

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112910.D
 Acq On : 7 Mar 2019 4:49
 Operator : JU/SJ
 Sample : K1705-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B101-022719

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:03:04 AM

Quant Time: Mar 07 05:53:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193470	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	709862	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	310070	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	576028	20.00	ng	0.00
76) Chrysene-d12	13.86	240	589886	20.00	ng	-0.01
87) Perylene-d12	15.27	264	531498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1068064	85.87	ng	0.00
7) Phenol-d6	6.37	99	1422333	91.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	808561	68.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	354611	107.73	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1372661	70.02	ng	-0.01
79) Terphenyl-d14	12.82	244	1267086	41.64	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	115286	5.042	ng	100
71) Phenanthrene	11.26	178	99920	3.486	ng	98
75) Fluoranthene	12.44	202	142434	4.639	ng	94
78) Pyrene	12.67	202	136127	2.737	ng	98
88) Benzo(b)fluoranthene	14.87	252	79076m	2.300	ng	

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

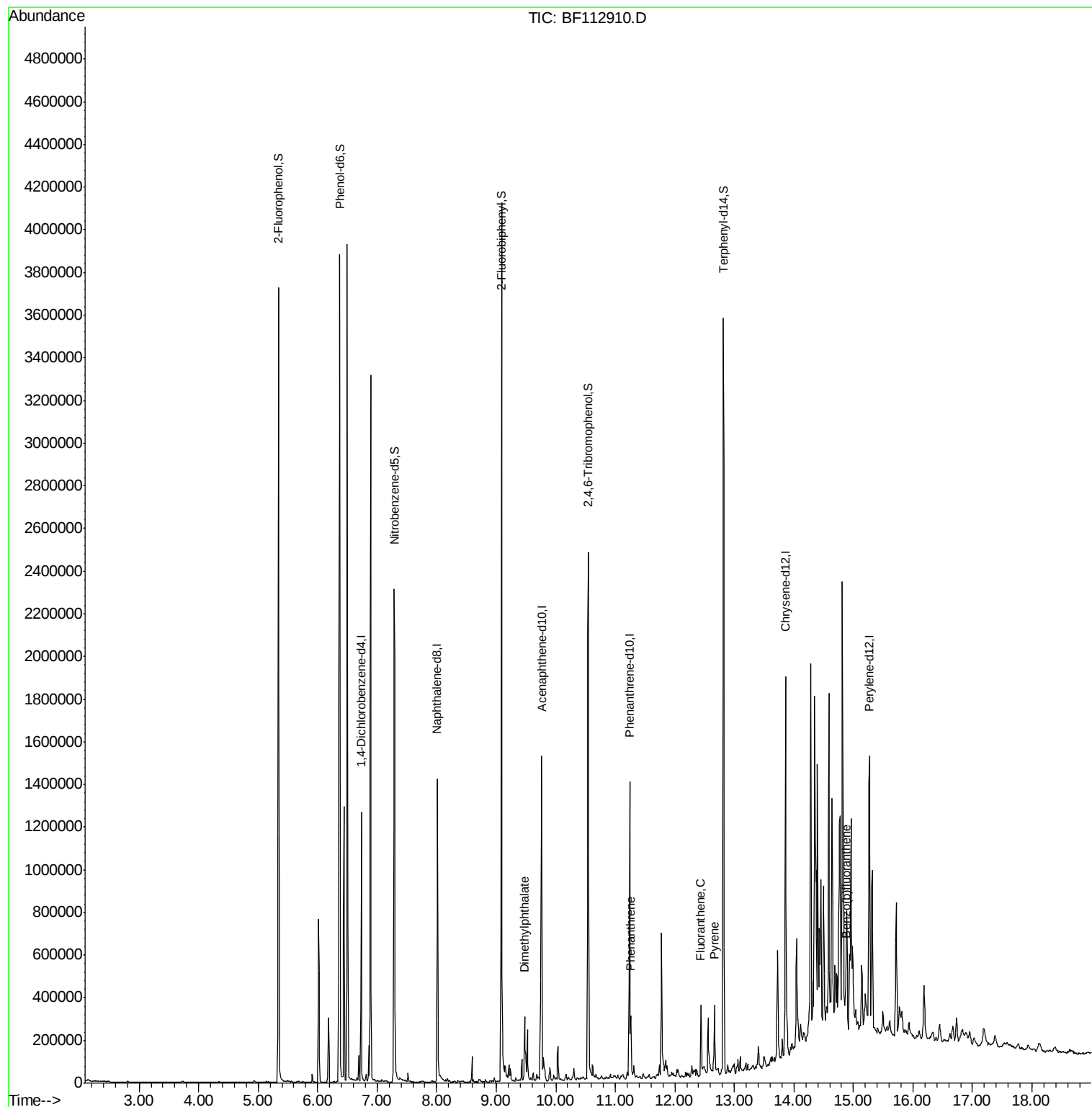
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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ALS Vial : 28 Sample Multiplier: 1

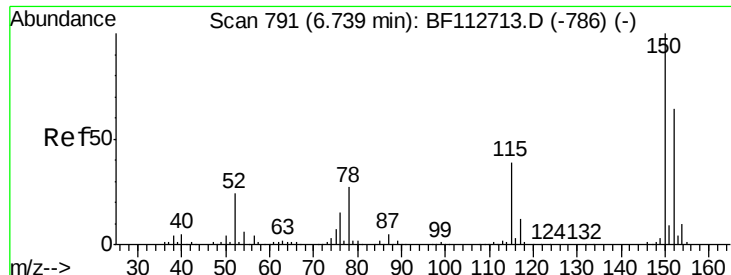
Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Manual Integrations
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#1

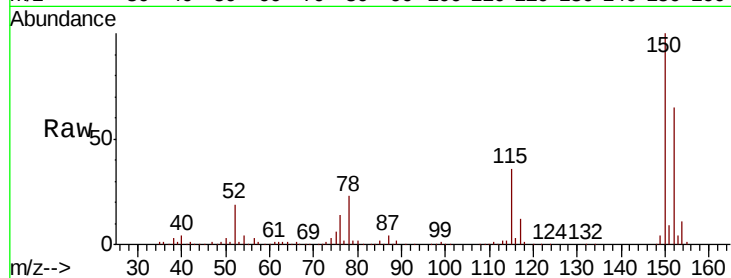
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	55.5	48.2	72.4

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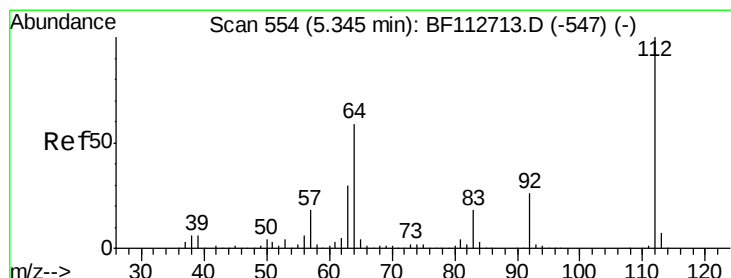
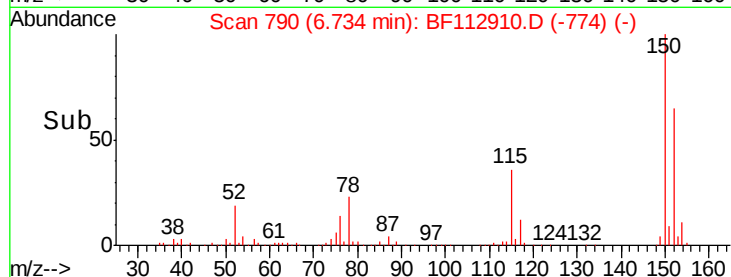
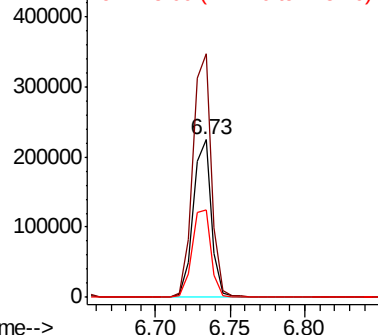


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

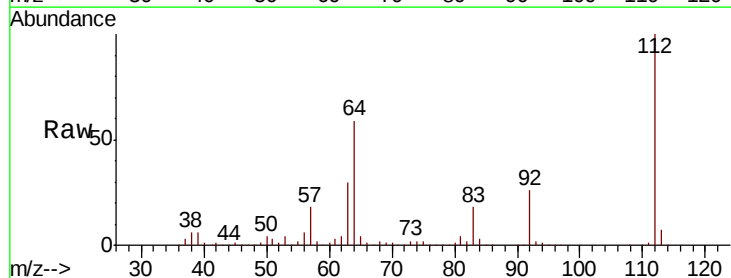
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.875 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.4	36.6

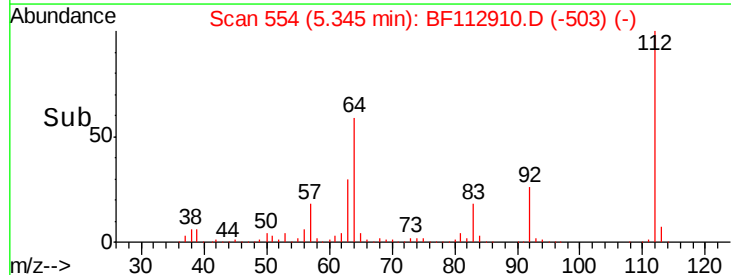
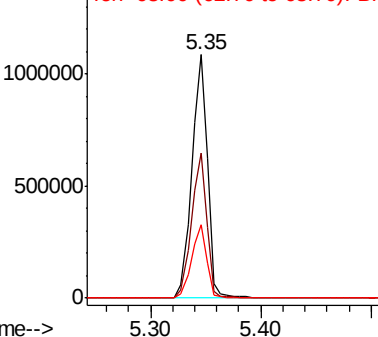


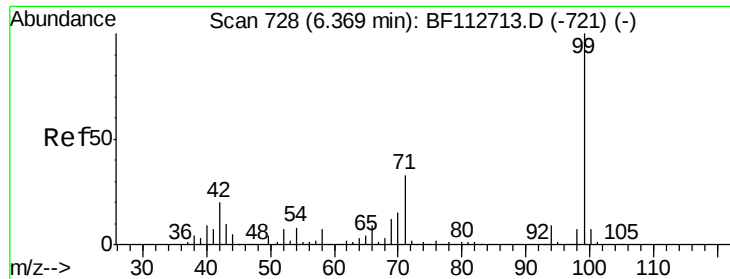
Abundance

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: 91.038 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112910.D

Acq: 7 Mar 2019 4:49

Instrument :

BNA_F

ClientSampleId :

PST-028-B101-022719

Tot Ion: 99 Resp: 1422333

Ion Ratio Lower Upper

99 100

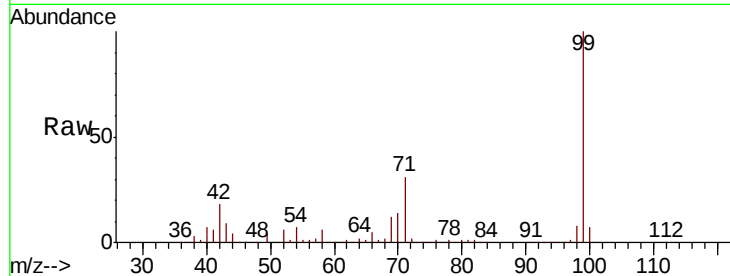
42 18.2 16.3 24.5

71 31.1 26.2 39.4

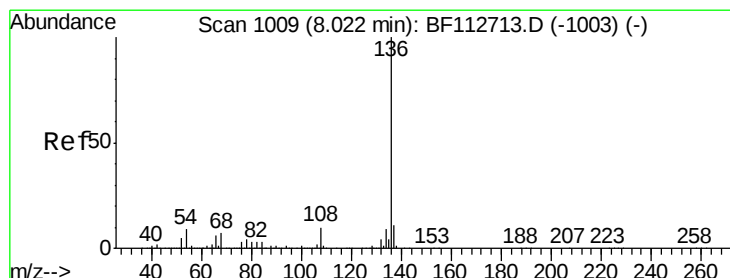
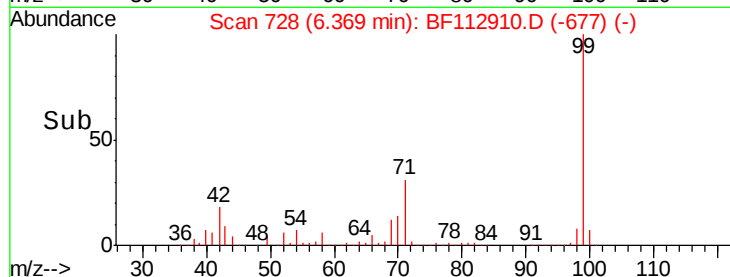
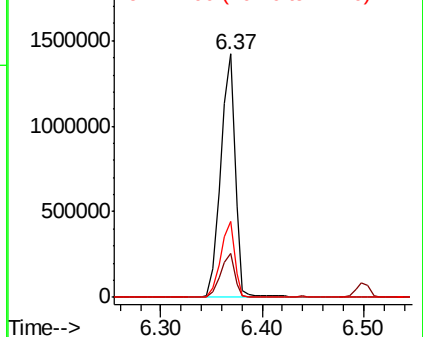
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112910.D

Acq: 7 Mar 2019 4:49

Tgt Ion: 136 Resp: 709862

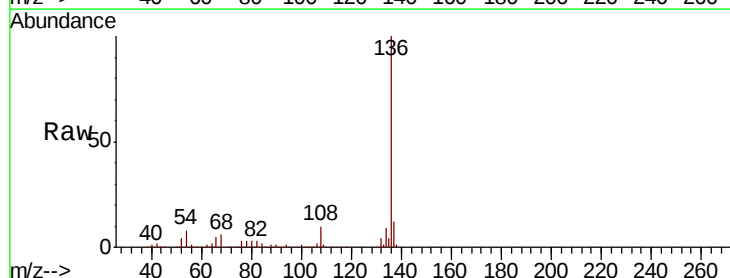
Ion Ratio Lower Upper

136 100

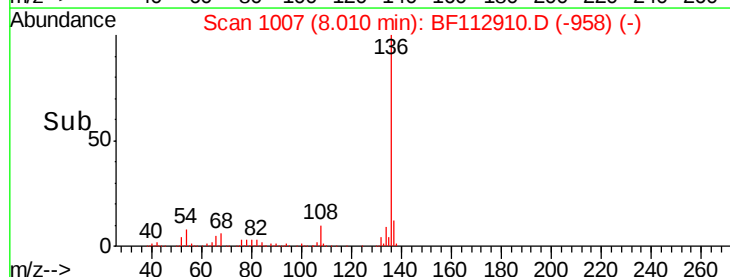
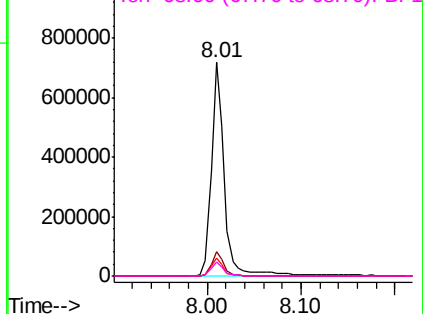
137 11.5 8.9 13.3

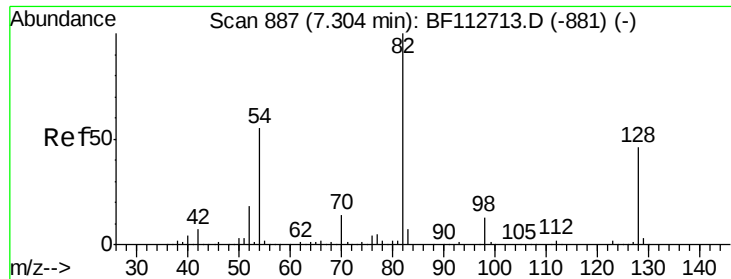
54 8.3 7.3 10.9

68 6.4 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





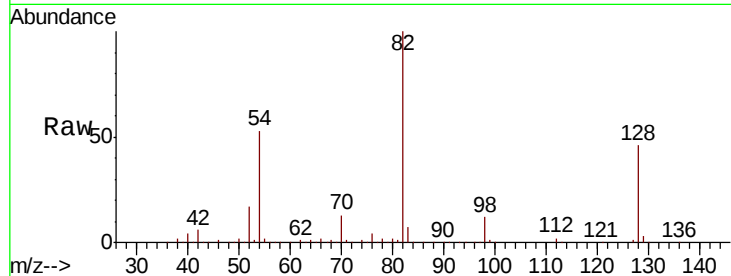
#23
Nitrobenzene-d5
Concen: 68.158 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	52.8	43.7	65.5

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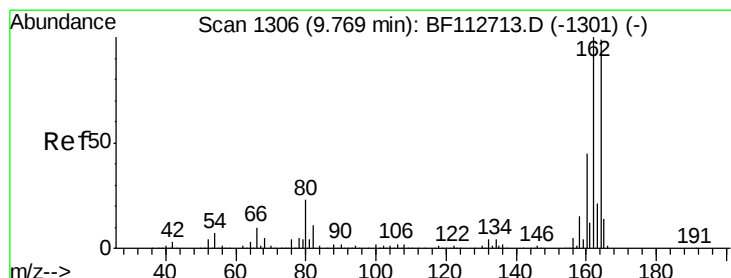
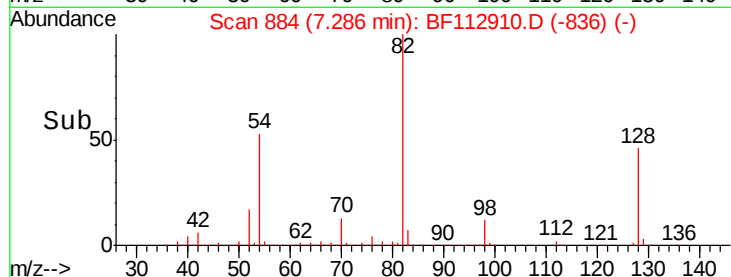
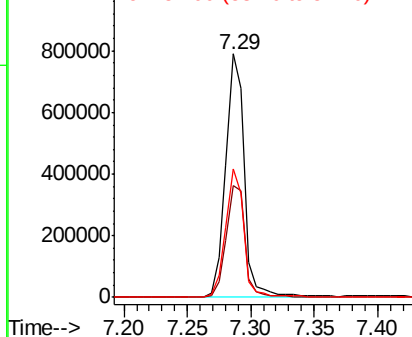


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

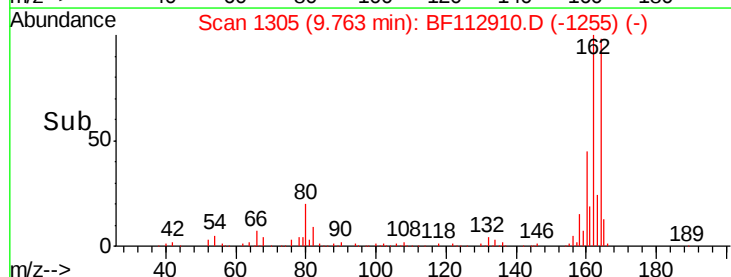
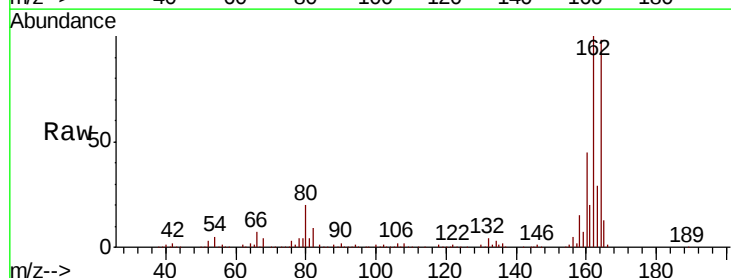
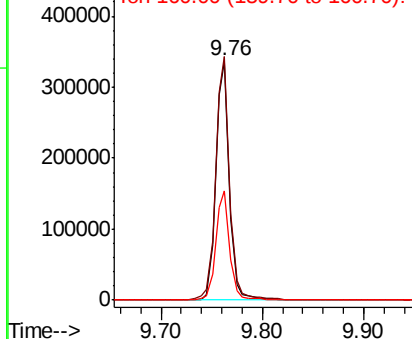
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.9	36.0	54.0

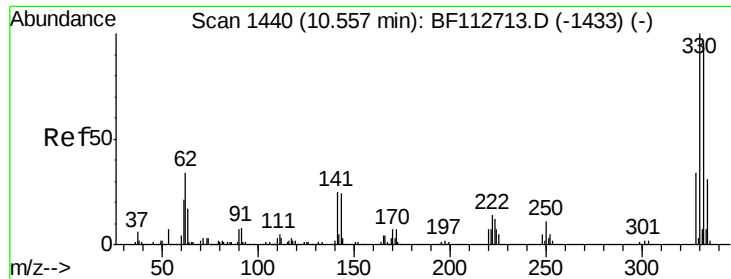
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





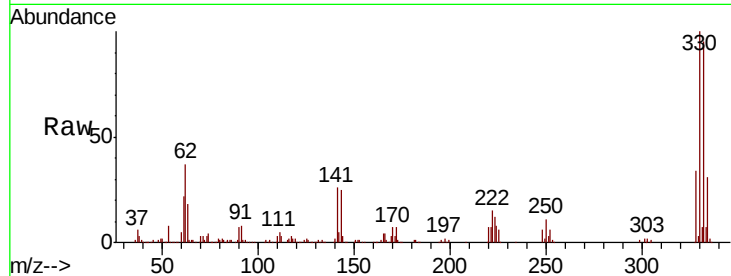
#42
 2,4,6-Tribromophenol
 Concen: 107.726 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112910.D
 Acq: 7 Mar 2019 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B101-022719

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.5	27.0	40.6

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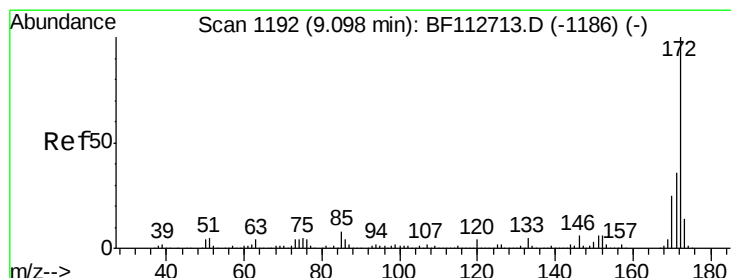
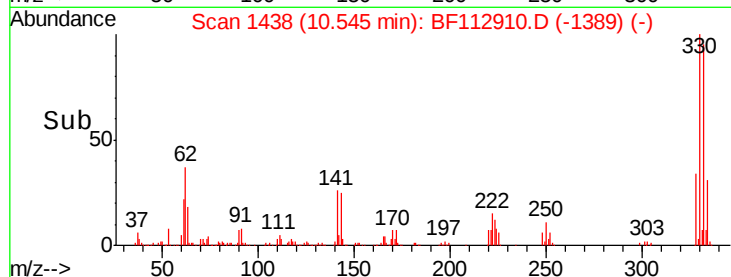
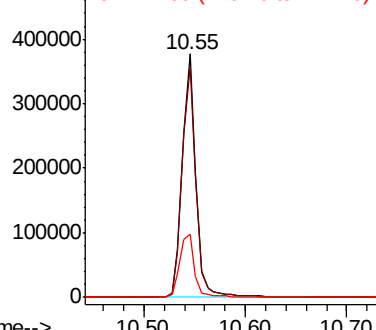


Abundance

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: 70.016 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112910.D
 Acq: 7 Mar 2019 4:49

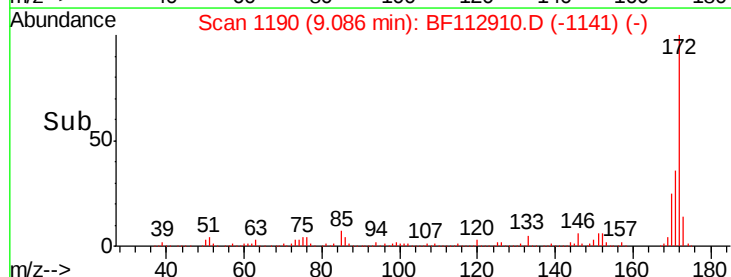
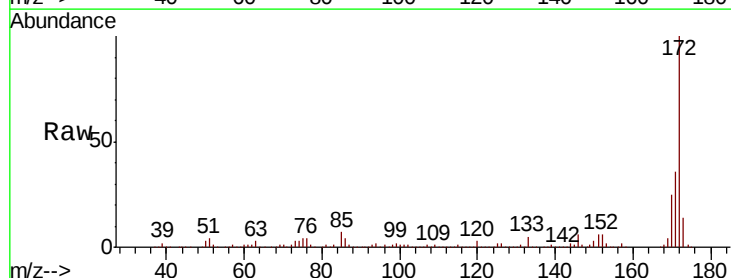
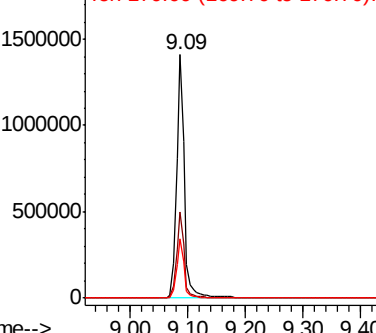
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.5	20.0	30.0

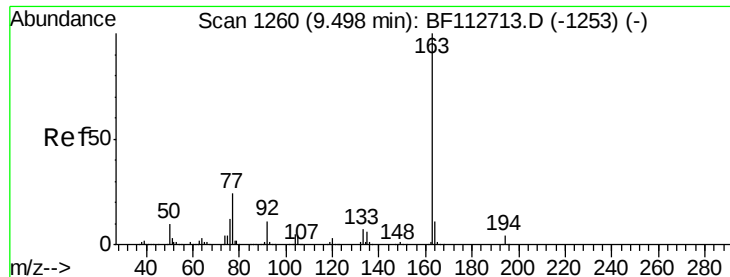
Abundance

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





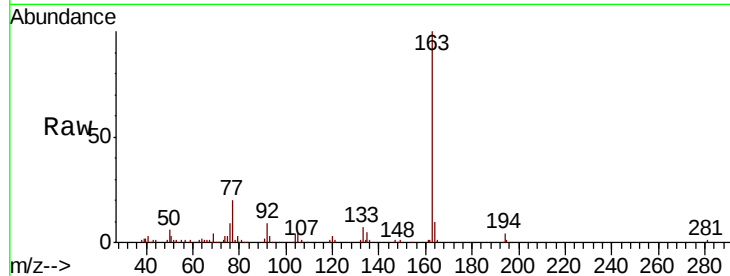
#50
Dimethylphthalate
Concen: 5.042 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115286		
194	3.6		3.0	4.4
164	10.5		8.4	12.6

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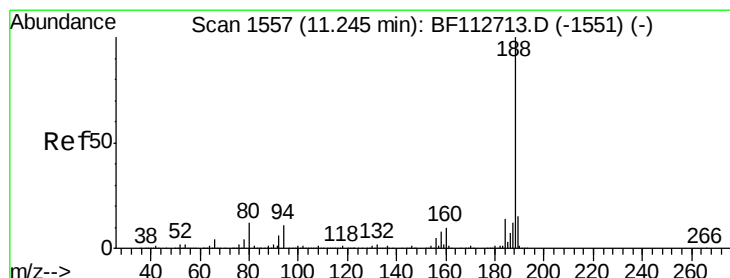
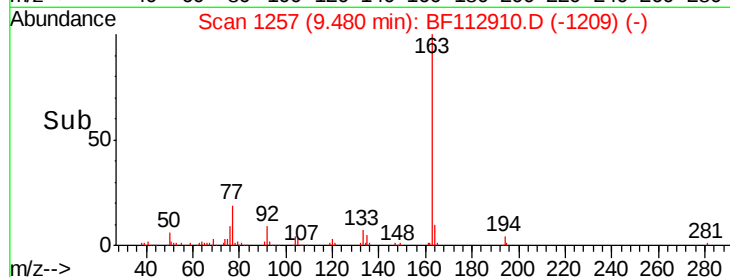
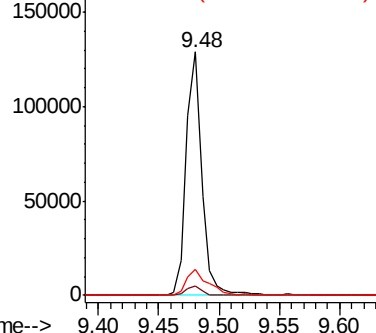


Abundance

Ion 163.00 (162.70 to 163.70): E

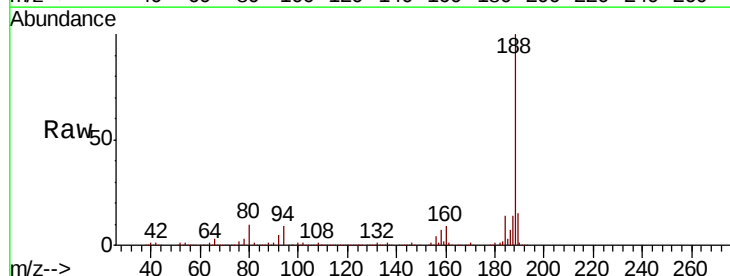
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	576028		
94	9.4		9.0	13.4
80	10.2		9.2	13.8

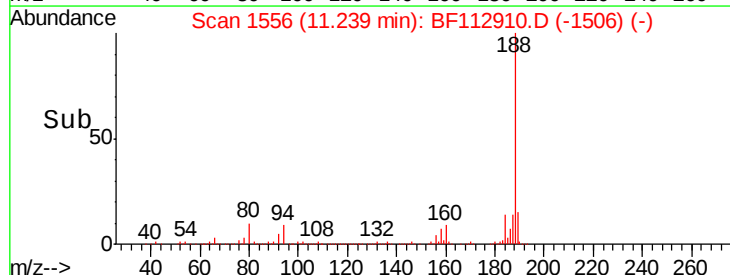
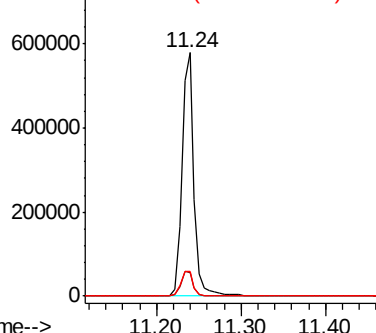


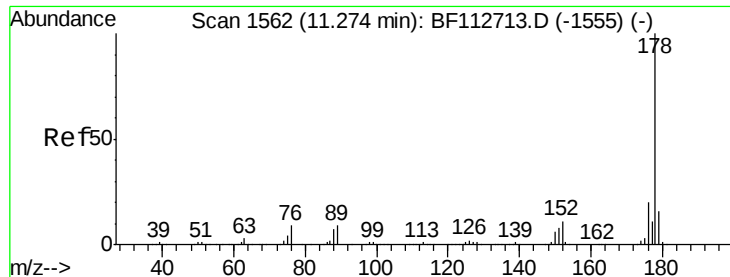
Abundance

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





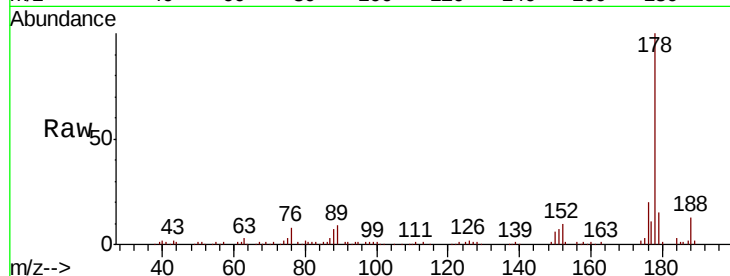
#71
Phenanthrene
Concen: 3.486 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	14.8	12.7	19.1

Manual Integrations
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3/7/2019 11:03:04 AM

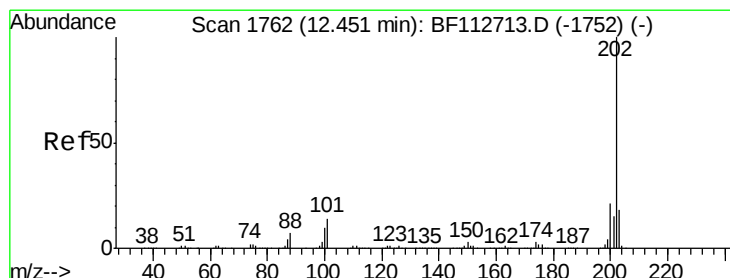
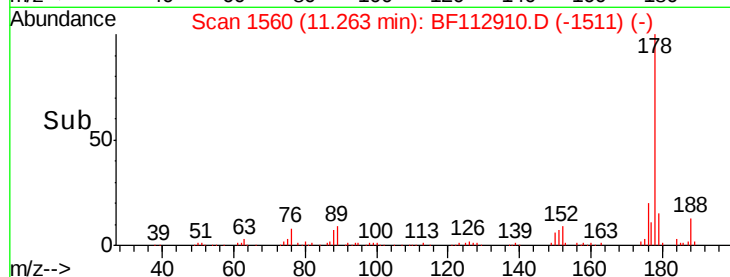
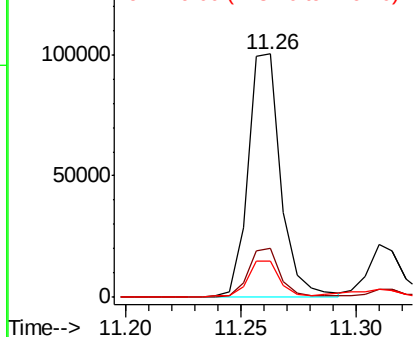


Abundance

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: 4.639 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

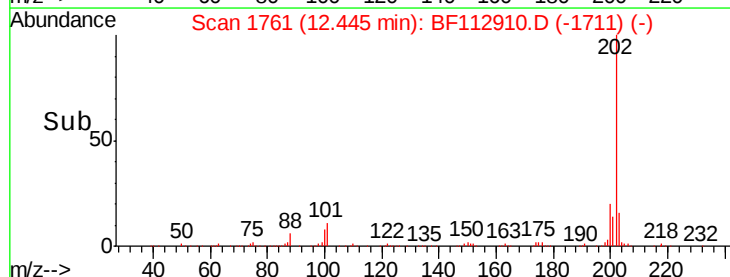
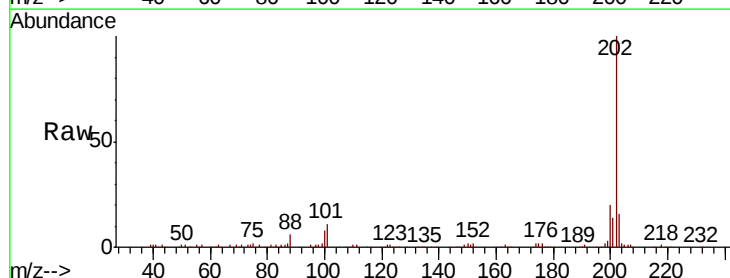
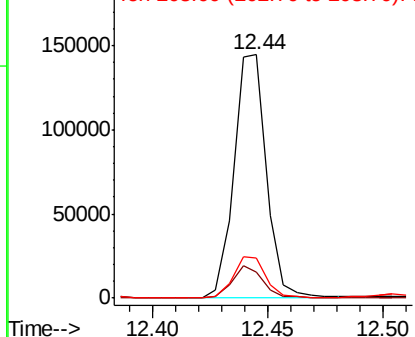
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	16.4	0.0	38.4

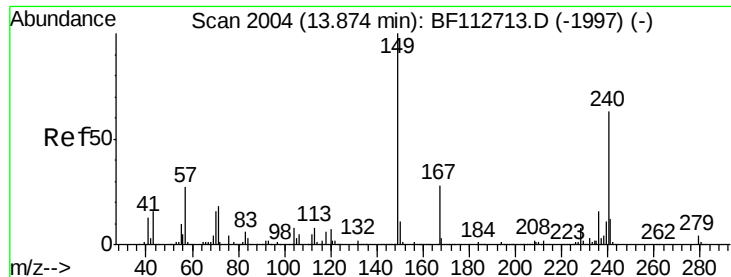
Abundance

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112910.D

Acq: 7 Mar 2019 4:49

Instrument :

BNA_F

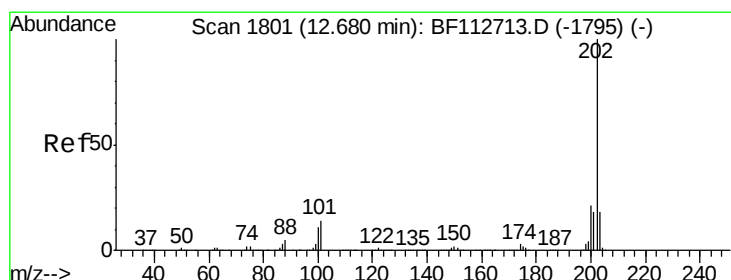
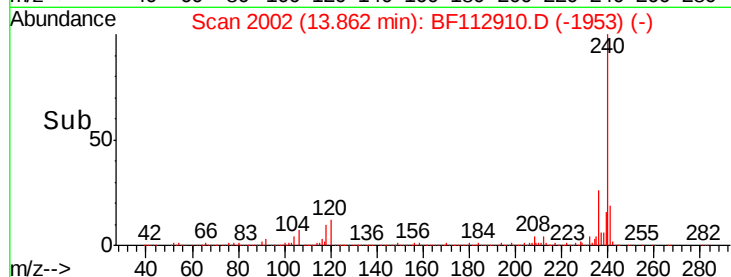
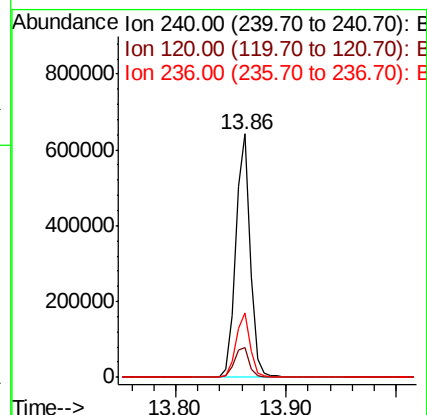
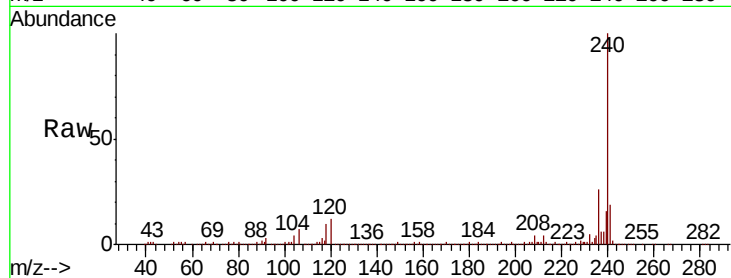
ClientSampleId :

PST-028-B101-022719

Tot Ion:	240	Resp:	589886
Ion Ratio	Lower	Upper	
240	100		
120	12.1	8.9	13.3
236	26.4	20.7	31.1

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#78

Pyrene

Concen: 2.737 ng

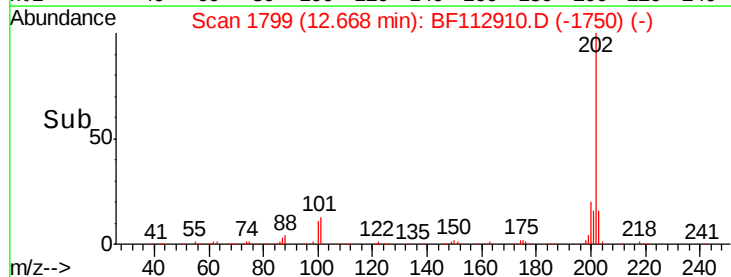
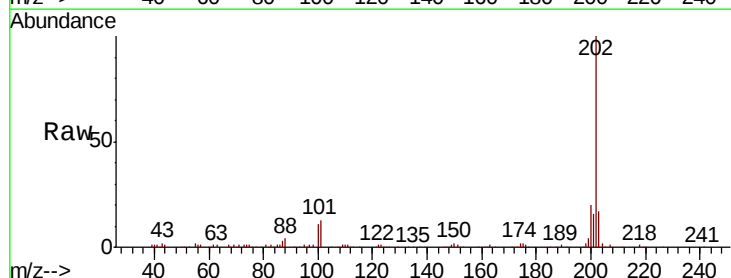
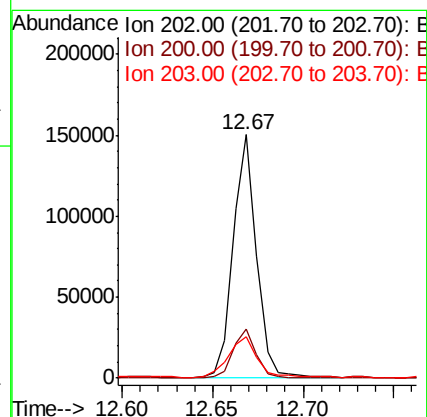
RT: 12.67 min Scan# 1799

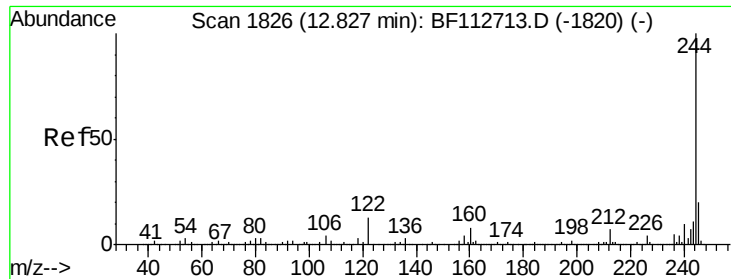
Delta R.T. -0.01 min

Lab File: BF112910.D

Acq: 7 Mar 2019 4:49

Tgt Ion:	202	Resp:	136127
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.0	25.4
203	17.1	14.4	21.6





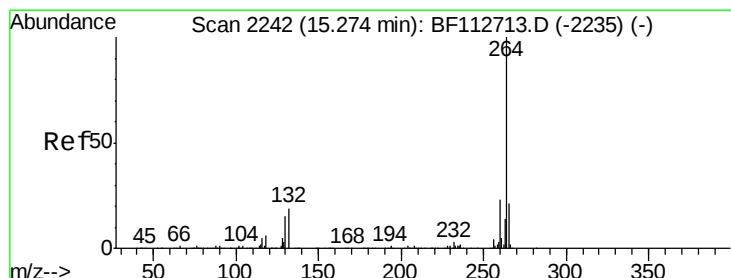
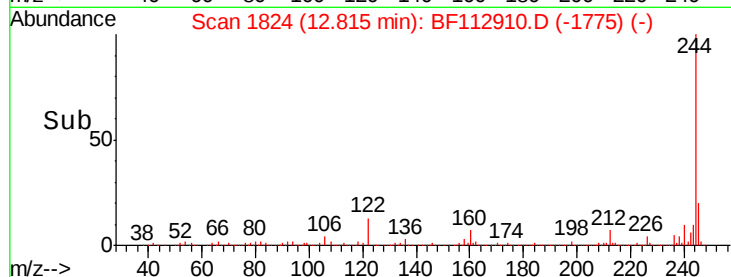
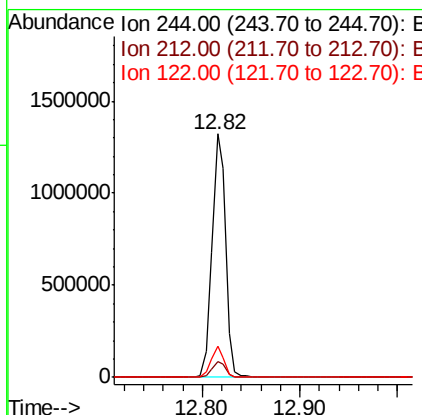
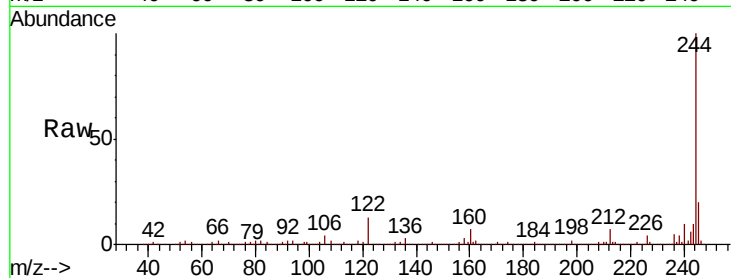
#79
 Terphenyl-d14
 Concen: 41.639 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112910.D
 Acq: 7 Mar 2019 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B101-022719

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	6.7	5.6	8.4	
122	12.5	10.5	15.7	

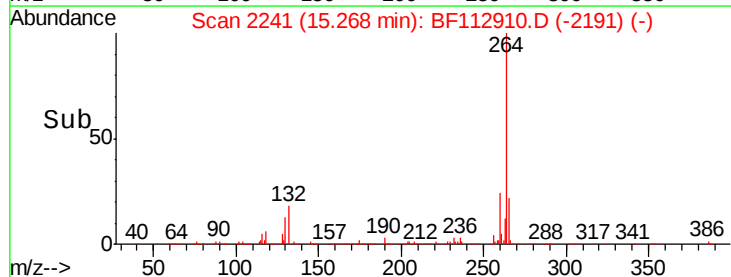
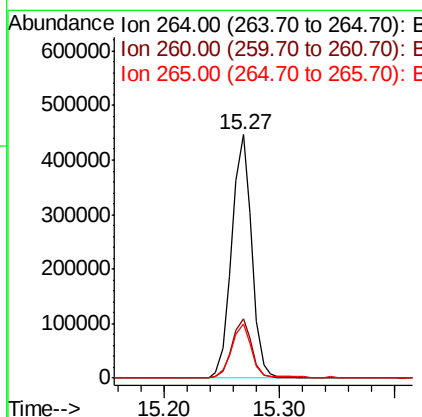
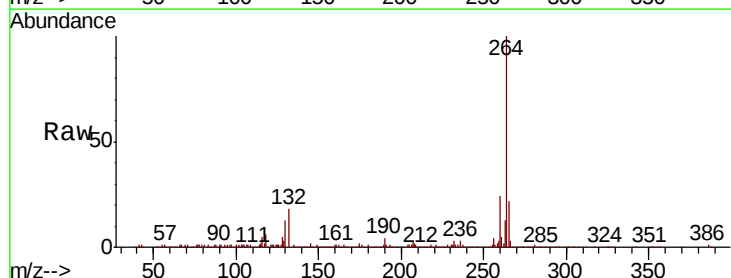
Manual Integrations
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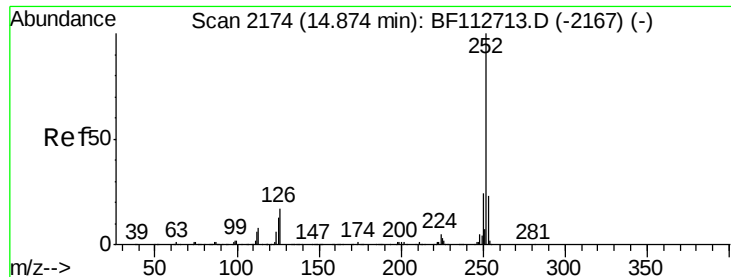
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112910.D
 Acq: 7 Mar 2019 4:49

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.3	18.7	28.1	
265	22.1	17.2	25.8	





#88
 Benzo(b)fluoranthene
 Concen: 2.300 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF112910.D
 Acq: 7 Mar 2019 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B101-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	15.2	10.2	15.2

Manual Integrations
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