Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109185.D
Acq On : 20 Sep 2018 16:52
Operator : JU/SJ
Sample : J4778-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-01-091918

Manual Integrations APPROVED
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9/21/2018 10:37:50 AM

Quant Time: Sep 20 17:34:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115448	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	479335	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	209500	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	305979	20.00	ng		0.00
75) Chrysene-d12	13.85	240	234648	20.00	ng		-0.01
86) Perylene-d12	15.25	264	287157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	214597	30.87	ng		0.00
7) Phenol-d6	6.35	99	331013	36.93	ng		-0.01
23) Nitrobenzene-d5	7.27	82	208117	24.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	66640	29.31	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	367583	27.49	ng		-0.01
78) Terphenyl-d14	12.81	244	227831	23.01	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.47	163	116565	7.785	ng	#	98
74) Fluoranthene	12.43	202	56551	3.571	ng		98
77) Pyrene	12.65	202	48505	2.783	ng		97
80) Benzo(a)anthracene	13.84	228	31667	2.229	ng		97
82) Chrysene	13.87	228	30778	2.165	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	23239	2.045	ng	#	92
87) Benzo(b)fluoranthene	14.86	252	42205m	2.657	ng		
89) Benzo(a)pyrene	15.19	252	31559	2.237	ng		95

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

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Instrument :
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ClientSampleId :
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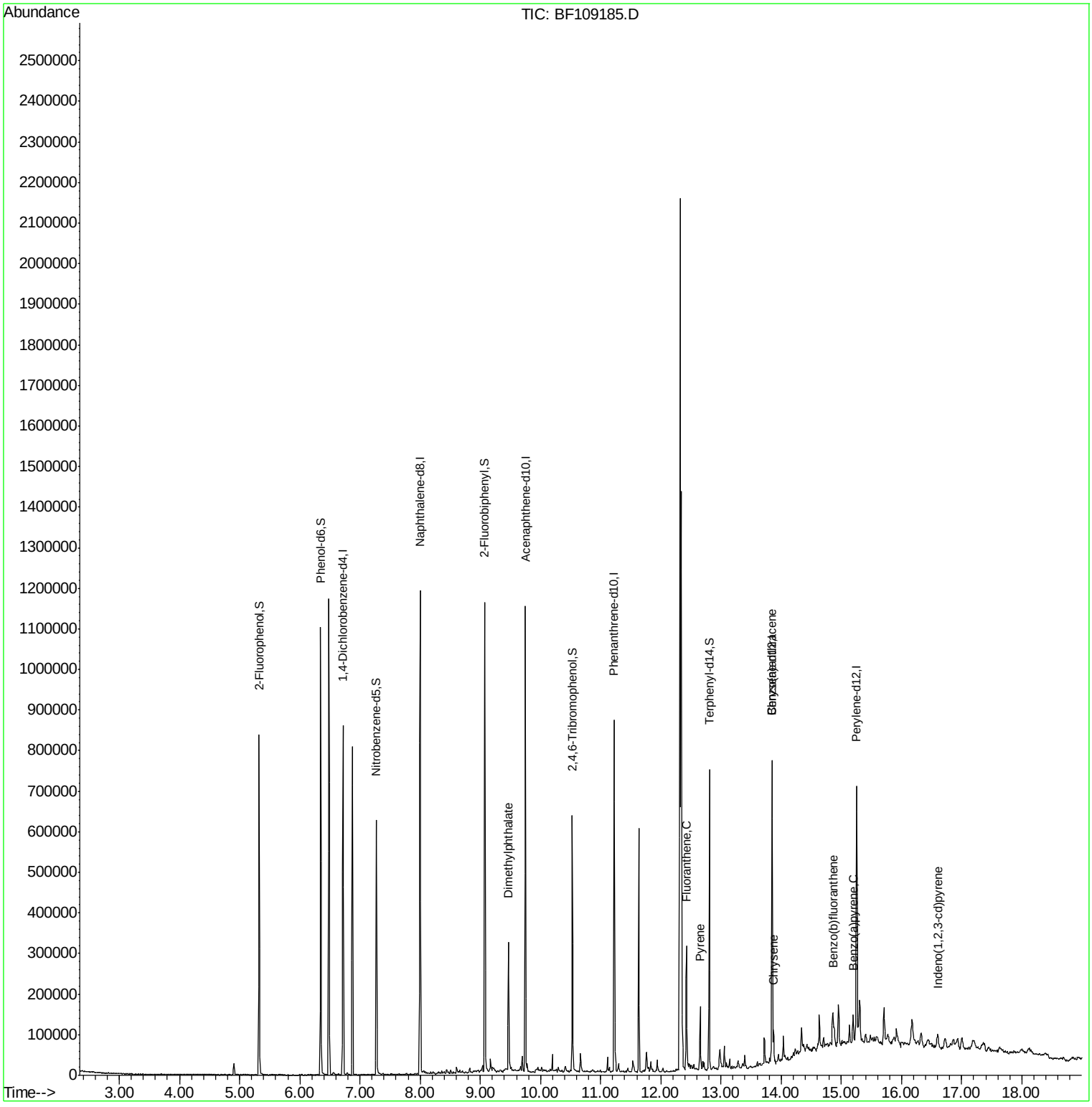
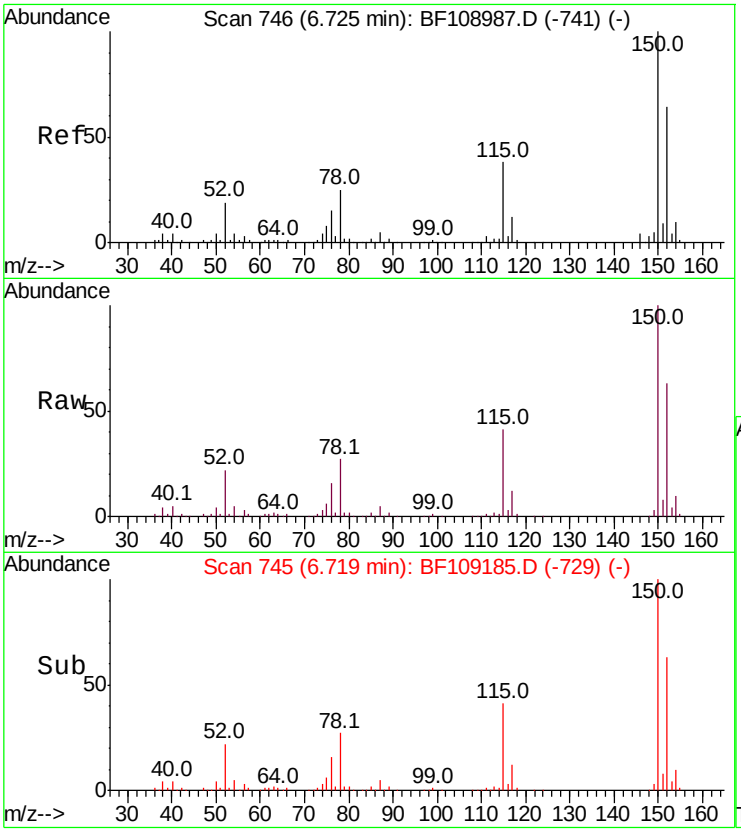
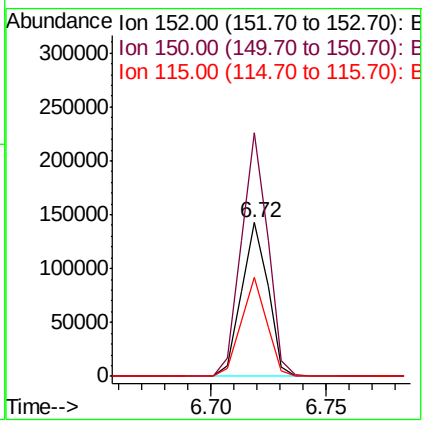




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:152 Resp: 115448

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.3	50.1	75.1



Instrument :
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ClientSampleId :
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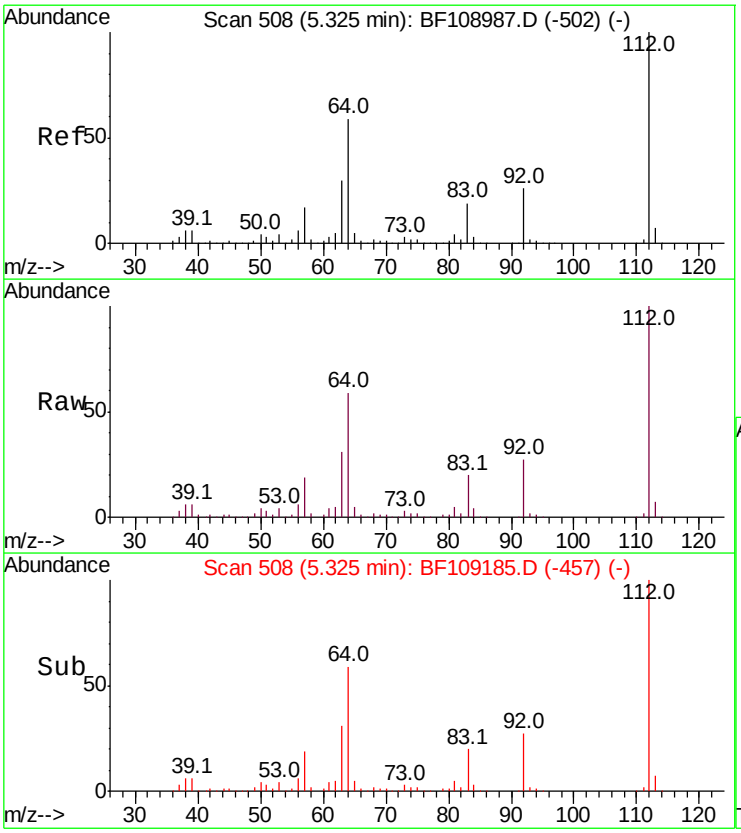
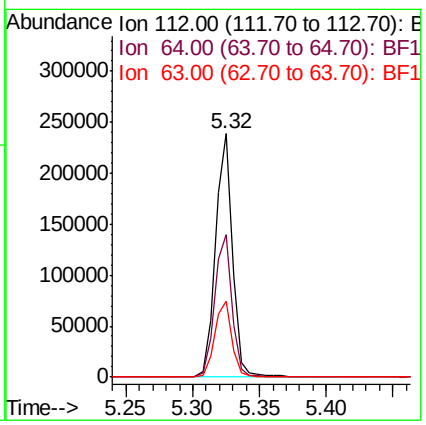
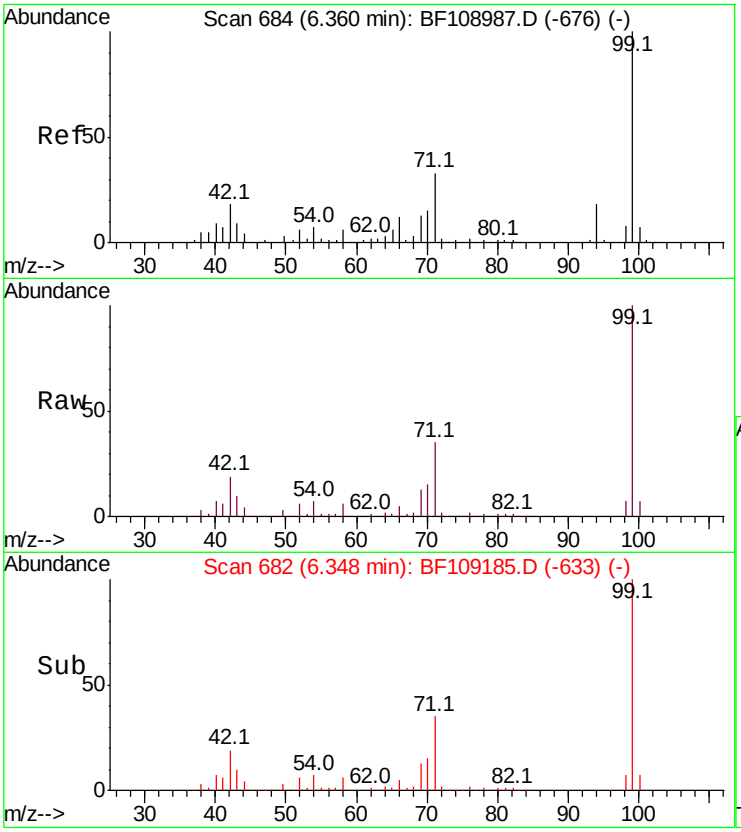


#5
2-Fluorophenol
Concen: 30.873 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:112 Resp: 214597

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	31.2	23.7	35.5

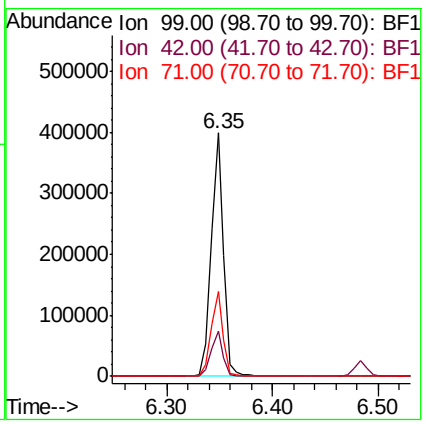




#7
Phenol-d6
Concen: 36.931 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion: 99 Resp: 331013

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	34.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SA-01-091918

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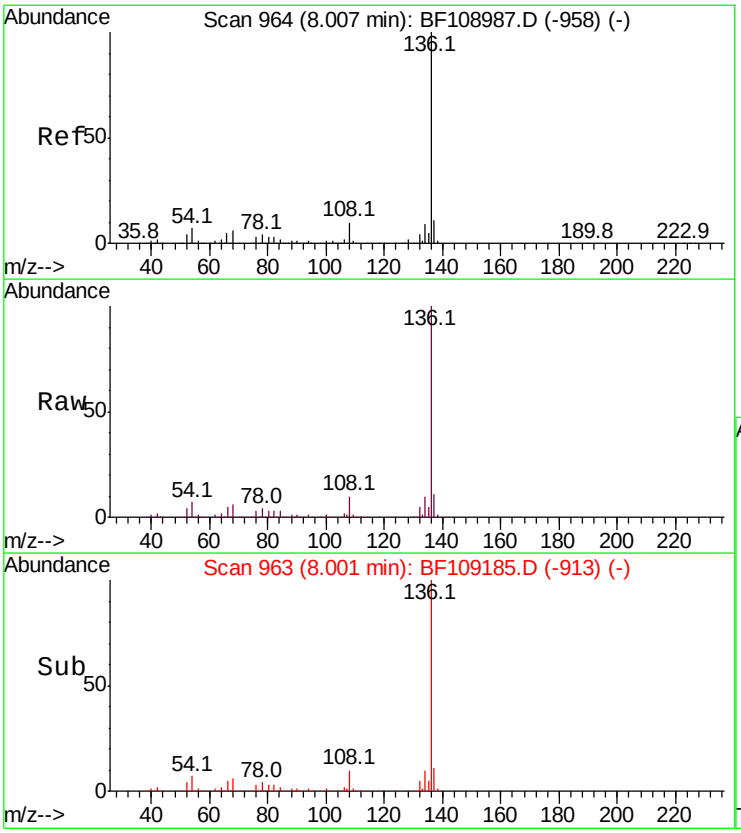
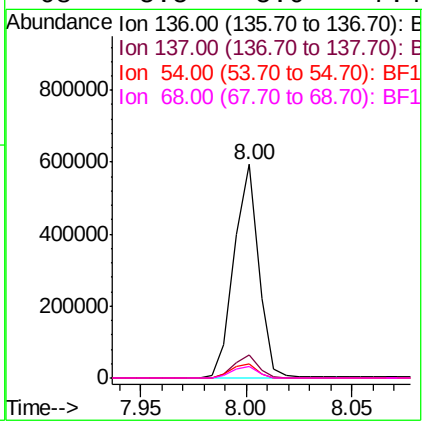
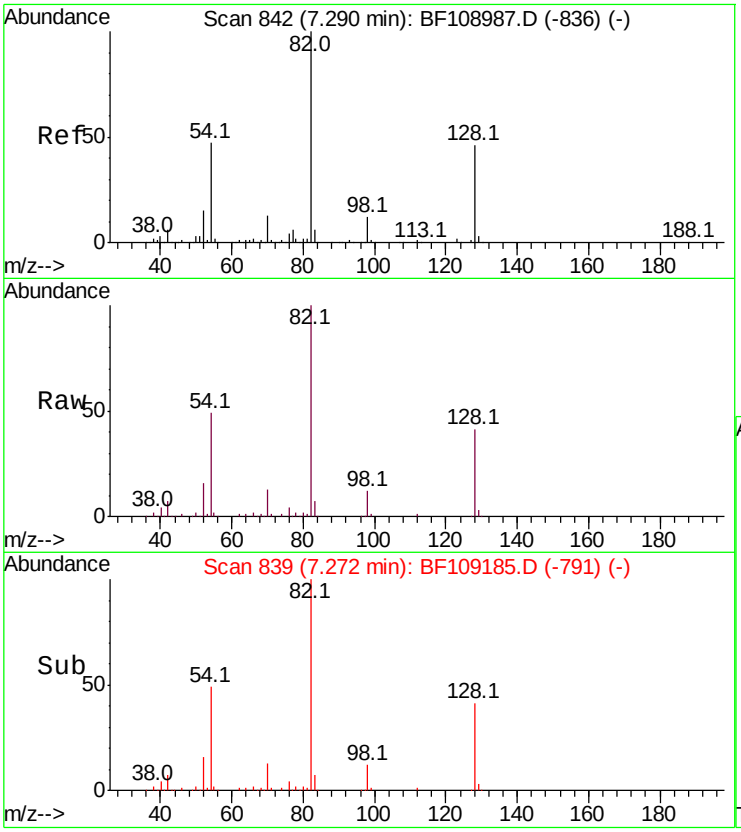


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:136 Resp: 479335

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4

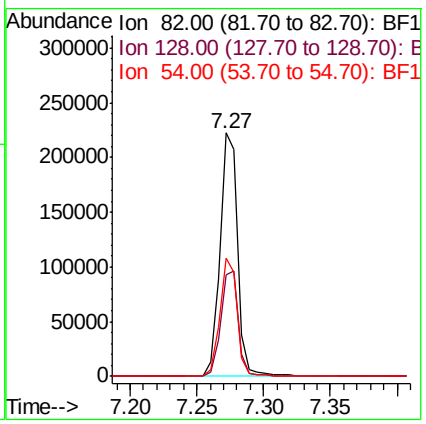




#23
Nitrobenzene-d5
Concen: 24.352 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion: 82 Resp: 208117

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	48.7	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
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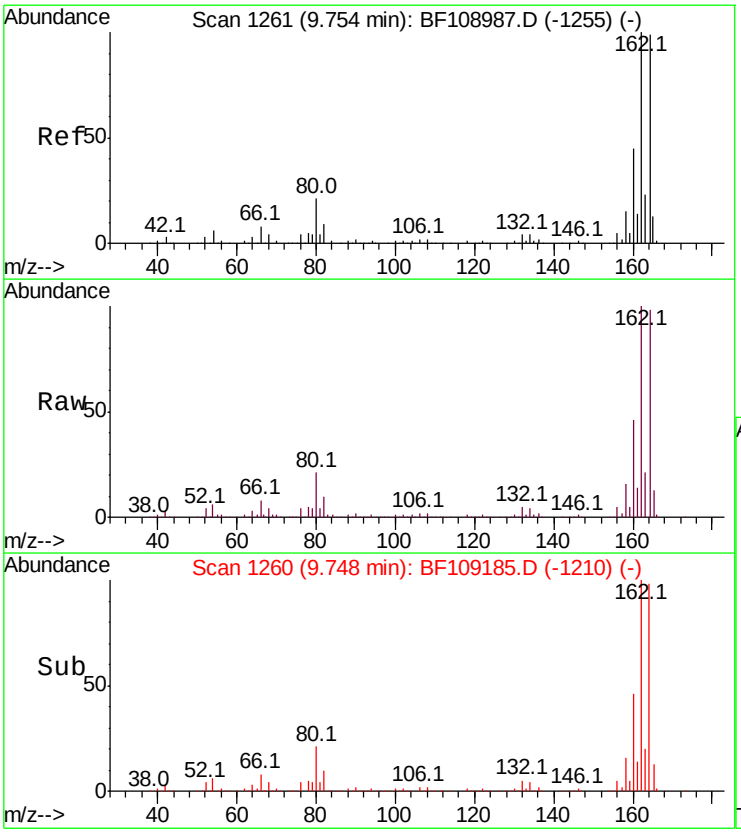
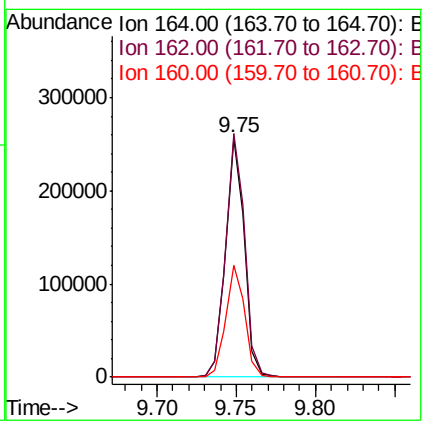
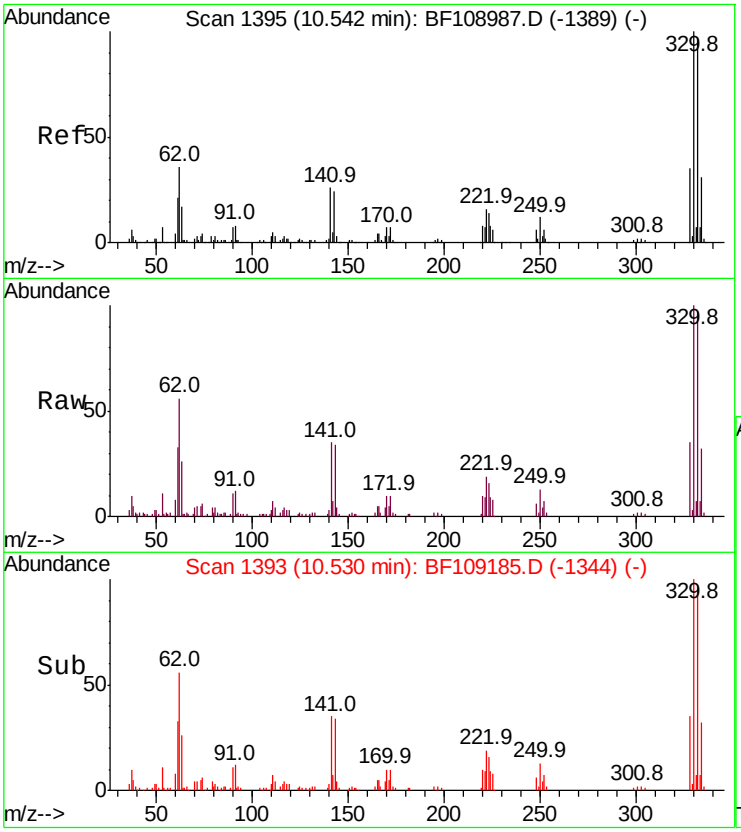


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:164 Resp: 209500

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.7	38.3	57.5

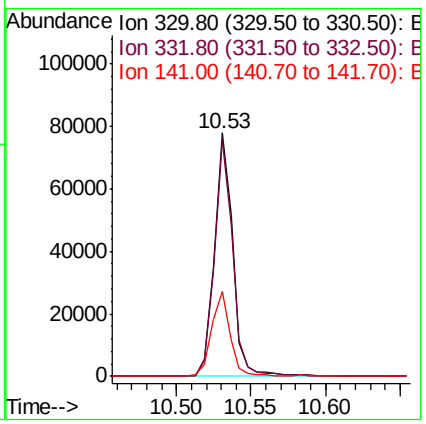




#41
2,4,6-Tribromophenol
Concen: 29.310 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:330 Resp: 66640

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.1	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
SA-01-091918

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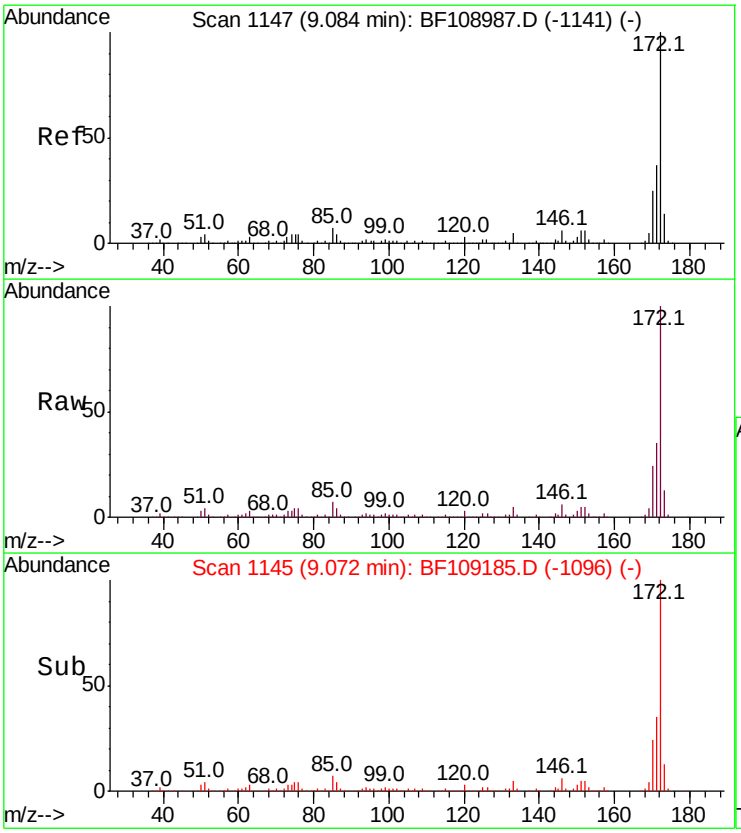
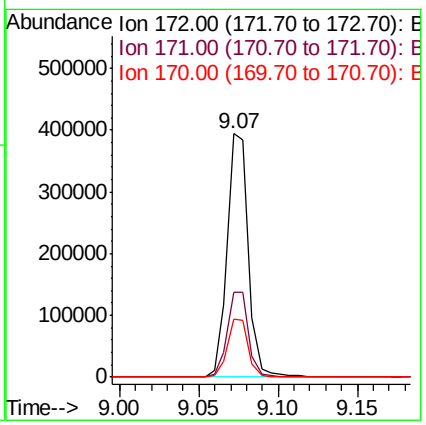
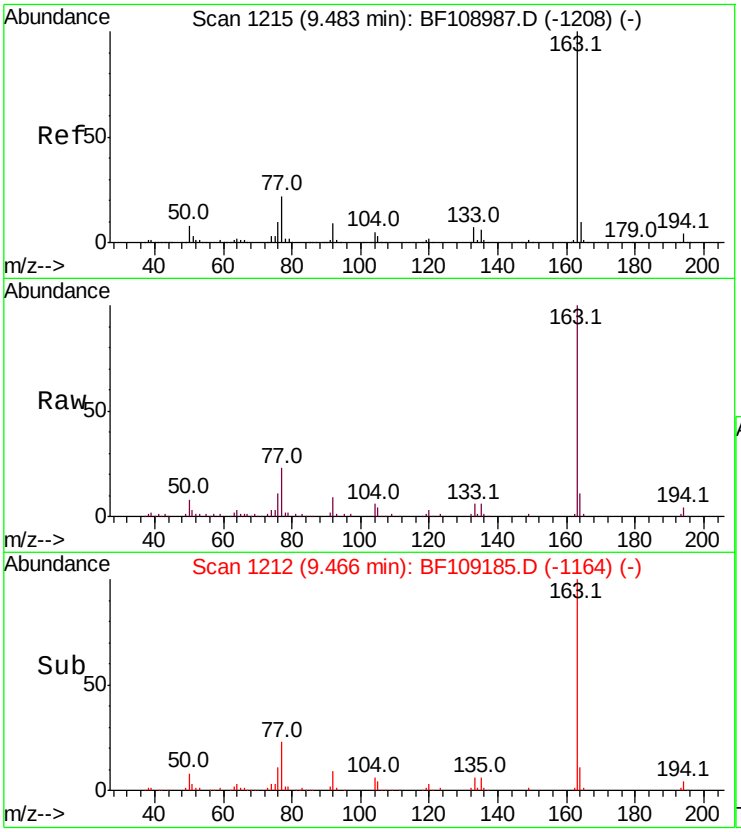


#44
2-Fluorobiphenyl
Concen: 27.489 ng
RT: 9.07 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:172 Resp: 367583

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.7	19.6	29.4

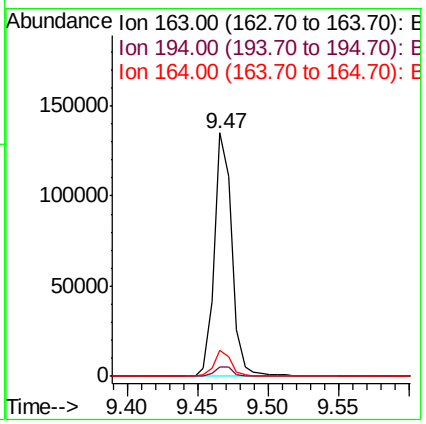




#49
Dimethylphthalate
Concen: 7.785 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:163 Resp: 116565

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.7	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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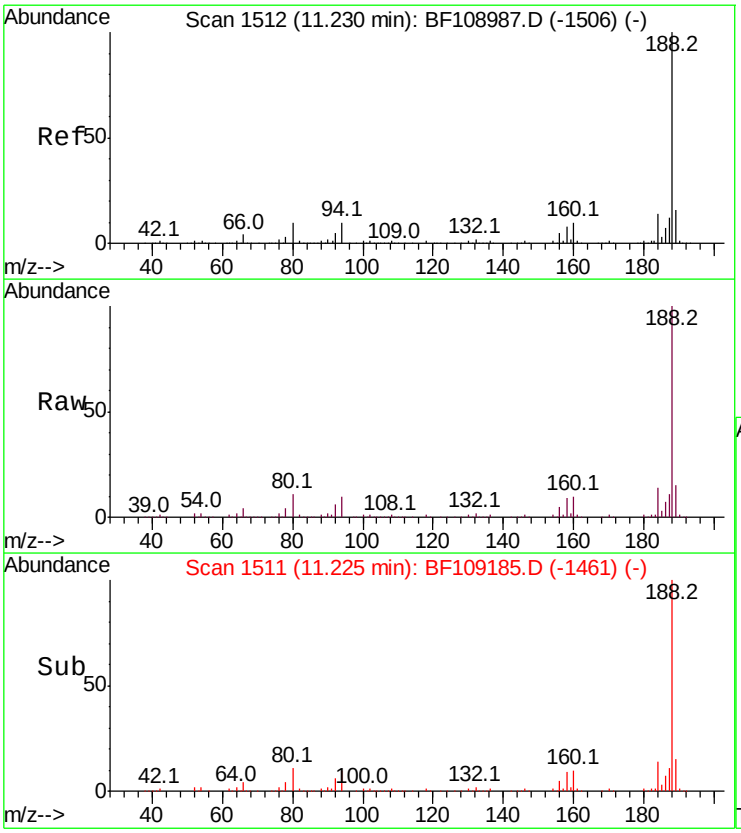
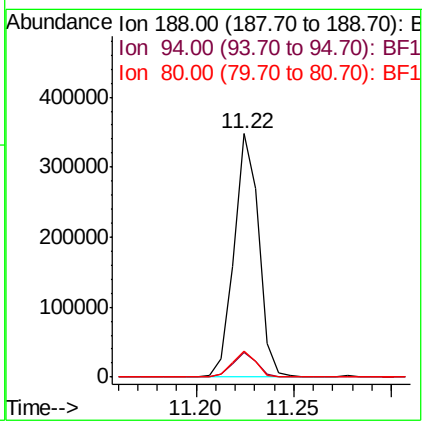
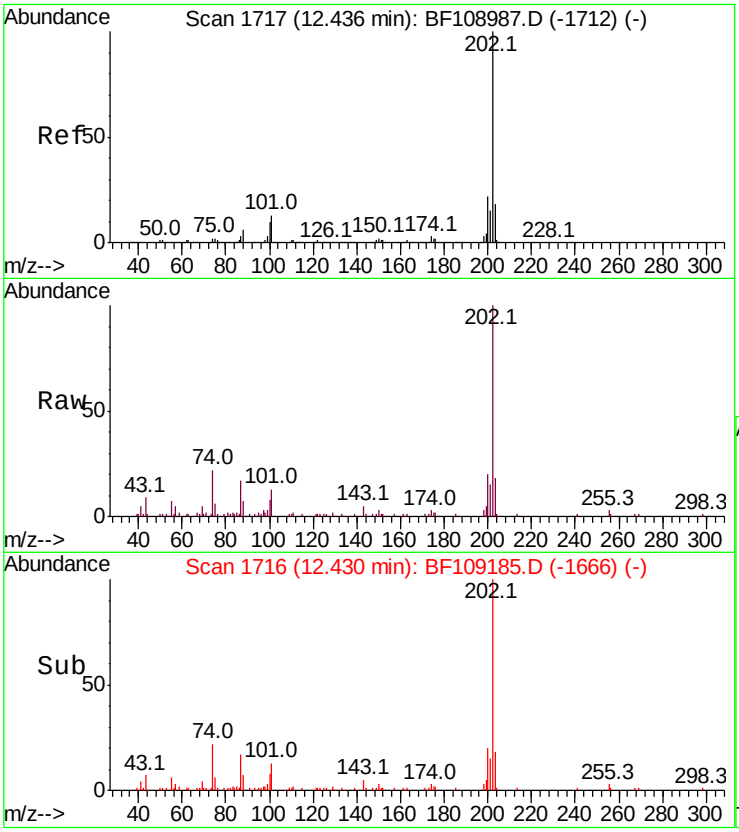


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:188 Resp: 305979

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

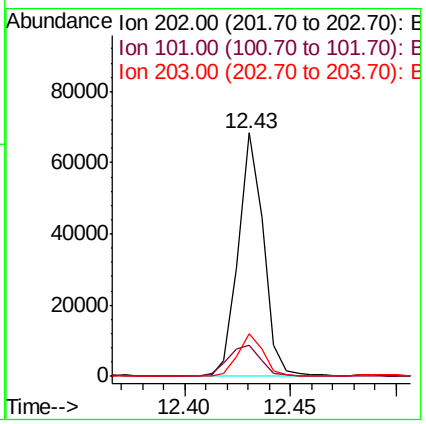




#74
Fluoranthene
Concen: 3.571 ng
RT: 12.43 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:202 Resp: 56551

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.5	0.0	38.1



Instrument :
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ClientSampleId :
SA-01-091918

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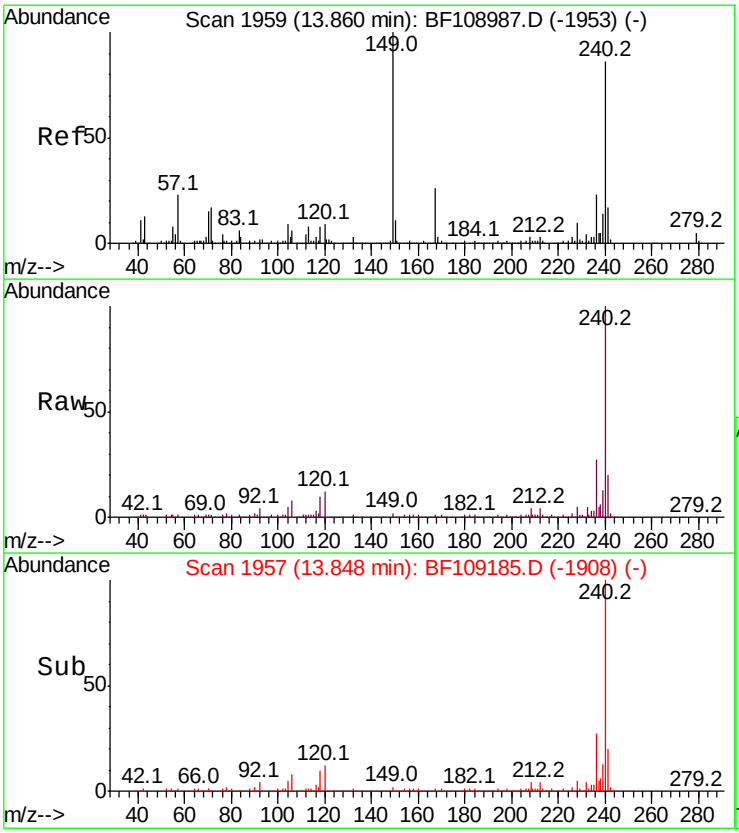
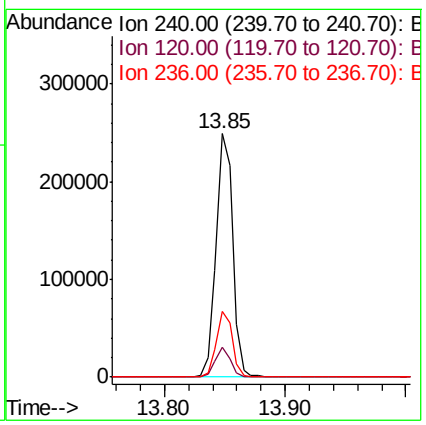
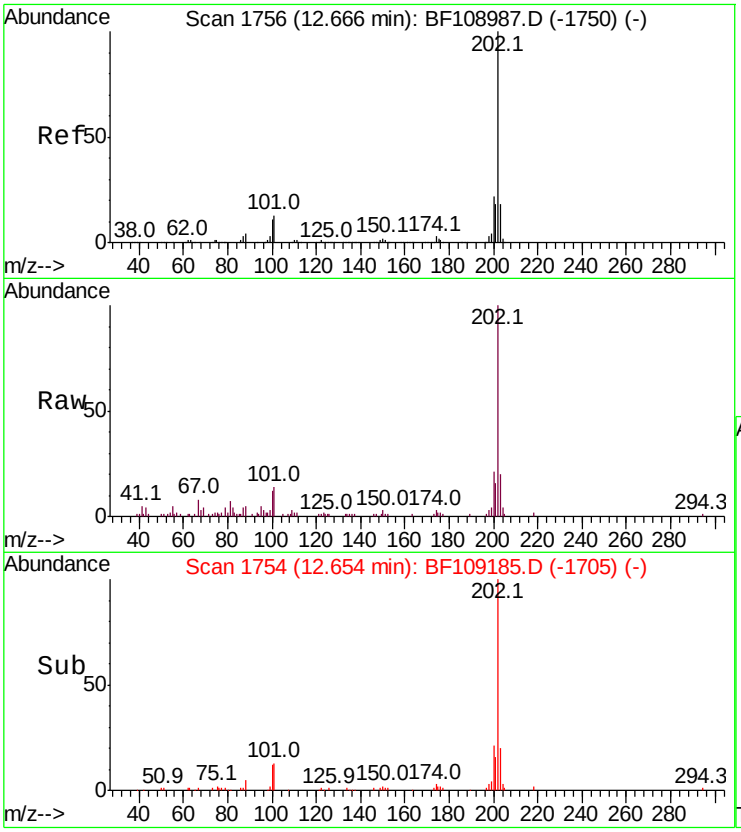


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:240 Resp: 234648

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.9	20.7	31.1

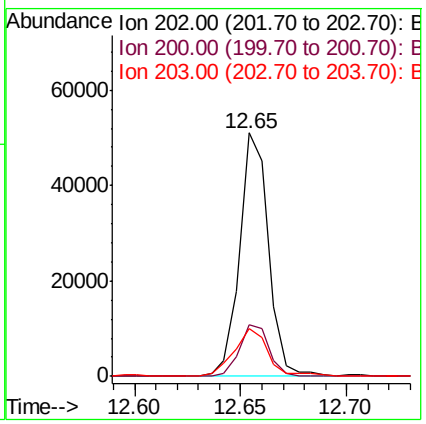




#77
Pyrene
Concen: 2.783 ng
RT: 12.65 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:202 Resp: 48505

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.6	14.3	21.5



Instrument :
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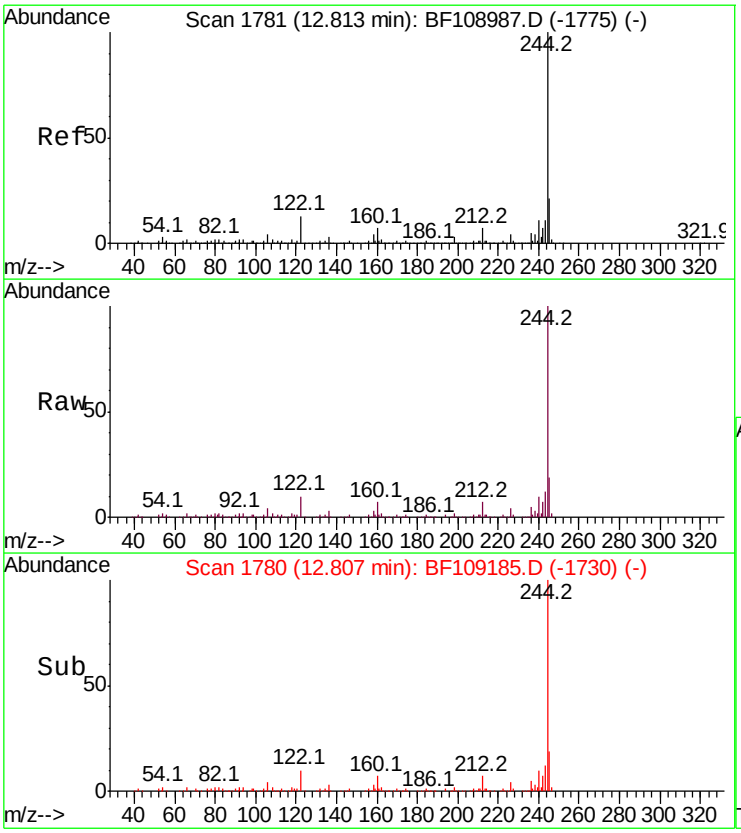
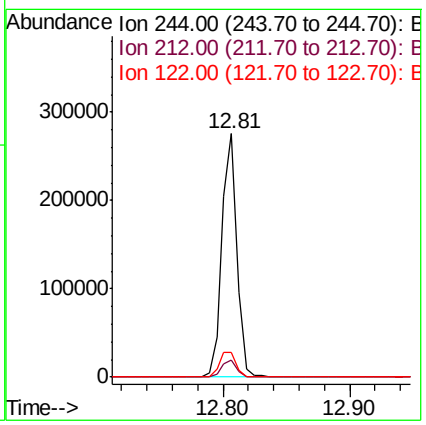
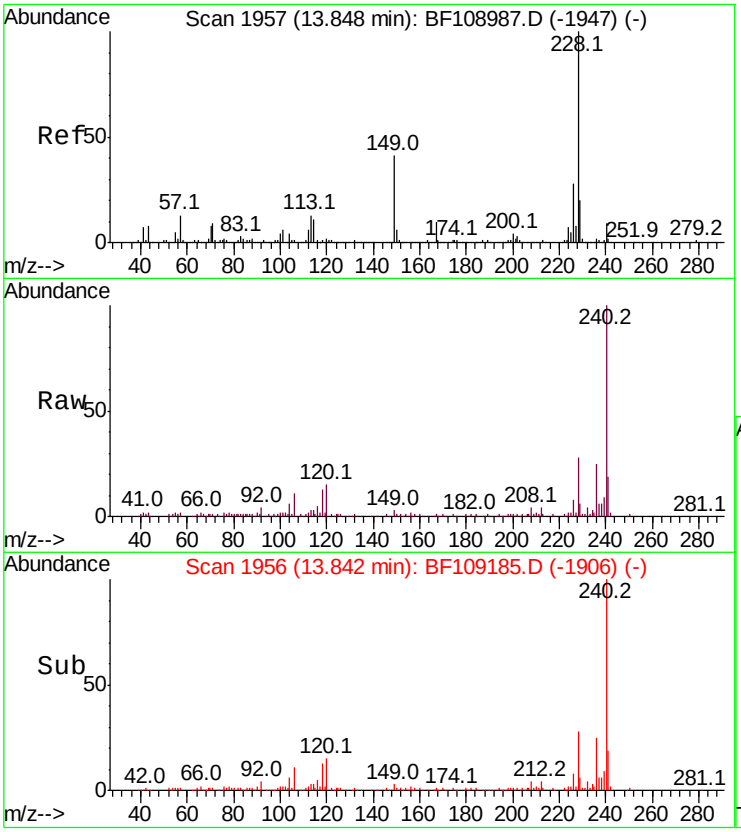


#78
Terphenyl-d14
Concen: 23.014 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:244 Resp: 227831

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	11.0	16.4#

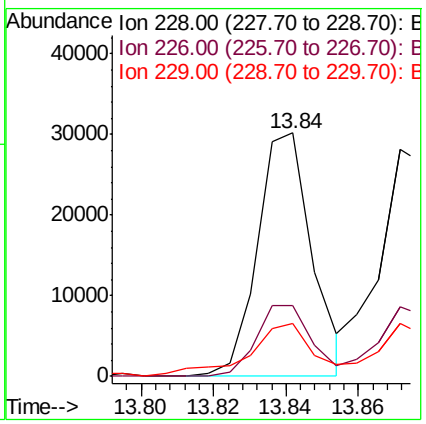




#80
Benzo(a)anthracene
Concen: 2.229 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:228 Resp: 31667

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.7	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SA-01-091918

Manual Integrations APPROVED
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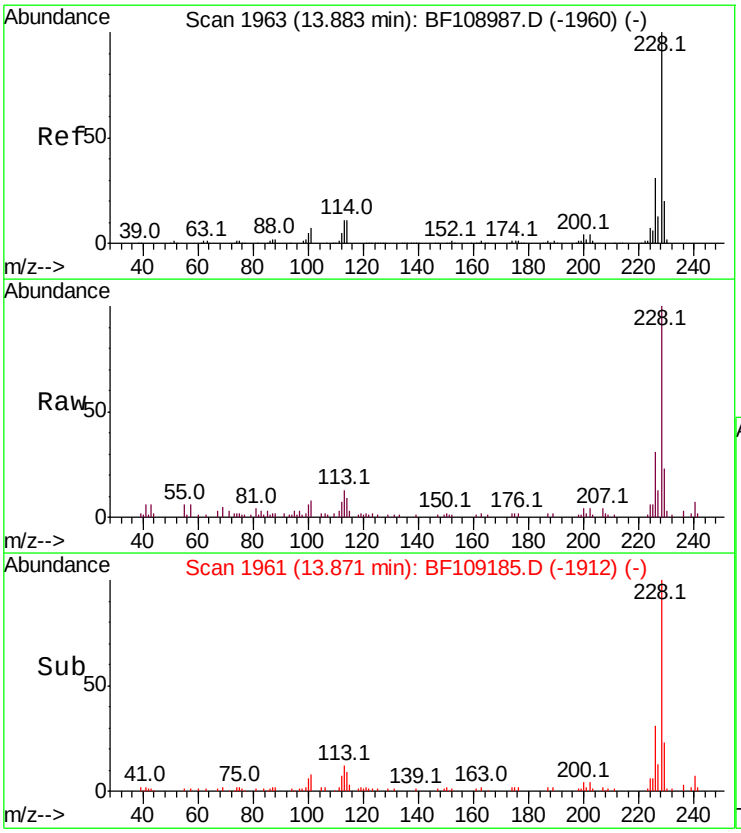
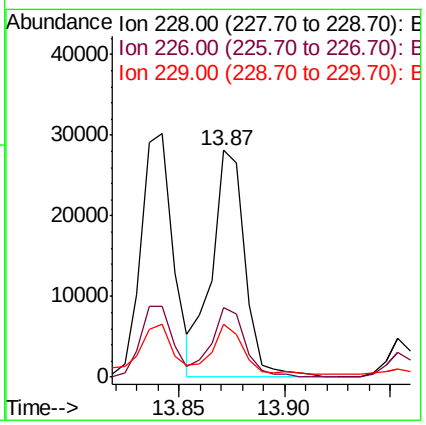
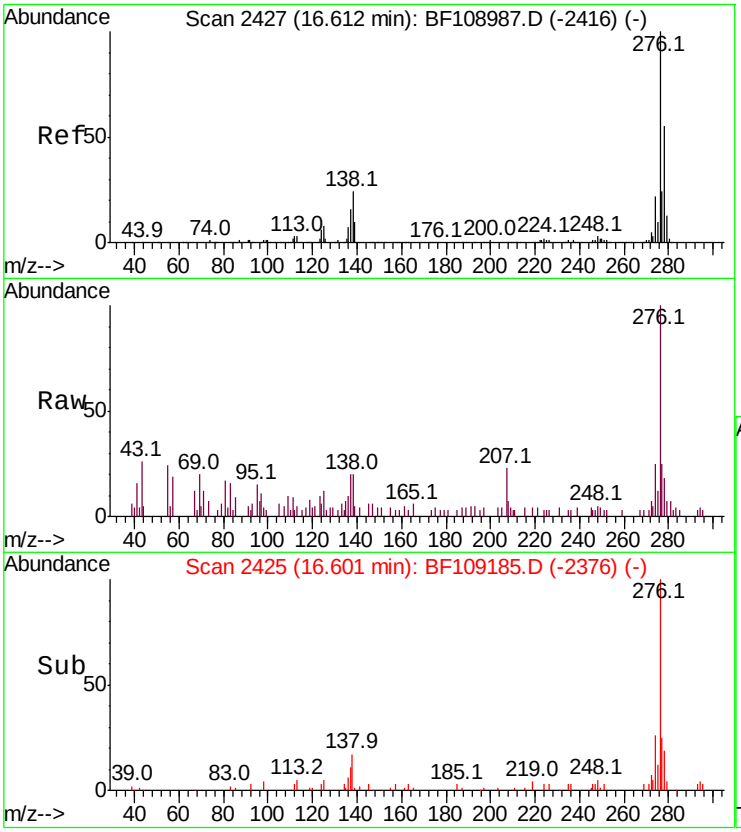


#82
Chrysene
Concen: 2.165 ng
RT: 13.87 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:228 Resp: 30778

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.3	16.2	24.4





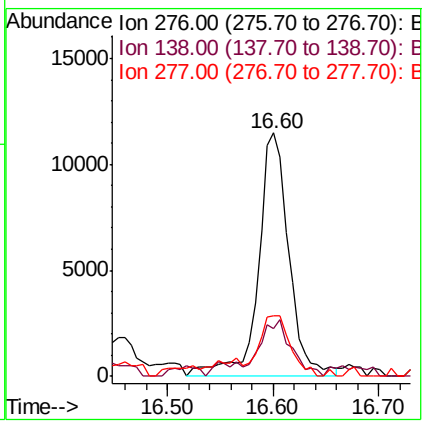
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.045 ng
RT: 16.60 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

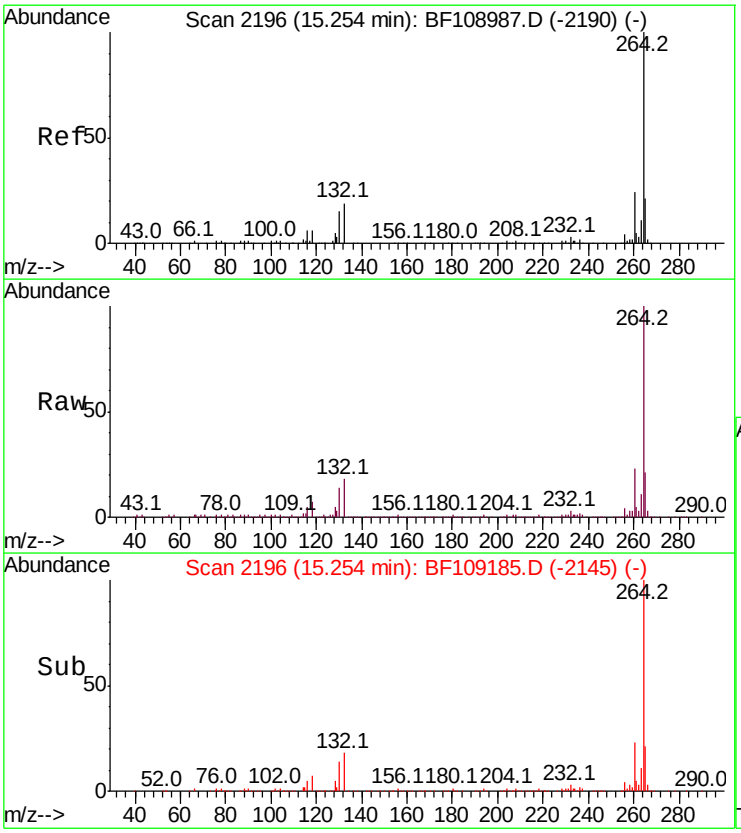
Tgt Ion:276 Resp: 23239

Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	25.1	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
SA-01-091918

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:50 AM

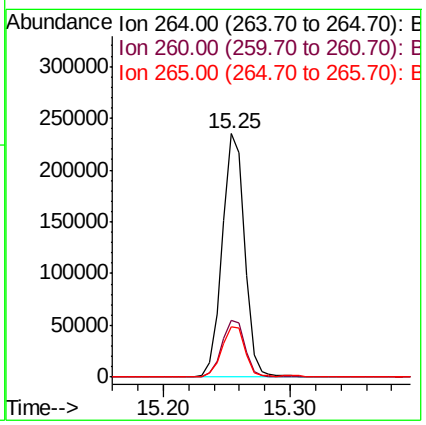


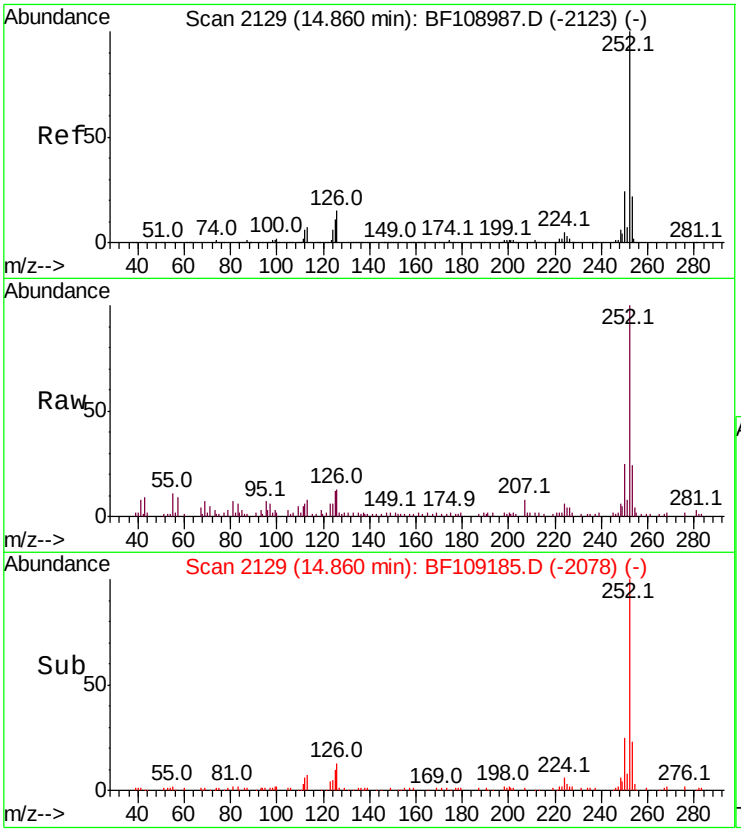


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:264 Resp: 287157

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3

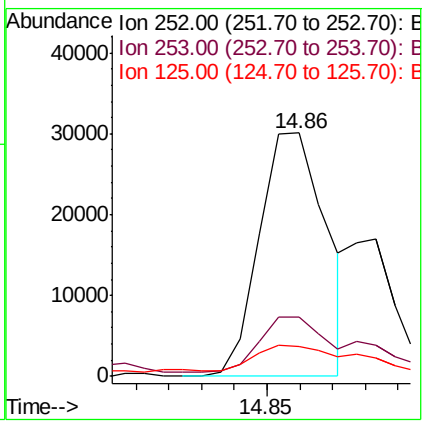




#87
Benzo(b)fluoranthene
Concen: 2.657 ng m
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

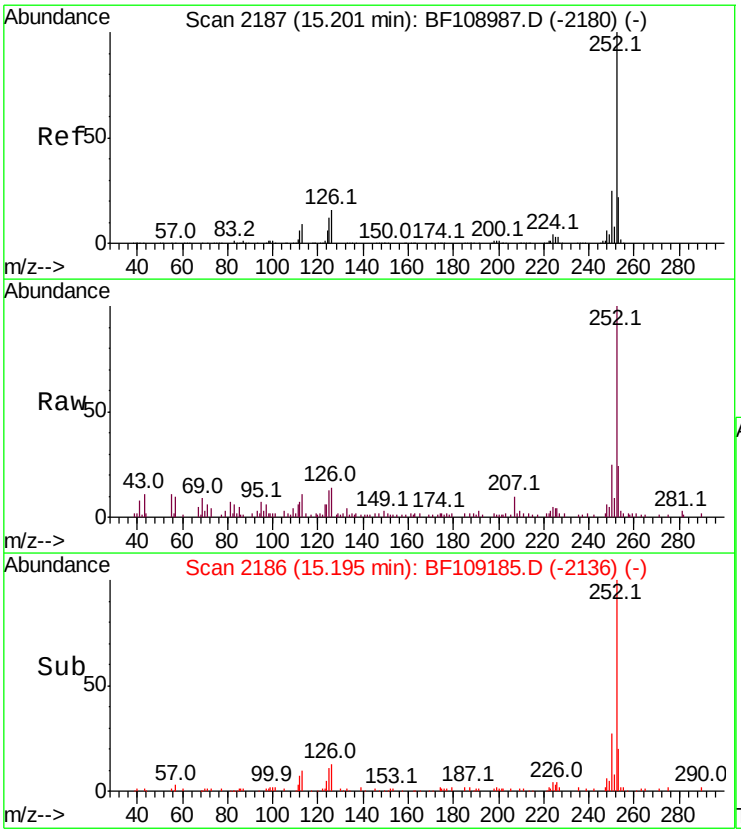
Tgt Ion:252 Resp: 42205

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	12.5	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SA-01-091918

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:50 AM



#89
Benzo(a)pyrene
Concen: 2.237 ng
RT: 15.19 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF109185.D
Acq: 20 Sep 2018 16:52

Tgt Ion:252 Resp: 31559

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	12.9	9.8	14.6