

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112785.D
 Acq On : 1 Mar 2019 2:16
 Operator : JU/SJ
 Sample : K1650-06 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3(2.5-3.5)

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:37 PM

Quant Time: Mar 01 08:31:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178901	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	653144	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	257318	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	460967	20.00	ng	0.00
76) Chrysene-d12	13.87	240	498359	20.00	ng	0.00
87) Perylene-d12	15.29	264	469163	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	250737	21.80	ng	0.00
7) Phenol-d6	6.36	99	331574	22.95	ng	0.00
23) Nitrobenzene-d5	7.30	82	181617	16.64	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	65789	24.08	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	301777	8.22	ng	0.00
79) Terphenyl-d14	12.83	244	293830	11.43	ng	0.00
Target Compounds						
71) Phenanthrene	11.27	178	139529	6.084	ng	97
75) Fluoranthene	12.45	202	210608	8.571	ng	99
78) Pyrene	12.68	202	219389	5.222	ng	98
81) Benzo(a)anthracene	13.86	228	115092	3.332	ng	98
83) Chrysene	13.90	228	105553	3.120	ng	97
88) Benzo(b)fluoranthene	14.88	252	116685m	3.845	ng	
90) Benzo(a)pyrene	15.22	252	82954	3.090	ng	98

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

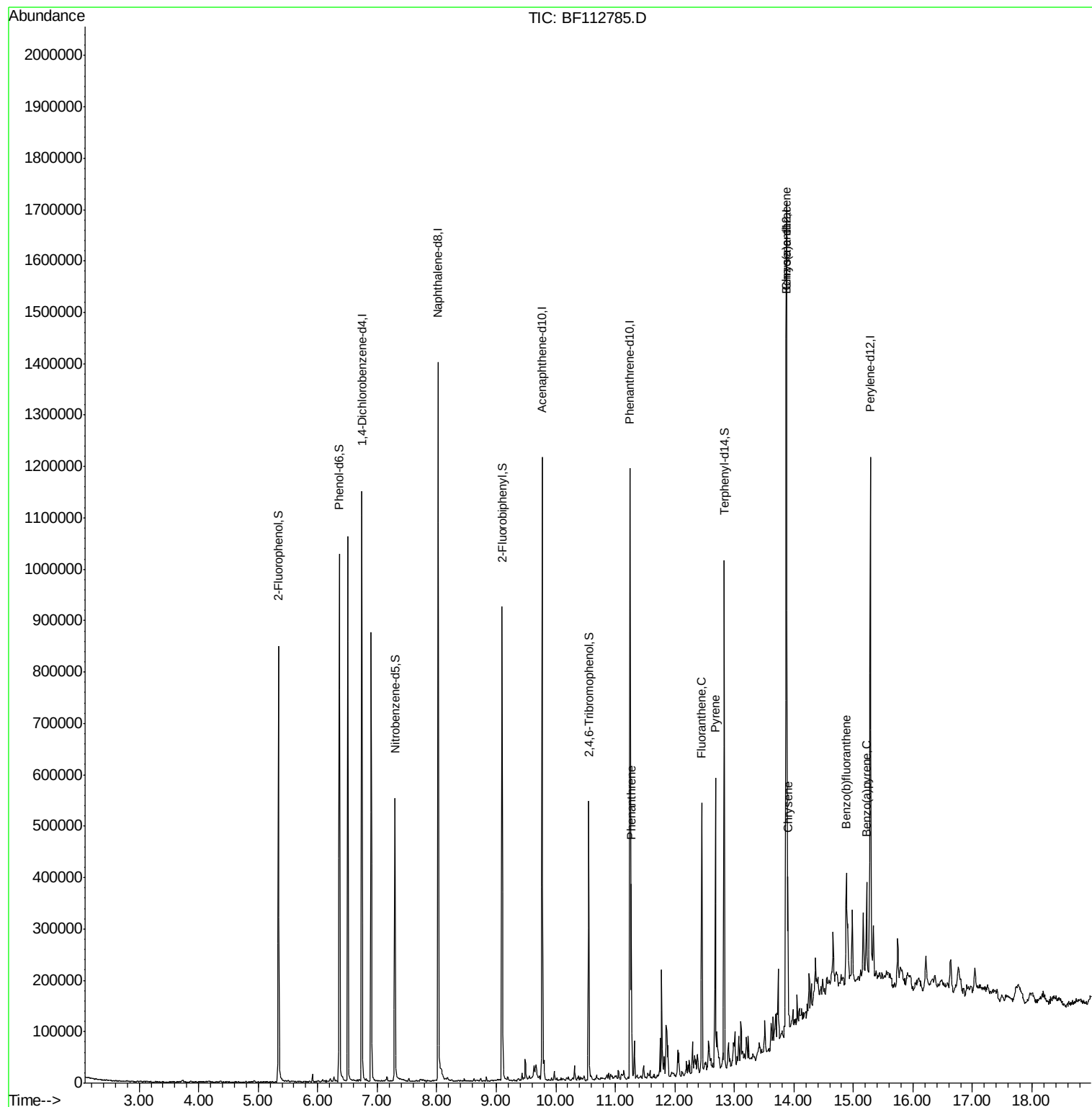
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112785.D
Acq On : 1 Mar 2019 2:16
Operator : JU/SJ
Sample : K1650-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

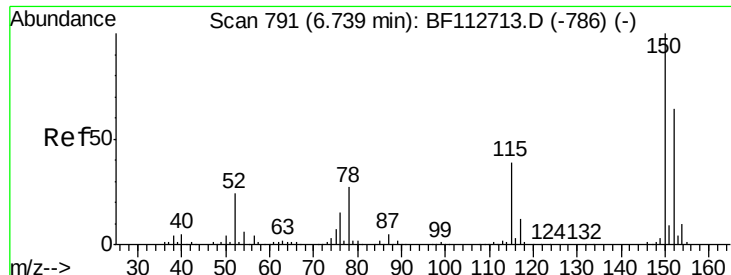
Instrument :
BNA_F
ClientSampleId :
B-3(2.5-3.5)

Manual Integrations
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Quant Time: Mar 01 08:31:44 2019
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

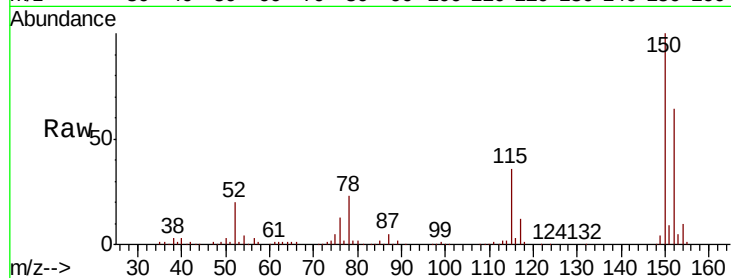
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampled :
B-3(2.5-3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	56.2	48.2	72.4

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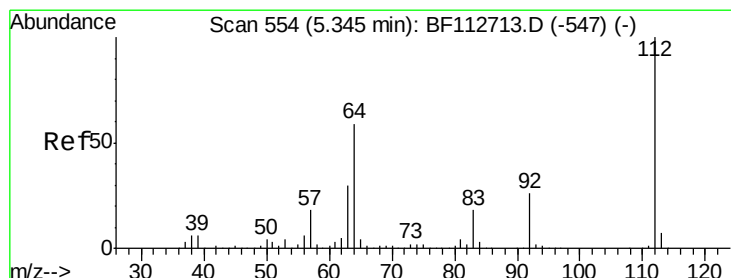
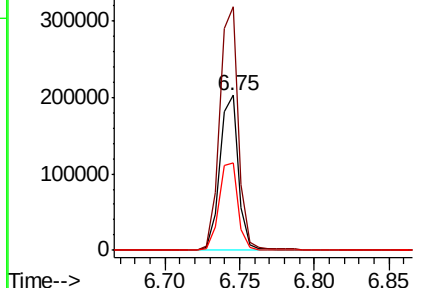
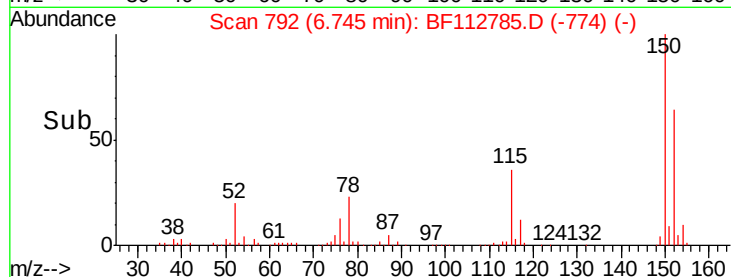


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

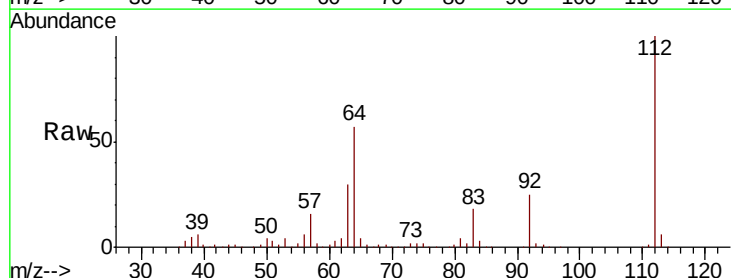
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.802 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.6	71.4
63	29.6	24.4	36.6

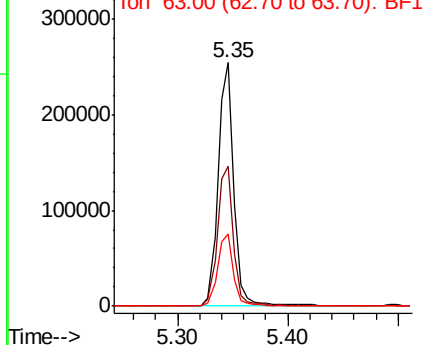
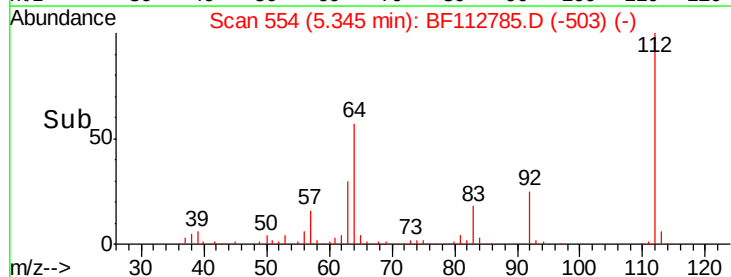


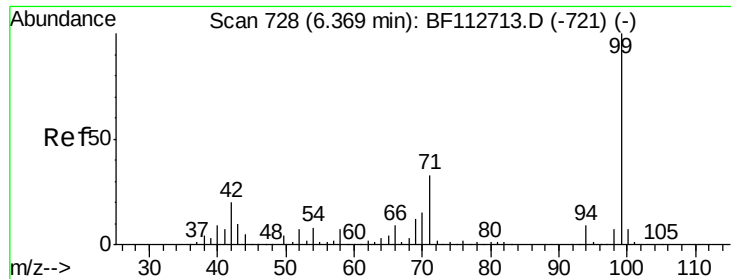
Abundance

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: 22.951 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Instrument :

BNA_F

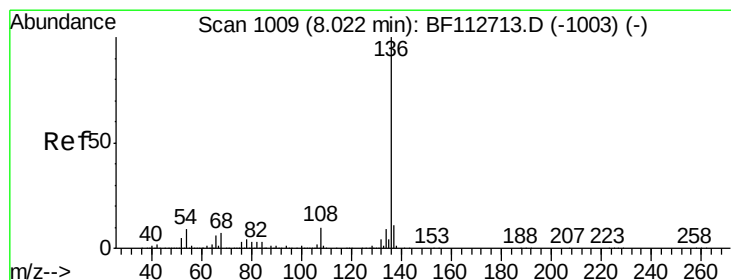
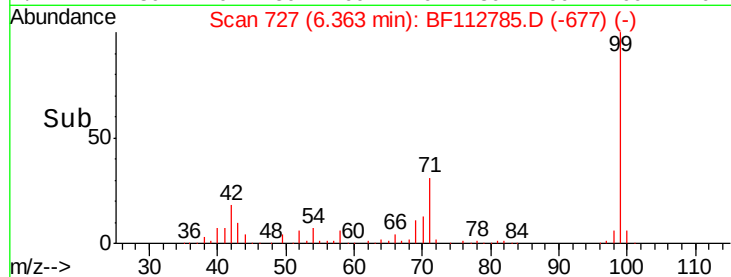
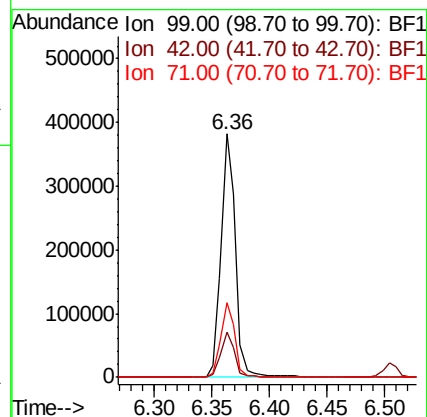
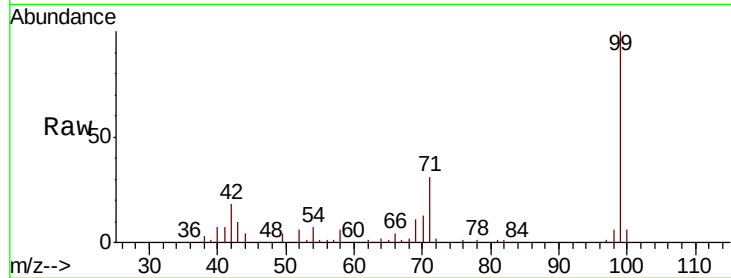
ClientSampled :

B-3(2.5-3.5)

Tot Ion:	99	Resp:	331574
Ion Ratio	Lower	Upper	
99	100		
42	18.4	16.3	24.5
71	30.9	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

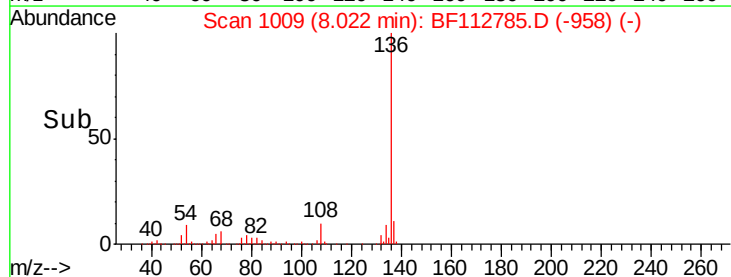
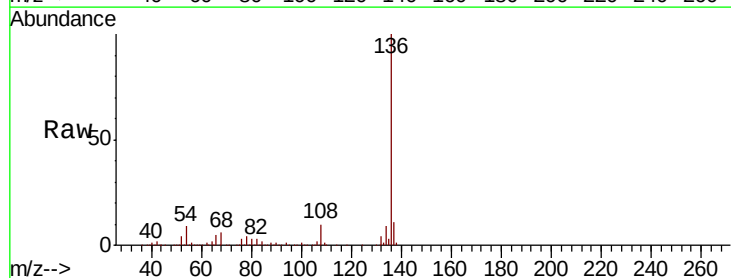
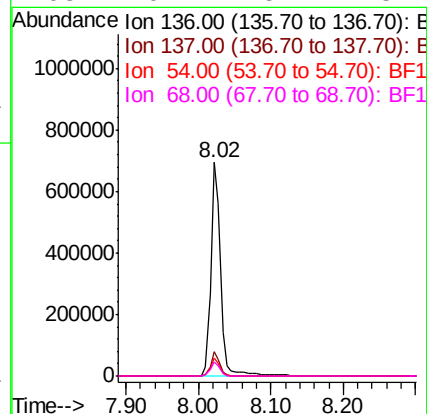
RT: 8.02 min Scan# 1009

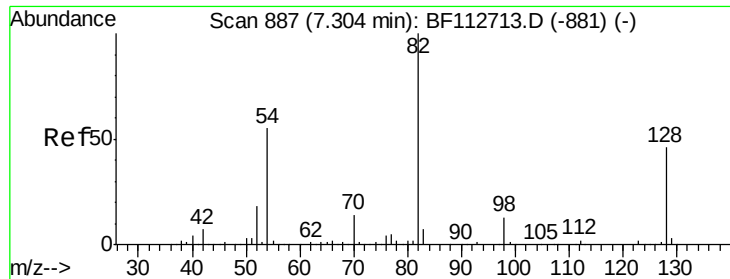
Delta R.T. -0.00 min

Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Tgt Ion:	136	Resp:	653144
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.6	7.3	10.9
68	6.4	5.4	8.2





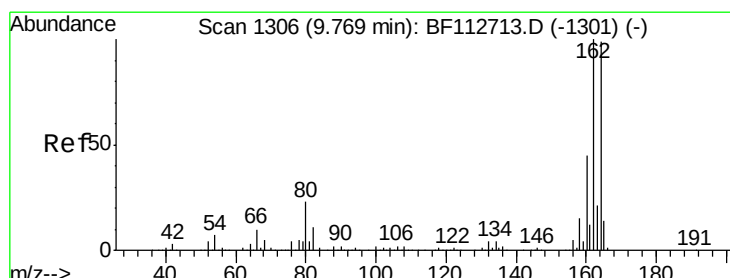
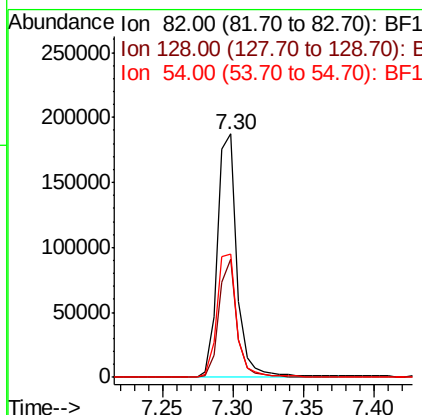
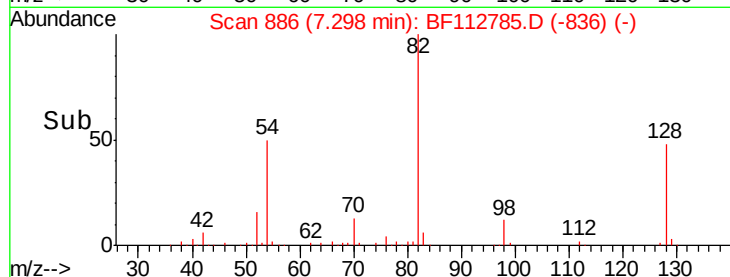
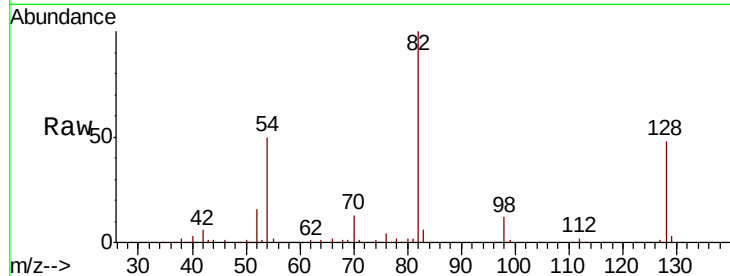
#23
Nitrobenzene-d5
Concen: 16.639 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampled :
B-3(2.5-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	181617		
128	48.5	36.3	54.5	
54	50.4	43.7	65.5	

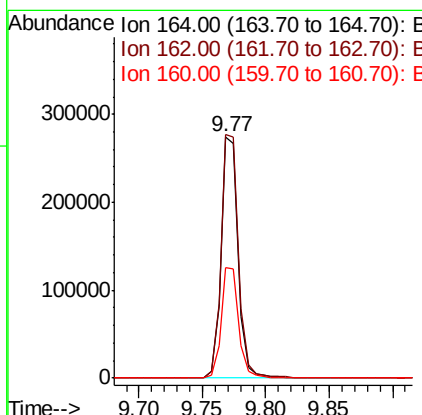
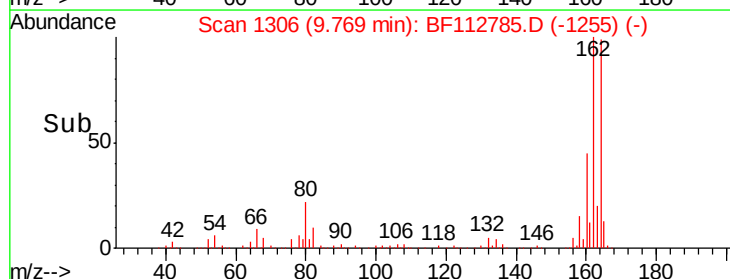
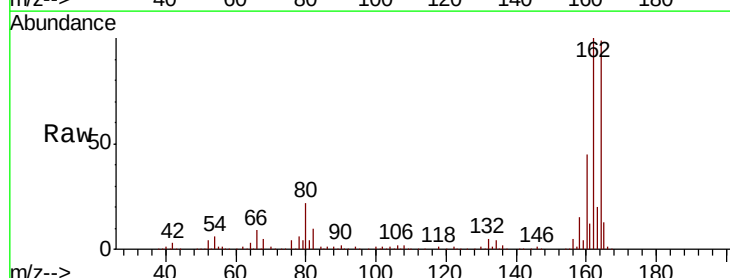
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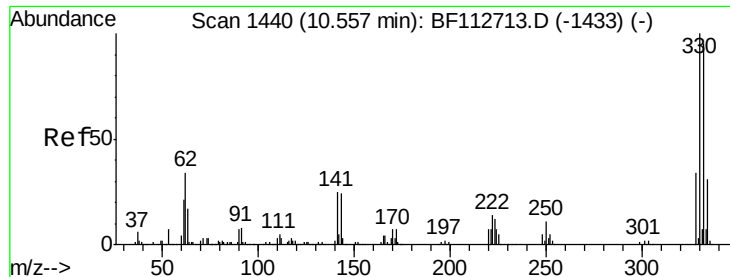
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257318		
162	101.0	80.6	120.8	
160	45.8	36.0	54.0	





#42

2,4,6-Tribromophenol

Concen: 24.083 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Instrument :

BNA_F

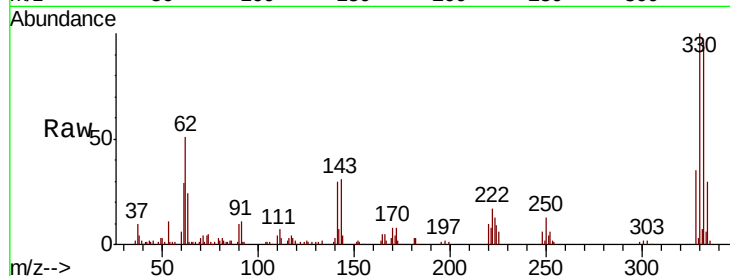
ClientSampleId :

B-3(2.5-3.5)

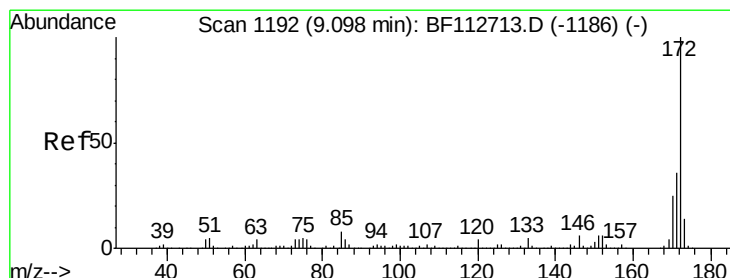
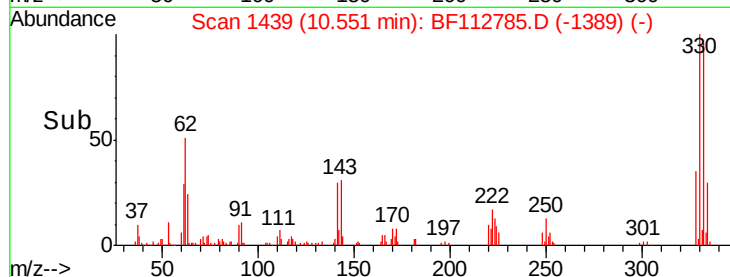
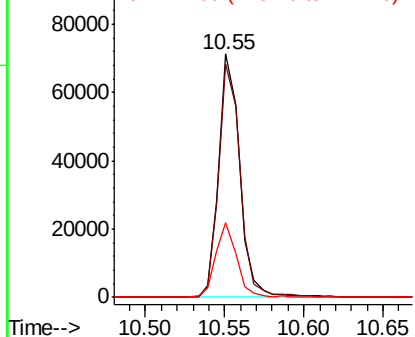
Tot Ion:	330	Resp:	65789
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.2	114.4
141	30.0	27.0	40.6

Manual Integrations
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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: 8.216 ng

RT: 9.10 min Scan# 1192

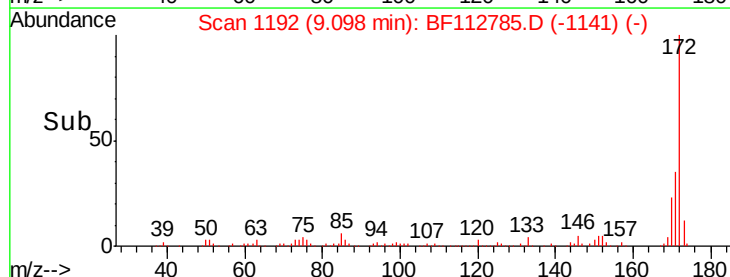
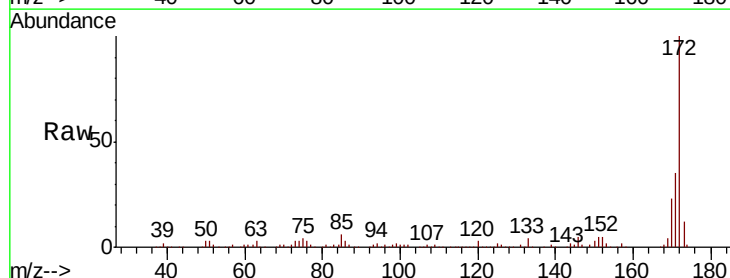
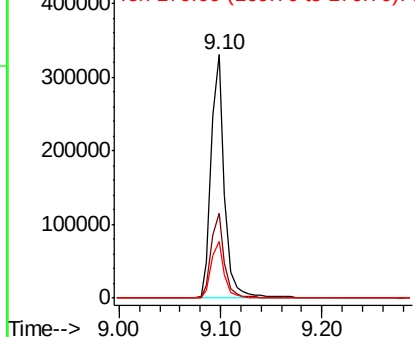
Delta R.T. 0.00 min

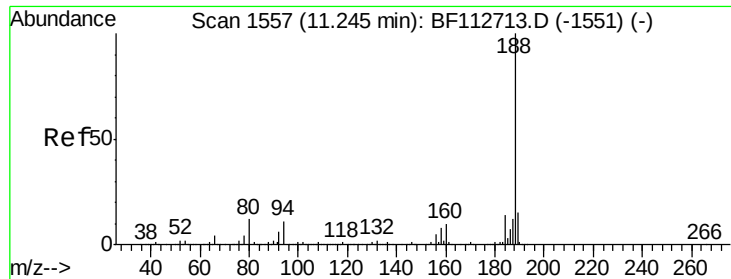
Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Tgt Ion:	172	Resp:	301777
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.0	43.4
170	23.4	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





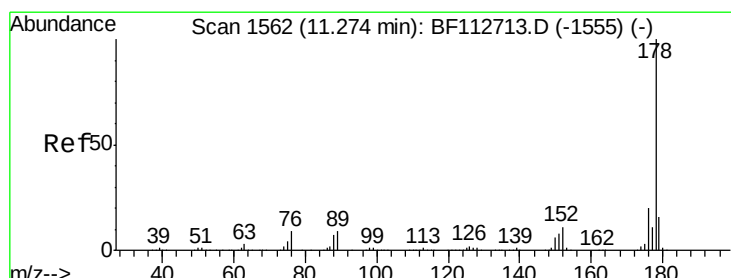
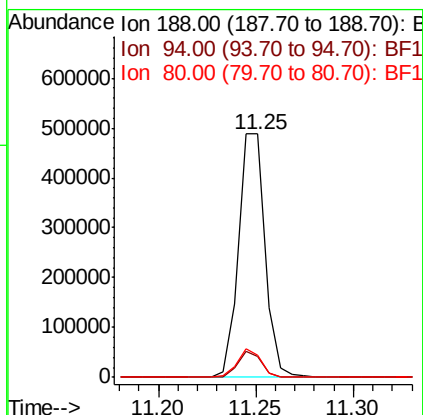
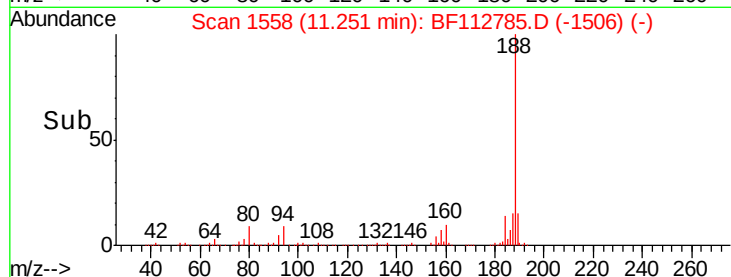
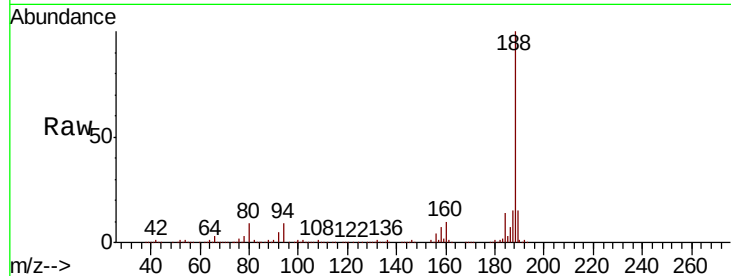
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampleId :
B-3(2.5-3.5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.1	9.2	13.8#

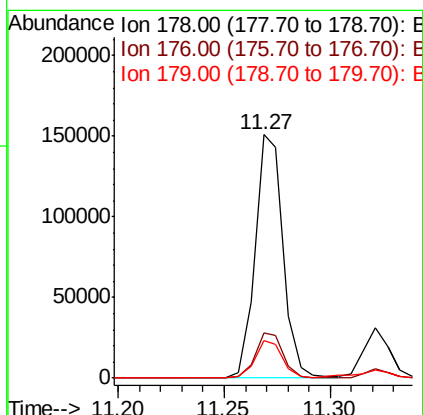
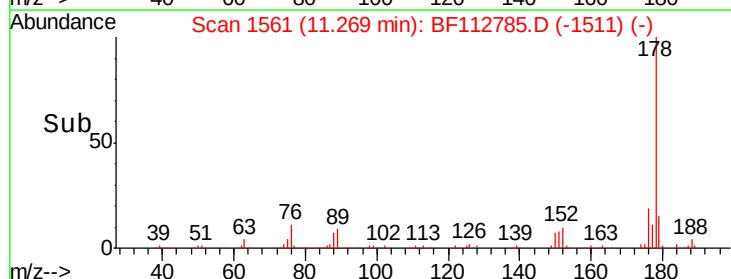
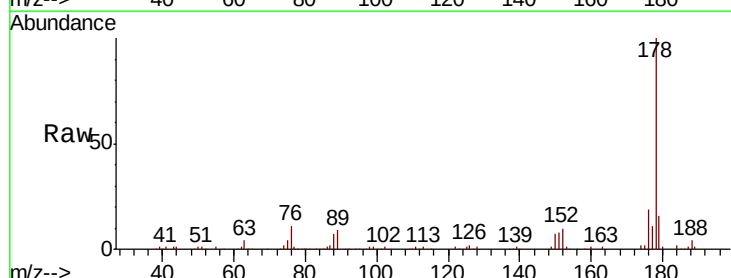
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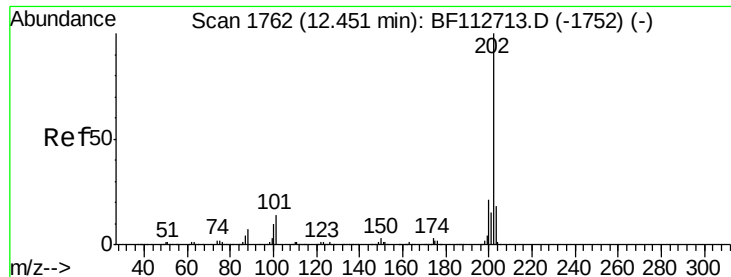
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#71
Phenanthrene
Concen: 6.084 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	16.3	24.5
179	15.6	12.7	19.1





#75

Fluoranthene

Concen: 8.571 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Instrument :

BNA_F

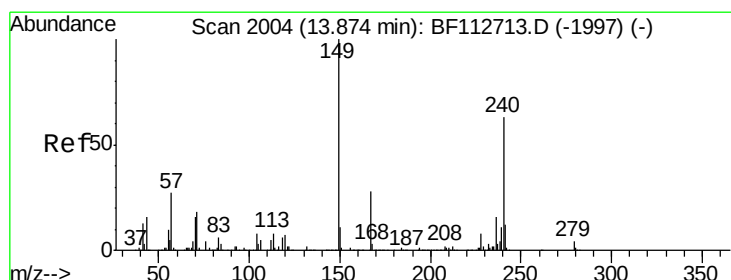
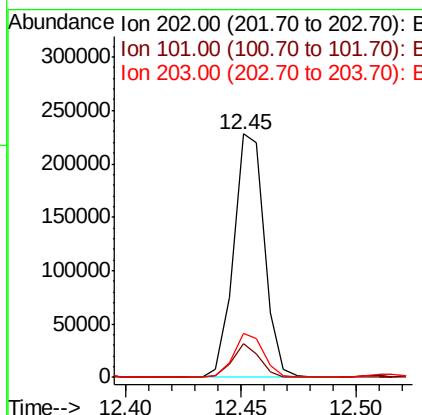
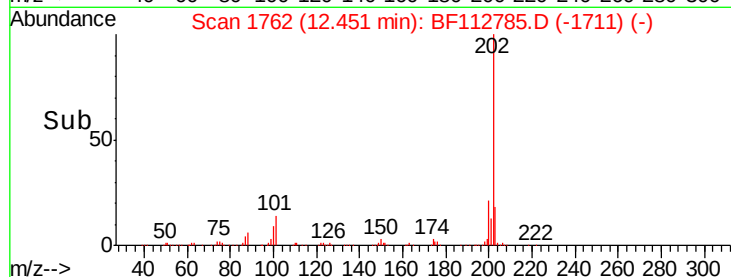
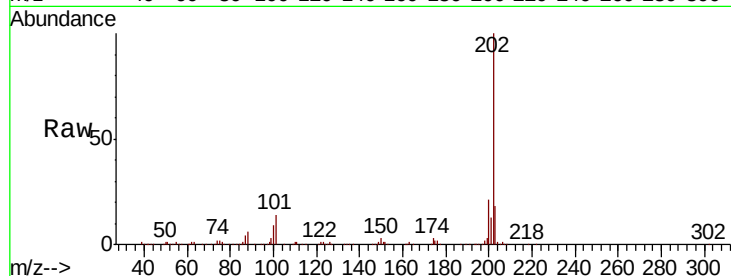
ClientSampleId :

B-3(2.5-3.5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.6	0.0	33.8		
203	17.9	0.0	38.4		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

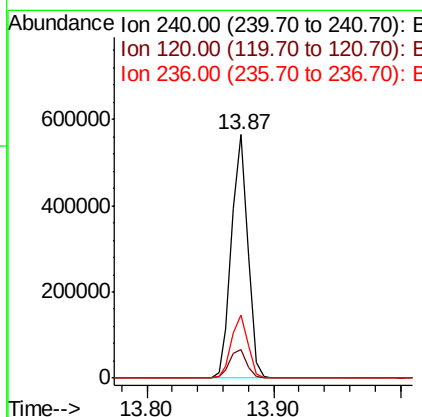
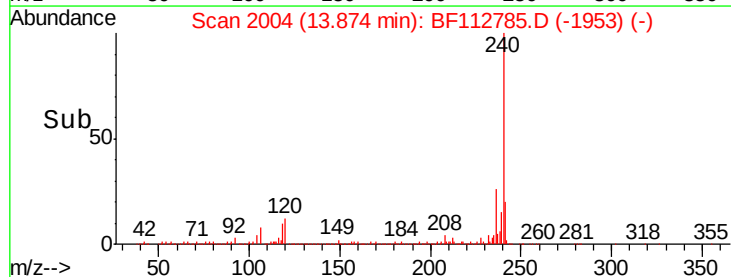
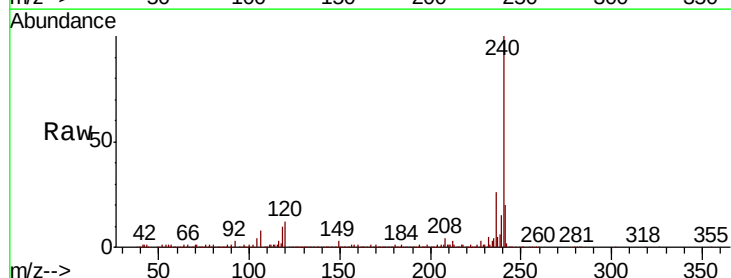
RT: 13.87 min Scan# 2004

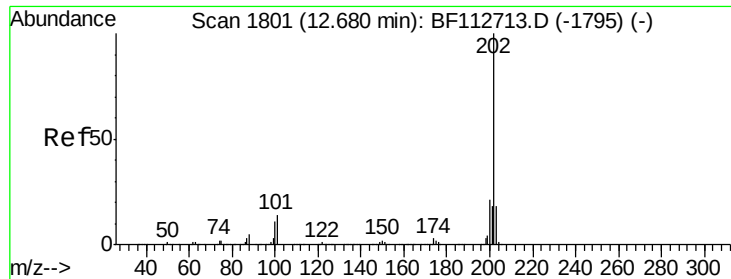
Delta R.T. -0.00 min

Lab File: BF112785.D

Acq: 1 Mar 2019 2:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.5	8.9	13.3		
236	26.2	20.7	31.1		





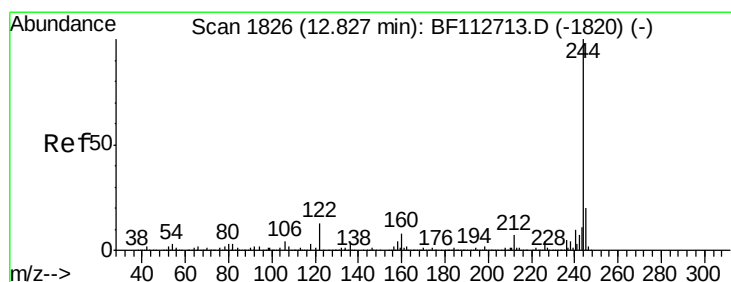
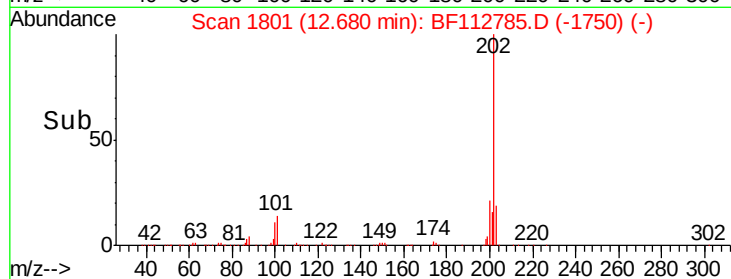
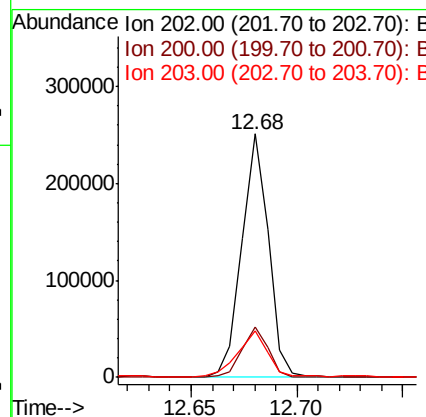
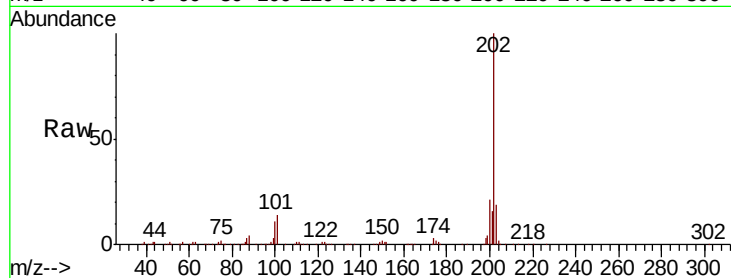
#78
Pvrene
Concen: 5.222 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampleId :
B-3(2.5-3.5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.0	25.4
203	18.9	14.4	21.6

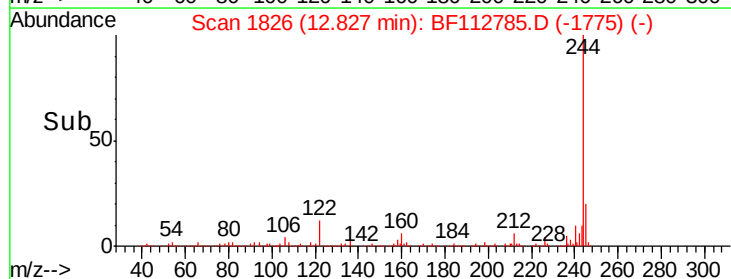
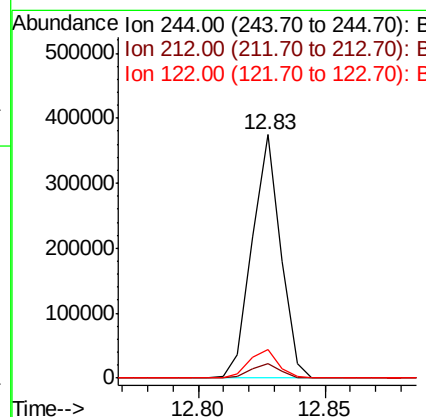
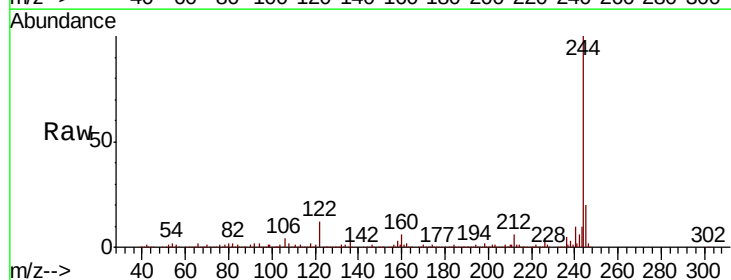
Manual Integrations
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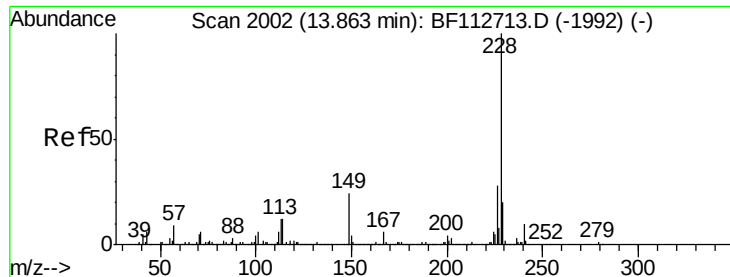
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#79
Terphenyl-d14
Concen: 11.429 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.6	8.4
122	11.5	10.5	15.7





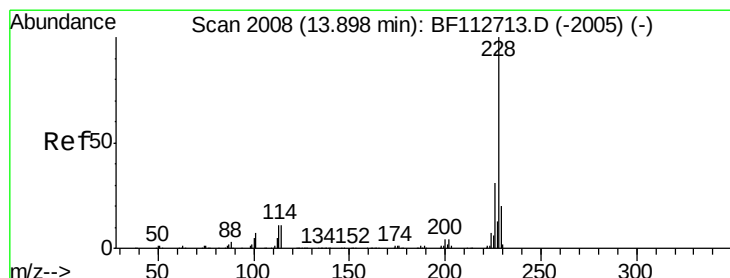
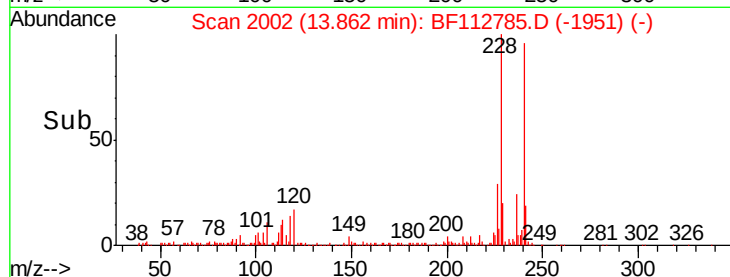
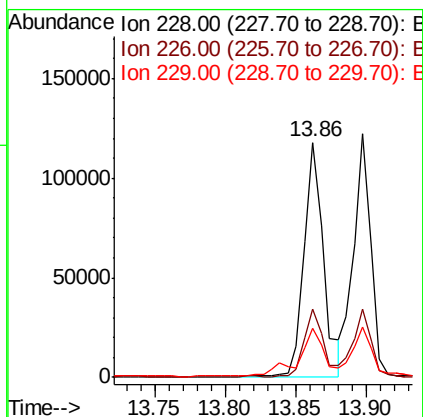
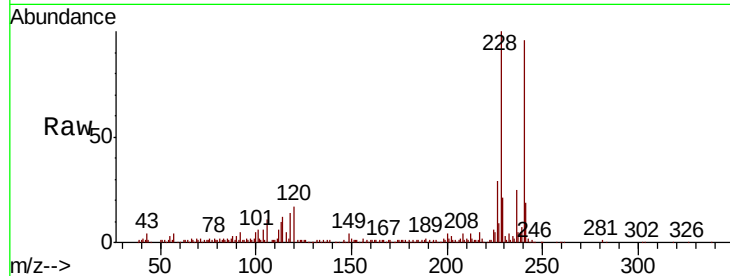
#81
Benzo(a)anthracene
Concen: 3.332 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampleId :
B-3(2.5-3.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.4
229	20.7	16.0	24.0

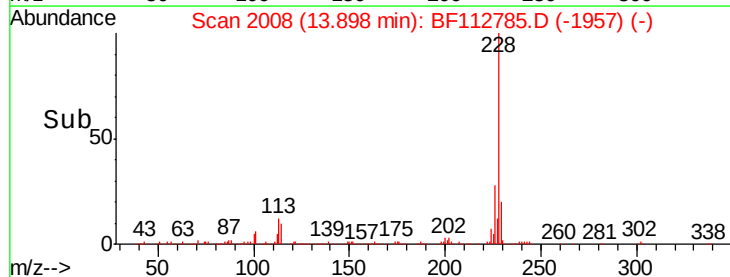
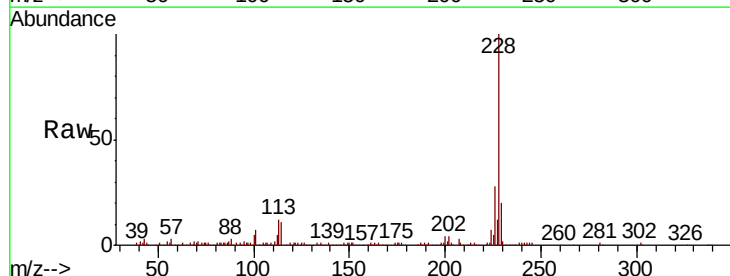
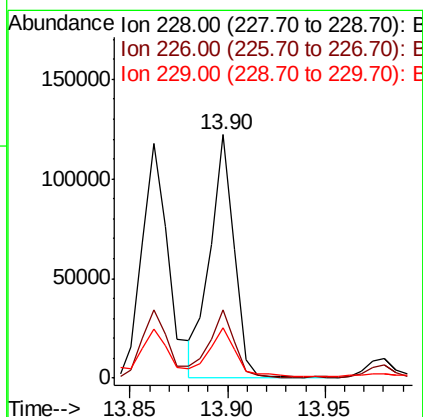
Manual Integrations
APPROVED

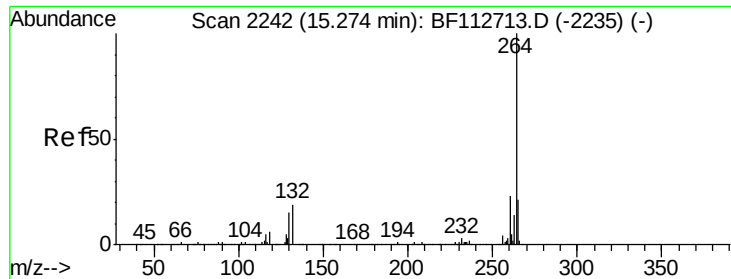
Sohil
3/1/2019 3:00:37 PM



#83
Chrysene
Concen: 3.120 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	20.4	16.3	24.5





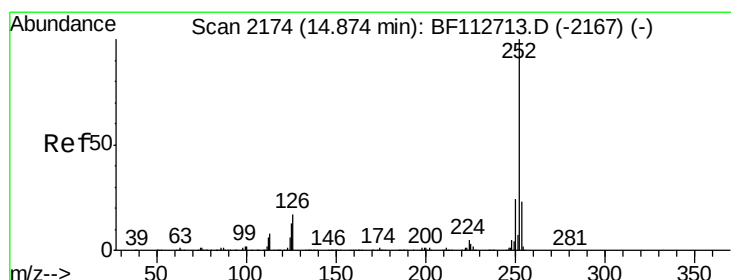
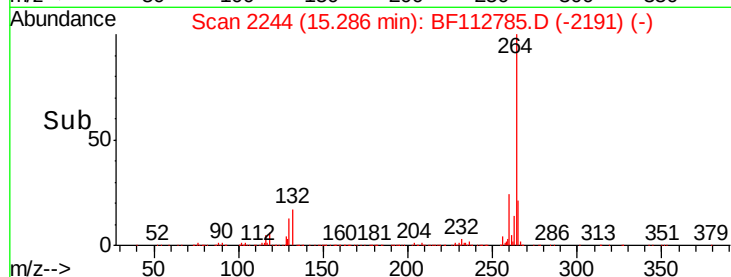
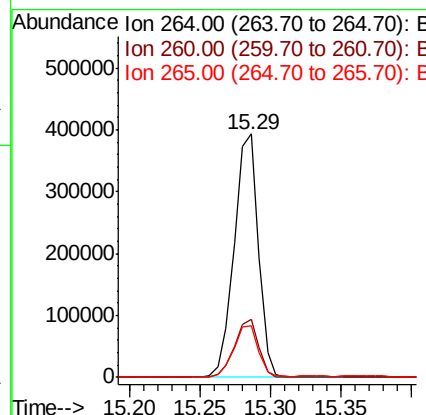
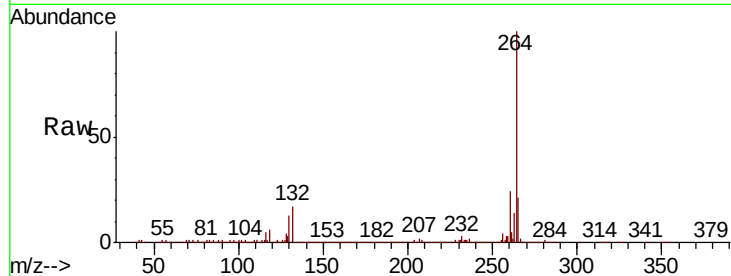
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Instrument :
BNA_F
ClientSampled :
B-3(2.5-3.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.2	17.2	25.8

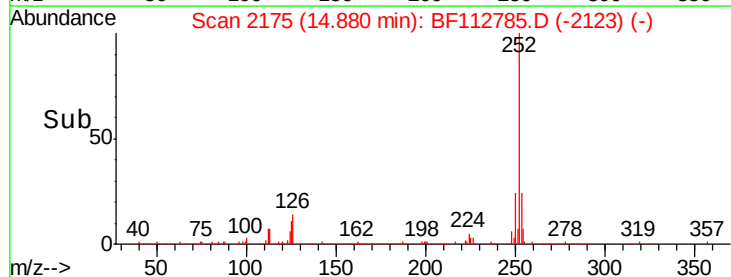
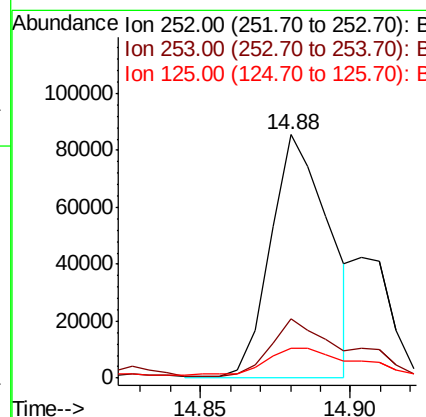
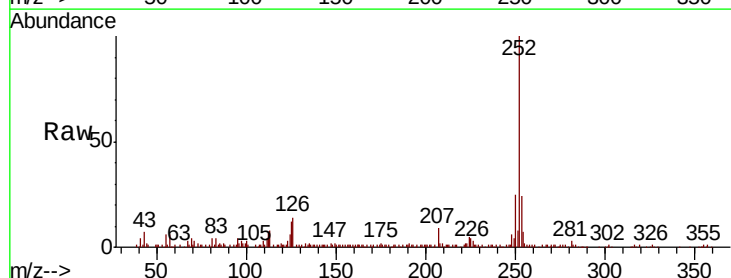
Manual Integrations
APPROVED

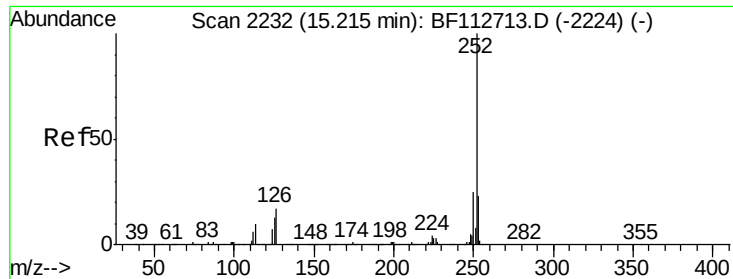
Sohil
3/1/2019 3:00:37 PM



#88
Benzo(b)fluoranthene
Concen: 3.845 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112785.D
Acq: 1 Mar 2019 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.3	10.2	15.2





#90
 Benzo(a)pyrene
 Concen: 3.090 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.01 min
 Lab File: BF112785.D
 Acq: 1 Mar 2019 2:16

Instrument :
 BNA_F
 ClientSampleId :
 B-3(2.5-3.5)

Tot Ion:	252	Resp:	82954
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	13.3	10.7	16.1

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:37 PM

