

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113093.D
 Acq On : 18 Mar 2019 16:32
 Operator : JU/SJ
 Sample : K1933-08 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8

Manual Integrations
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Sohil
 3/19/2019 5:09:46 PM

Quant Time: Mar 19 05:28:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	176647	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	667586	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	339246	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	601044	20.00	ng	0.00
76) Chrysene-d12	13.87	240	489208	20.00	ng	0.00
87) Perylene-d12	15.28	264	506288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	414398	36.49	ng	0.00
7) Phenol-d6	6.37	99	603204	42.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	336881	30.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	162348	45.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	737975	30.10	ng	-0.01
79) Terphenyl-d14	12.82	244	591291	23.43	ng	0.00
Target Compounds						
75) Fluoranthene	12.45	202	83055	2.592	ng	95
78) Pyrene	12.67	202	87173	2.114	ng	99
81) Benzo(a)anthracene	13.86	228	93839	2.768	ng	93
83) Chrysene	13.89	228	117374	3.534	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	75447	3.533	ng	100
88) Benzo(b)fluoranthene	14.87	252	125672m	3.838	ng	
90) Benzo(a)pyrene	15.22	252	128903	4.450	ng	95
92) Benzo(g,h,i)perylene	17.04	276	74115	2.986	ng	96

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

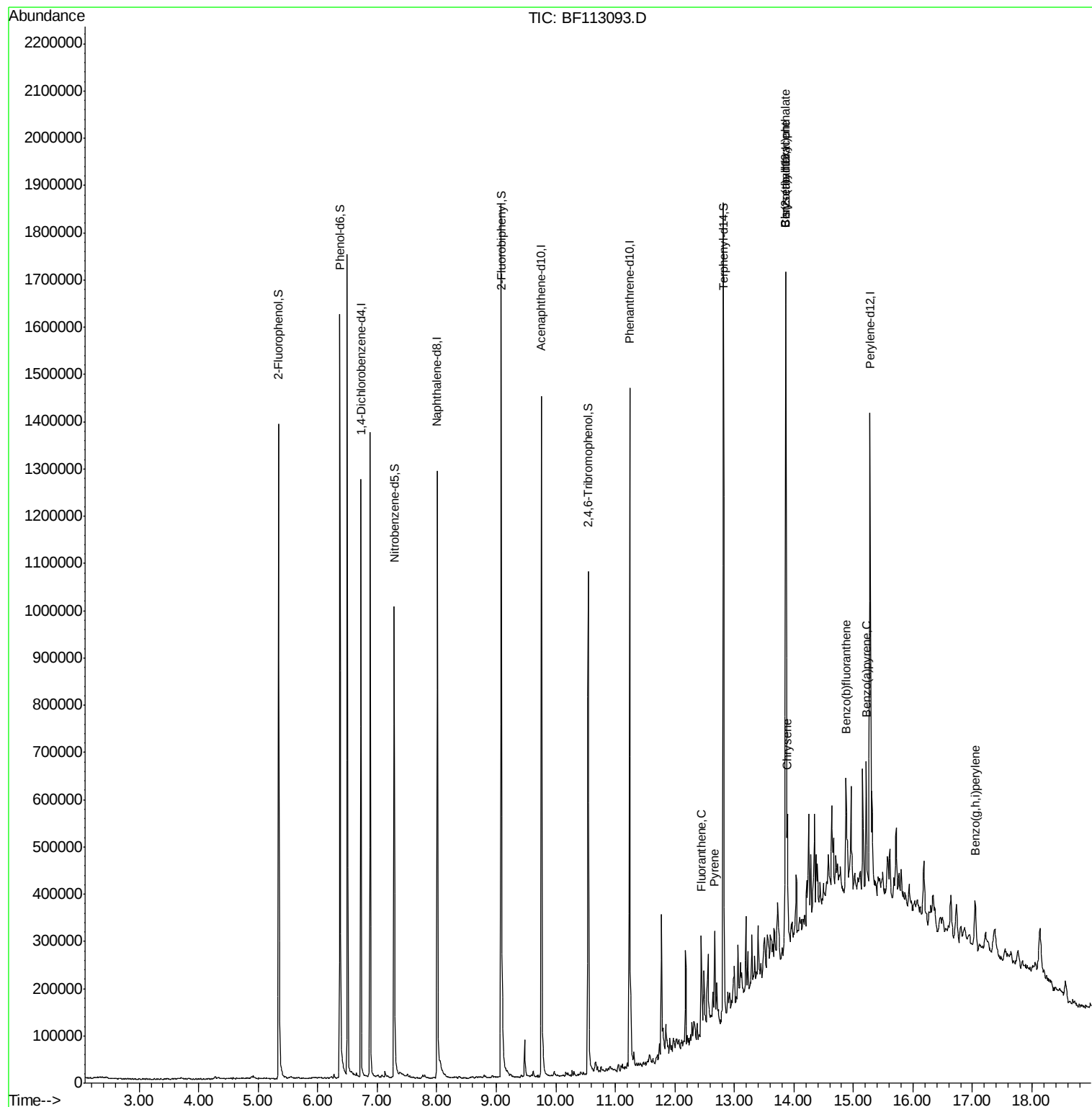
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113093.D
Acq On : 18 Mar 2019 16:32
Operator : JU/SJ
Sample : K1933-08 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

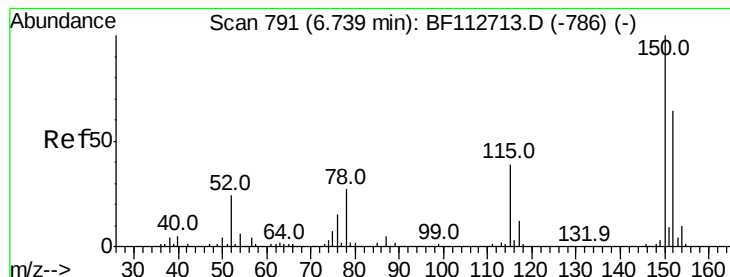
Instrument :
BNA_F
ClientSampled :
S-8

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Quant Time: Mar 19 05:28:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

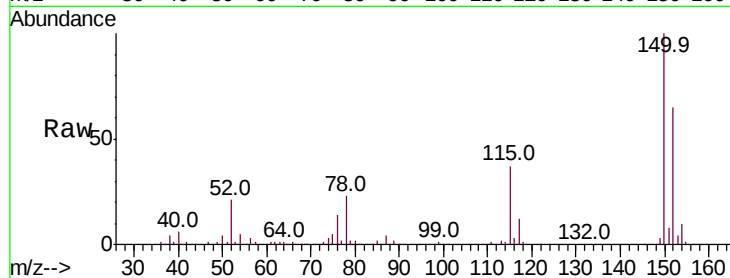
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	56.6	48.2	72.4

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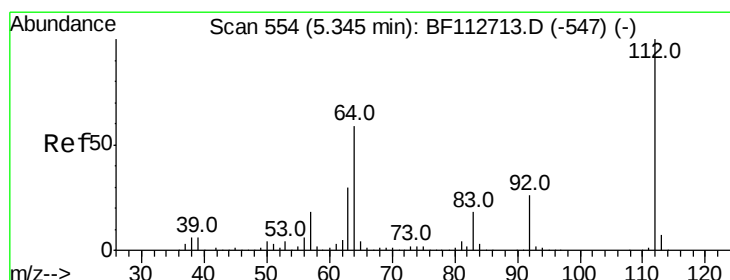
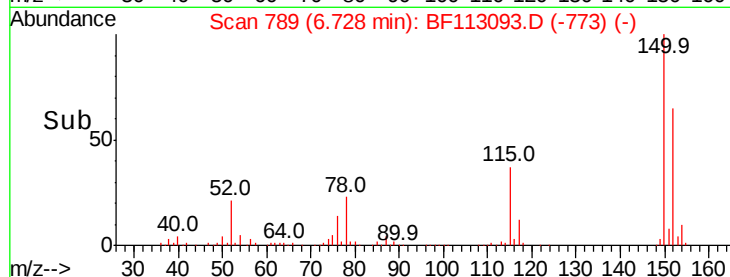
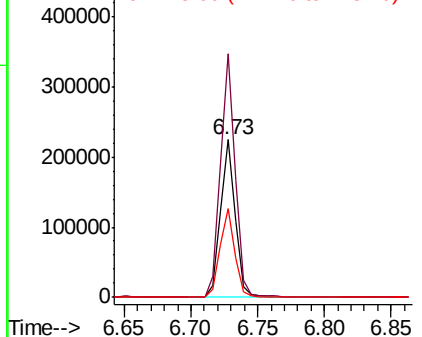


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

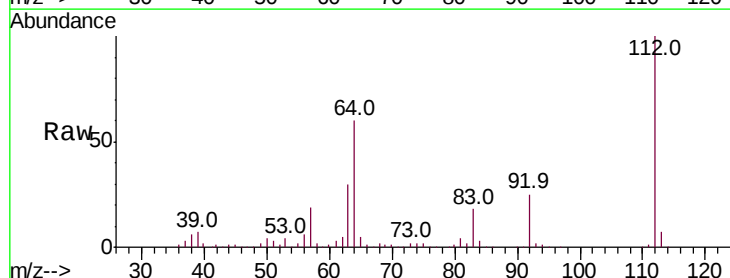
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.492 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.6	71.4
63	30.3	24.4	36.6

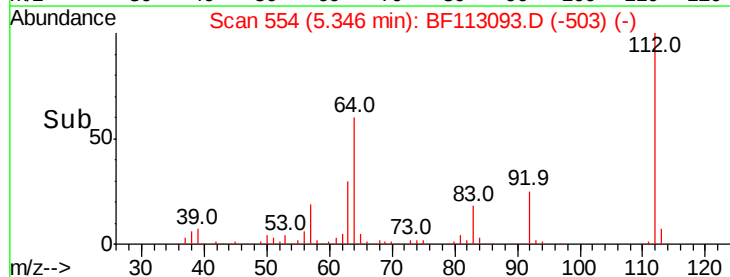
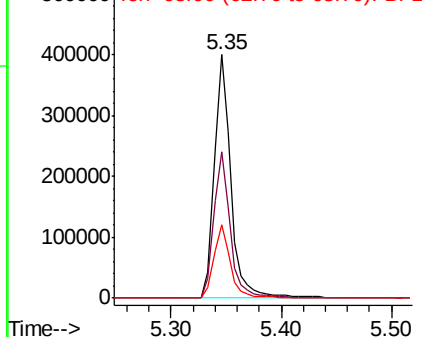


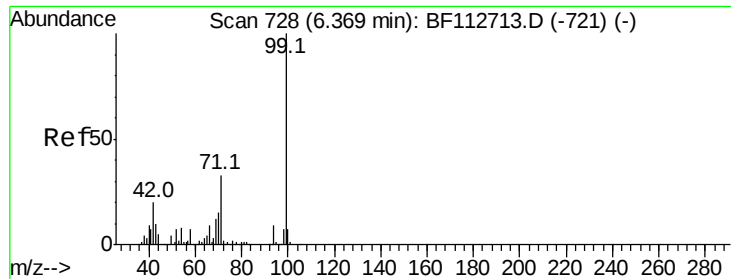
Abundance

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: 42.286 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113093.D

Acq: 18 Mar 2019 16:32

Instrument :

BNA_F

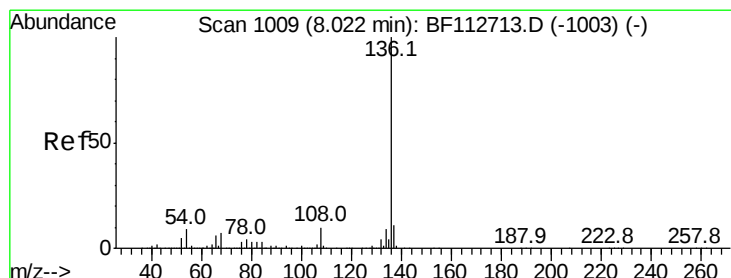
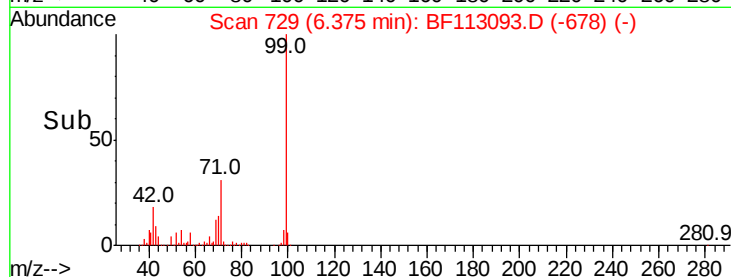
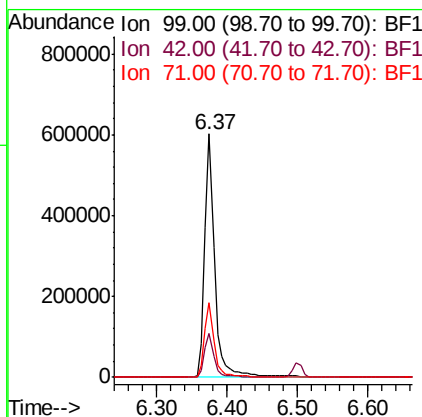
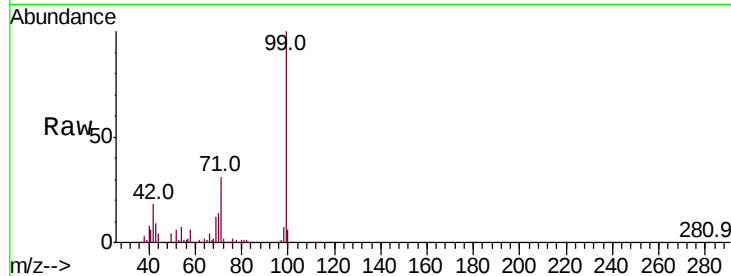
ClientSampleId :

S-8

Tot Ion:	99	Resp:	603204
Ion Ratio	Lower	Upper	
99	100		
42	17.9	16.3	24.5
71	30.8	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

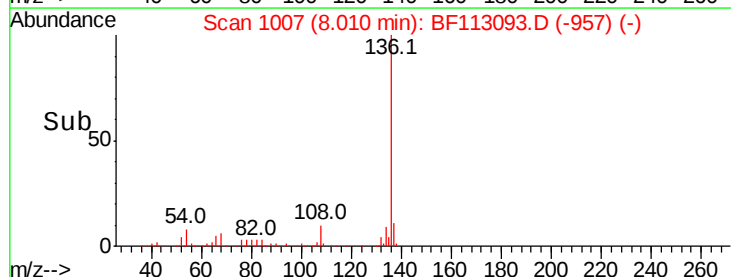
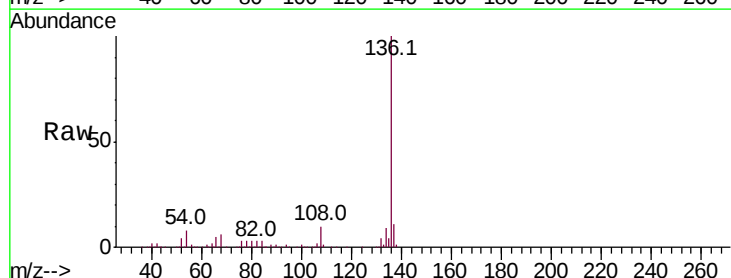
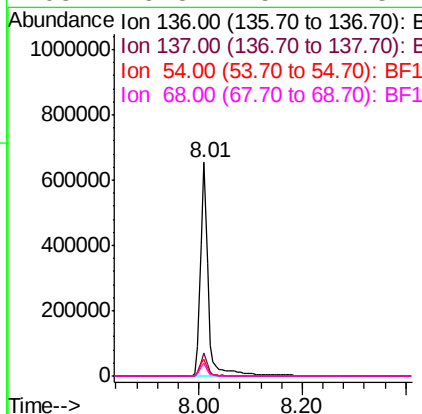
RT: 8.01 min Scan# 1007

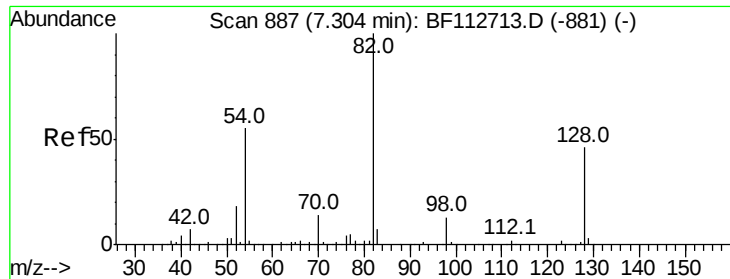
Delta R.T. -0.01 min

Lab File: BF113093.D

Acq: 18 Mar 2019 16:32

Tgt Ion:	136	Resp:	667586
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.9	7.3	10.9
68	5.8	5.4	8.2





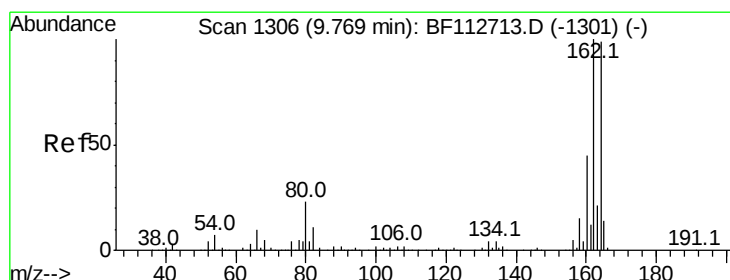
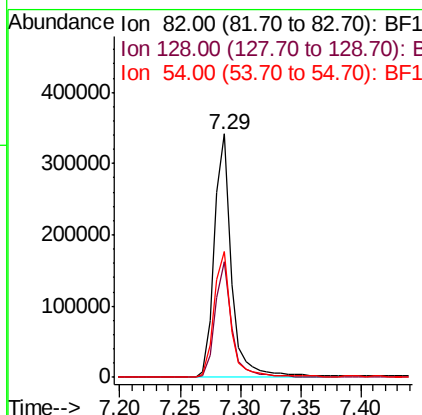
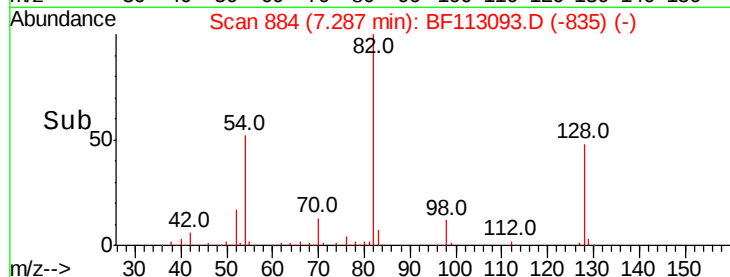
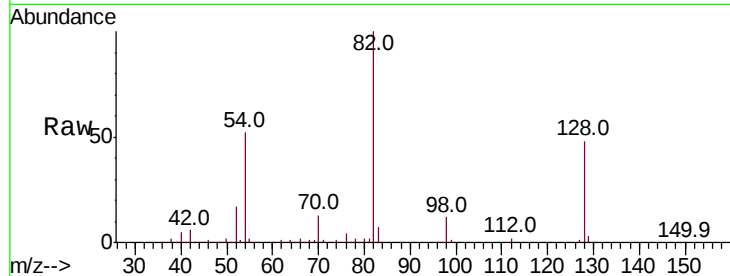
#23
Nitrobenzene-d5
Concen: 30.196 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	51.6	43.7	65.5

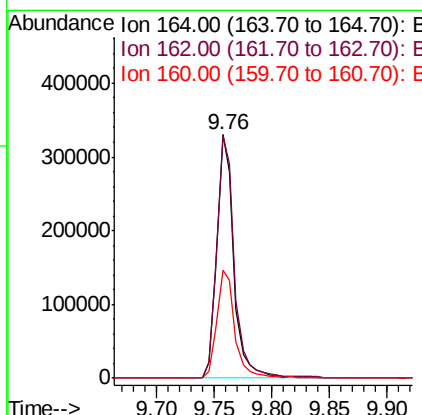
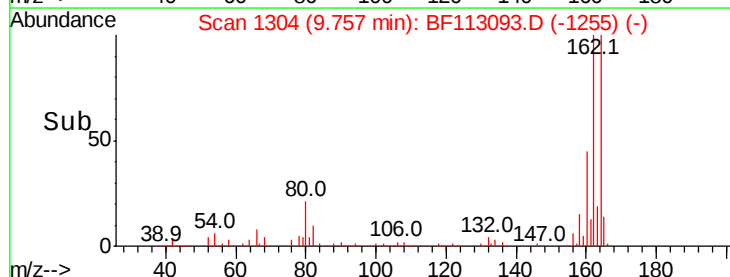
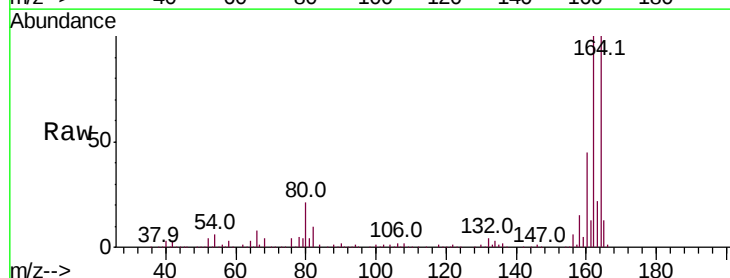
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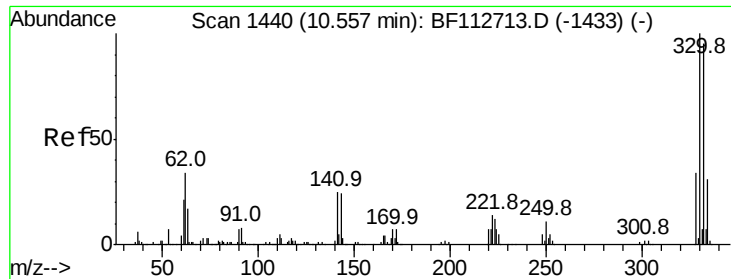
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	44.6	36.0	54.0





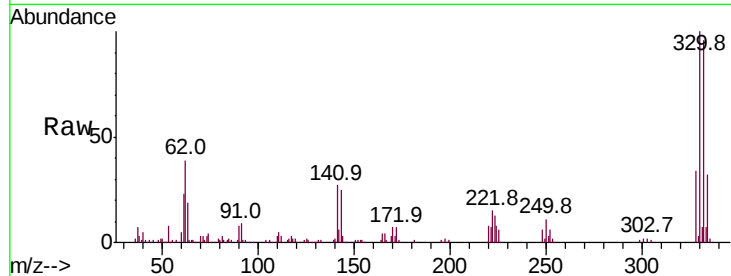
#42
 2,4,6-Tribromophenol
 Concen: 45.078 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113093.D
 Acq: 18 Mar 2019 16:32

Instrument :
 BNA_F
 ClientSampleId :
 S-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	28.6	27.0	40.6

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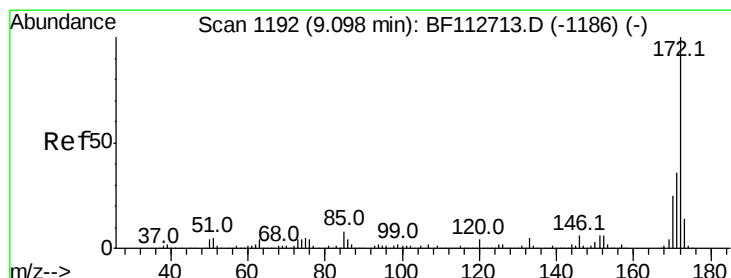
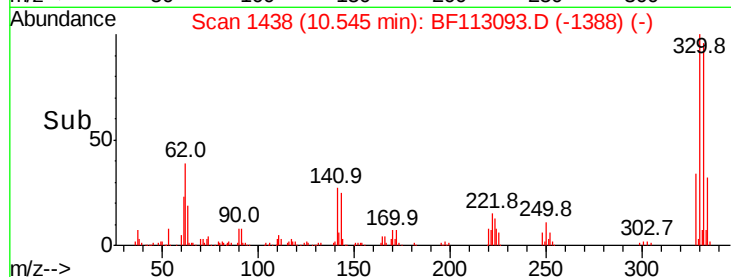
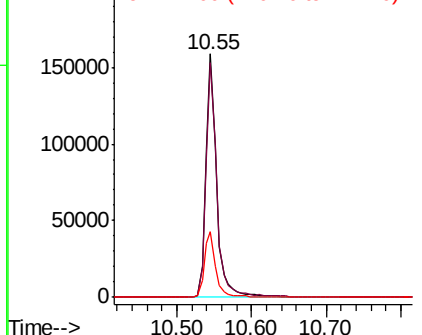


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.105 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113093.D
 Acq: 18 Mar 2019 16:32

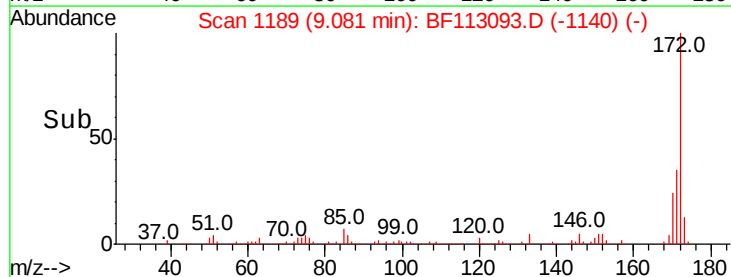
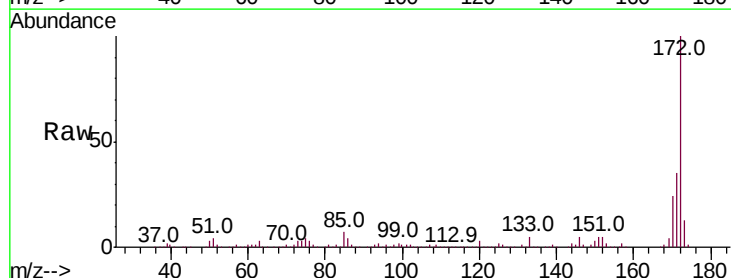
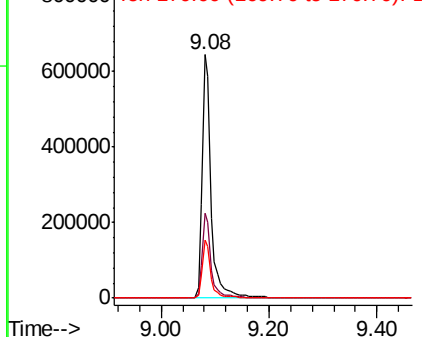
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.6	20.0	30.0

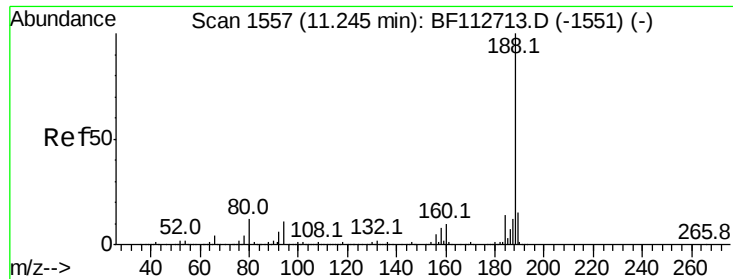
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





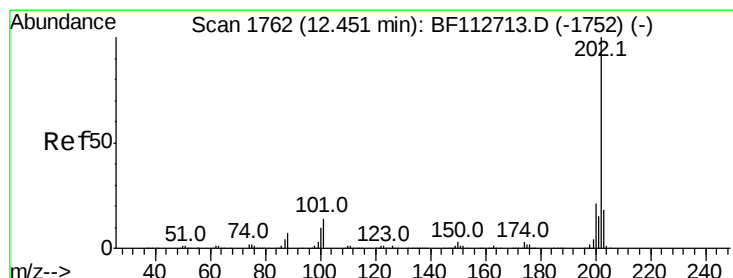
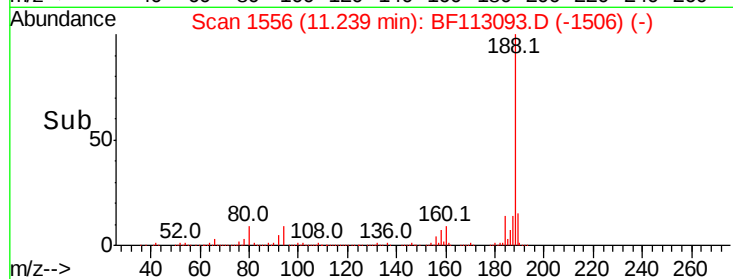
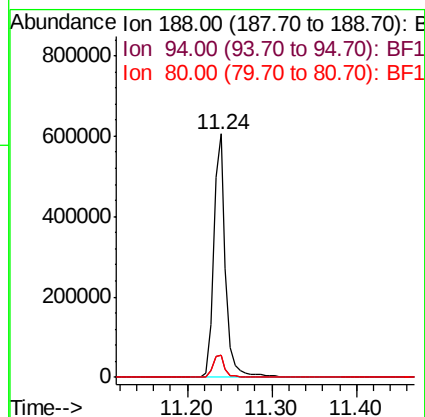
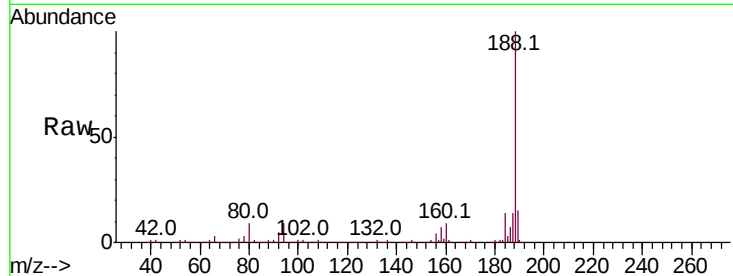
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampled :
S-8

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.0	9.2	13.8#

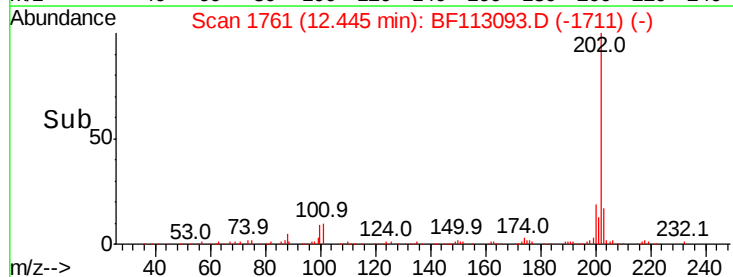
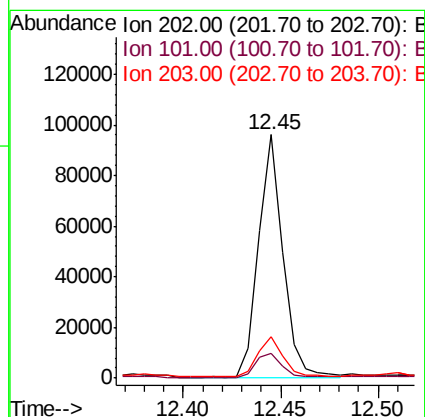
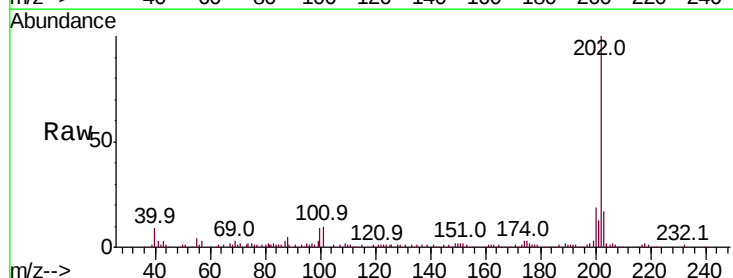
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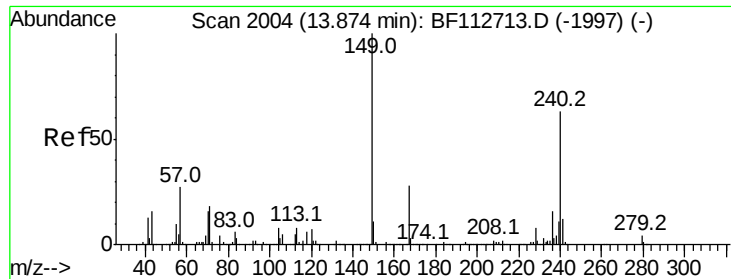
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#75
Fluoranthene
Concen: 2.592 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	33.8
203	17.1	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113093.D

Acq: 18 Mar 2019 16:32

Instrument :

BNA_F

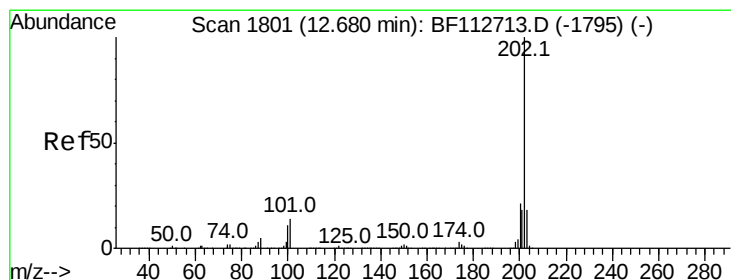
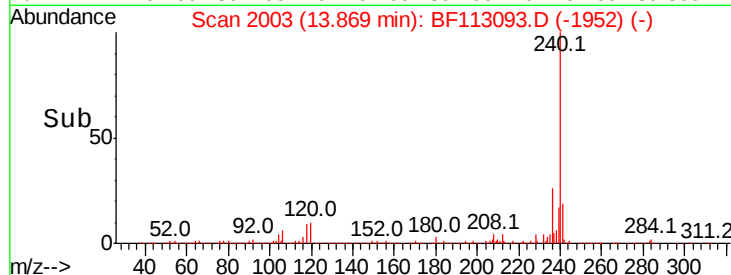
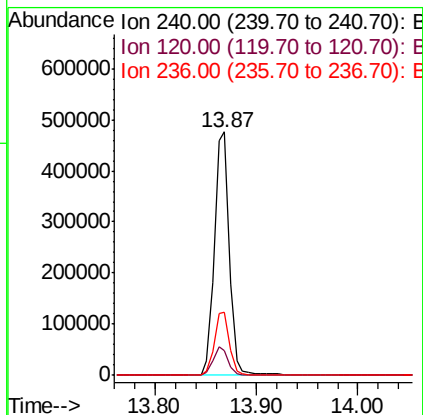
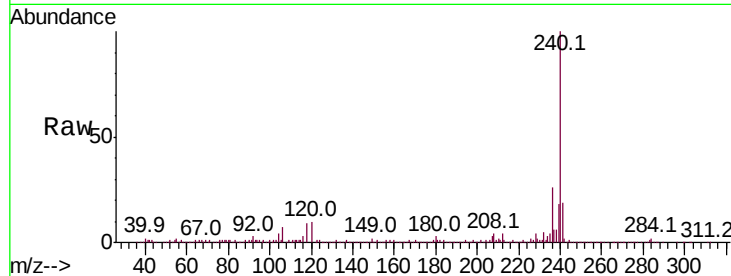
ClientSampleId :

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Tot Ion:	240	Resp:	489208
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.9	13.3
236	25.9	20.7	31.1

Manual Integrations
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#78

Pyrene

Concen: 2.114 ng

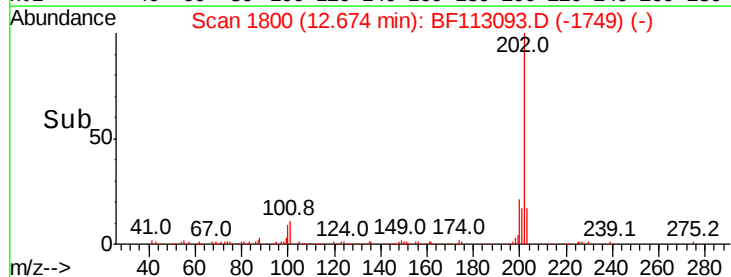
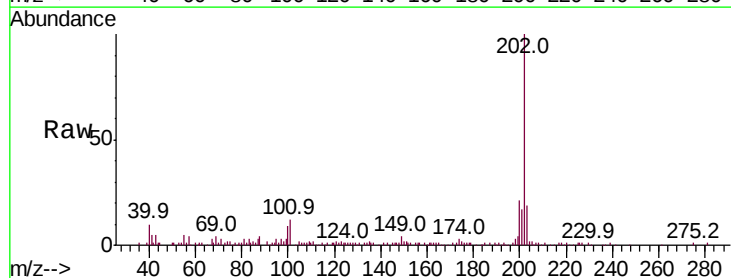
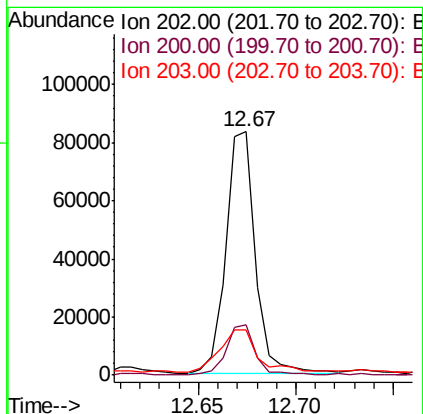
RT: 12.67 min Scan# 1800

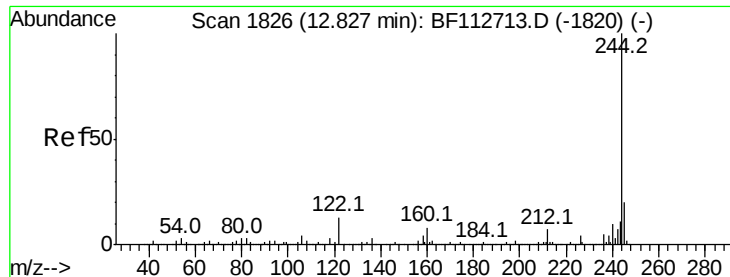
Delta R.T. -0.00 min

Lab File: BF113093.D

Acq: 18 Mar 2019 16:32

Tgt Ion:	202	Resp:	87173
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.4
203	18.6	14.4	21.6





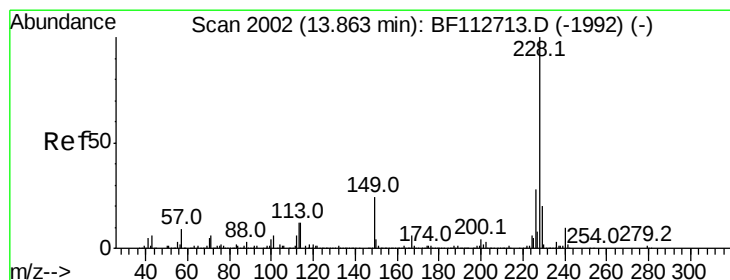
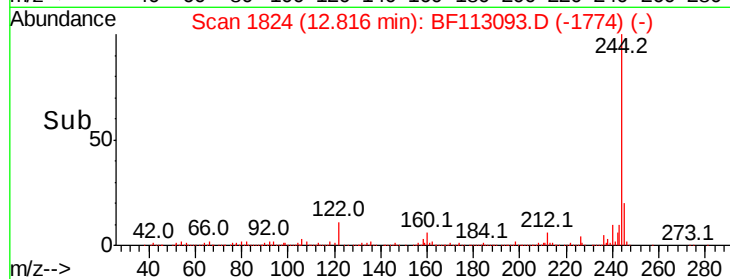
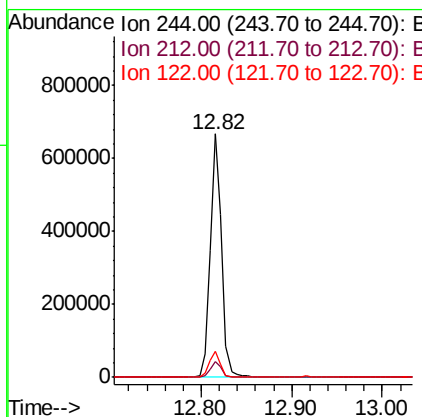
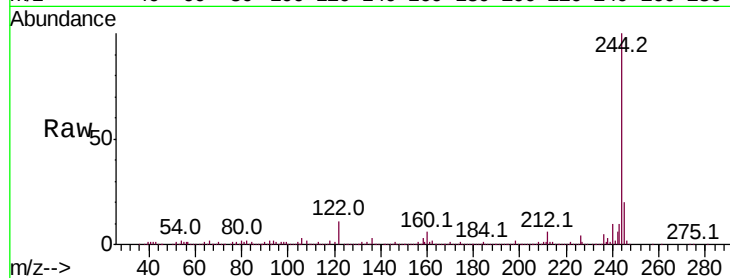
#79
 Terphenyl-d14
 Concen: 23.430 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113093.D
 Acq: 18 Mar 2019 16:32

Instrument :
 BNA_F
 ClientSampled :
 S-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	10.9	10.5	15.7

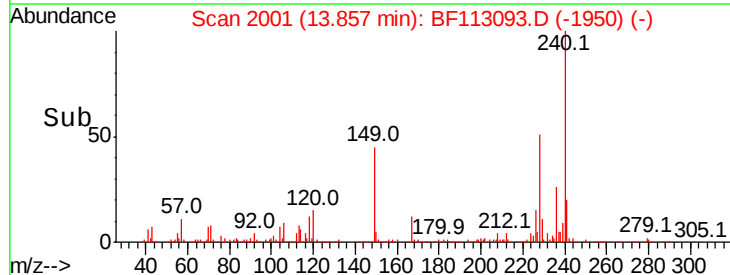
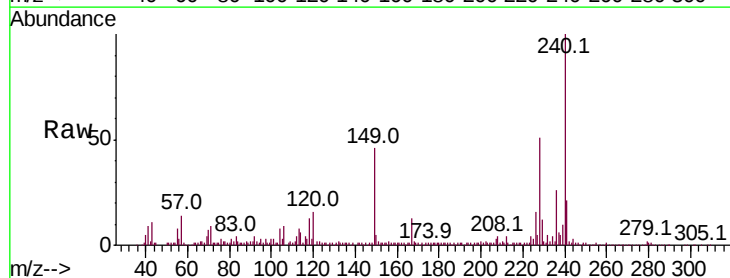
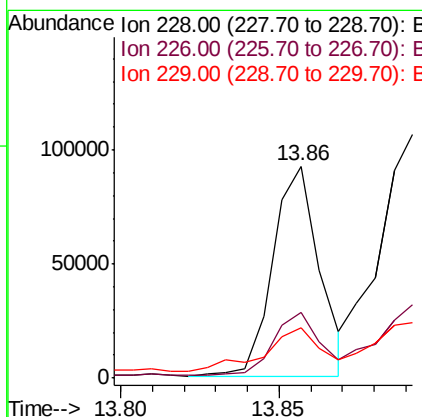
Manual Integrations
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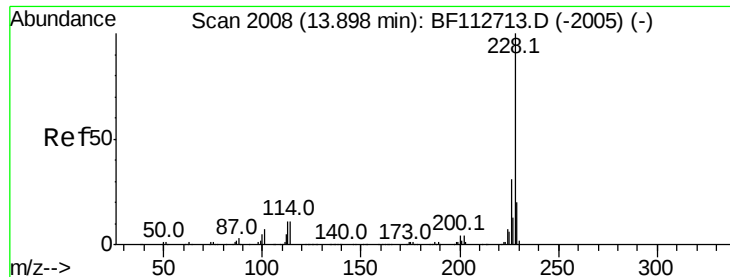
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#81
 Benzo(a)anthracene
 Concen: 2.768 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF113093.D
 Acq: 18 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.2	33.4
229	23.7	16.0	24.0





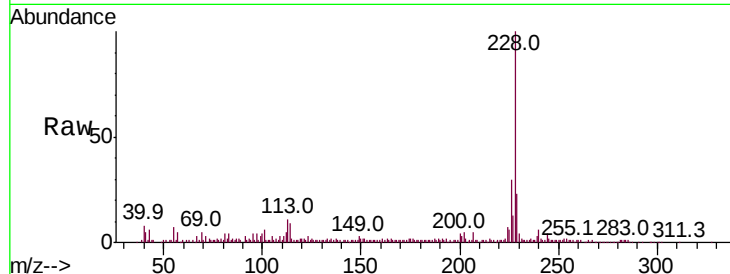
#83
Chrysene
Concen: 3.534 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampled :
S-8

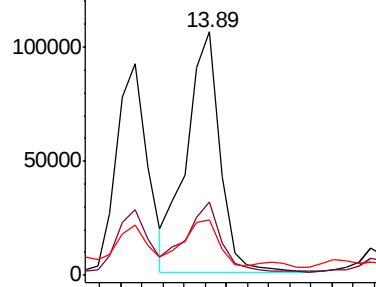
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.7	16.3	24.5

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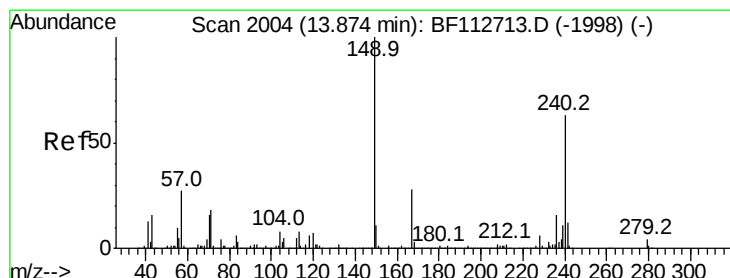
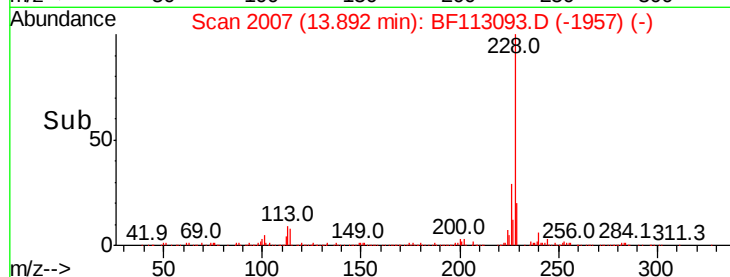
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

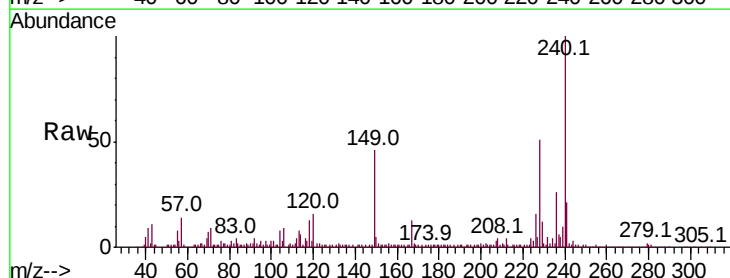


Time-->

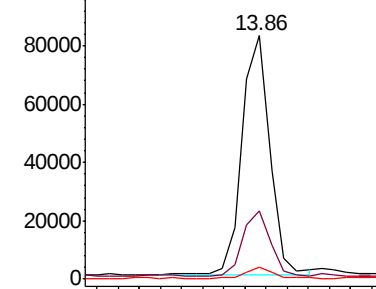


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.533 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

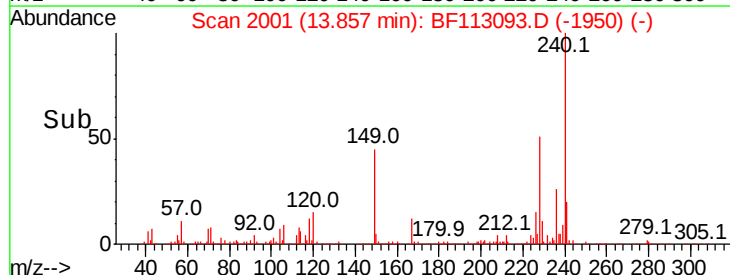
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.8	3.3	4.9

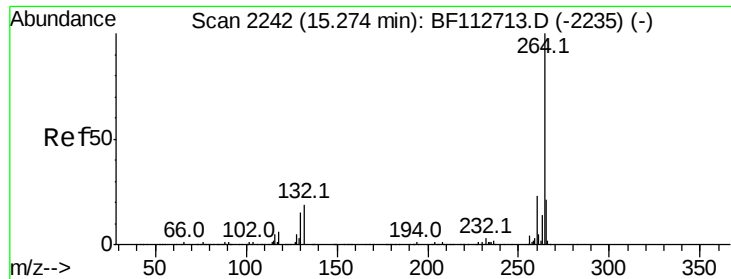


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





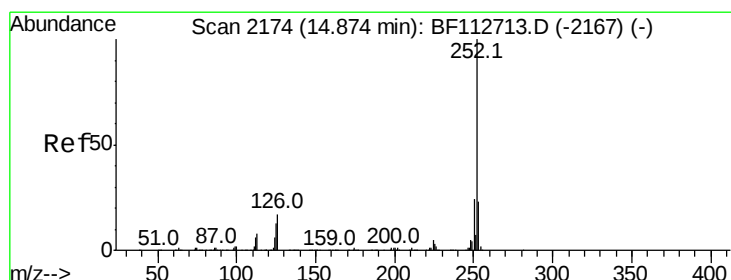
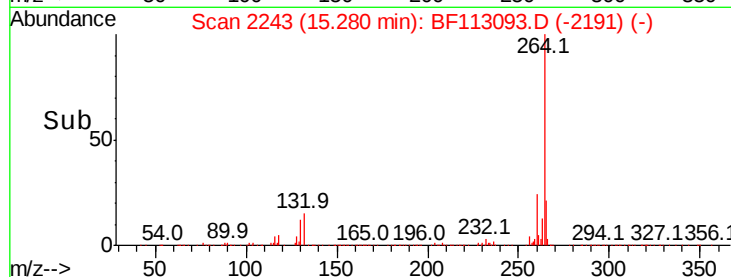
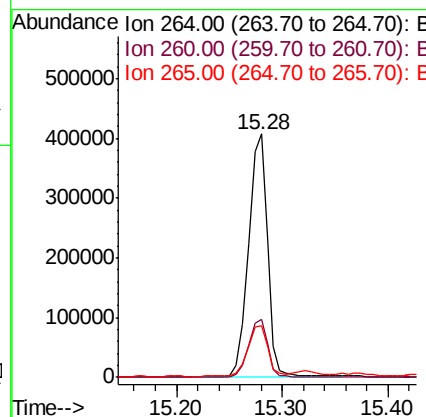
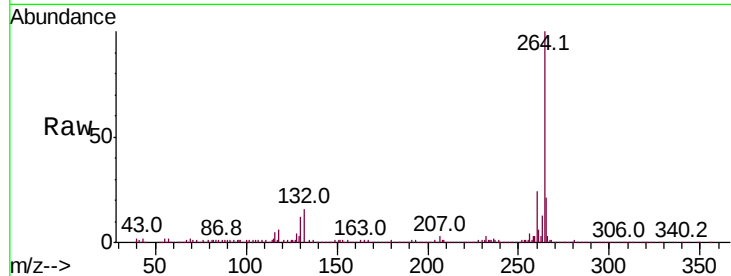
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampled :
S-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.4	17.2	25.8

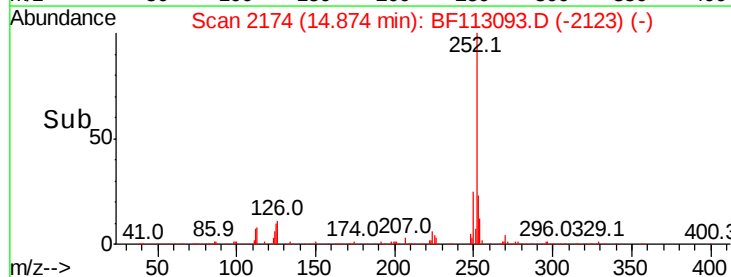
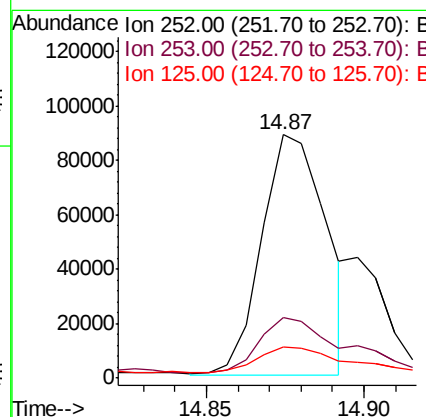
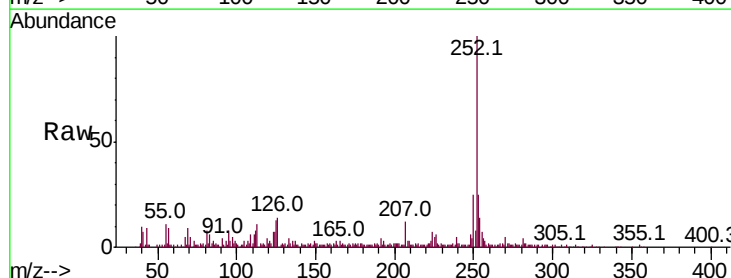
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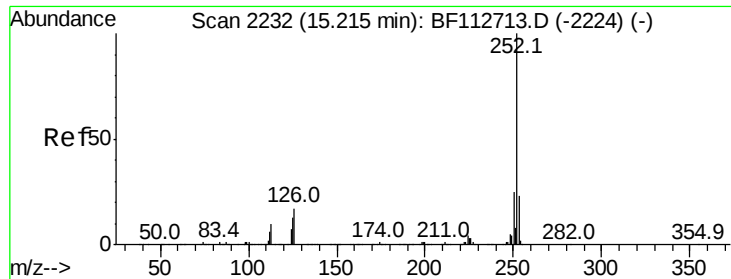
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#88
Benzo(b)fluoranthene
Concen: 3.838 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	12.9	10.2	15.2





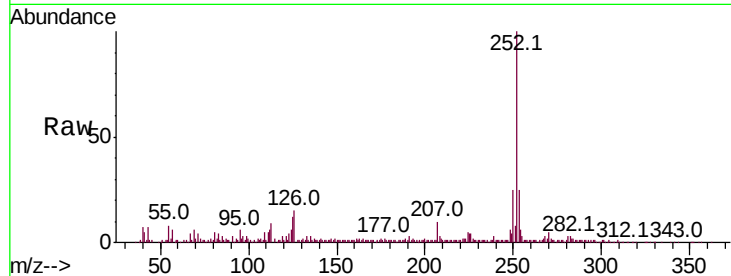
#90
Benzo(a)pyrene
Concen: 4.450 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Instrument :
BNA_F
ClientSampleId :
S-8

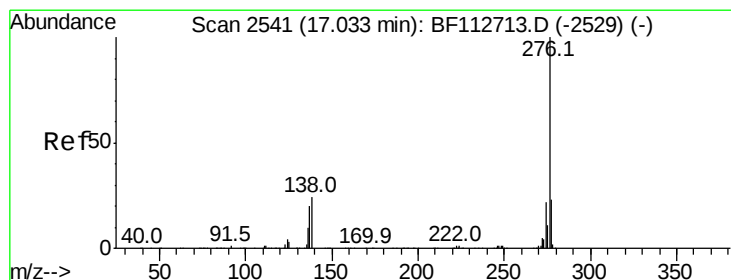
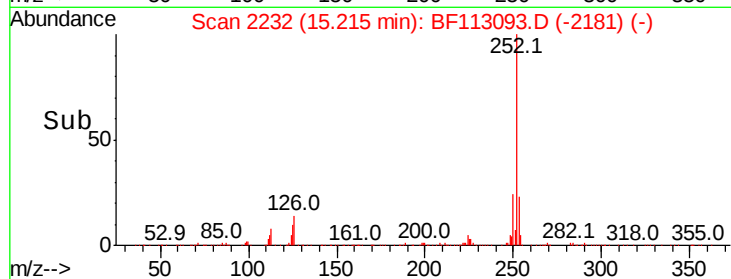
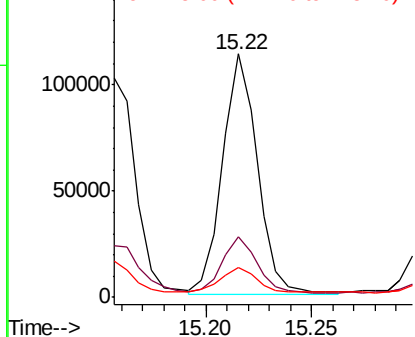
Tot Ion:	252	Resp:	128903
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.0	27.0
125	12.0	10.7	16.1

Manual Integrations
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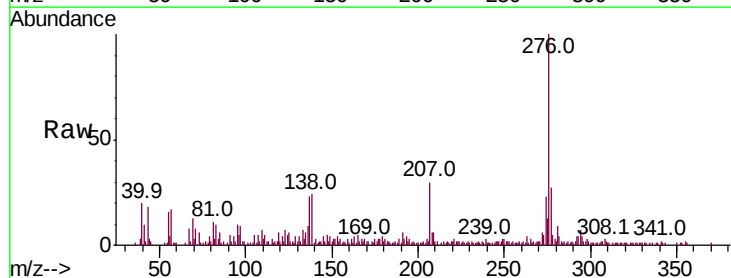


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.986 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113093.D
Acq: 18 Mar 2019 16:32

Tgt Ion:	276	Resp:	74115
Ion Ratio	Lower	Upper	
276	100		
277	26.6	18.6	27.8
138	23.8	19.4	29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

