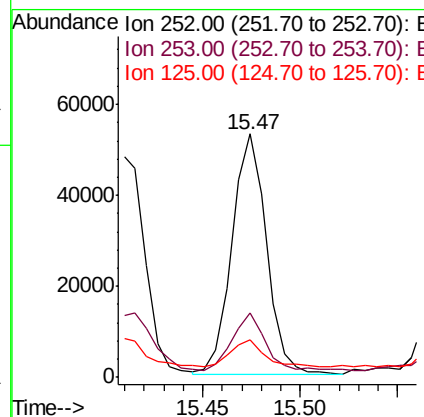
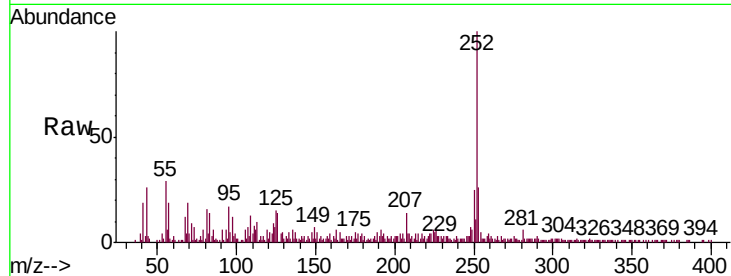
#90
Benzo(a)pyrene
Concen: 3.598 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Instrument :
BNA_F
ClientSampleId :
SB-07A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	15.4	12.3	18.5

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#92
Benzo(g,h,i)perylene
Concen: 2.852 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.04 min
Lab File: BF111723.D
Acq: 26 Dec 2018 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	20.1	24.9	37.3

