Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109115.D
Acq On : 19 Sep 2018 00:05
Operator : JU/SJ
Sample : J4967-02 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 04:06:04 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	116021	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	403706	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	164438	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	299136	20.00	ng		0.00
75) Chrysene-d12	13.86	240	327148	20.00	ng		0.00
86) Perylene-d12	15.27	264	255935	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	98890	14.16	ng		0.00
7) Phenol-d6	6.35	99	127652	14.17	ng		-0.01
23) Nitrobenzene-d5	7.28	82	79967	11.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	25611	14.35	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	145959	13.91	ng		0.00
78) Terphenyl-d14	12.81	244	147028	10.65	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	79967	6.463	ng	#	64
50) 2,6-Dinitrotoluene	9.75	165	21284	8.166	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	21284	6.244	ng	#	24
70) Phenanthrene	11.25	178	46487	3.170	ng		97
74) Fluoranthene	12.44	202	69261	4.474	ng		95
77) Pyrene	12.66	202	60150	2.475	ng		98
82) Chrysene	13.88	228	41720	2.105	ng	#	95
87) Benzo(b)fluoranthene	14.87	252	56628	3.999	ng	#	79
88) Benzo(k)fluoranthene	14.87	252	56628	4.282	ng	#	81

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

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Acq On : 19 Sep 2018 00:05
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ALS Vial : 25 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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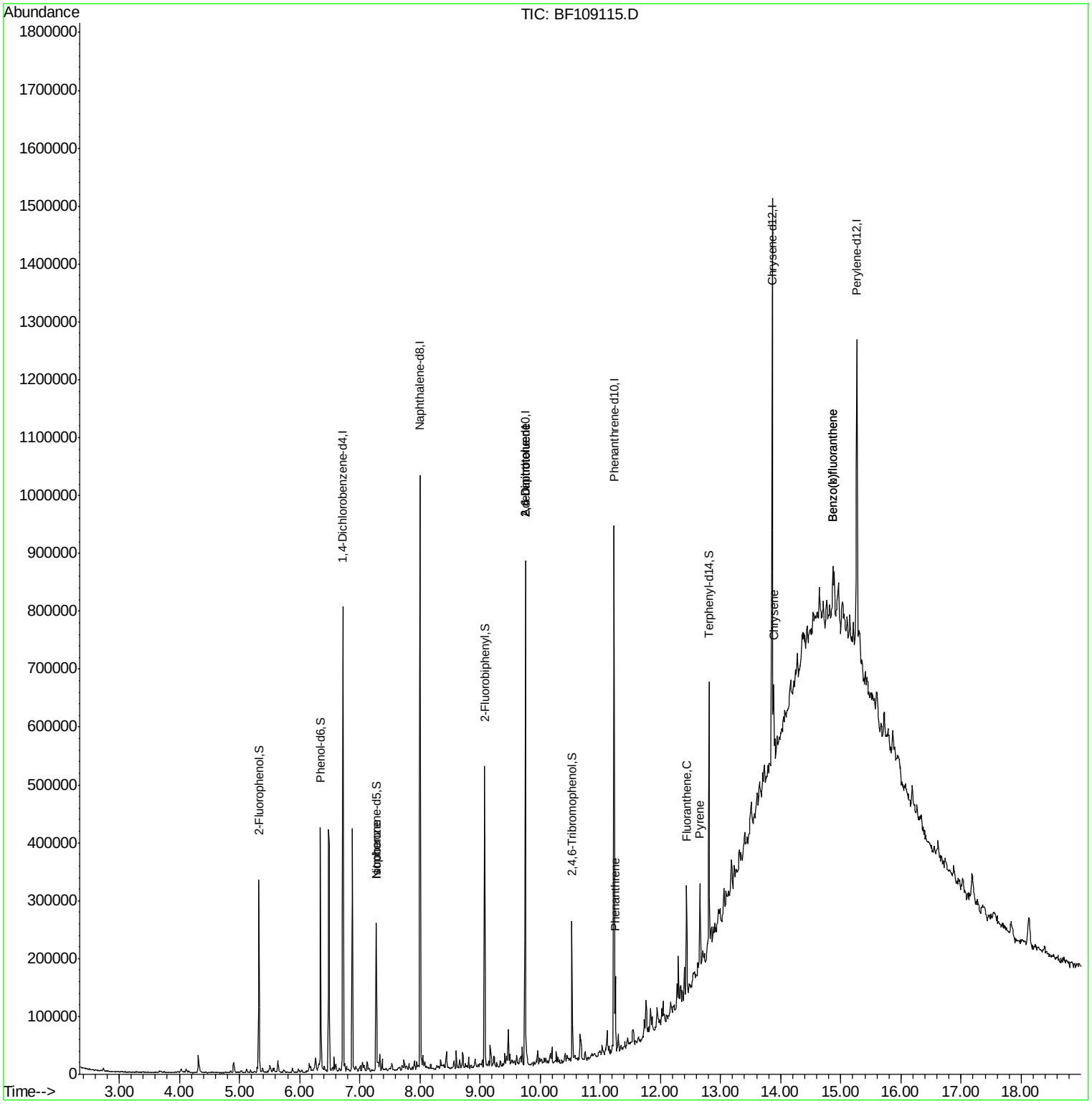
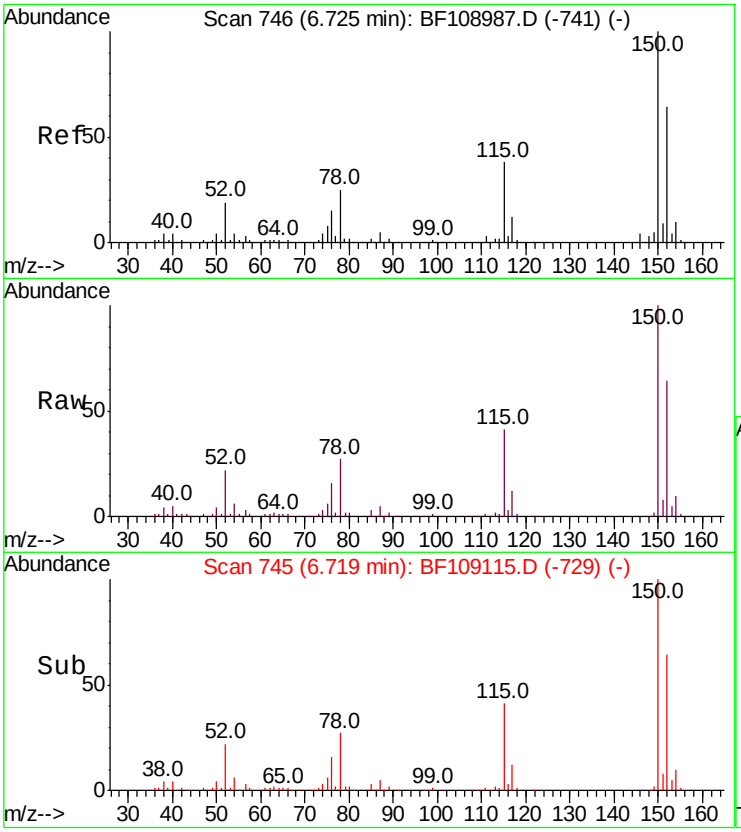


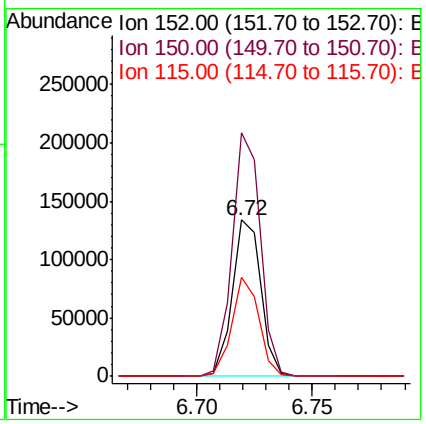


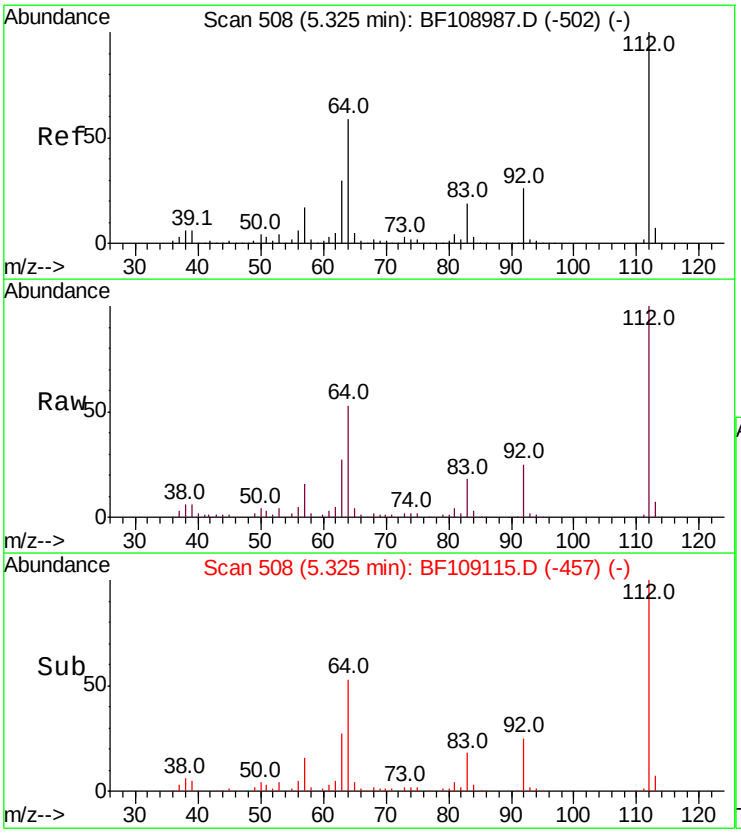
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116021

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.2	50.1	75.1

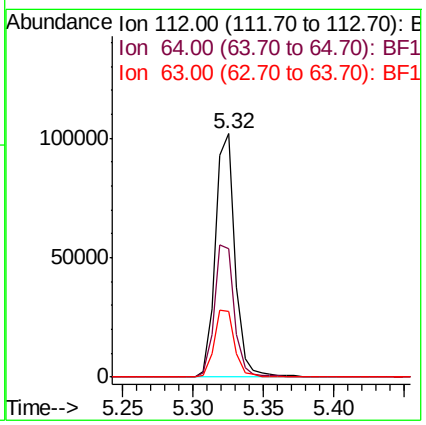


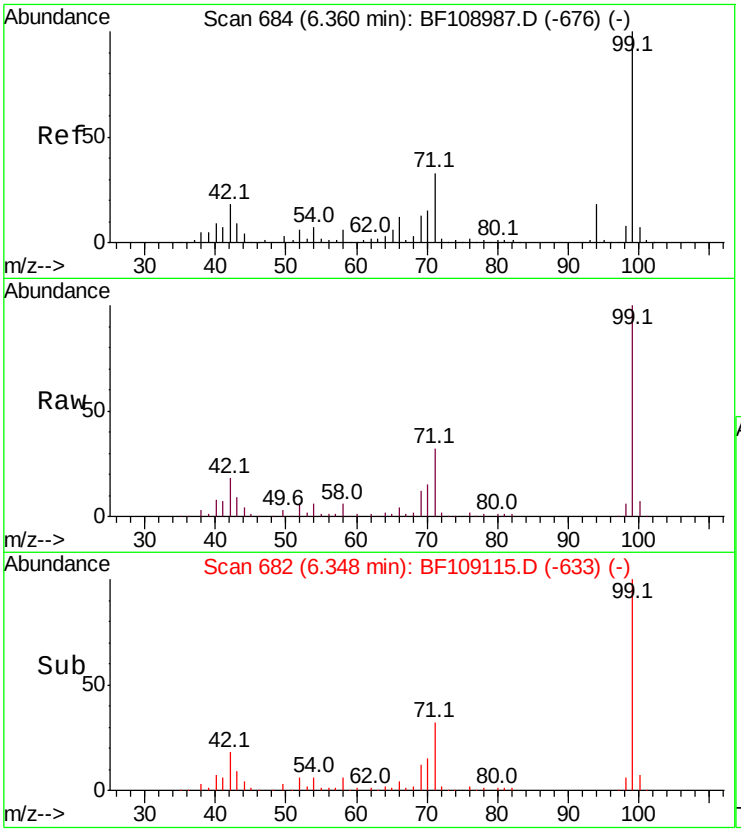


#5
2-Fluorophenol
Concen: 14.156 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:112 Resp: 98890

Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	26.7	23.7	35.5



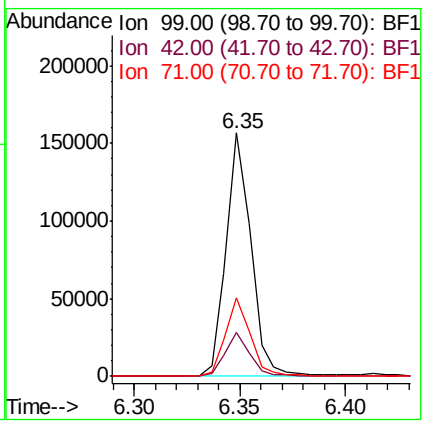


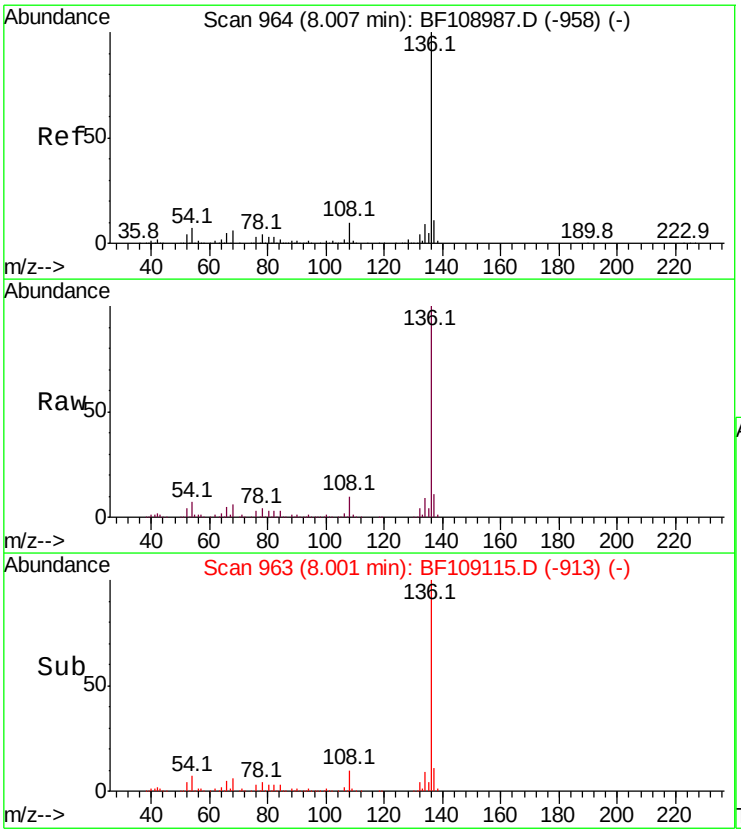
#7
Phenol-d6
Concen: 14.172 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 127652

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	32.4	25.4	38.0

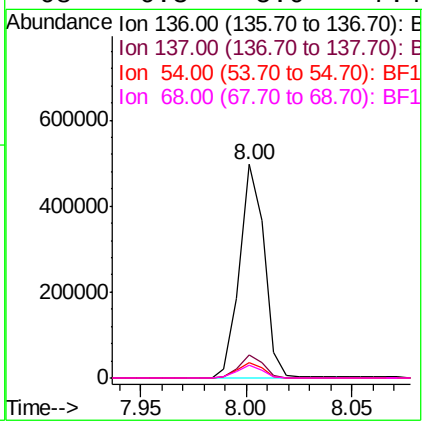


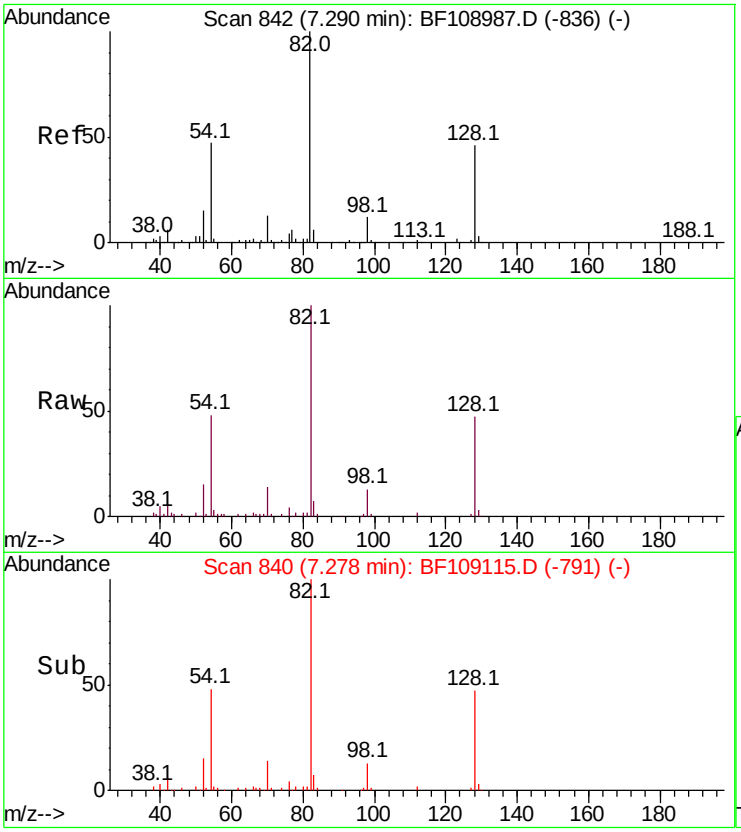


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:136 Resp: 403706

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4



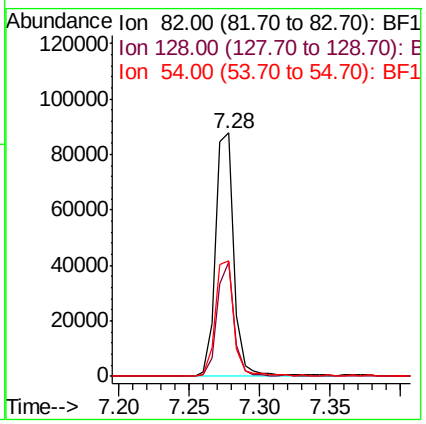


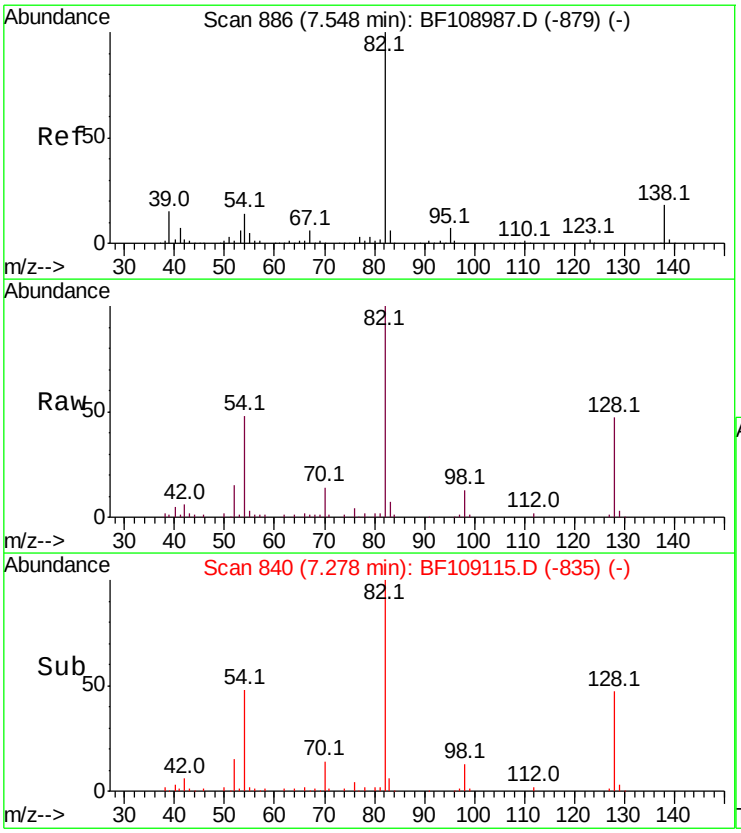
#23
Nitrobenzene-d5
Concen: 11.110 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 79967

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.6	41.4	62.2

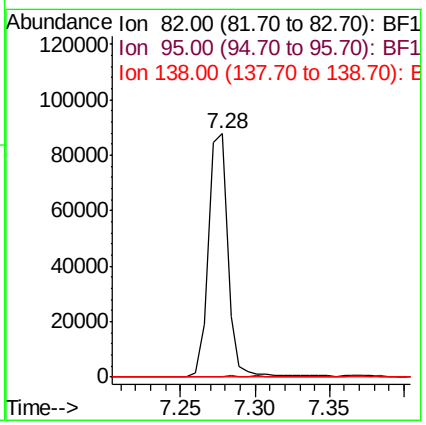


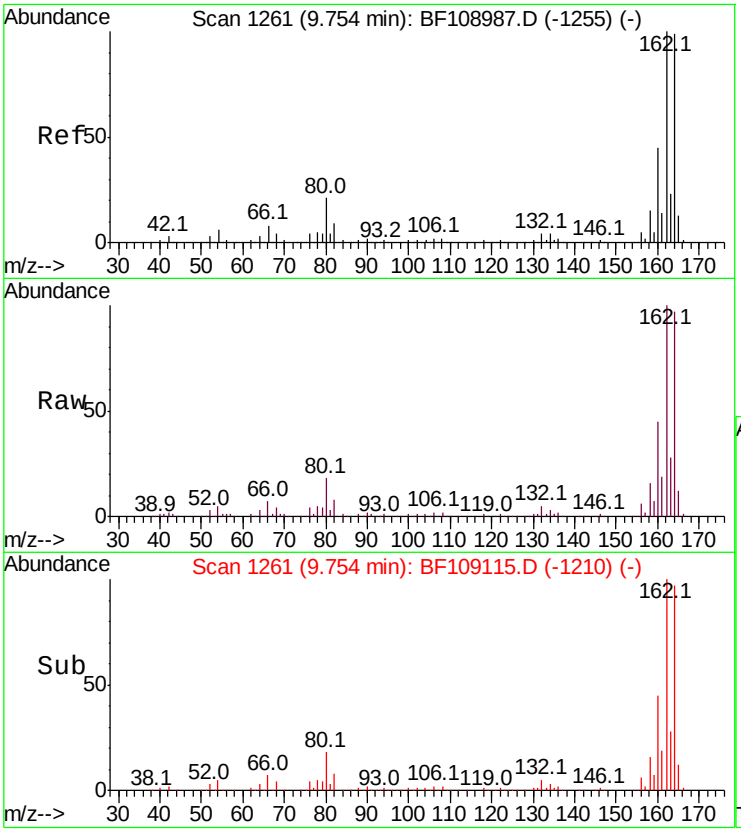


#25
Isophorone
Concen: 6.463 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion: 82 Resp: 79967

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



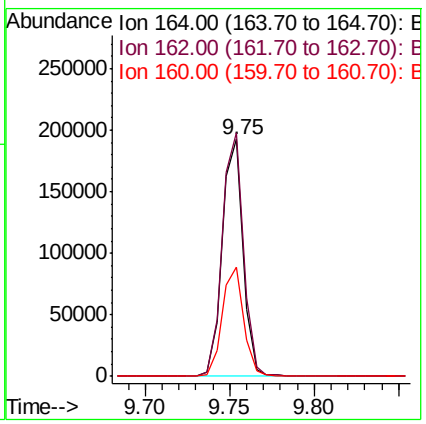


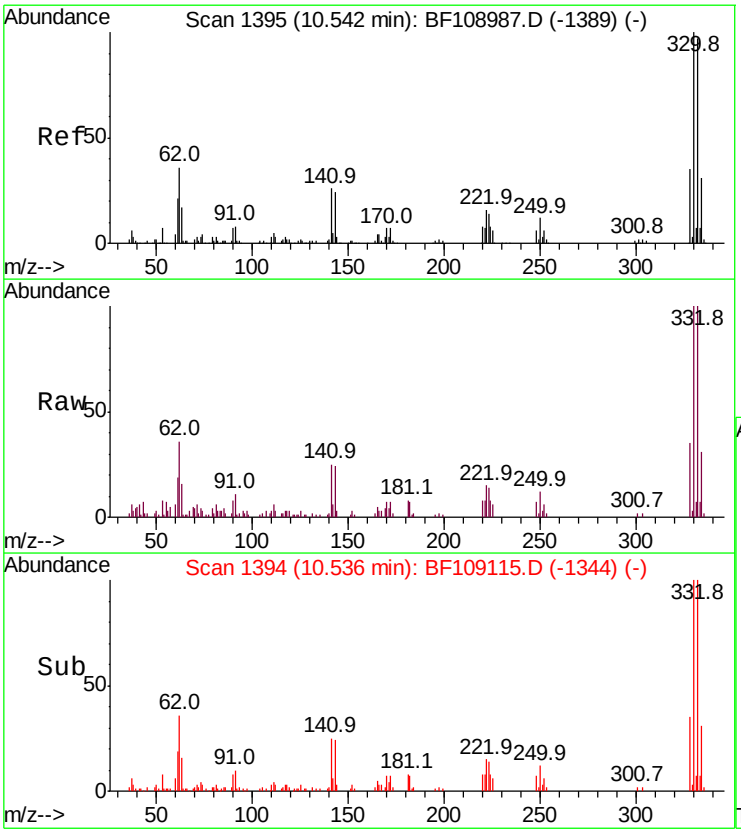
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164438

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.0	38.3	57.5

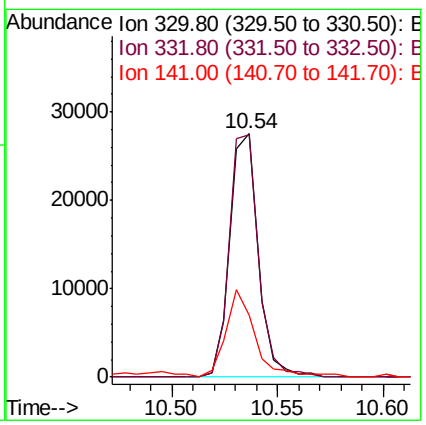


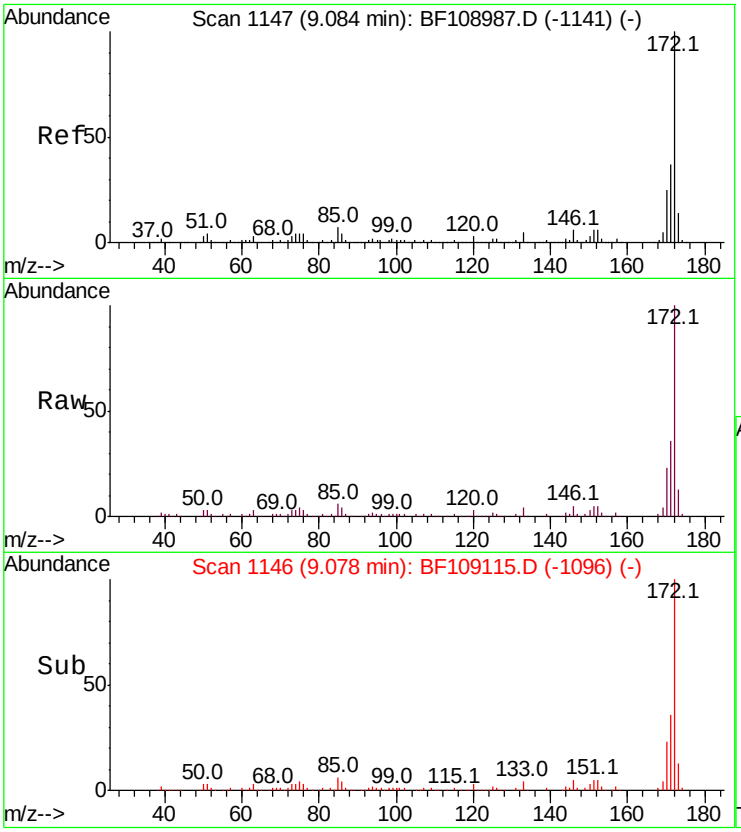


#41
2,4,6-Tribromophenol
Concen: 14.351 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:330 Resp: 25611

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	37.2	29.9	44.9



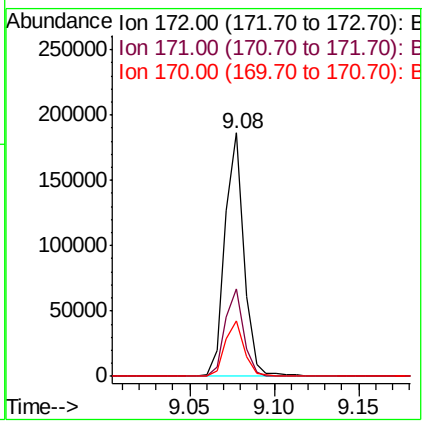


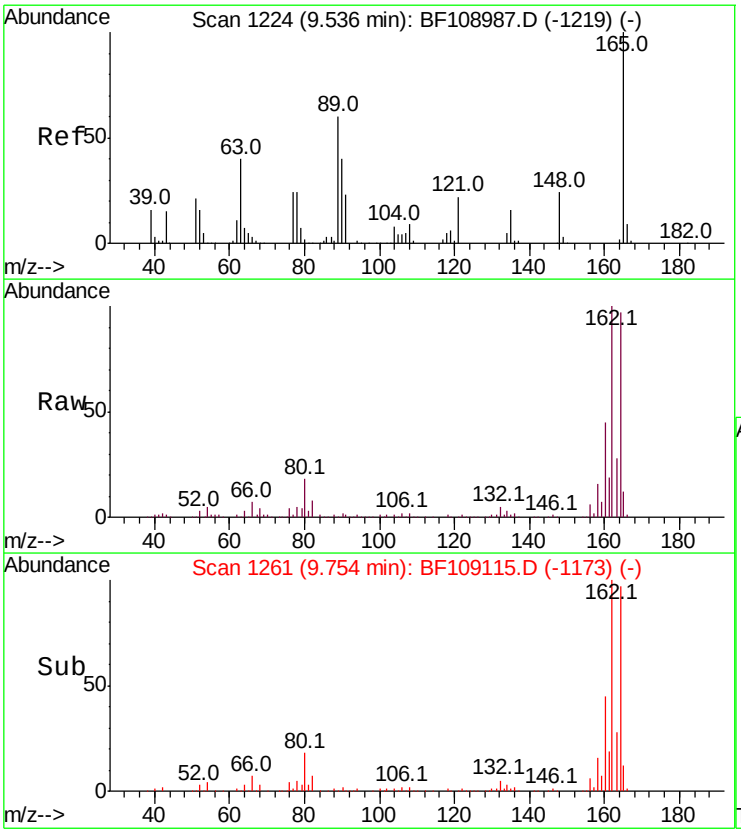
#44
2-Fluorobiphenyl
Concen: 13.907 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 145959

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	22.9	19.6	29.4

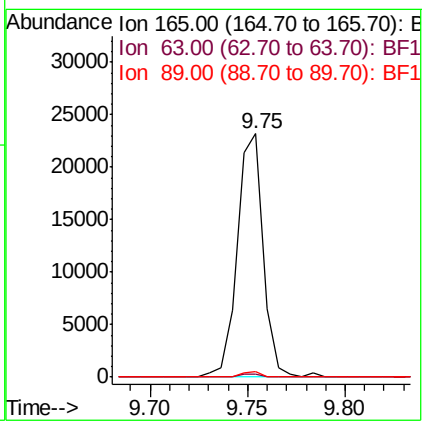


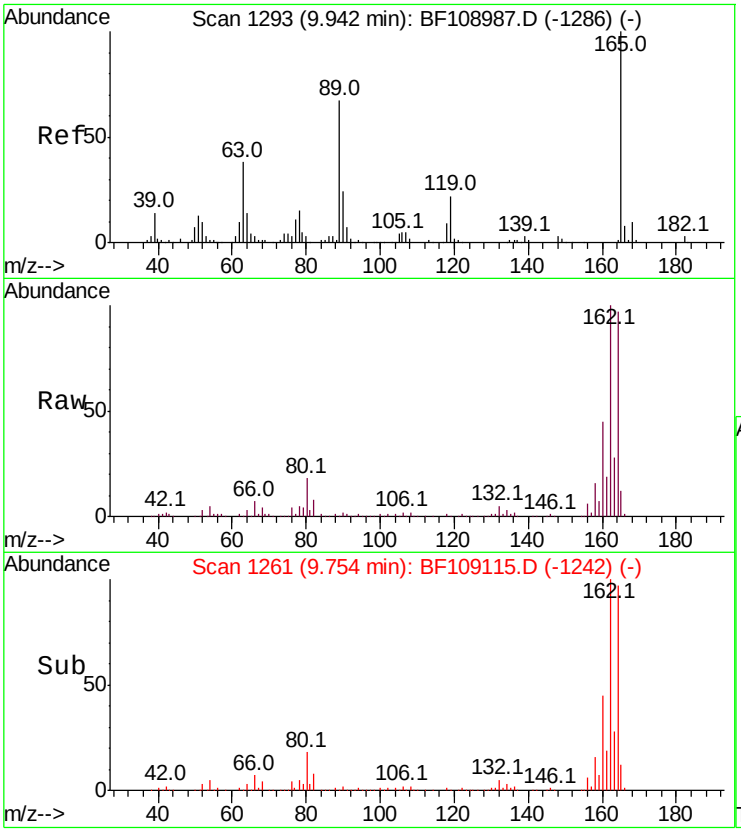


#50
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.22 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:165 Resp: 21284

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.1	44.0	66.0#



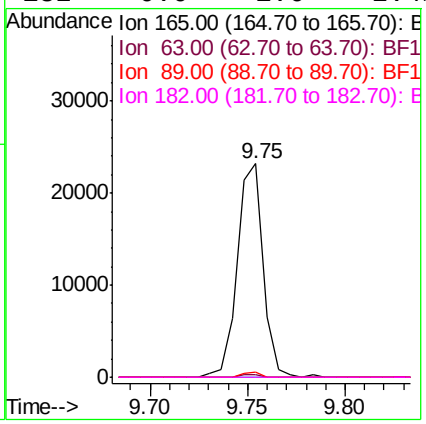


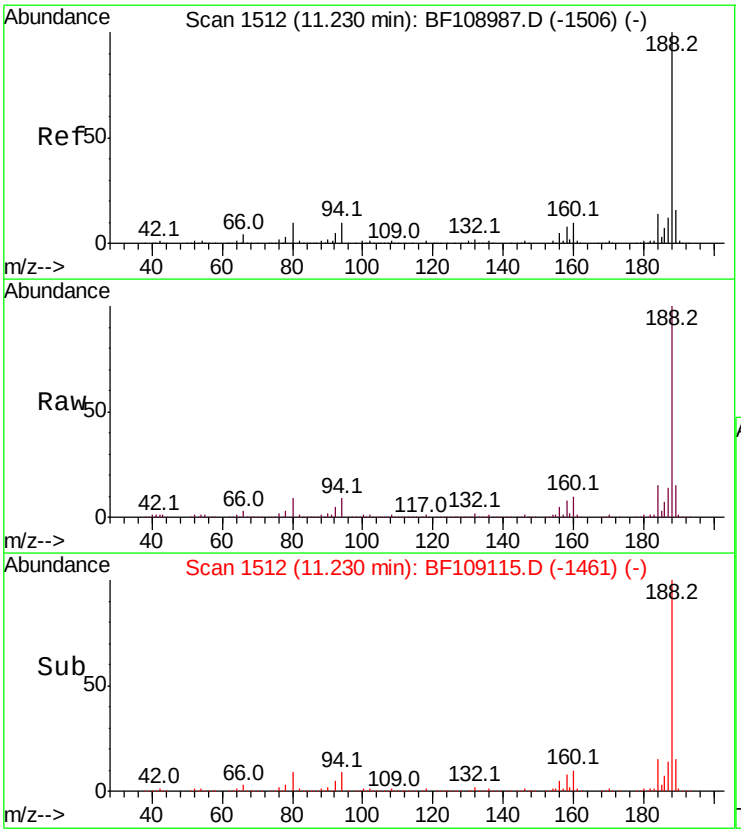
#56
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21284

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

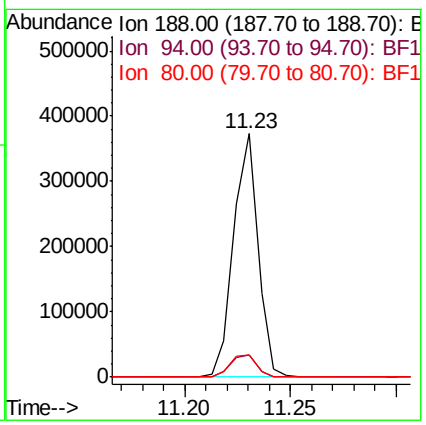


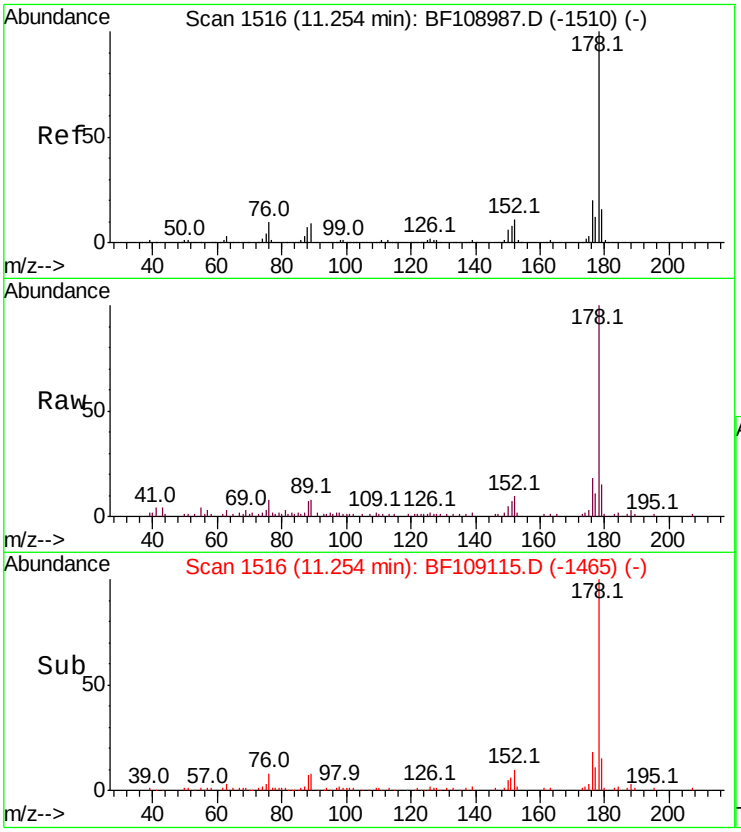


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:188 Resp: 299136

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.3	9.2	13.8



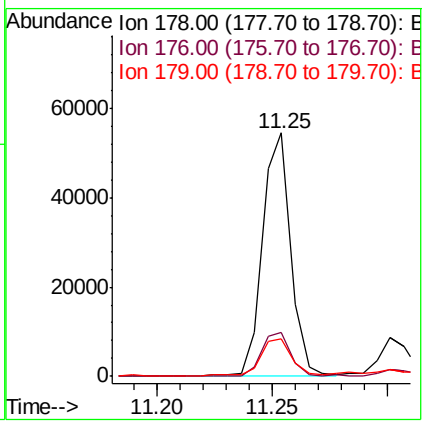


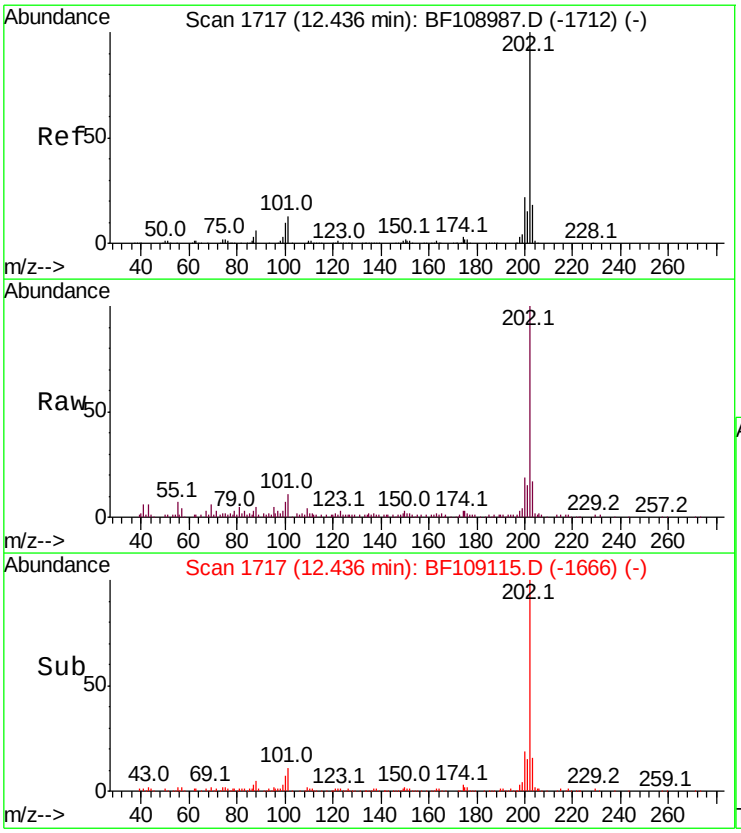
#70
Phenanthrene
Concen: 3.170 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 46487

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.4	13.0	19.6

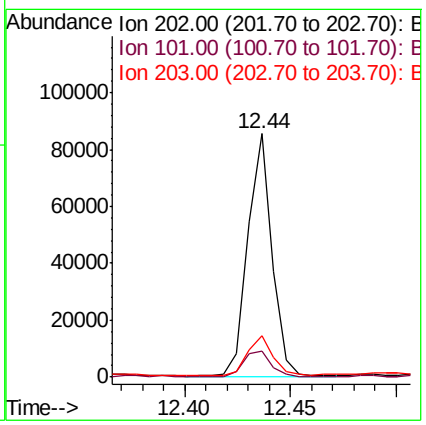


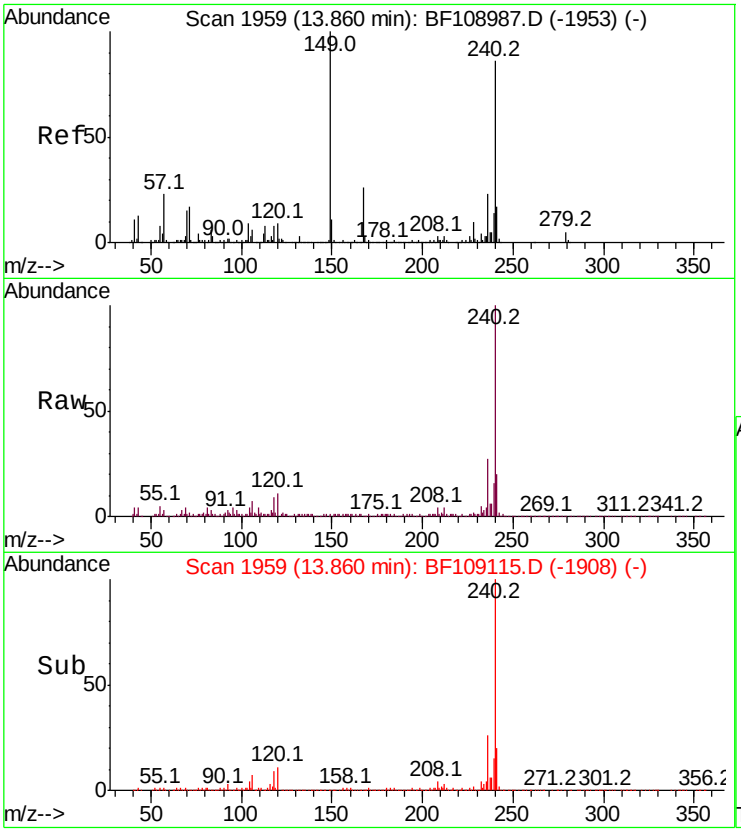


#74
Fluoranthene
Concen: 4.474 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:202 Resp: 69261

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	16.8	0.0	38.1



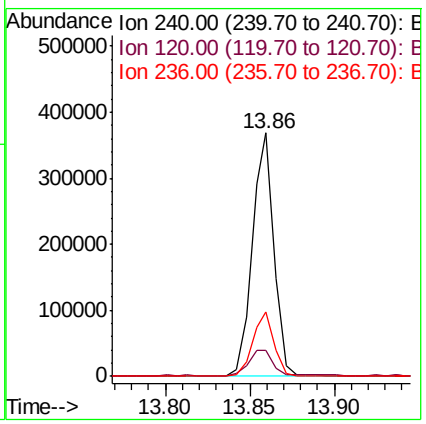


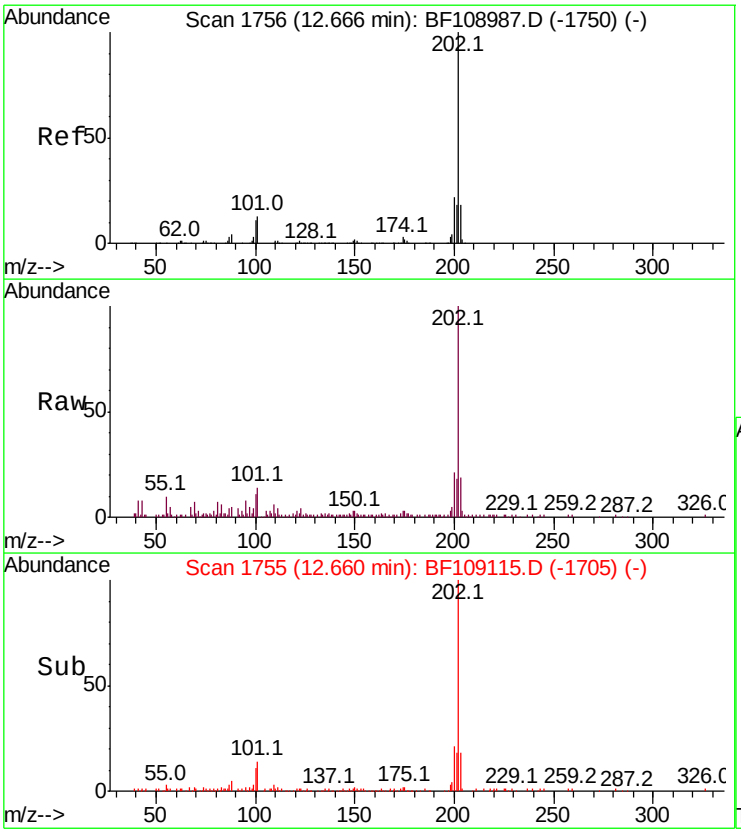
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 327148

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.6	20.7	31.1

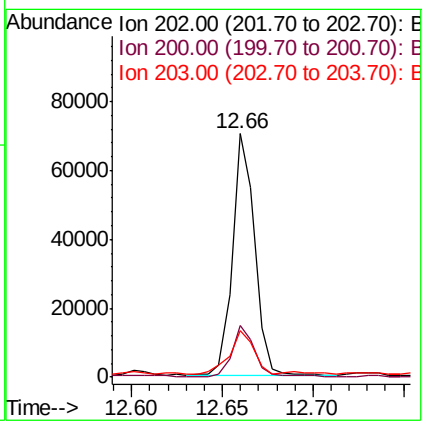


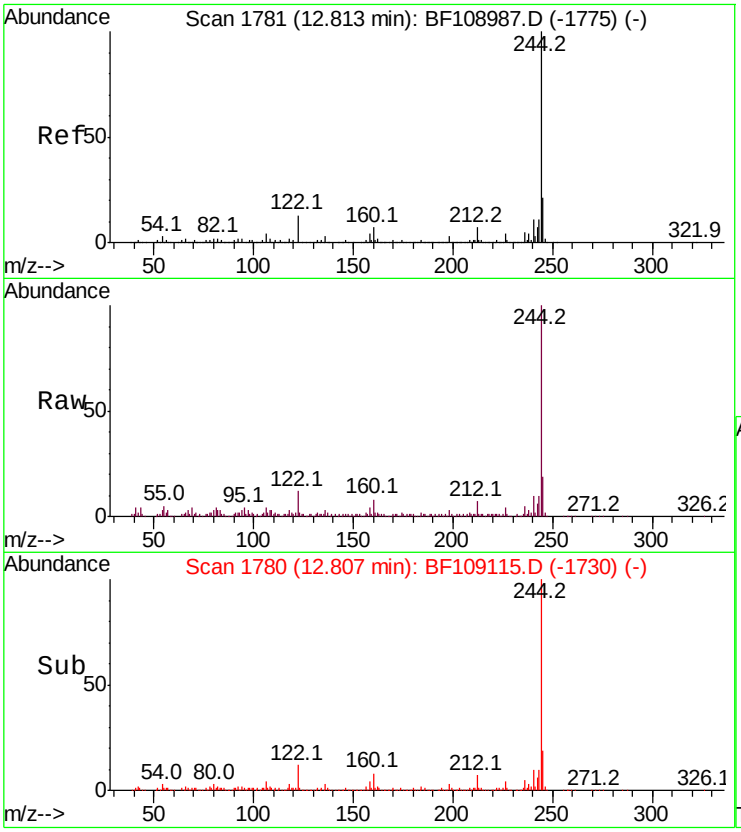


#77
Pyrene
Concen: 2.475 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:202 Resp: 60150

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.2	14.3	21.5



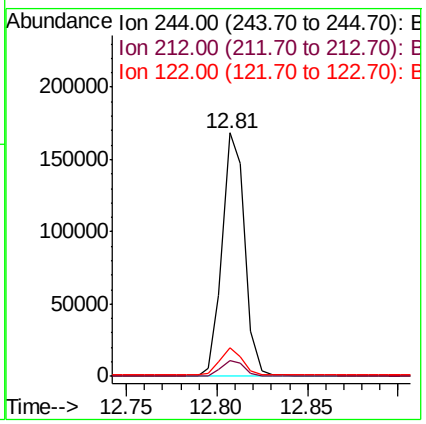


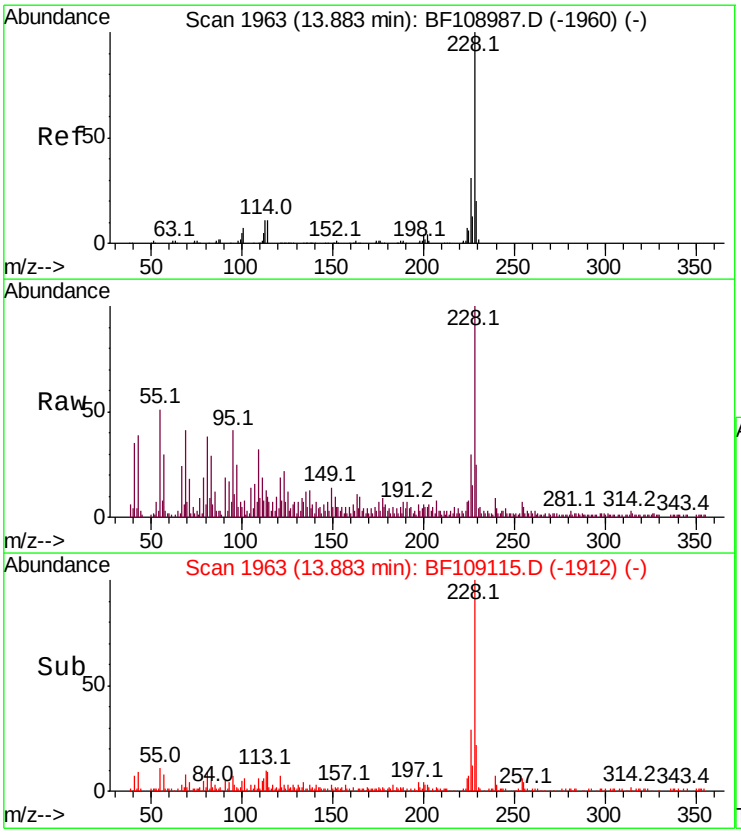
#78
Terphenyl-d14
Concen: 10.653 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 147028

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4

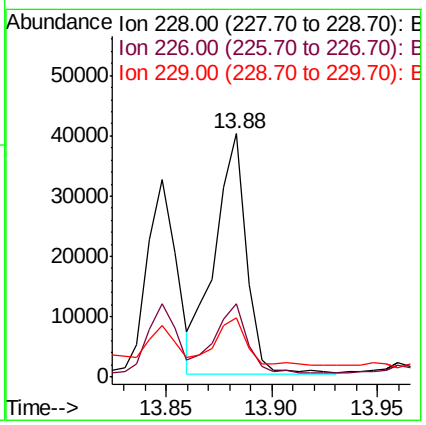


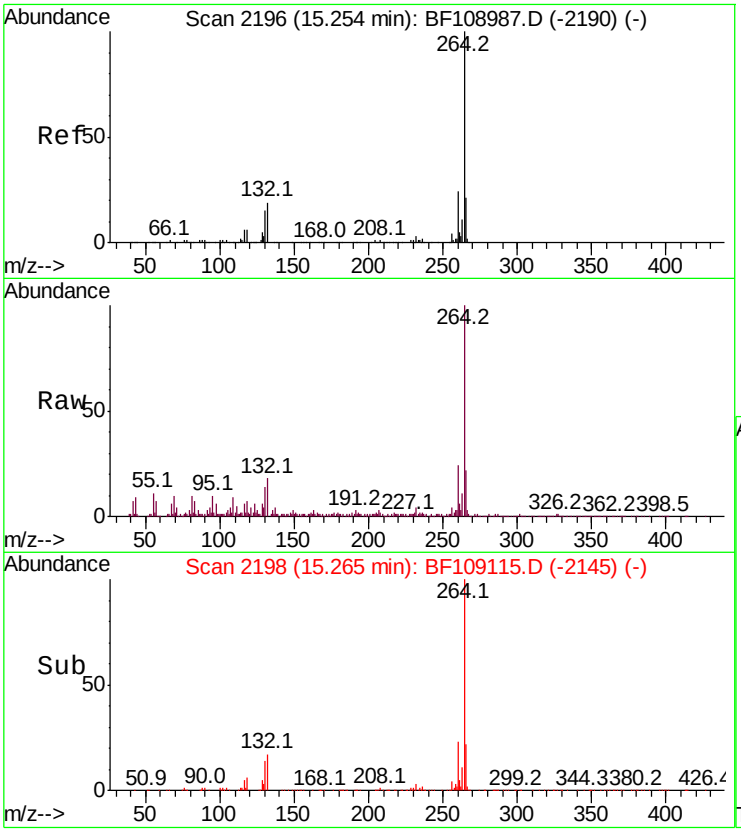


#82
Chrysene
Concen: 2.105 ng
RT: 13.88 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:228 Resp: 41720

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	24.6	16.2	24.4#



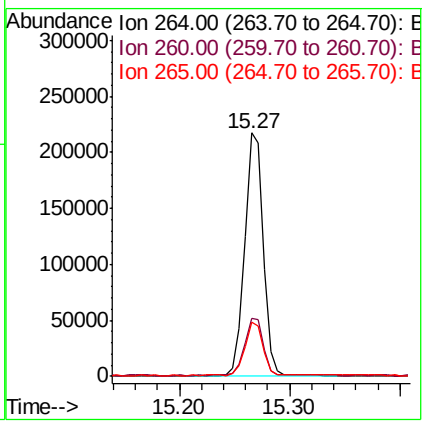


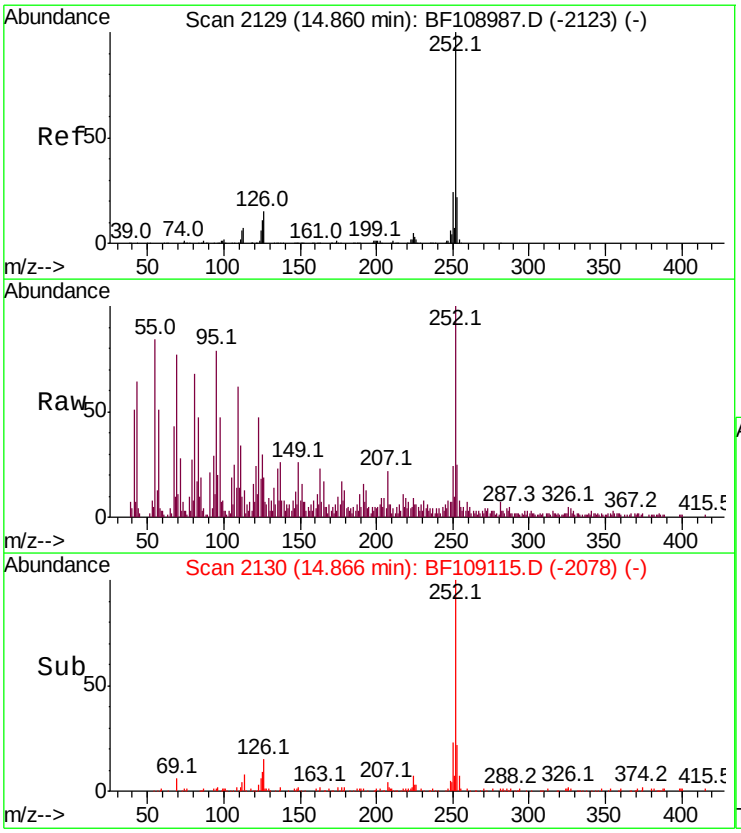
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255935

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

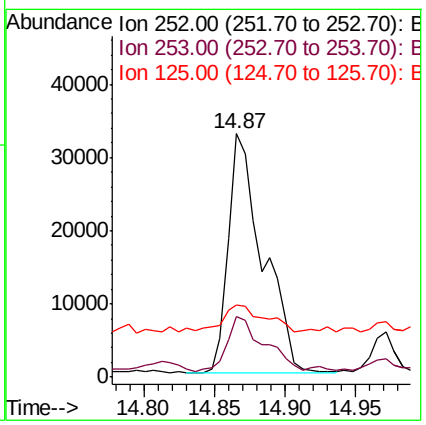


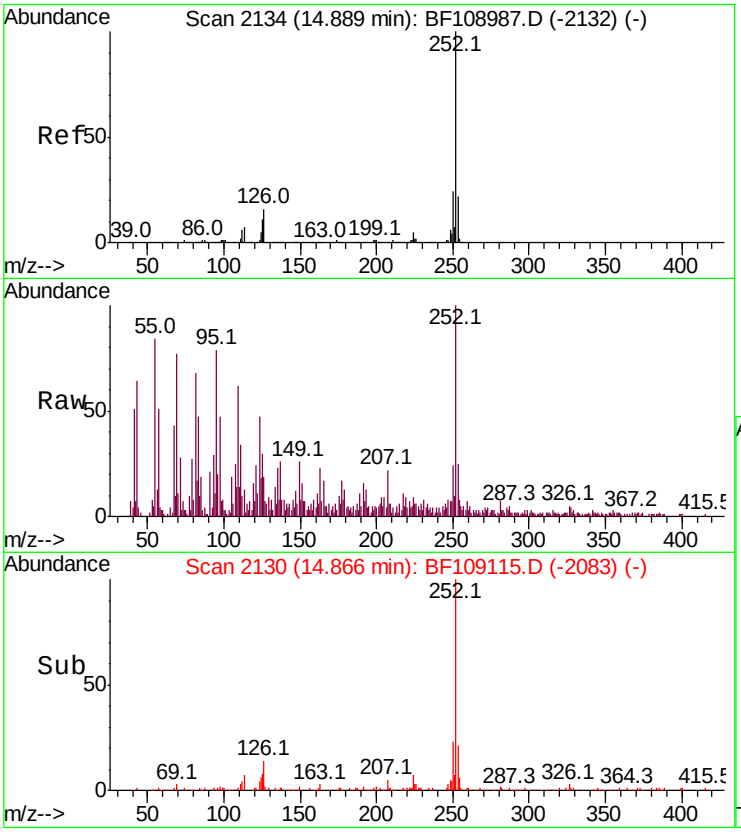


#87
Benzo(b)fluoranthene
Concen: 3.999 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Tgt Ion:252 Resp: 56628

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	29.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 4.282 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109115.D
Acq: 19 Sep 2018 00:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56628

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	29.6	10.2	15.2#