

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112878.D
 Acq On : 6 Mar 2019 3:24
 Operator : JU/SJ
 Sample : K1705-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/6/2019 12:24:52 PM

Quant Time: Mar 06 04:46:01 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	6.74	152	159379	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	577240	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	249489	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	477079	20.00	ng	0.00
76) Chrysene-d12	13.87	240	454576	20.00	ng	0.00
87) Perylene-d12	15.29	264	305564	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	900391	87.88	ng	0.00
7) Phenol-d6	6.37	99	1180355	91.71	ng	0.00
23) Nitrobenzene-d5	7.30	82	696174	72.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	301294	113.75	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1130849	72.17	ng	0.00
79) Terphenyl-d14	12.83	244	1073325	45.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	94476	5.136	ng	99
71) Phenanthrene	11.27	178	82181	3.462	ng	96
75) Fluoranthene	12.46	202	115625	4.547	ng	95
78) Pyrene	12.68	202	109418	2.855	ng	98
88) Benzo(b)fluoranthene	14.89	252	46582m	2.357	ng	

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

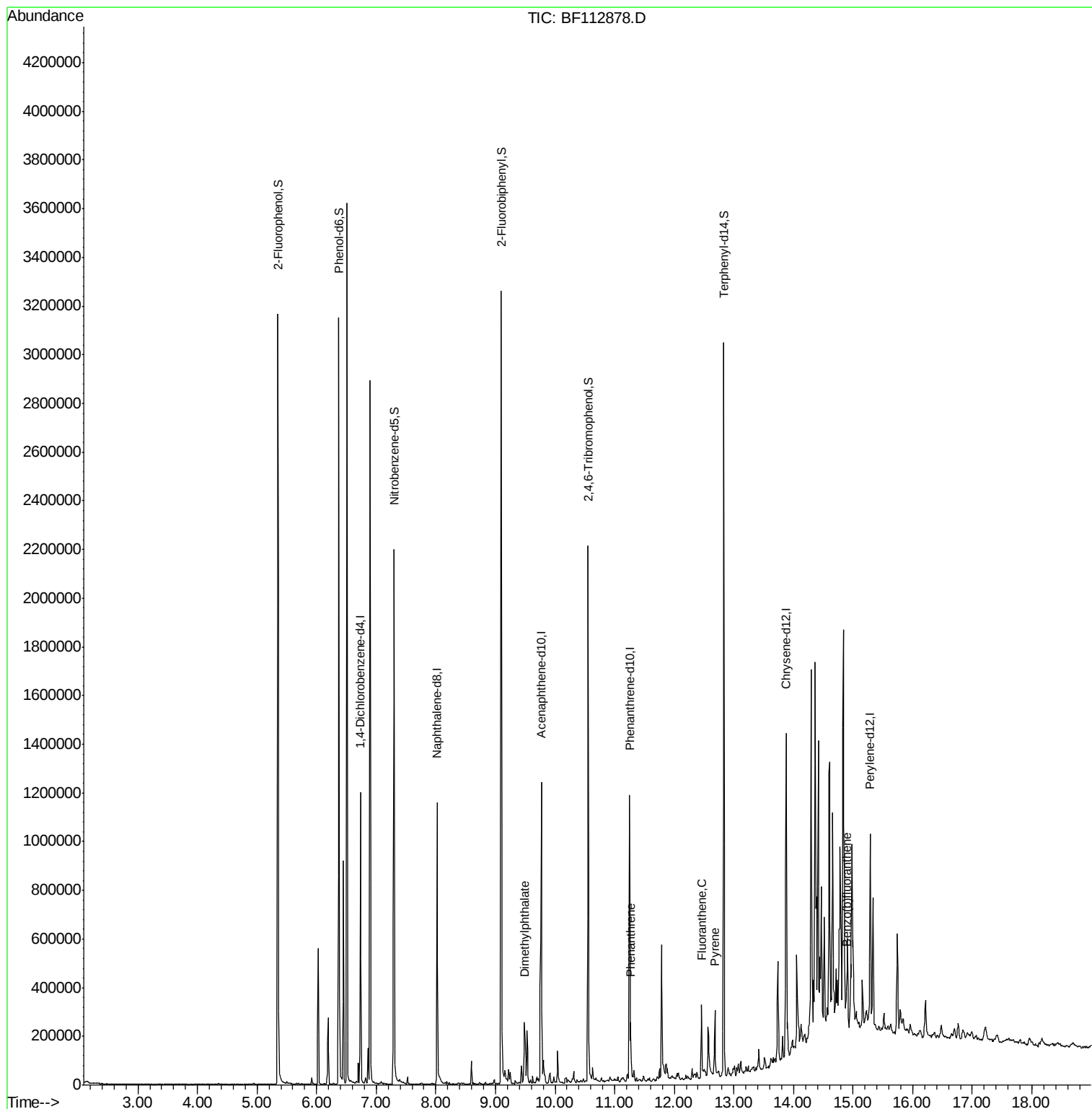
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

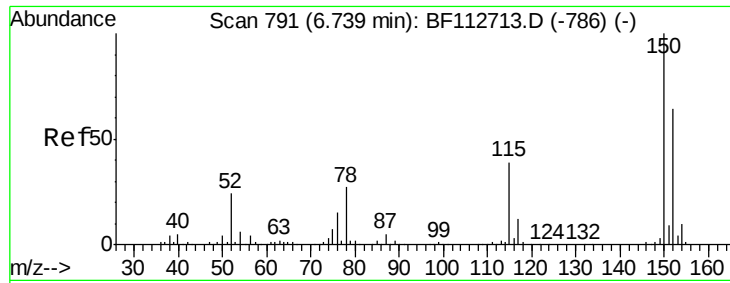
Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

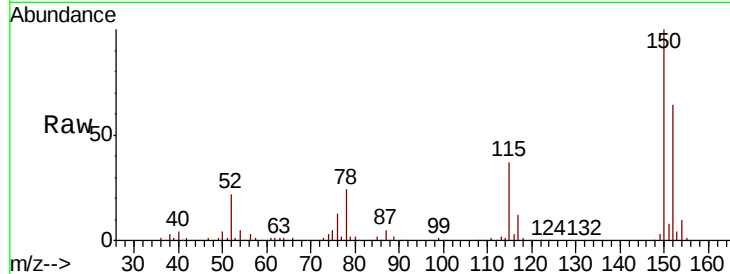
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.5	48.2	72.4

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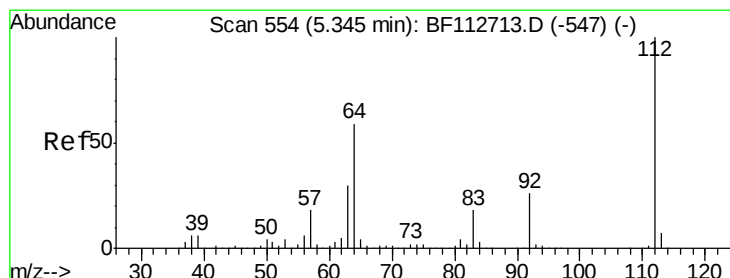
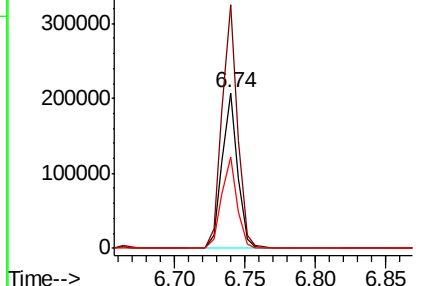
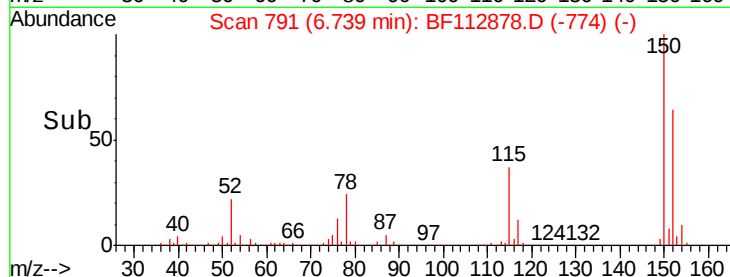


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

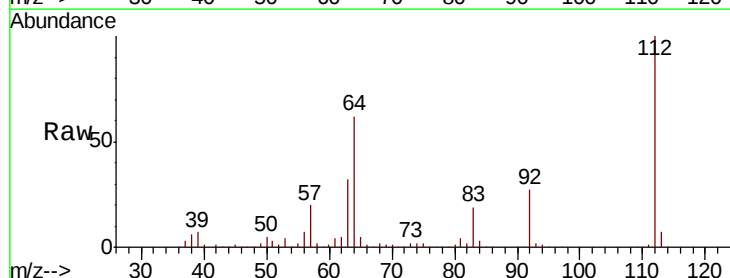
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.878 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.6	71.4
63	32.0	24.4	36.6

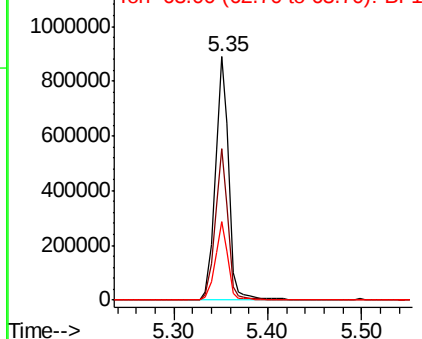
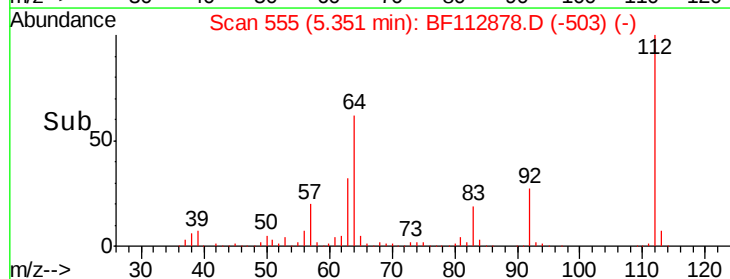


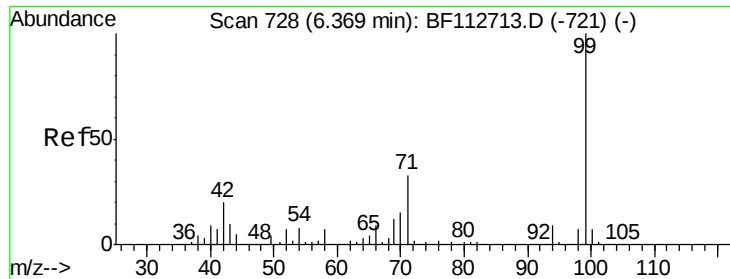
Abundance

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: 91.710 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PST-028-B101-022719

Tot Ion: 99 Resp: 1180355

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

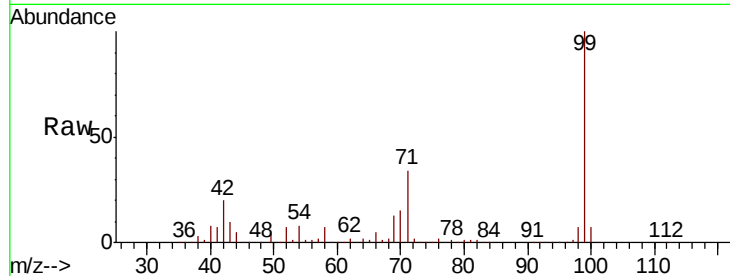
71 33.6 26.2 39.4

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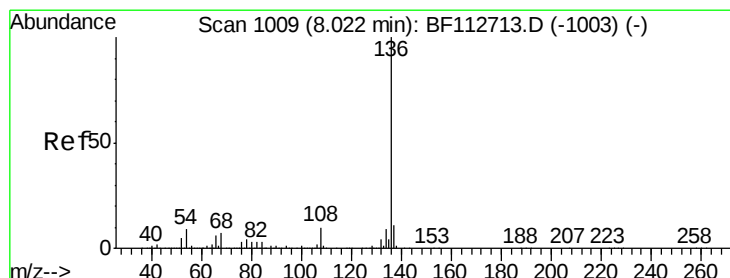
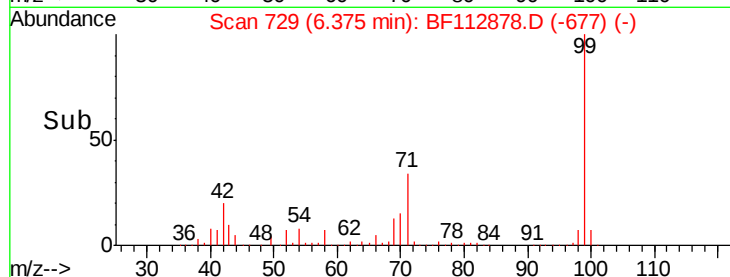
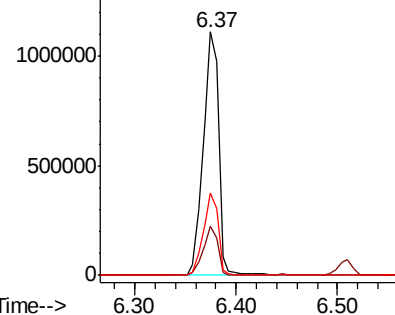
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Tgt Ion: 136 Resp: 577240

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 7.3 10.9

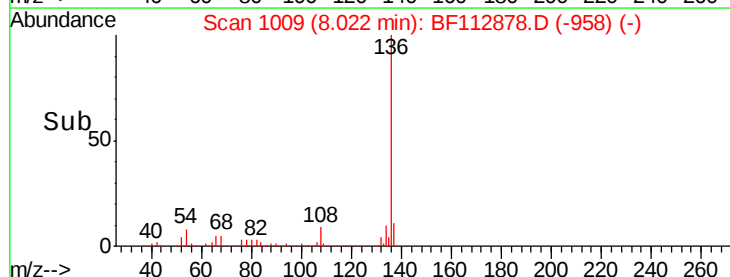
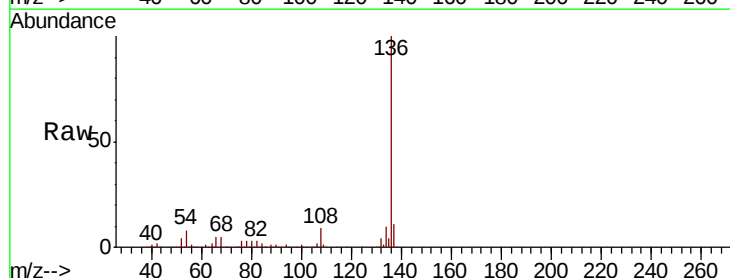
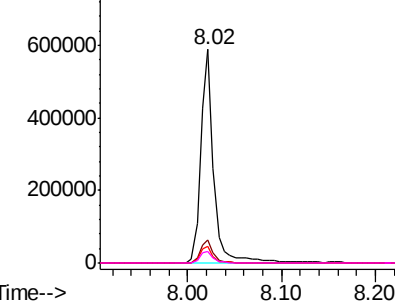
68 5.5 5.4 8.2

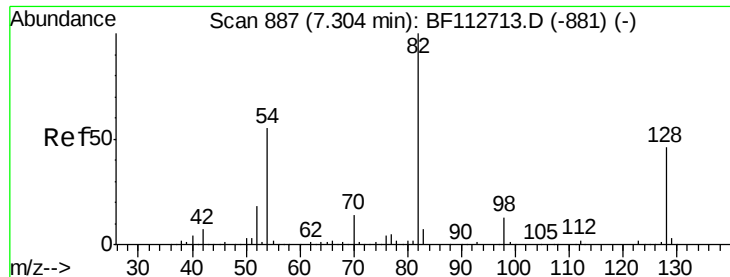
Abundance Ion 136.00 (135.70 to 136.70): E

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





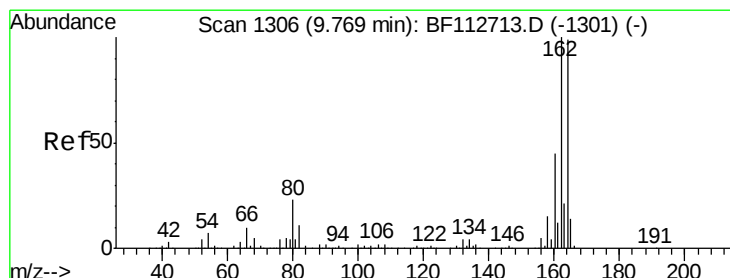
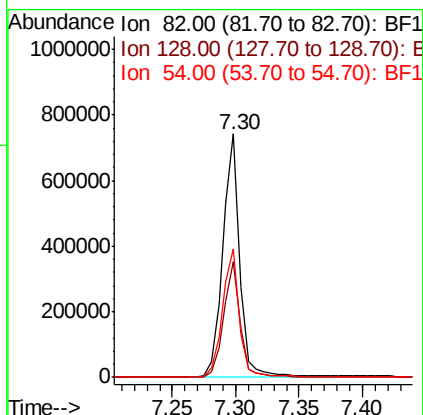
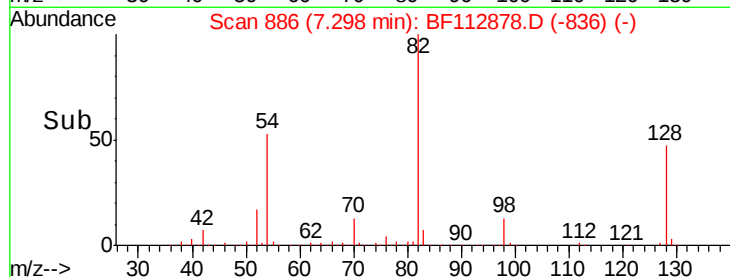
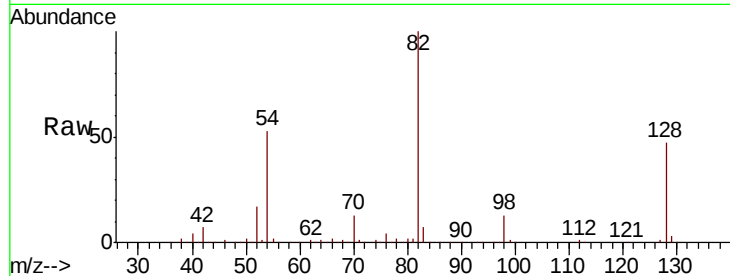
#23
Nitrobenzene-d5
Concen: 72.167 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	52.7	43.7	65.5

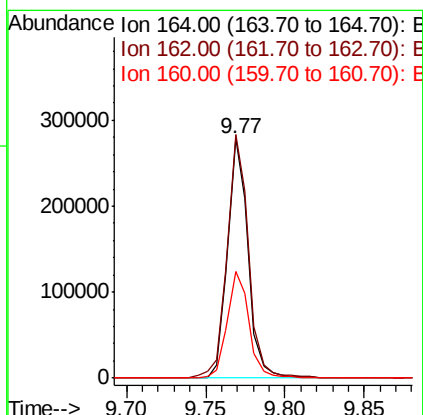
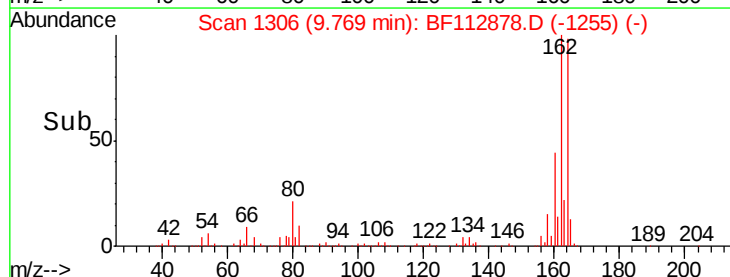
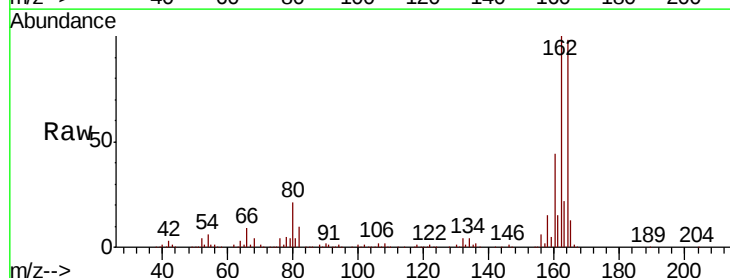
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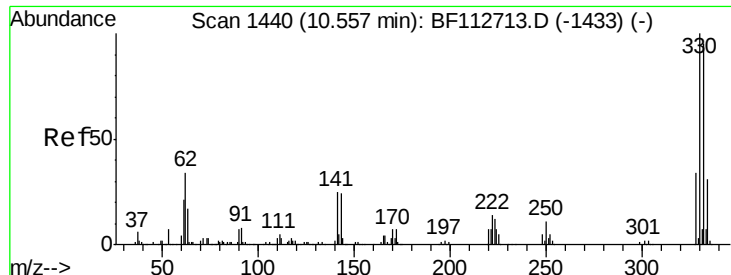
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	44.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 113.754 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Instrument :

BNA_F

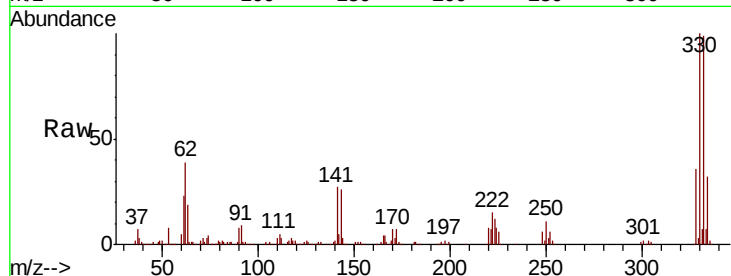
ClientSampleId :

PST-028-B101-022719

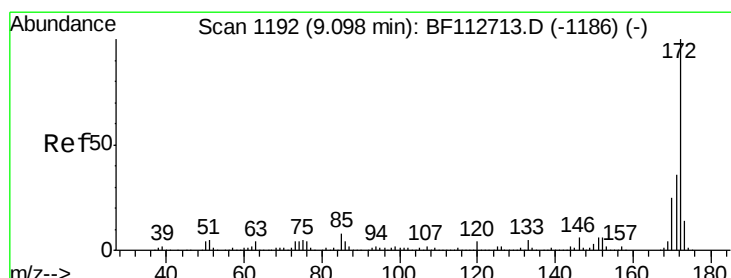
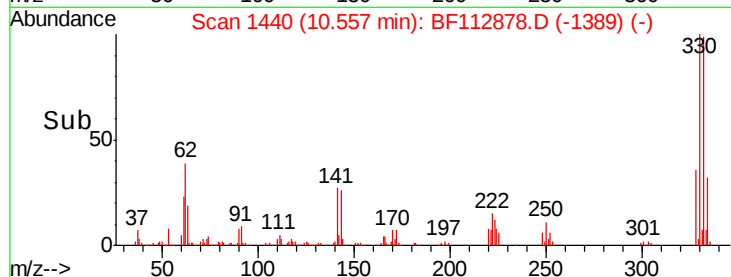
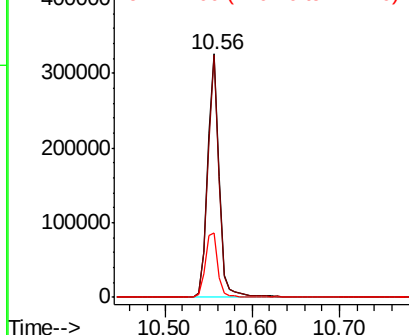
Tot Ion:	330	Resp:	301294
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.2	114.4
141	29.3	27.0	40.6

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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: 72.166 ng

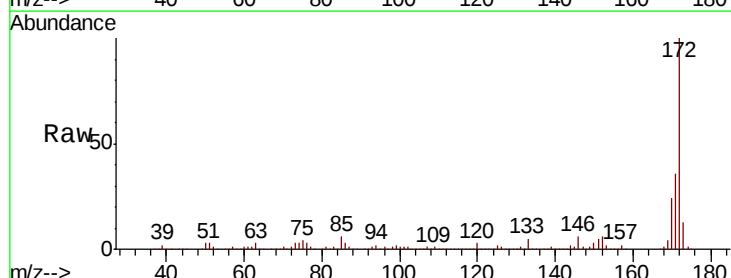
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

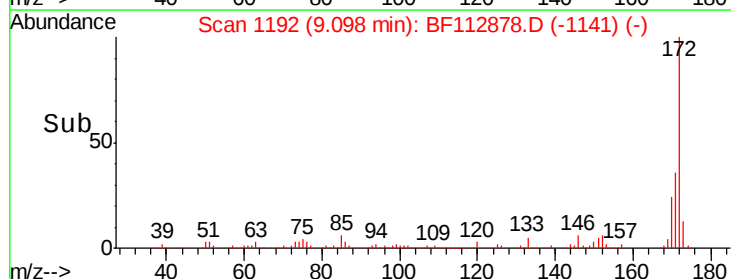
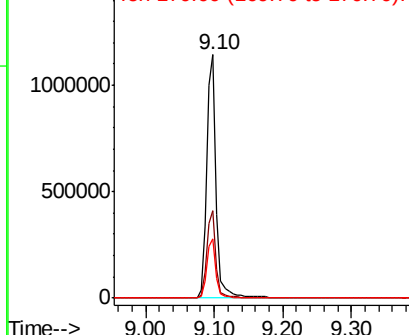
Lab File: BF112878.D

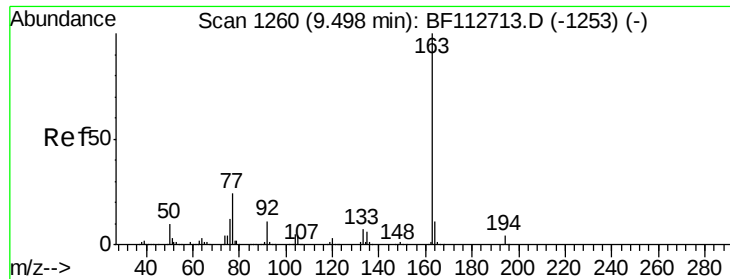
Acq: 6 Mar 2019 3:24

Tgt Ion:	172	Resp:	1130849
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.0	43.4
170	24.1	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





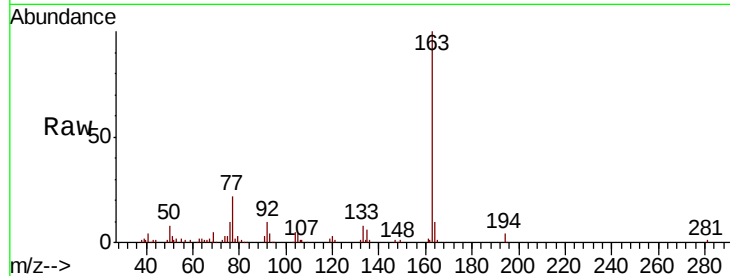
#50
Dimethylphthalate
Concen: 5.136 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	94476		
194	4.4		3.0	4.4
164	10.2		8.4	12.6

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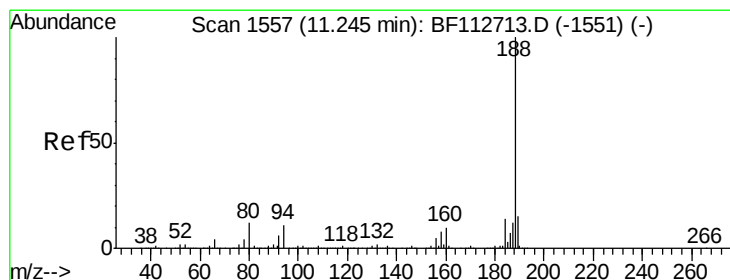
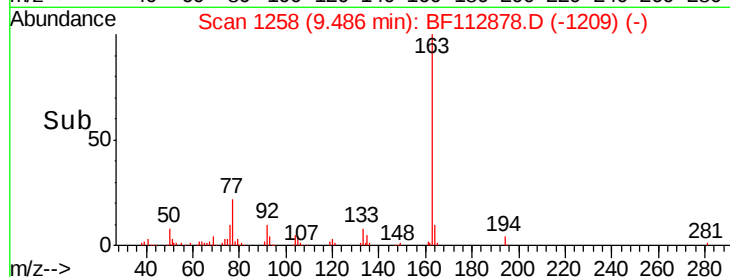
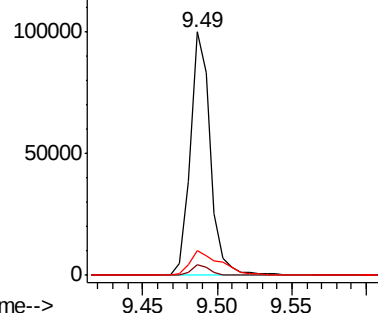


Abundance

Ion 163.00 (162.70 to 163.70): E

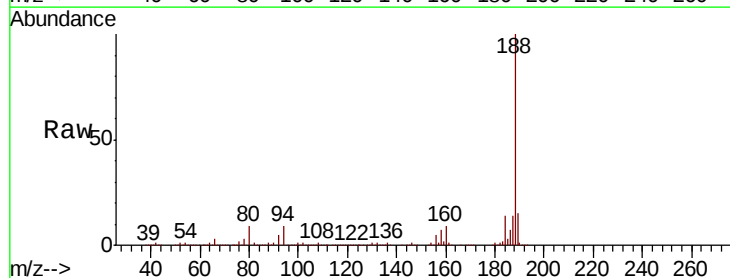
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	477079		
94	9.0		9.0	13.4
80	9.2		9.2	13.8#

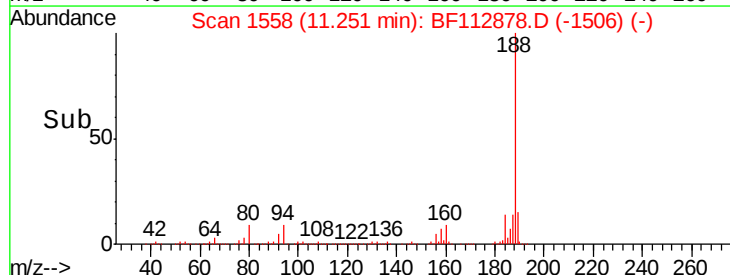
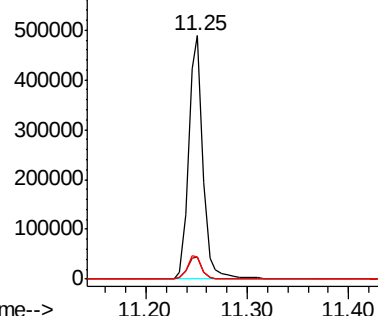


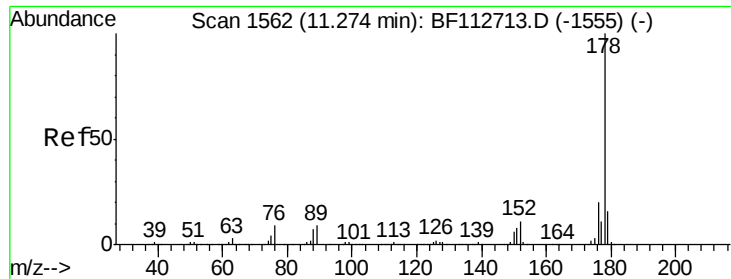
Abundance

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: 3.462 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Instrument :

BNA_F

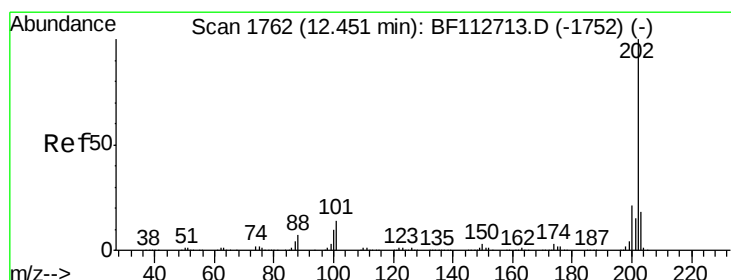
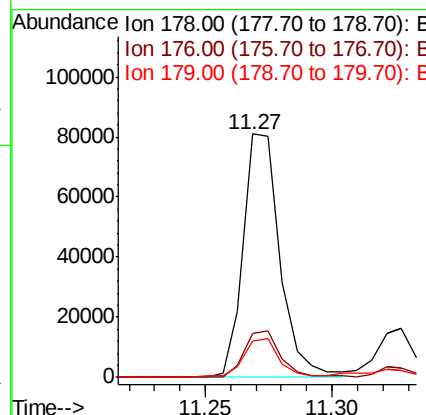
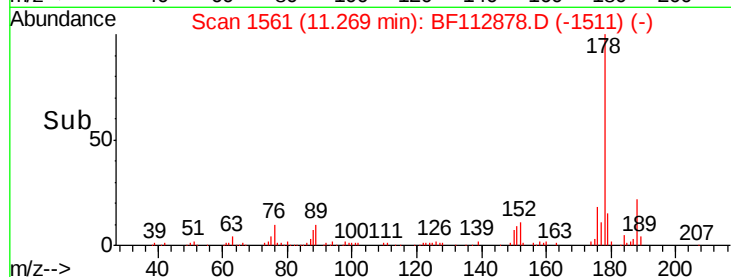
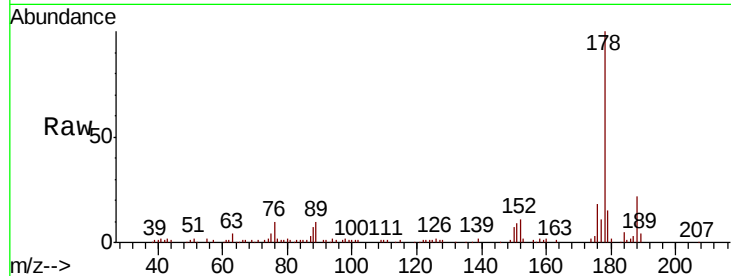
ClientSampleId :

PST-028-B101-022719

Tot Ion:	178	Resp:	82181
Ion Ratio	Lower	Upper	
178	100		
176	18.0	16.3	24.5
179	15.1	12.7	19.1

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#75

Fluoranthene

Concen: 4.547 ng

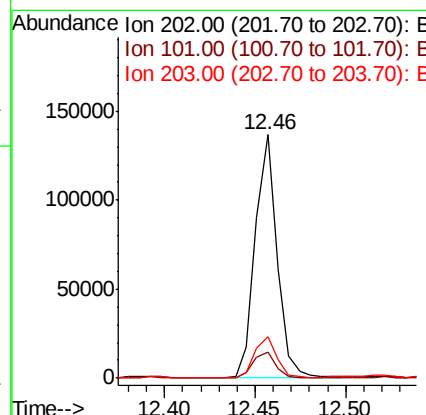
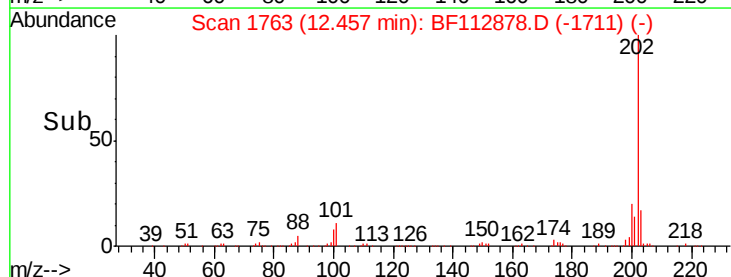
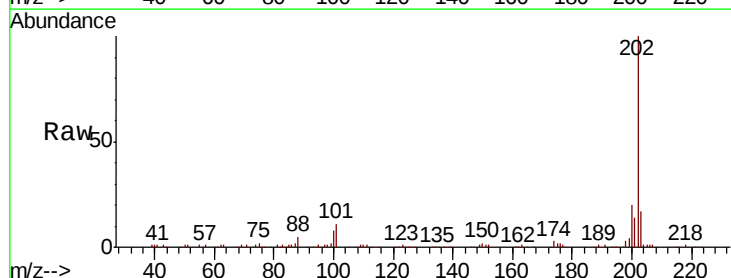
RT: 12.46 min Scan# 1763

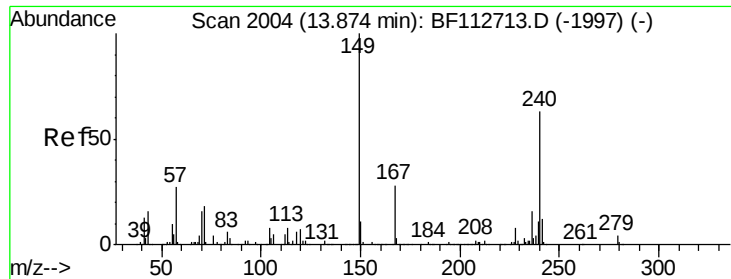
Delta R.T. 0.01 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Tgt Ion:	202	Resp:	115625
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	33.8
203	16.9	0.0	38.4





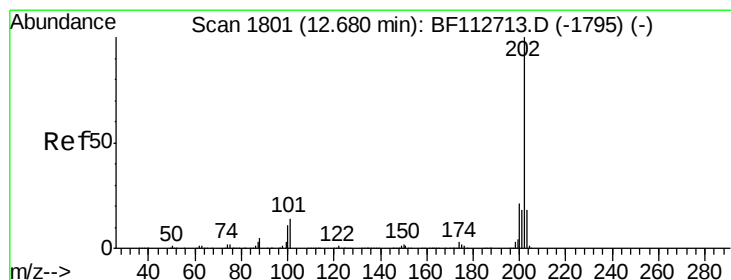
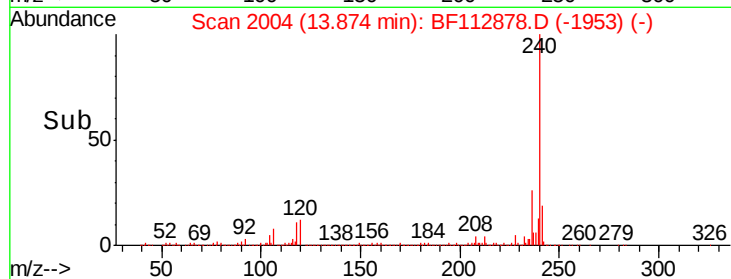
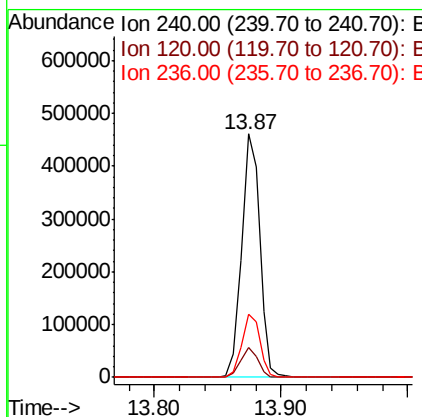
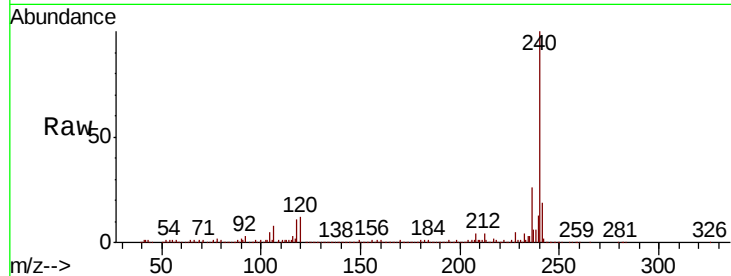
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	26.0	20.7	31.1

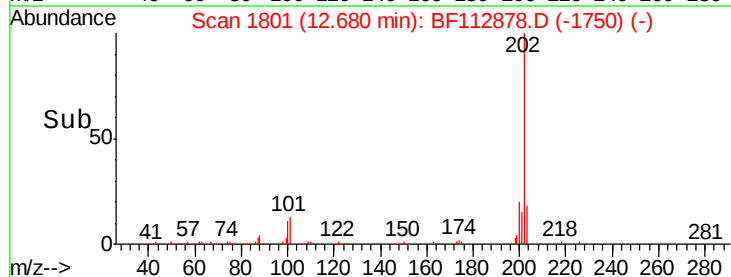
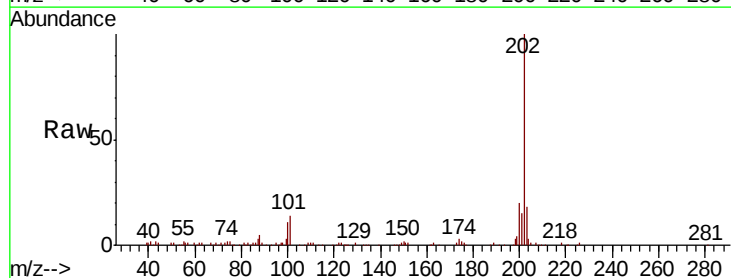
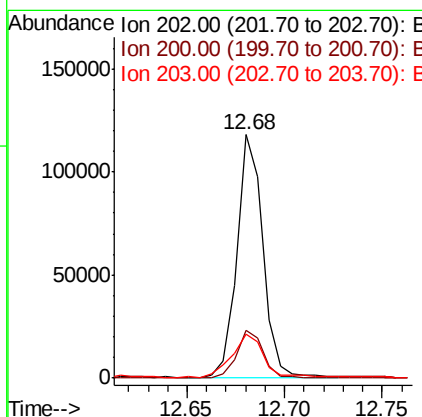
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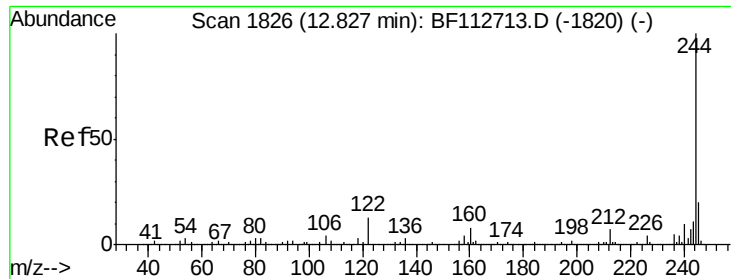
Sohil
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#78
Pyrene
Concen: 2.855 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112878.D
Acq: 6 Mar 2019 3:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.4
203	17.9	14.4	21.6





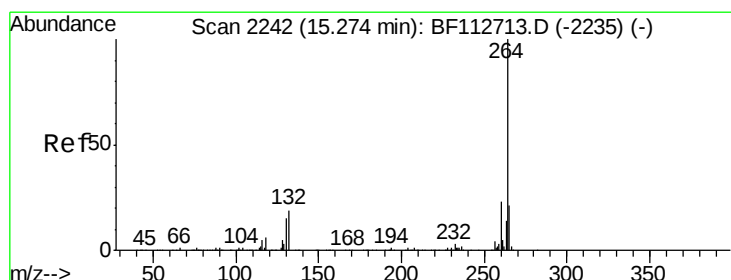
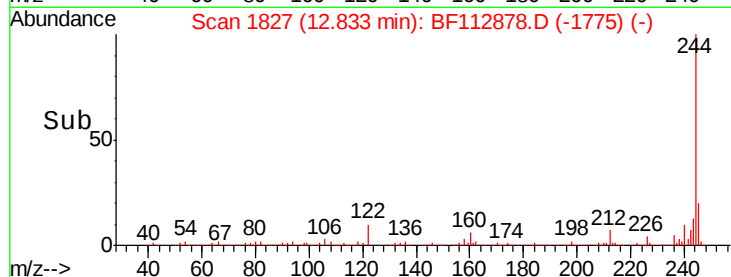
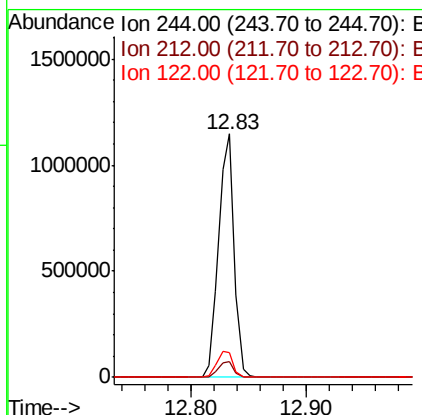
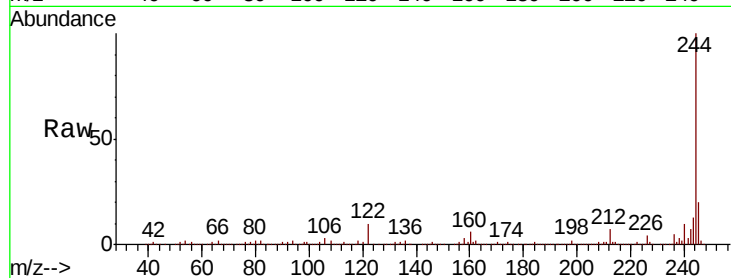
#79
 Terphenyl-d14
 Concen: 45.771 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112878.D
 Acq: 6 Mar 2019 3:24

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.3	10.5	15.7

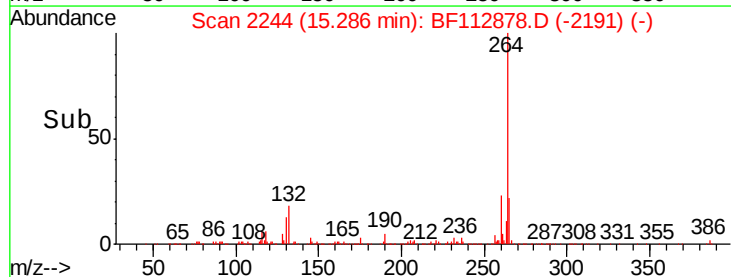
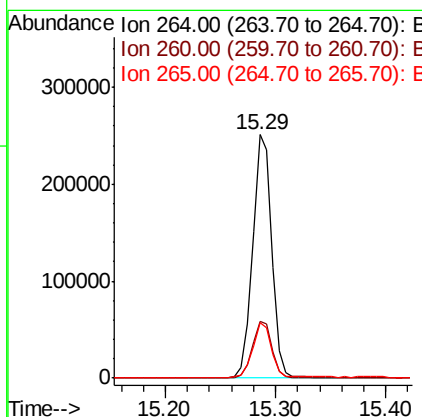
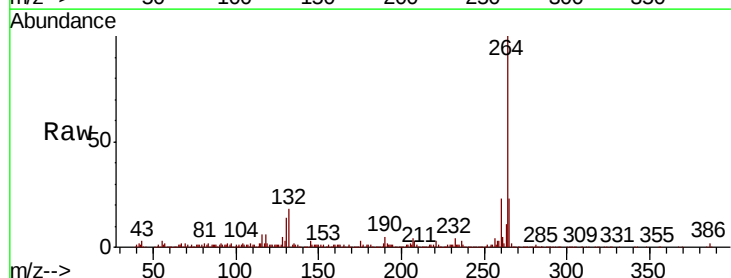
Manual Integrations
 APPROVED

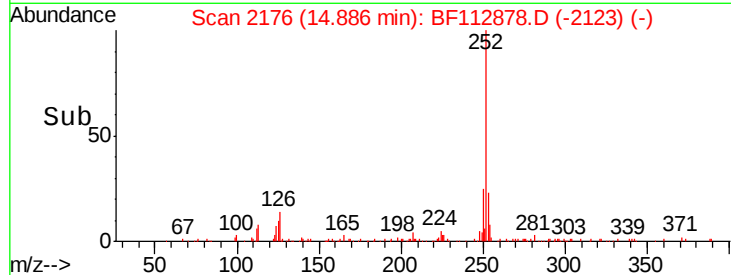
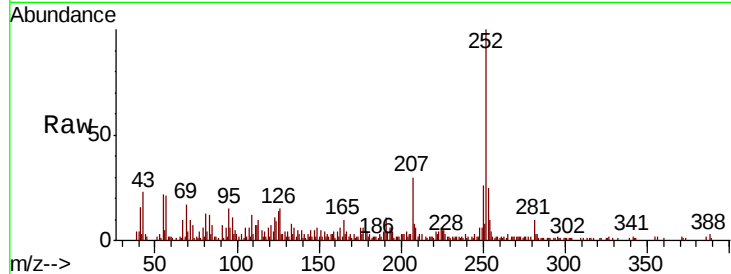
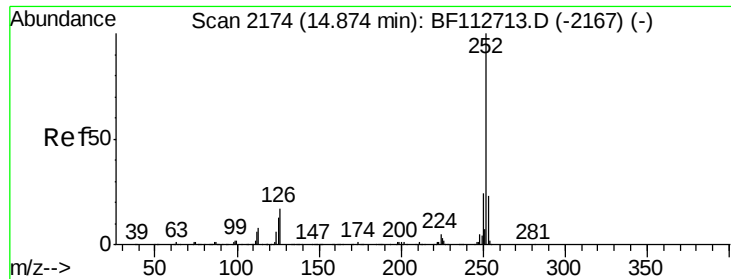
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112878.D
 Acq: 6 Mar 2019 3:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.7	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 2.357 ng m

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF112878.D

Acq: 6 Mar 2019 3:24

Instrument :

BNA_F

ClientSampleId :

PST-028-B101-022719

Tot Ion:	252	Resp:	46582
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.0	27.0
125	13.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/6/2019 12:24:52 PM

