

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113088.D
 Acq On : 18 Mar 2019 14:15
 Operator : JU/SJ
 Sample : K1901-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(7-8)

Manual Integrations
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Quant Time: Mar 19 05:16:13 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	174583	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	626315	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267705	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	462200	20.00	ng	0.00
76) Chrysene-d12	13.87	240	451785	20.00	ng	0.00
87) Perylene-d12	15.28	264	436122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	795532	70.88	ng	0.00
7) Phenol-d6	6.37	99	1004936	71.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	619091	59.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	234519	82.52	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	910343	50.60	ng	-0.01
79) Terphenyl-d14	12.82	244	635656	27.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	89123	4.515	ng	Qvalue # 97
75) Fluoranthene	12.44	202	92091	3.738	ng	95
78) Pyrene	12.67	202	92022	2.416	ng	96
81) Benzo(a)anthracene	13.86	228	80824	2.581	ng	# 95
83) Chrysene	13.89	228	84665m	2.760	ng	
88) Benzo(b)fluoranthene	14.88	252	129695m	4.598	ng	
90) Benzo(a)pyrene	15.22	252	82903	3.323	ng	# 92

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

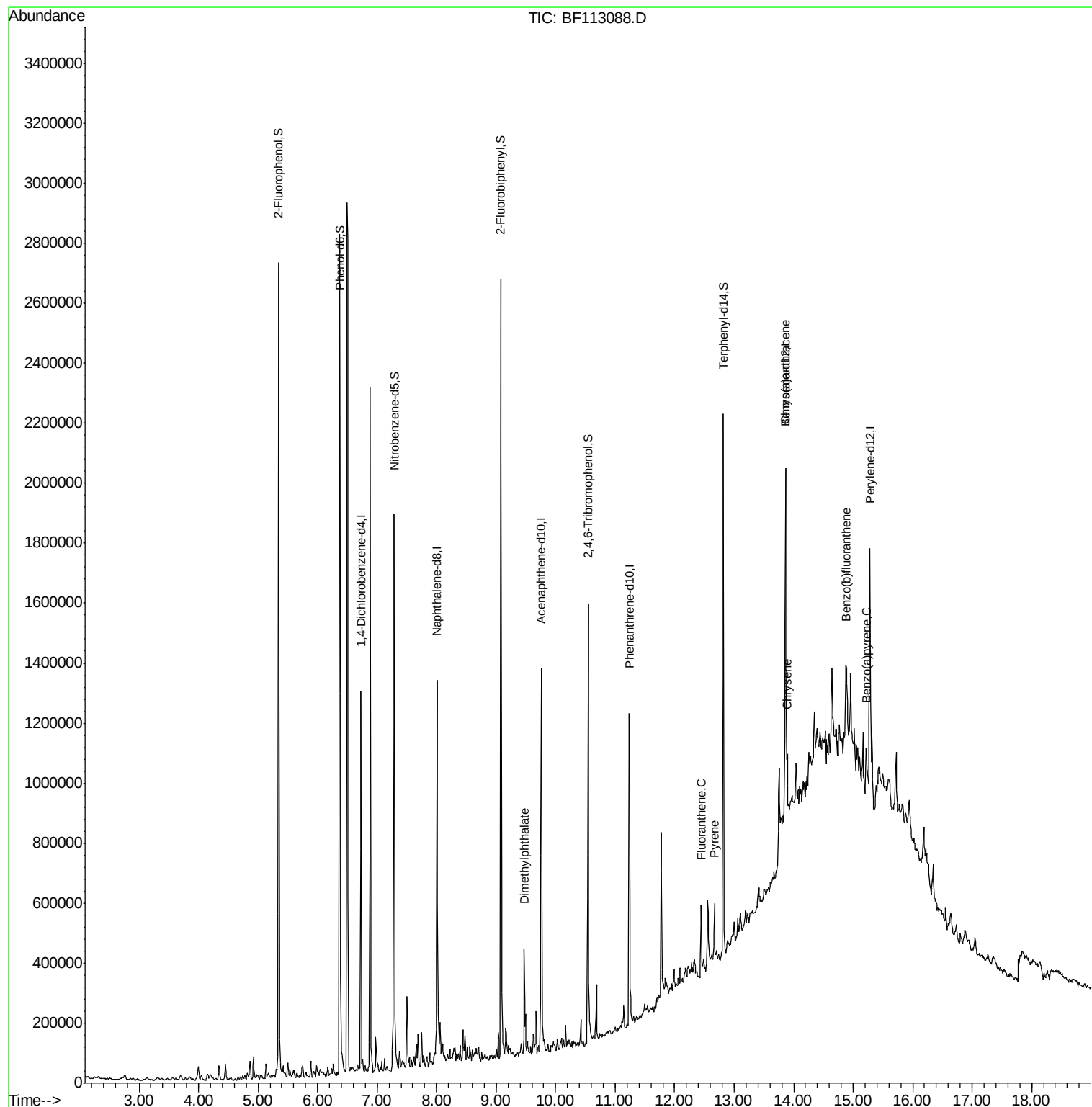
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

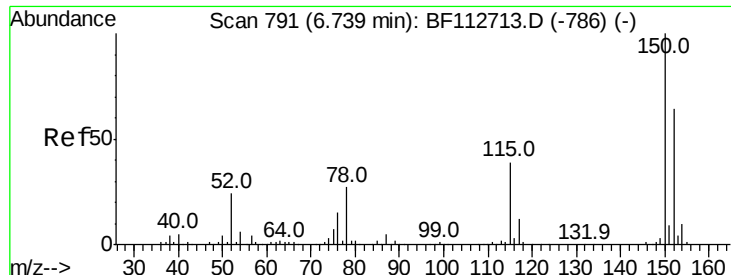
Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Quant Time: Mar 19 05:16:13 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

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#1

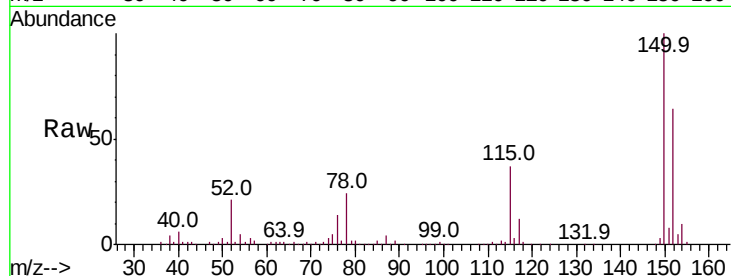
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	58.7	48.2	72.4

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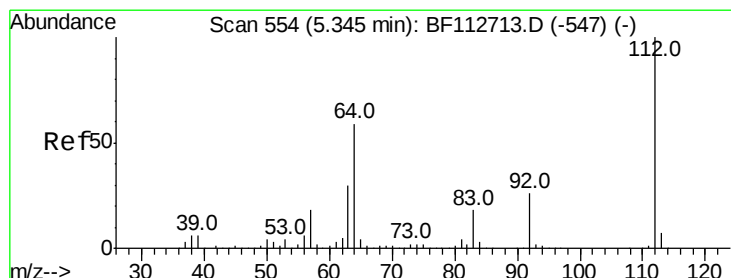
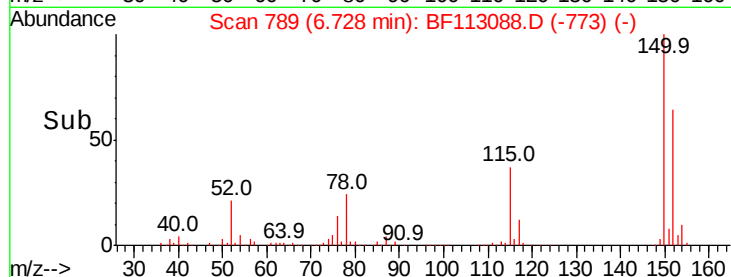
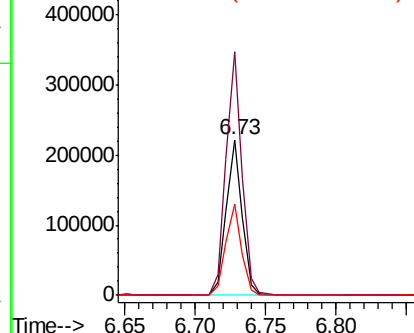


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

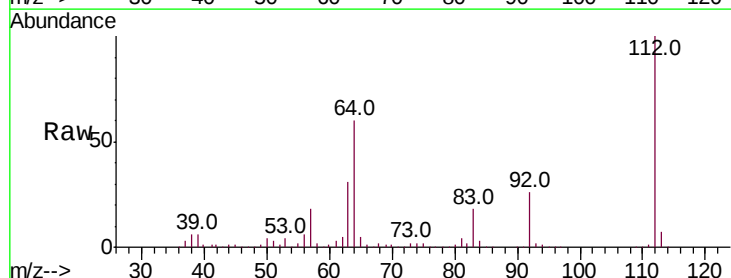
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.882 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	30.9	24.4	36.6

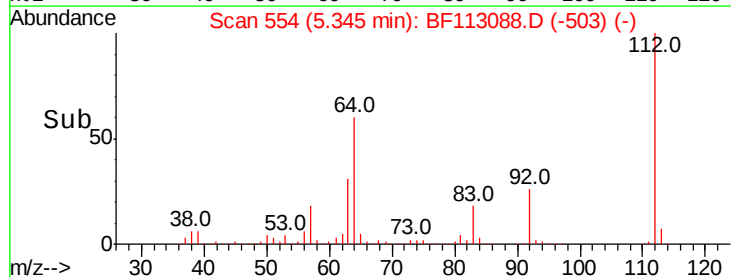
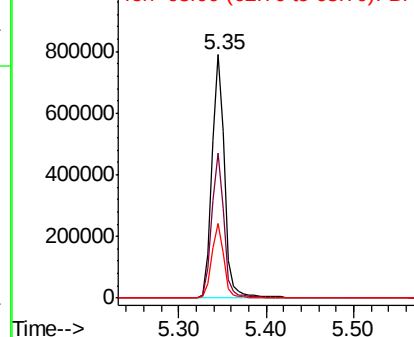


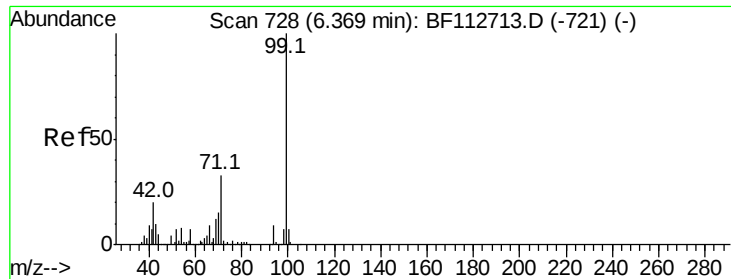
Abundance

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: 71.281 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113088.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_F

ClientSampled :

SB-3(7-8)

Tot Ion: 99 Resp: 1004936

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

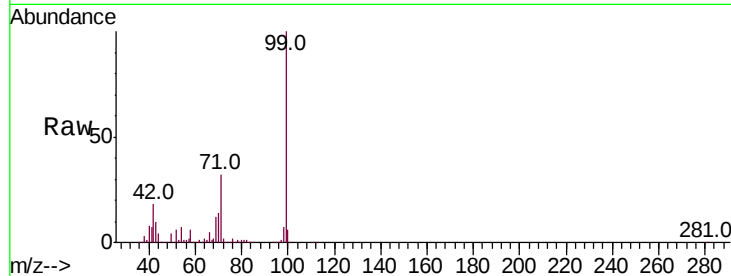
71 31.8 26.2 39.4

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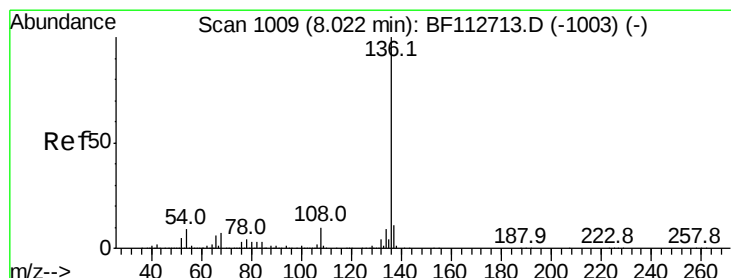
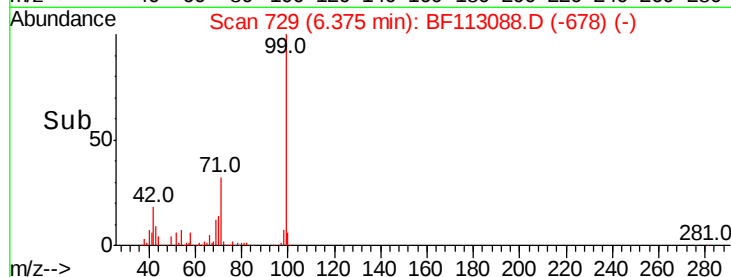
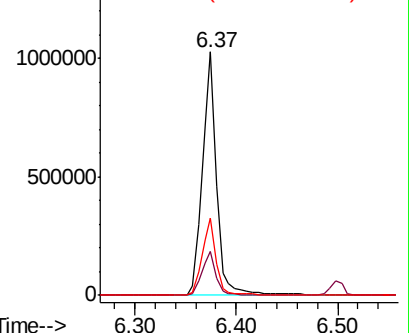
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113088.D

Acq: 18 Mar 2019 14:15

Tgt Ion: 136 Resp: 626315

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 7.3 10.9

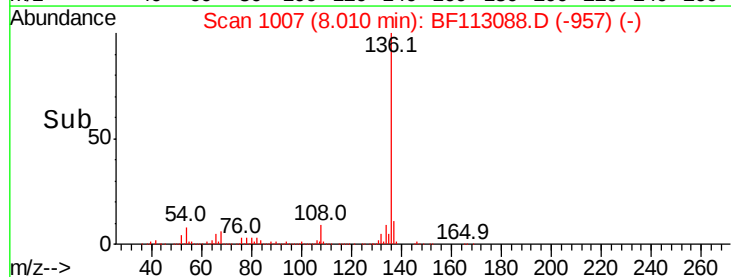
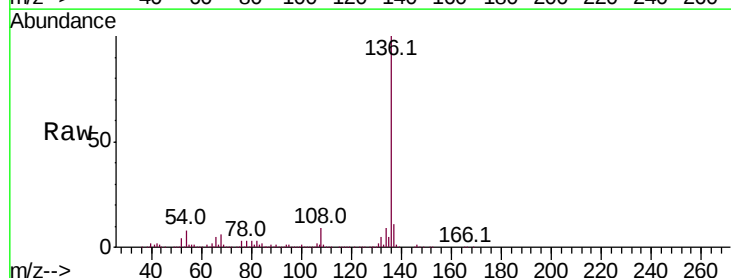
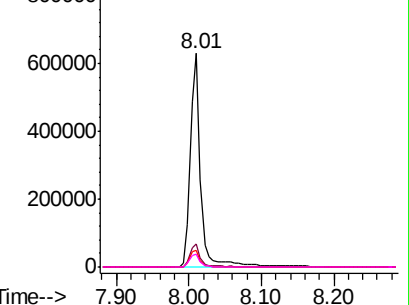
68 5.8 5.4 8.2

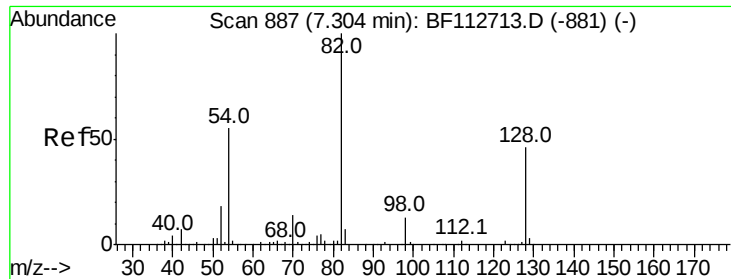
Abundance Ion 136.00 (135.70 to 136.70): E

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





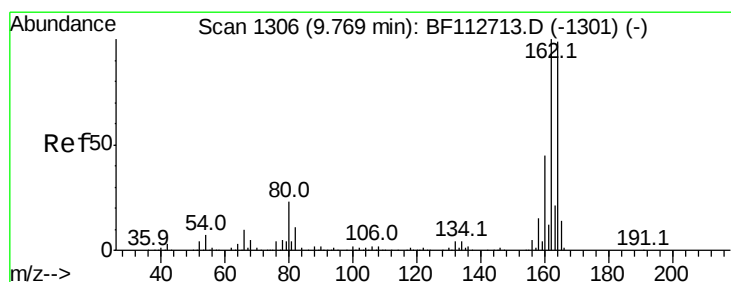
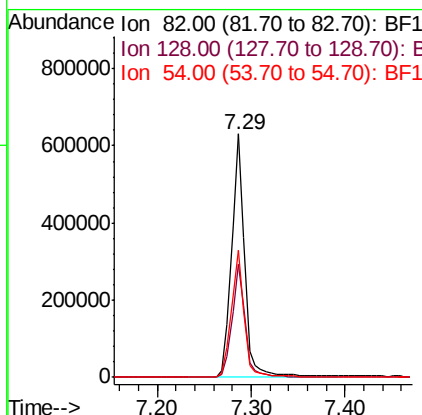
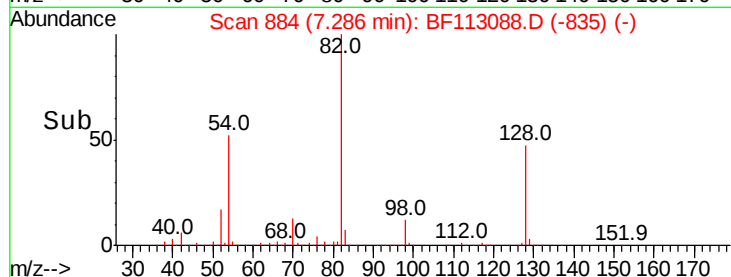
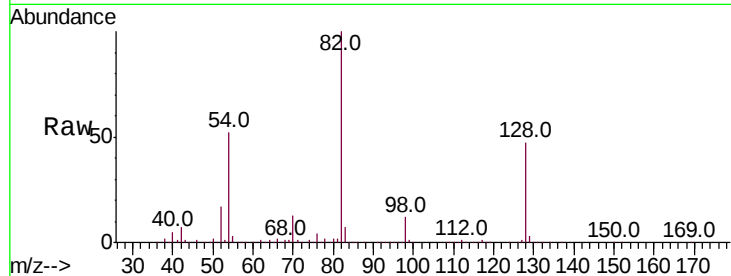
#23
Nitrobenzene-d5
Concen: 59.148 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampled :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	52.3	43.7	65.5

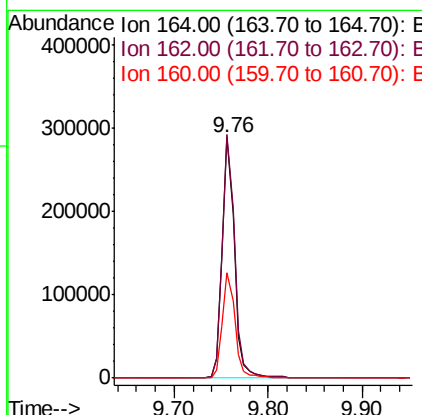
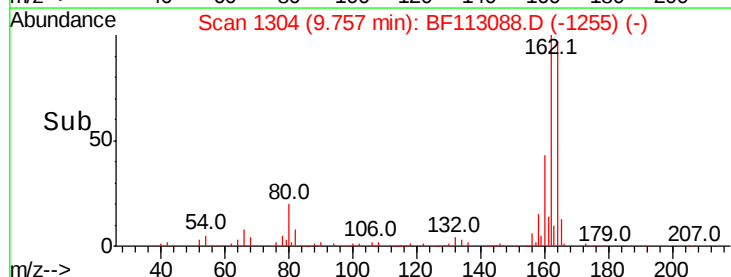
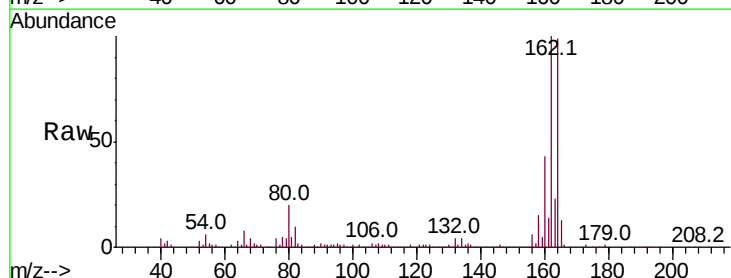
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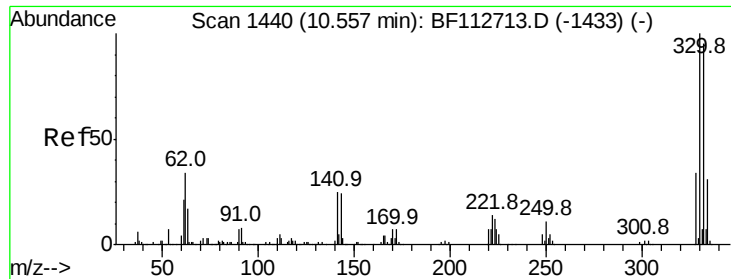
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	43.9	36.0	54.0





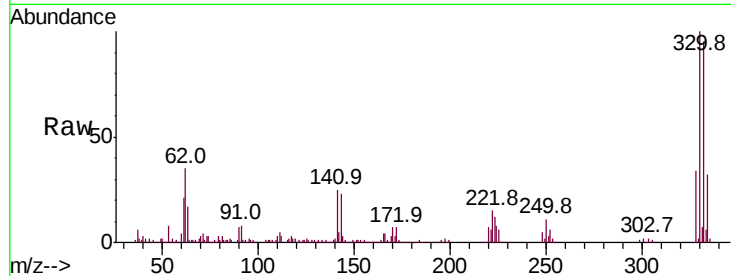
#42
 2,4,6-Tribromophenol
 Concen: 82.518 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113088.D
 Acq: 18 Mar 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	27.9	27.0	40.6

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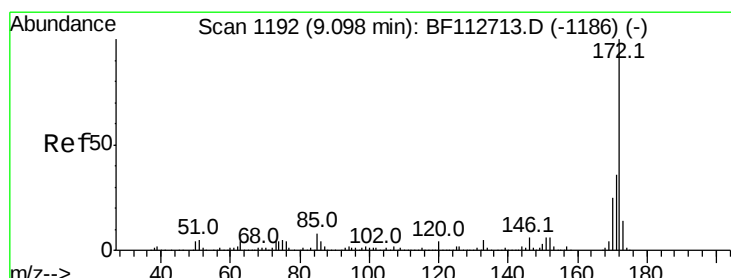
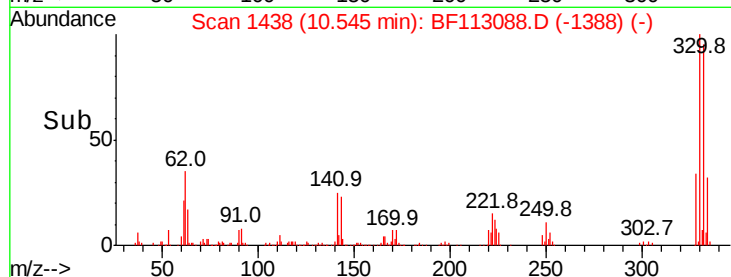
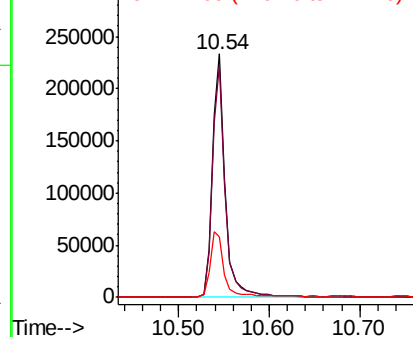


Abundance

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: 50.604 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113088.D
 Acq: 18 Mar 2019 14:15

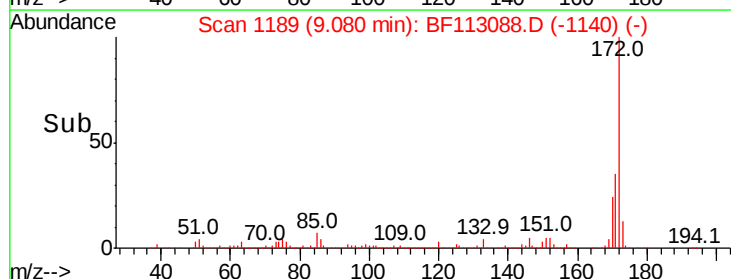
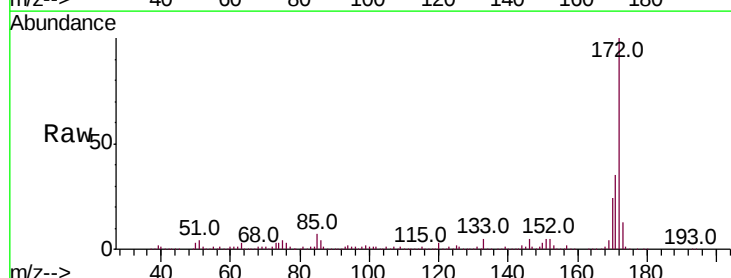
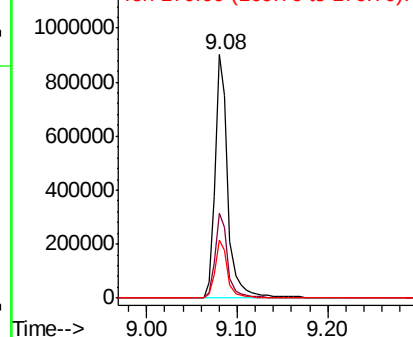
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.7	20.0	30.0

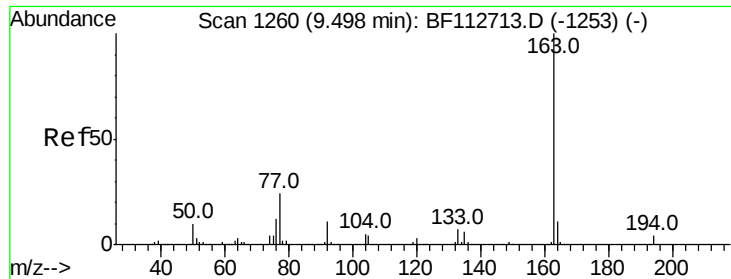
Abundance

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





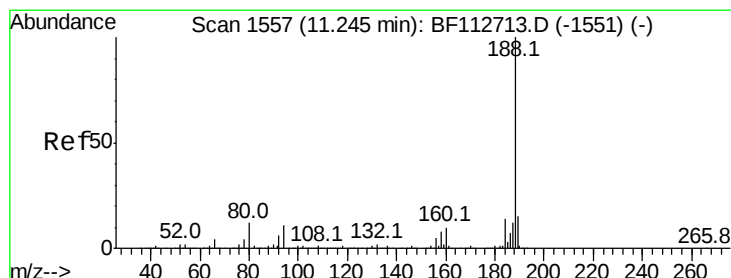
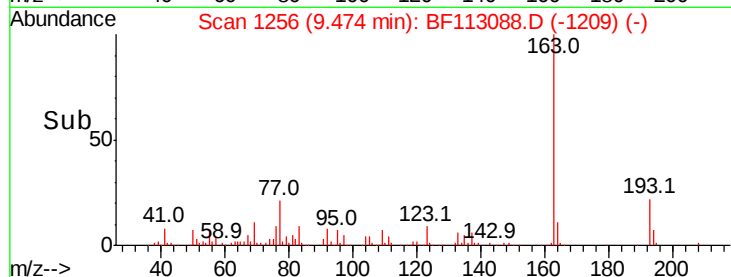
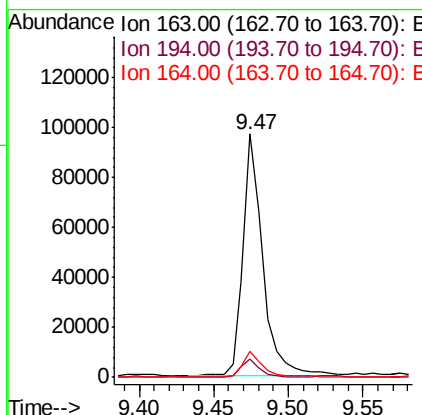
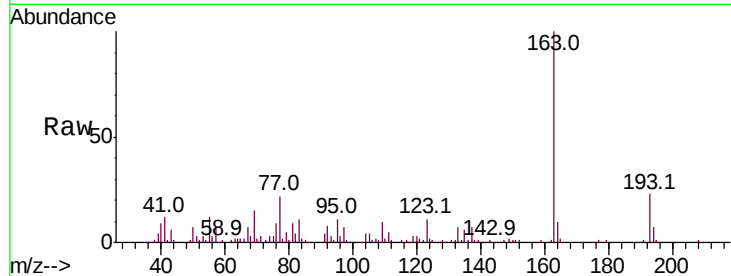
#50
Dimethylphthalate
Concen: 4.515 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.0	4.4#
164	10.4	8.4	12.6

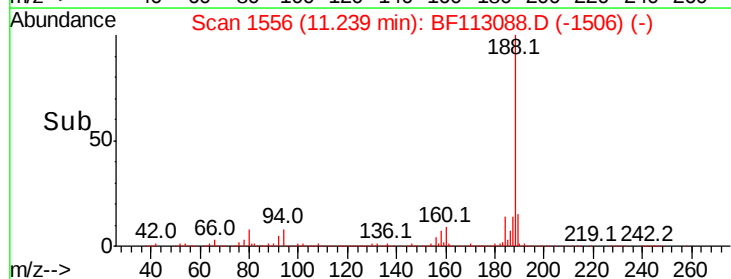
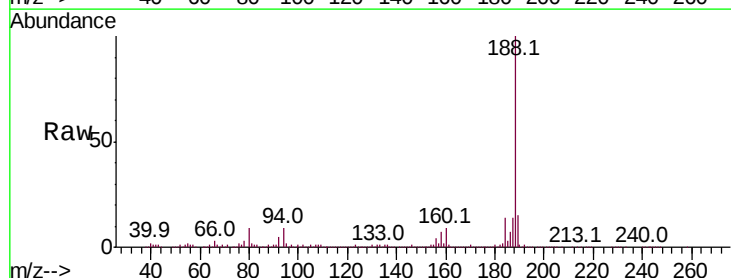
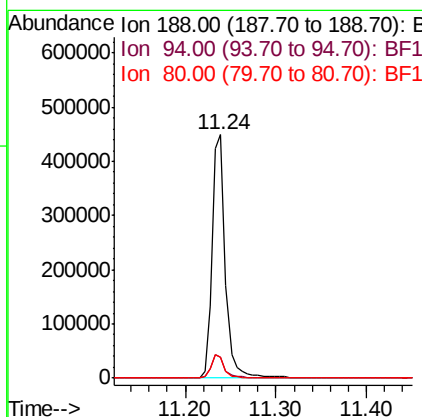
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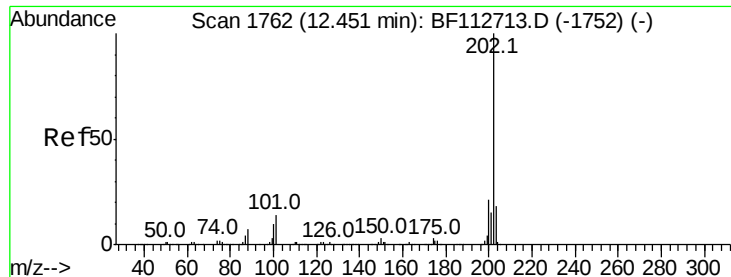
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.6	9.2	13.8#





#75

Fluoranthene

Concen: 3.738 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113088.D

Acq: 18 Mar 2019 14:15

Instrument :

BNA_F

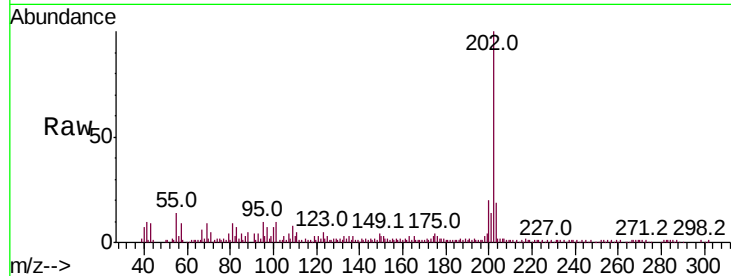
ClientSampled :

SB-3(7-8)

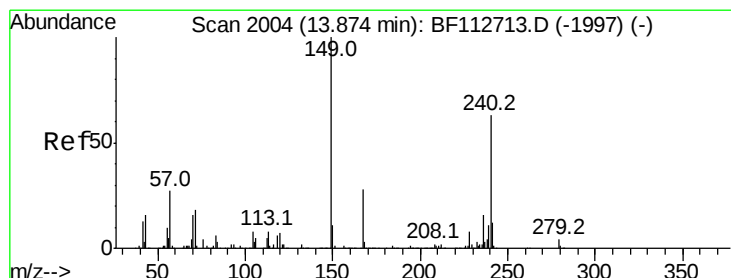
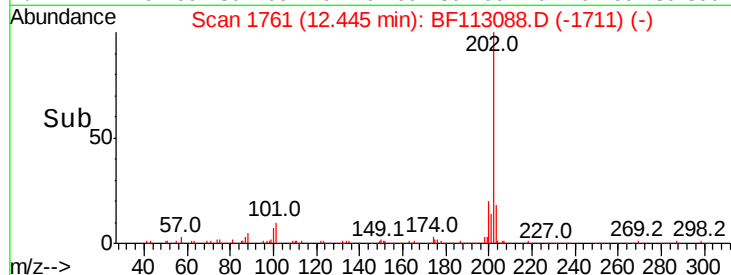
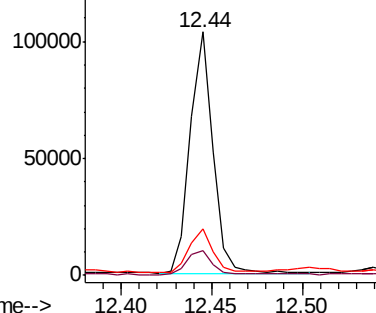
Tot Ion:	202	Resp:	92091
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	33.8
203	19.2	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

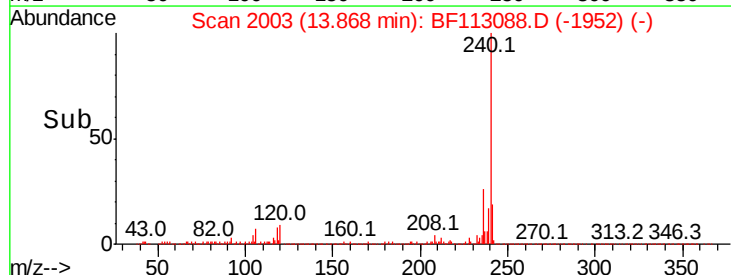
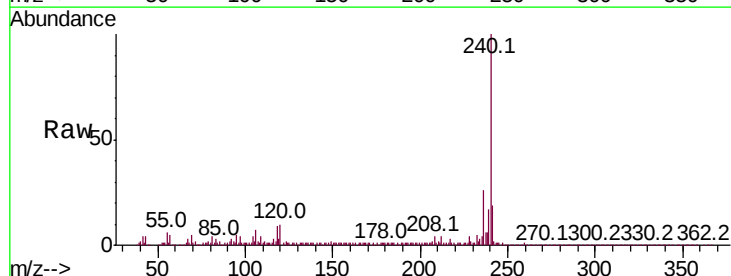
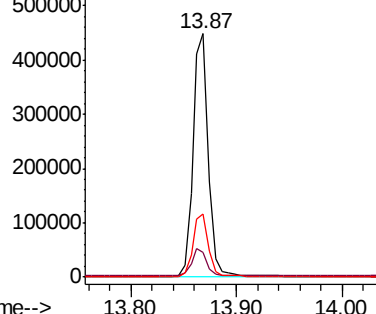
Delta R.T. -0.00 min

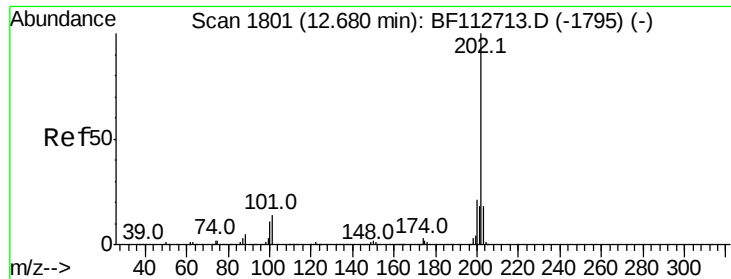
Lab File: BF113088.D

Acq: 18 Mar 2019 14:15

Tgt Ion:	240	Resp:	451785
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.9	13.3
236	26.0	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





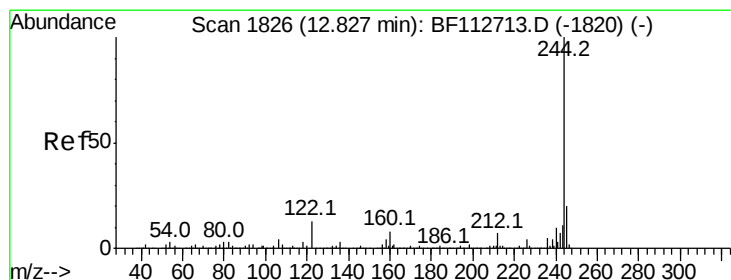
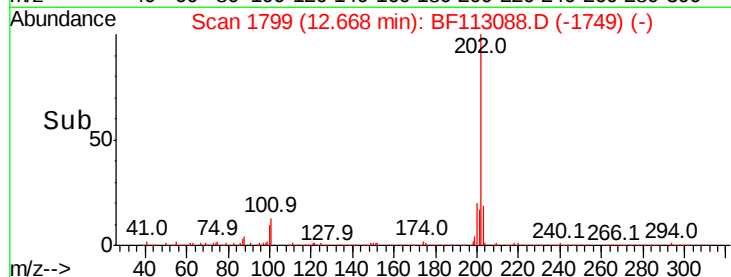
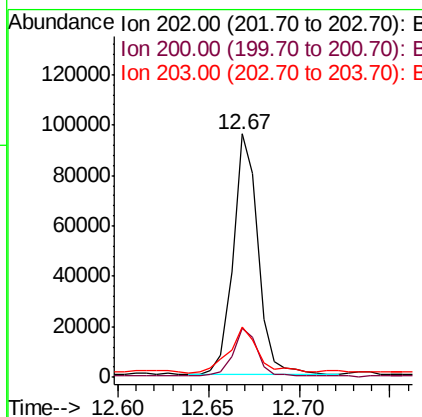
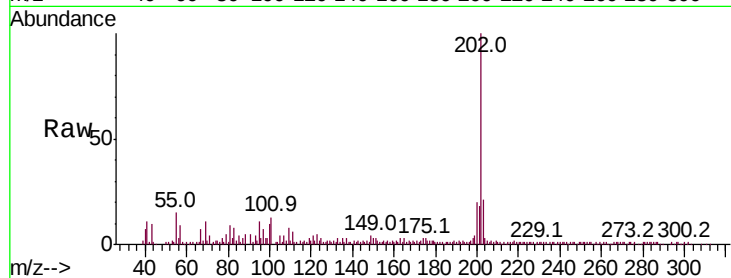
#78
Pvrene
Concen: 2.416 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	20.6	14.4	21.6

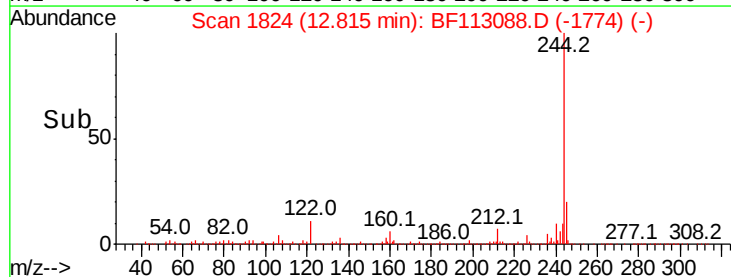
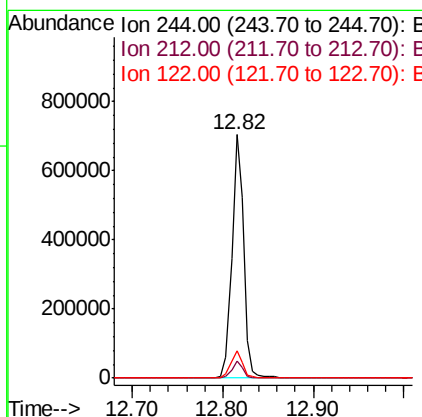
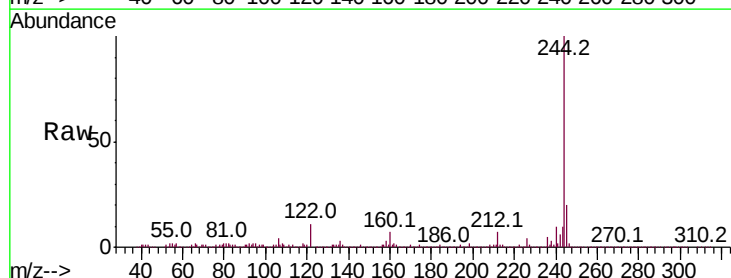
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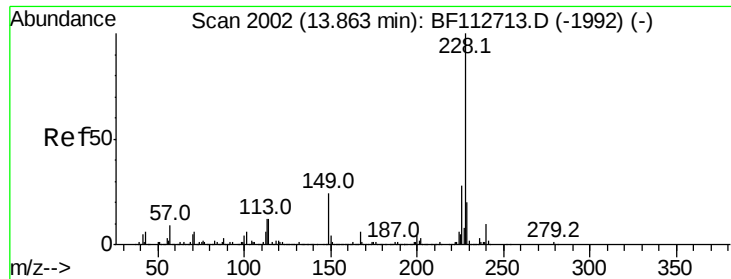
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#79
Terphenyl-d14
Concen: 27.274 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.3	10.5	15.7





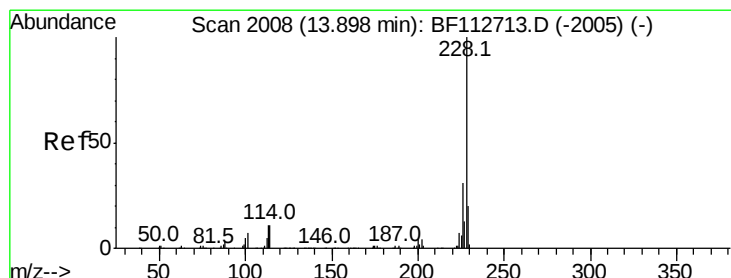
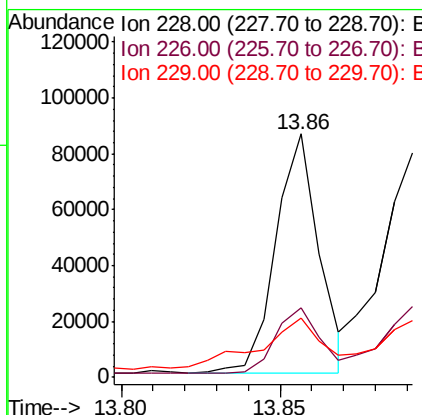
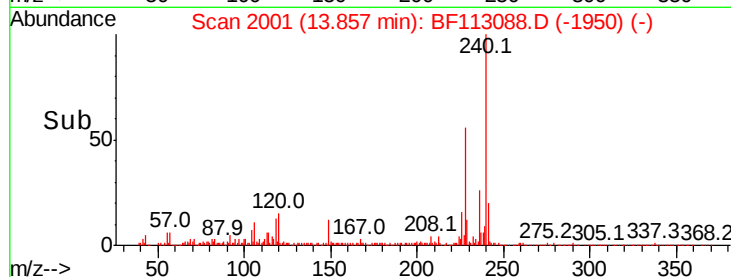
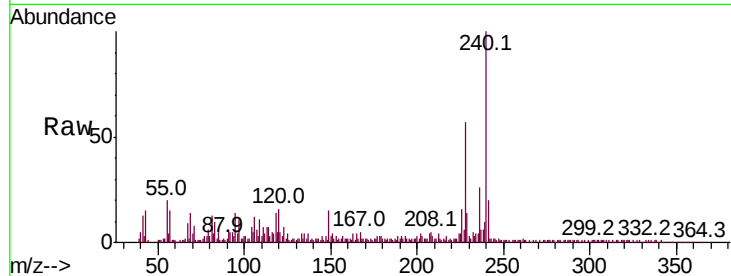
#81
Benzo(a)anthracene
Concen: 2.581 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	24.3	16.0	24.0

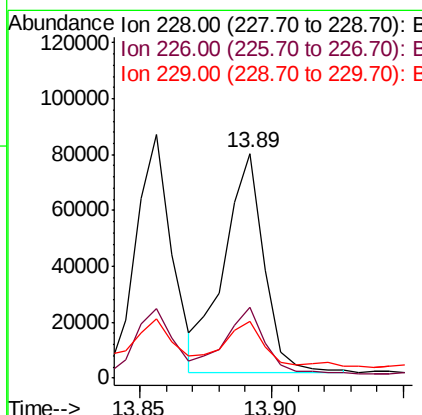
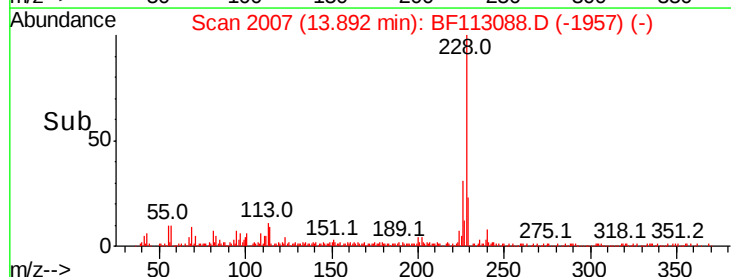
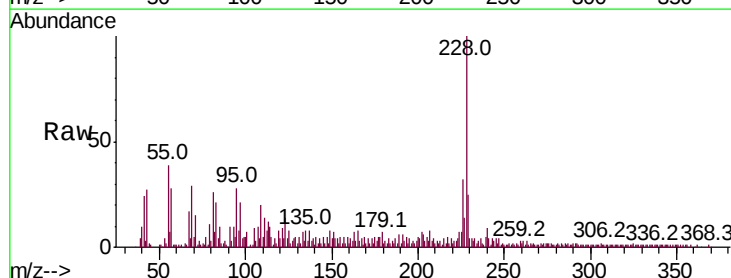
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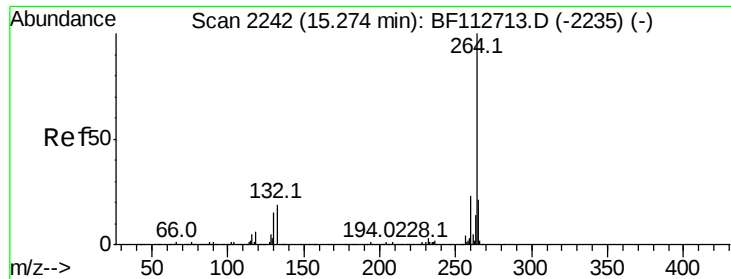
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#83
Chrysene
Concen: 2.760 ng m
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	25.1	16.3	24.5





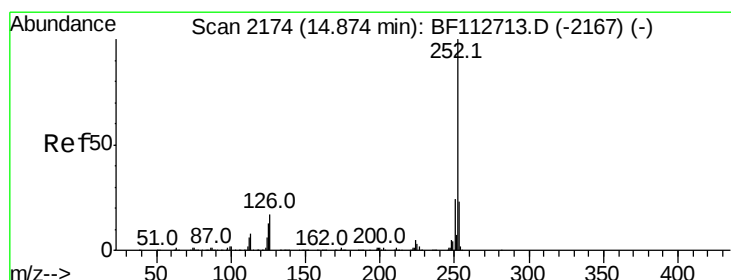
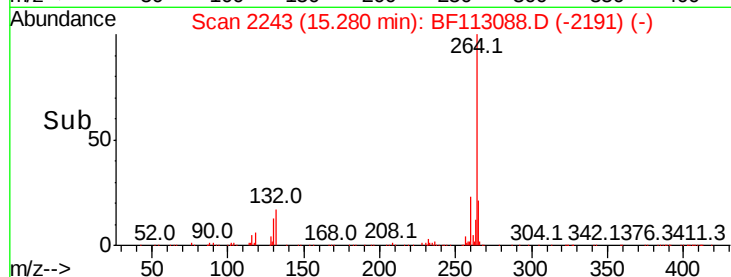
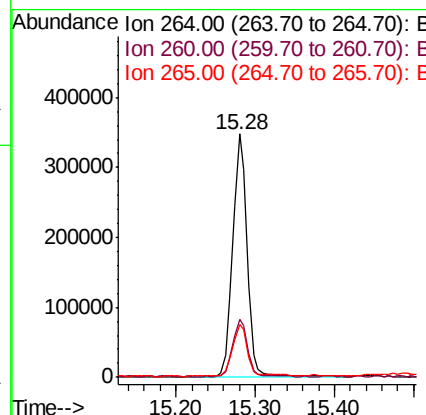
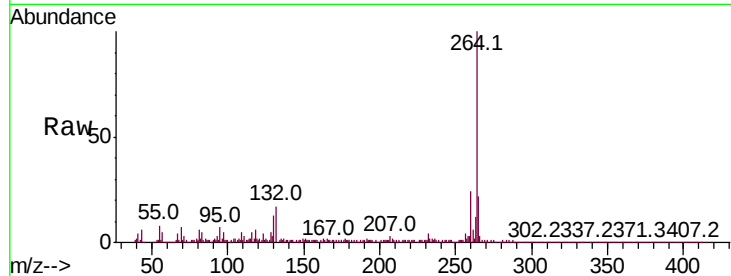
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	17.2	25.8

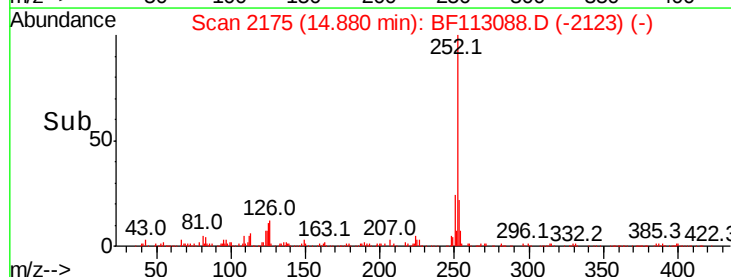
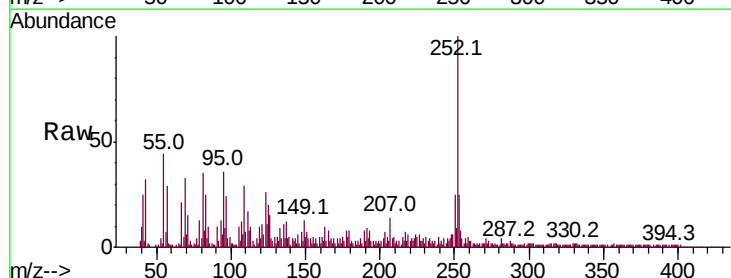
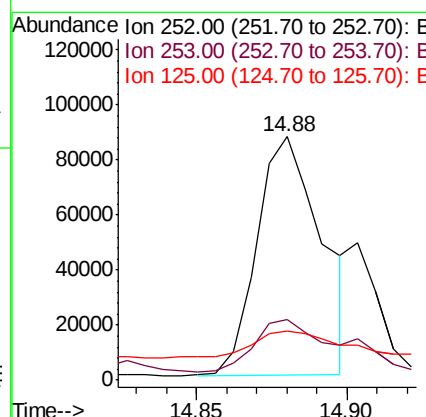
Manual Integrations
APPROVED

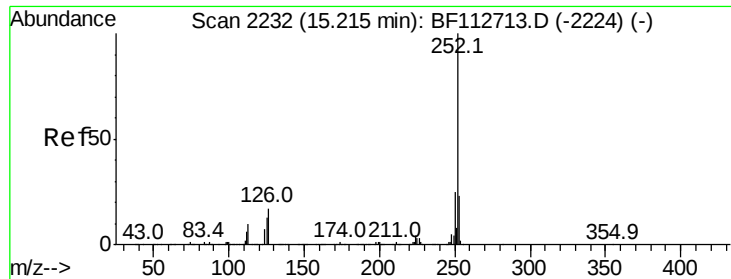
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#88
Benzo(b)fluoranthene
Concen: 4.598 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	20.0	10.2	15.2#





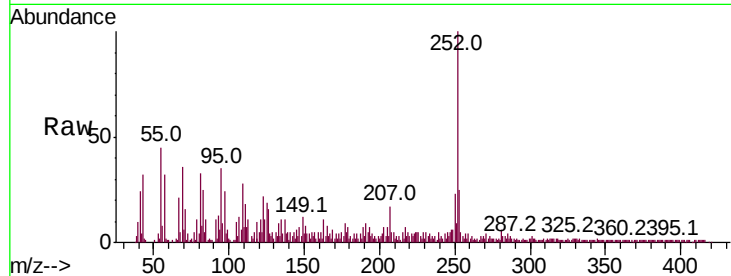
#90
Benzo(a)pyrene
Concen: 3.323 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	19.2	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

