Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098697.D
Acq On : 22 Sep 2017 13:57
Operator : SJ/JU
Sample : I5293-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-R-SIDE-COMP

Quant Time: Sep 22 14:35:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150439	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	610512	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	251647	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	377261	20.00	ng		0.00
75) Chrysene-d12	14.09	240	316053	20.00	ng		0.00
86) Perylene-d12	15.58	264	326517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	176436	17.81	ng		0.00
7) Phenol-d6	6.53	99	215139	17.93	ng		-0.01
23) Nitrobenzene-d5	7.48	82	113151	12.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	32108	13.95	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	232342	14.69	ng		0.00
78) Terphenyl-d14	13.03	244	151631	10.30	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.48	70	14993	2.017	ng	#	81
25) Isophorone	7.48	82	112756	5.744	ng	#	64
50) 2,6-Dinitrotoluene	9.96	165	32384	8.696	ng	#	26
56) 2,4-Dinitrotoluene	9.96	165	32384	6.473	ng	#	23
70) Phenanthrene	11.47	178	48288	2.359	ng		99
74) Fluoranthene	12.66	202	111262	5.455	ng		97
77) Pyrene	12.89	202	109585	4.670	ng		97
80) Benzo(a)anthracene	14.07	228	49291	2.589	ng		98
82) Chrysene	14.11	228	46101	2.508	ng		96
87) Benzo(b)fluoranthene	15.14	252	78577	4.150	ng	#	97
88) Benzo(k)fluoranthene	15.14	252	78577	4.152	ng		98
89) Benzo(a)pyrene	15.51	252	39378	2.290	ng	#	88

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

Quantitation Report (Not Reviewed)

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Misc :
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BNA_F
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SP-B-R-SIDE-COMP

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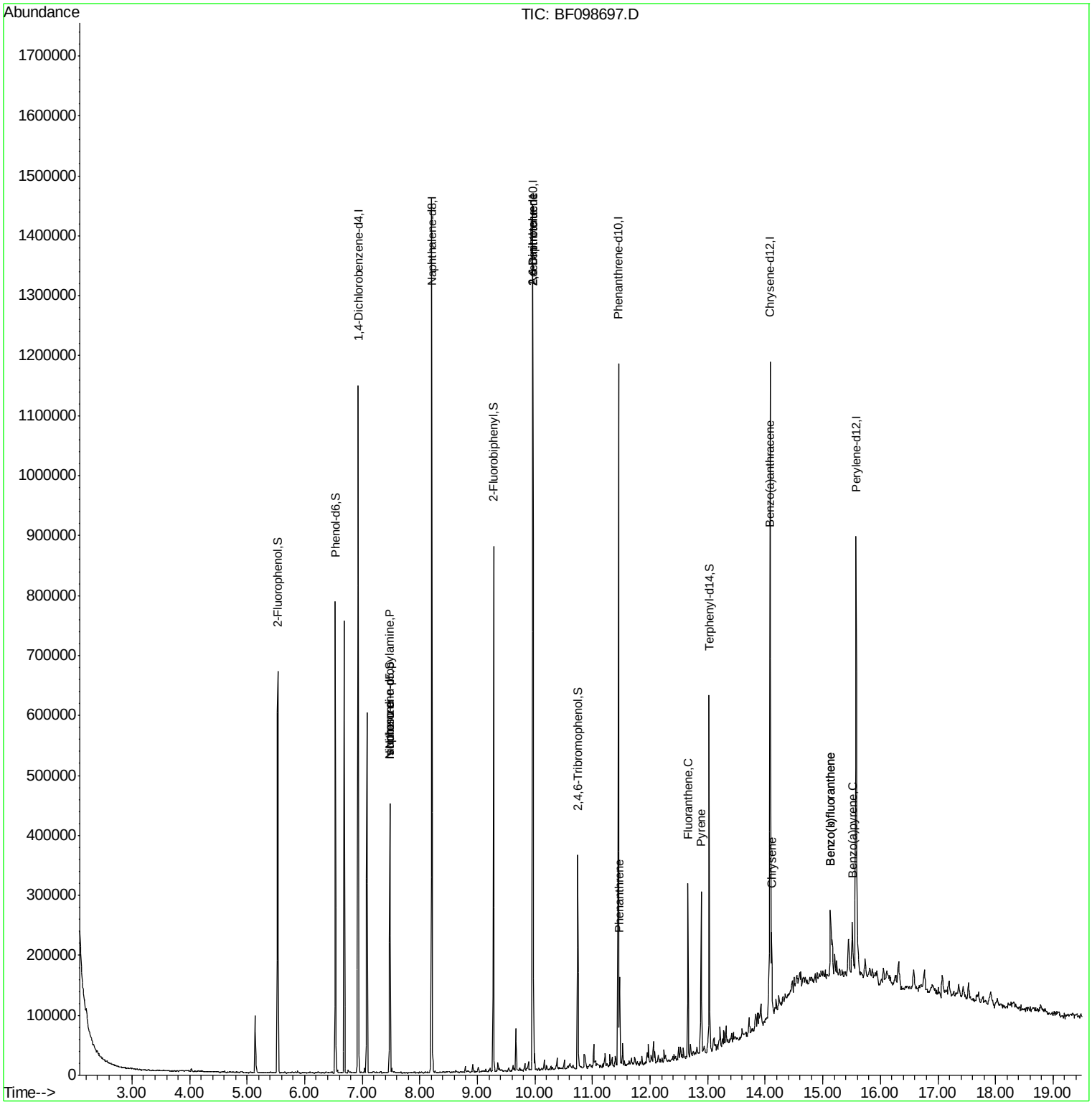
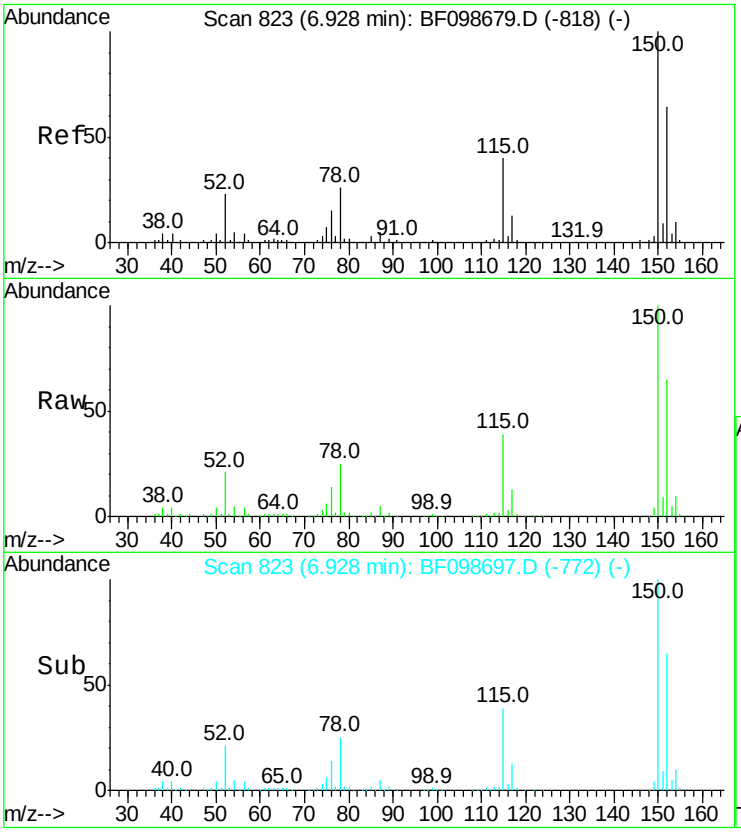


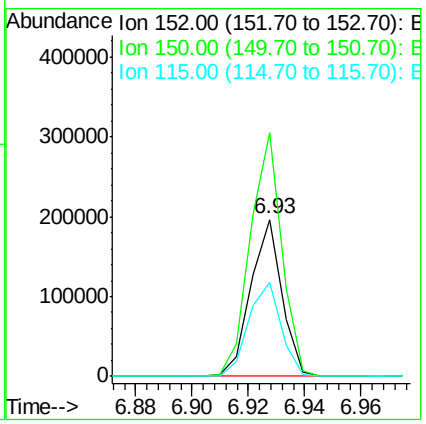


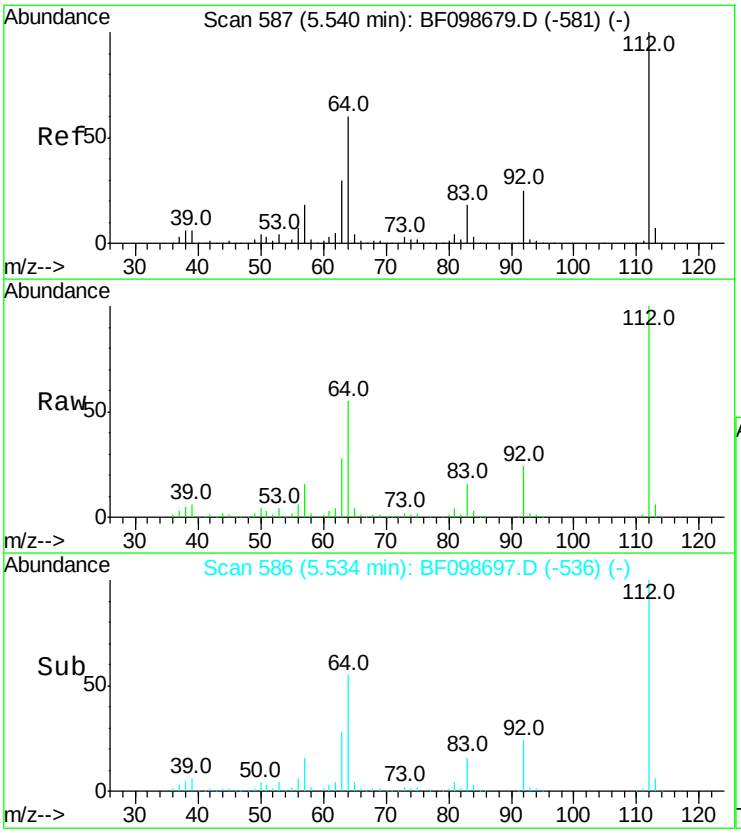
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:152 Resp: 150439

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	59.8	50.1	75.1

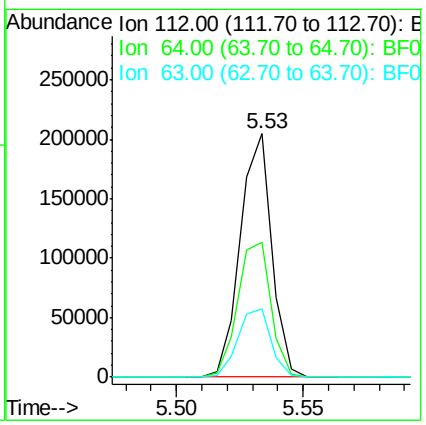


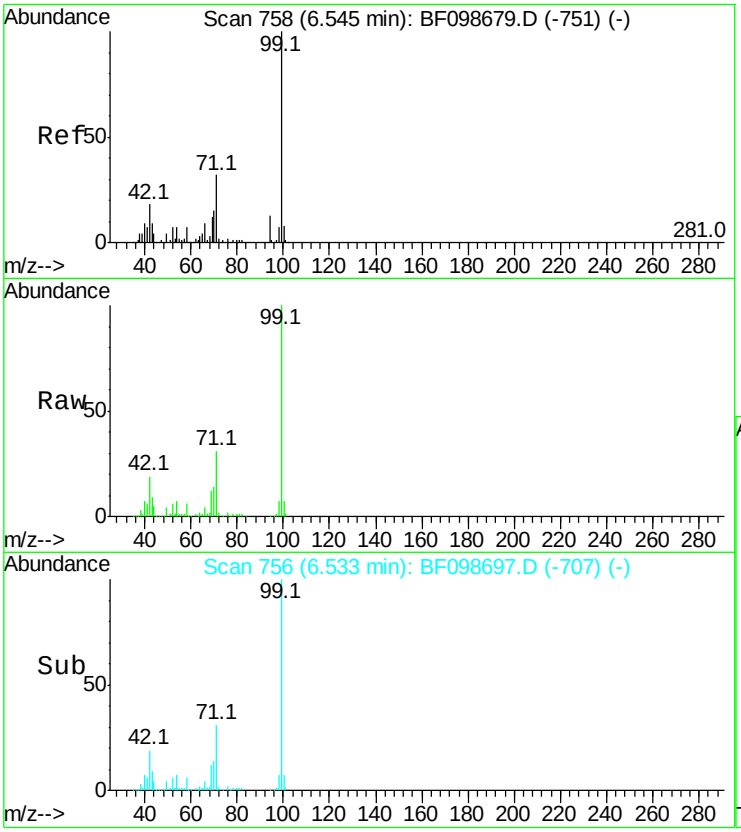


#5
2-Fluorophenol
Concen: 17.809 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:112 Resp: 176436

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.8	23.7	35.5



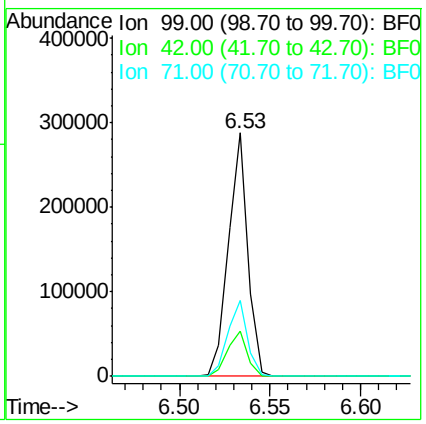


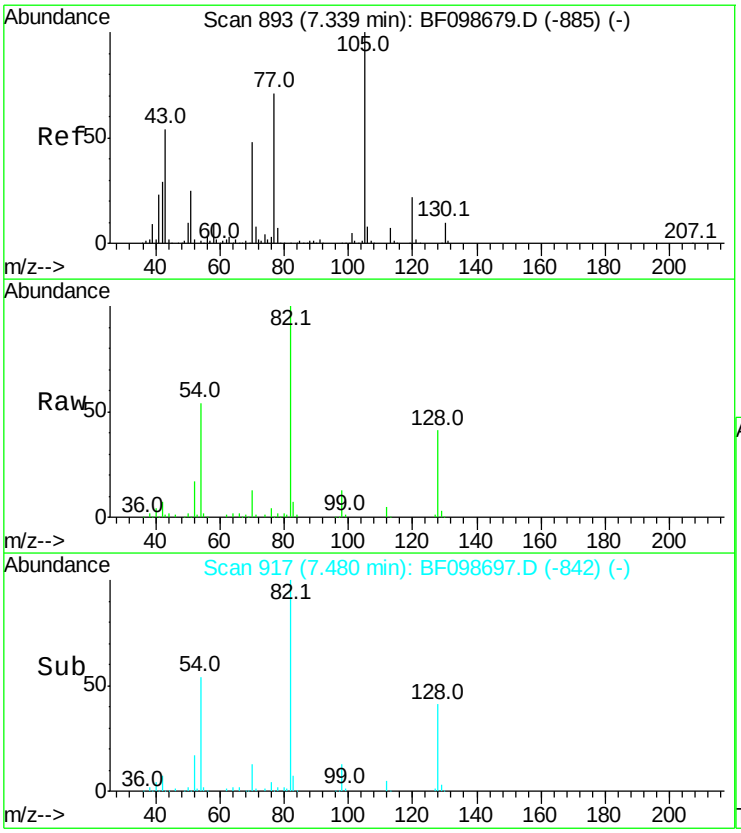
#7
Phenol-d6
Concen: 17.933 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion: 99 Resp: 215139

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	31.4	25.4	38.0

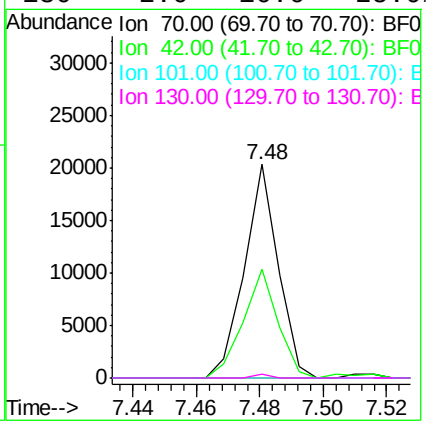


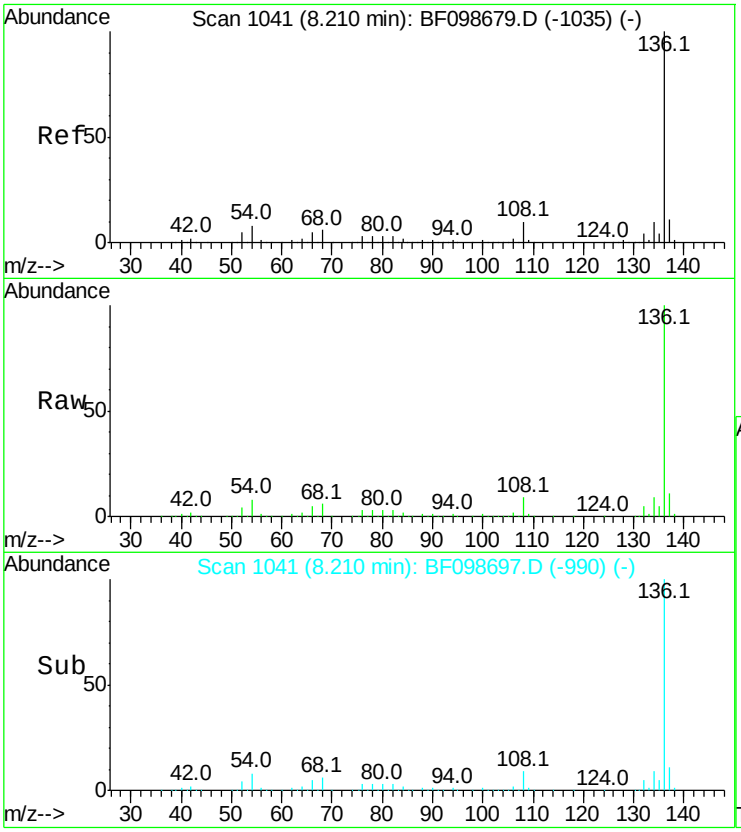


#19
n-Nitroso-di-n-propylamine
Concen: 2.017 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion: 70 Resp: 14993

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



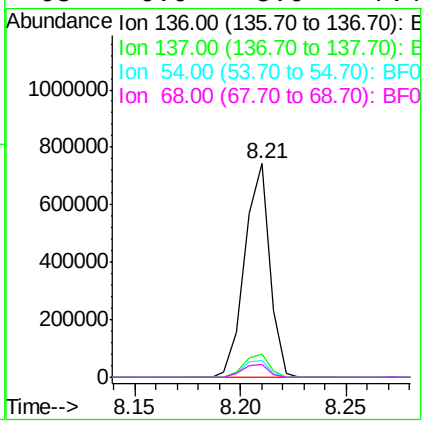


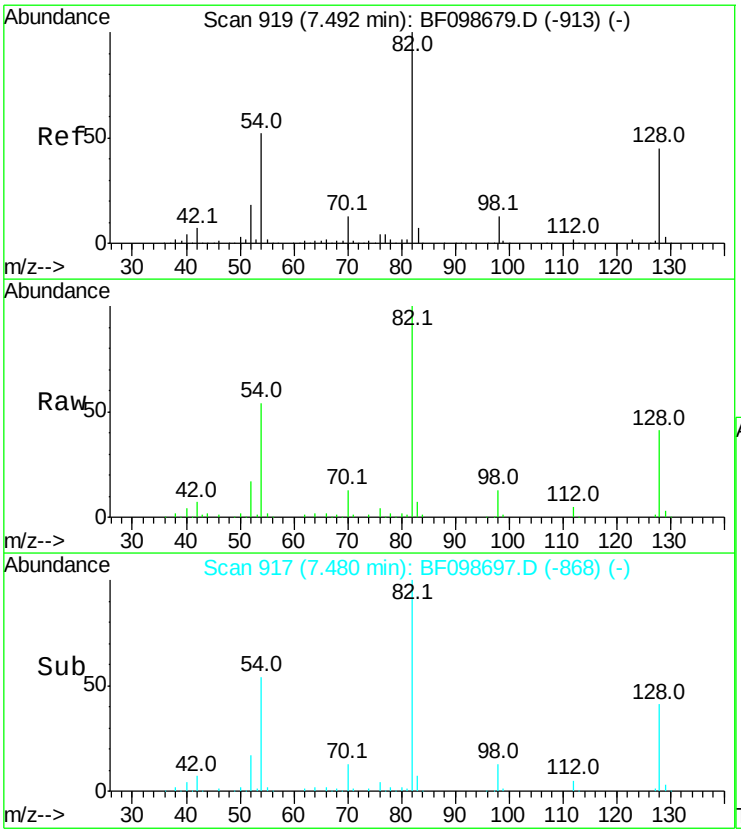
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:136 Resp: 610512

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4

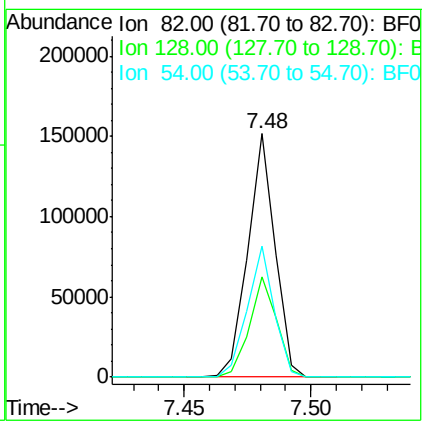


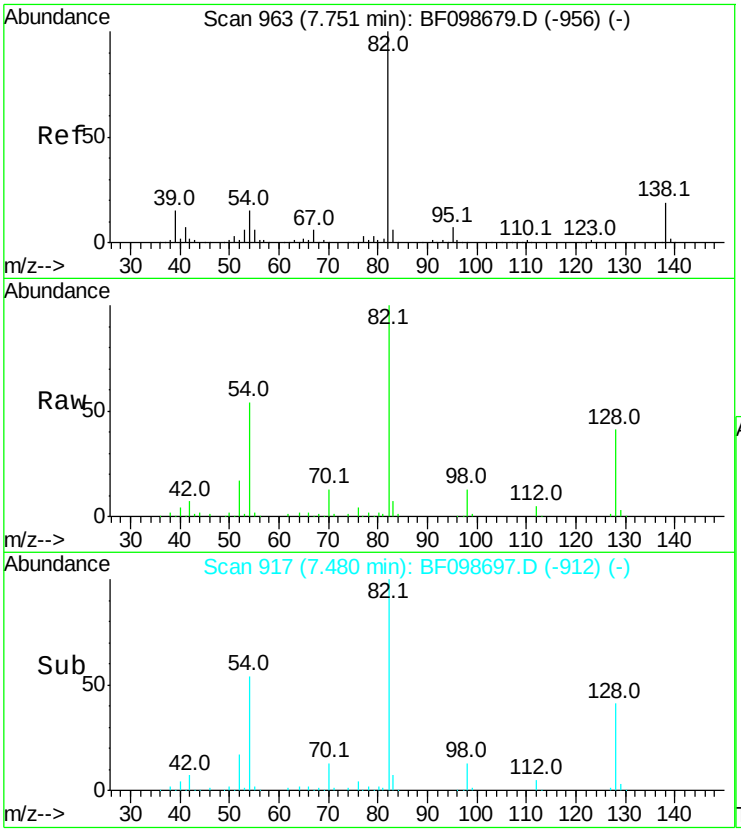


#23
Nitrobenzene-d5
Concen: 12.572 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion: 82 Resp: 113151

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	53.7	41.4	62.2



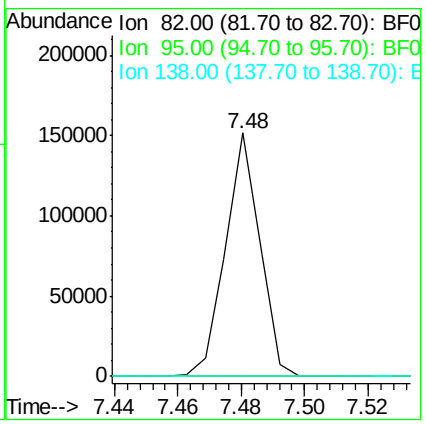


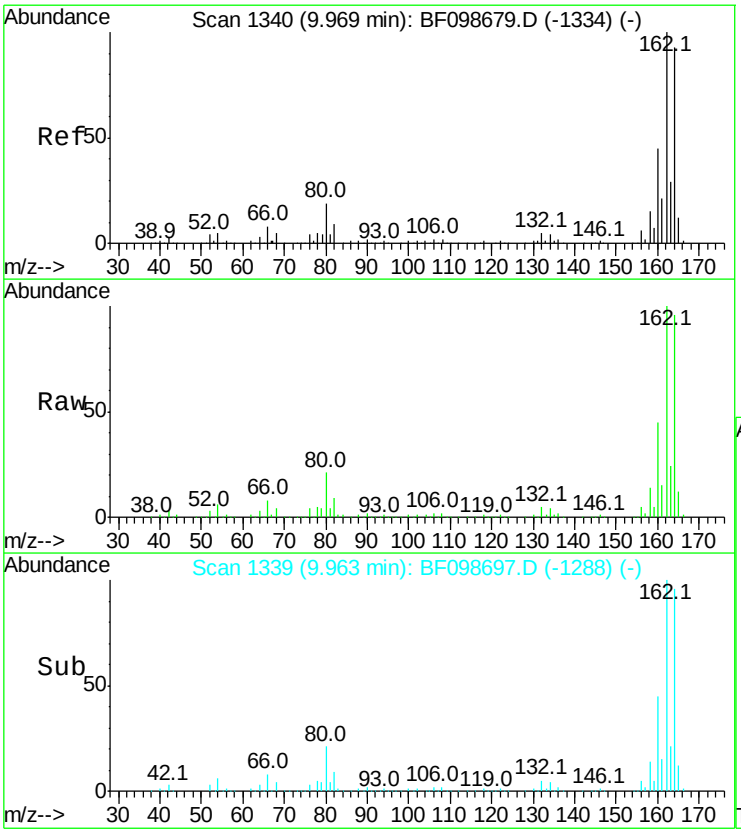
#25
Isophorone
Concen: 5.744 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion: 82 Resp: 112756

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

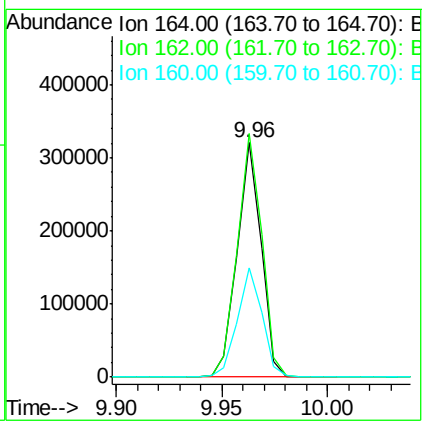


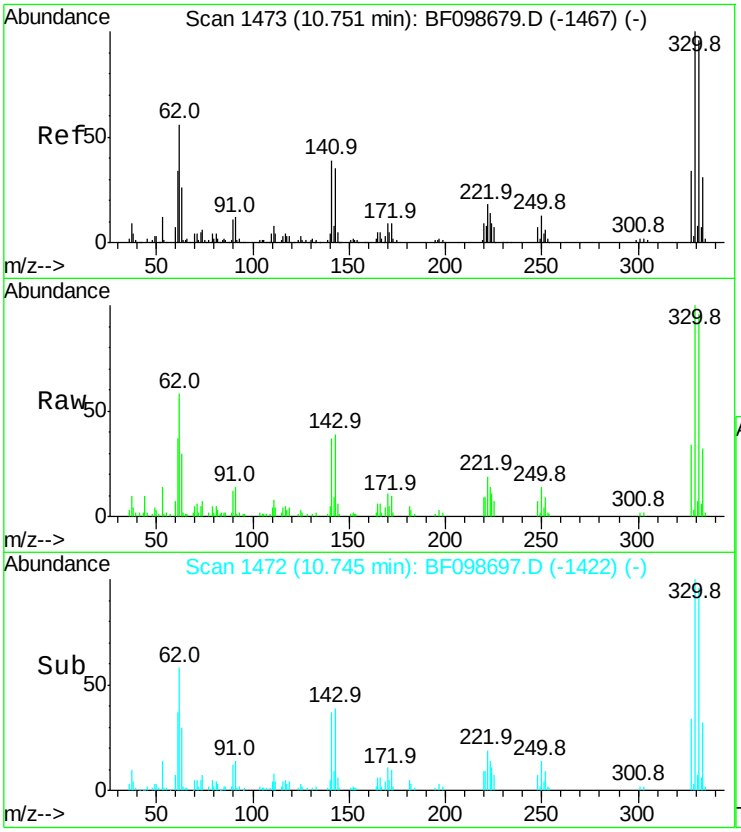


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:164 Resp: 251647

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.5	38.3	57.5



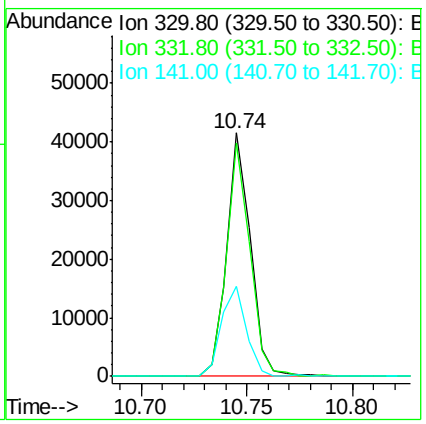


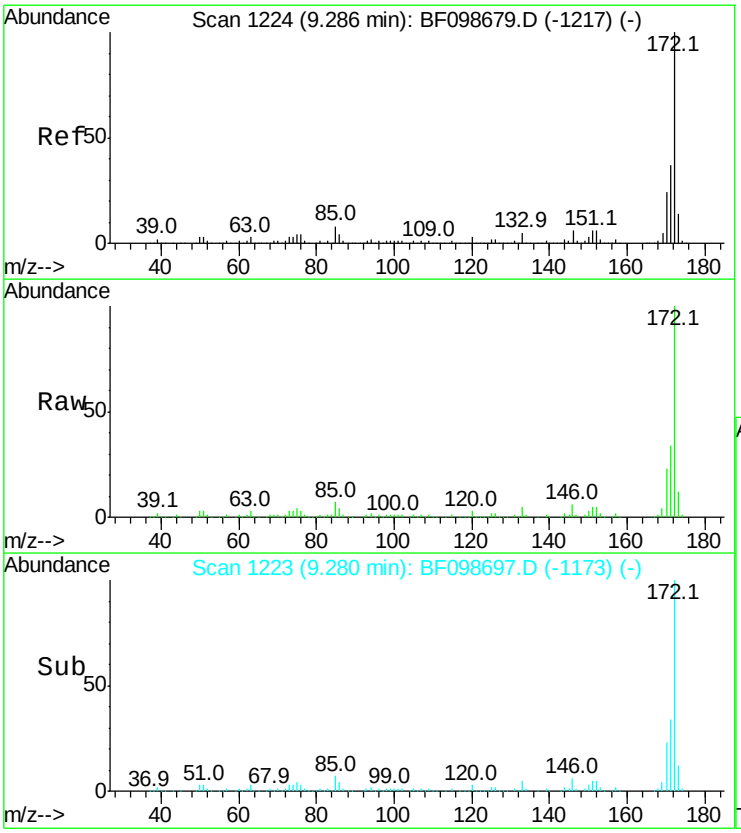
#41
2,4,6-Tribromophenol
Concen: 13.952 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:330 Resp: 32108

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	38.8	29.9	44.9

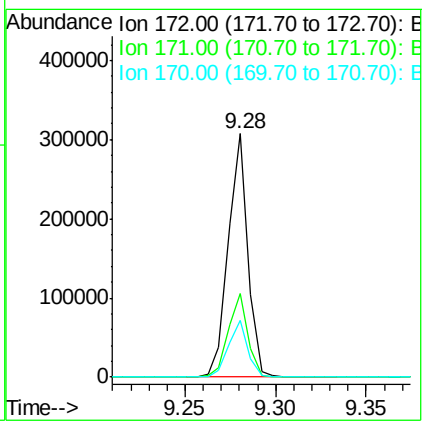


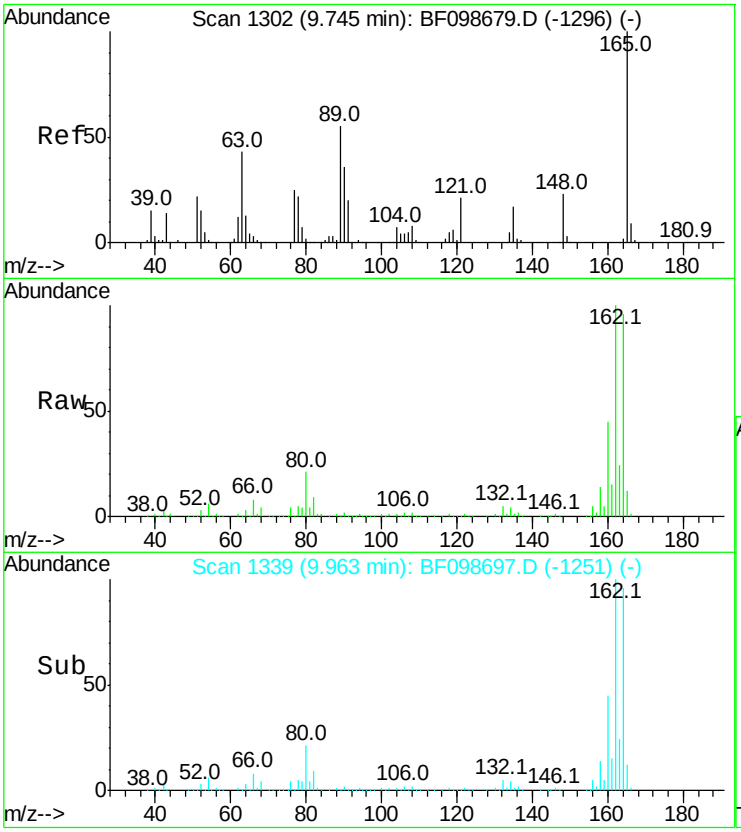


#44
2-Fluorobiphenyl
Concen: 14.692 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:172 Resp: 232342

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.4	19.6	29.4



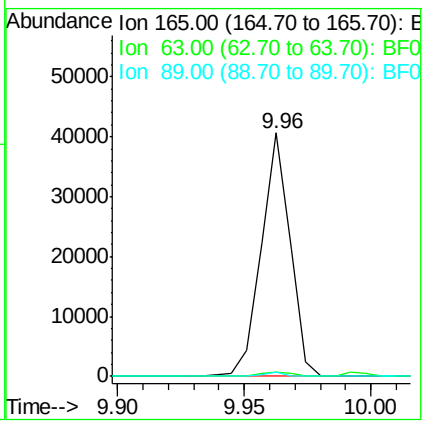


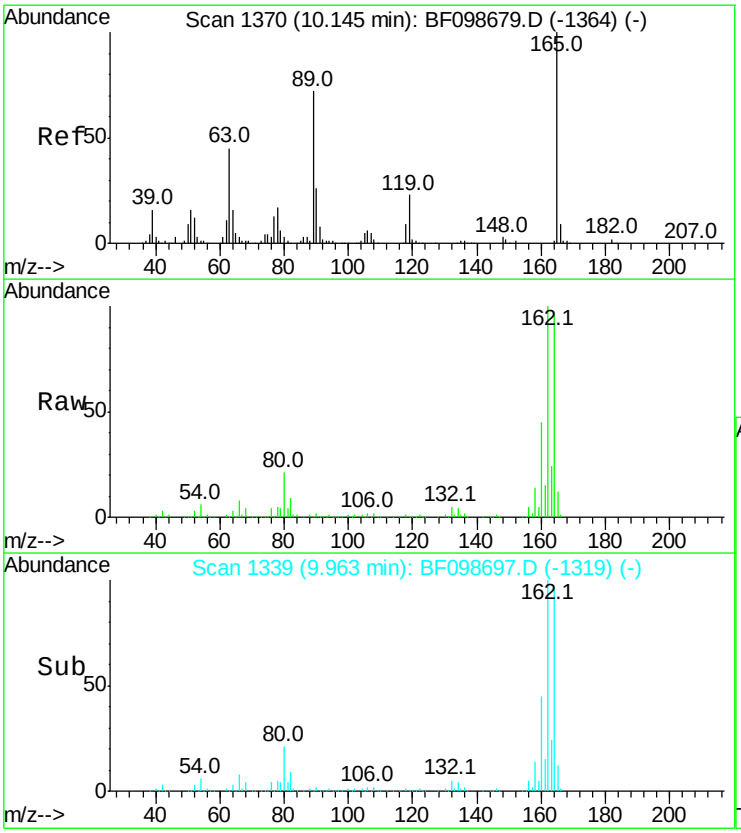
#50
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.22 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:165 Resp: 32384

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#

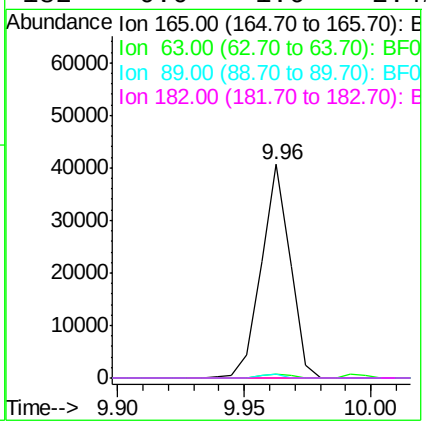


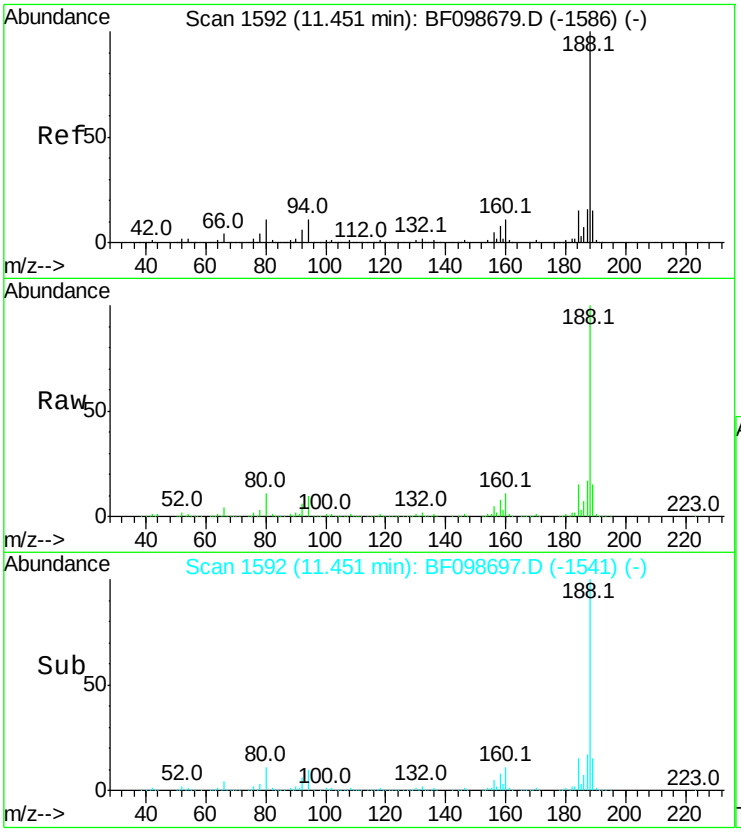


#56
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:165 Resp: 32384

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



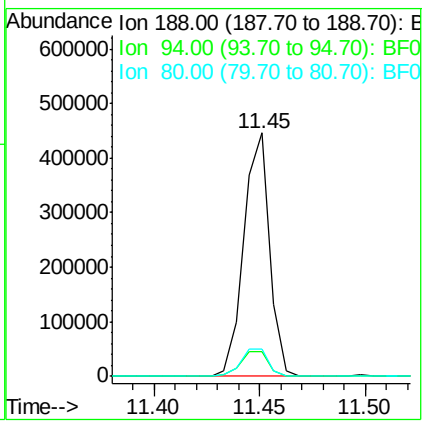


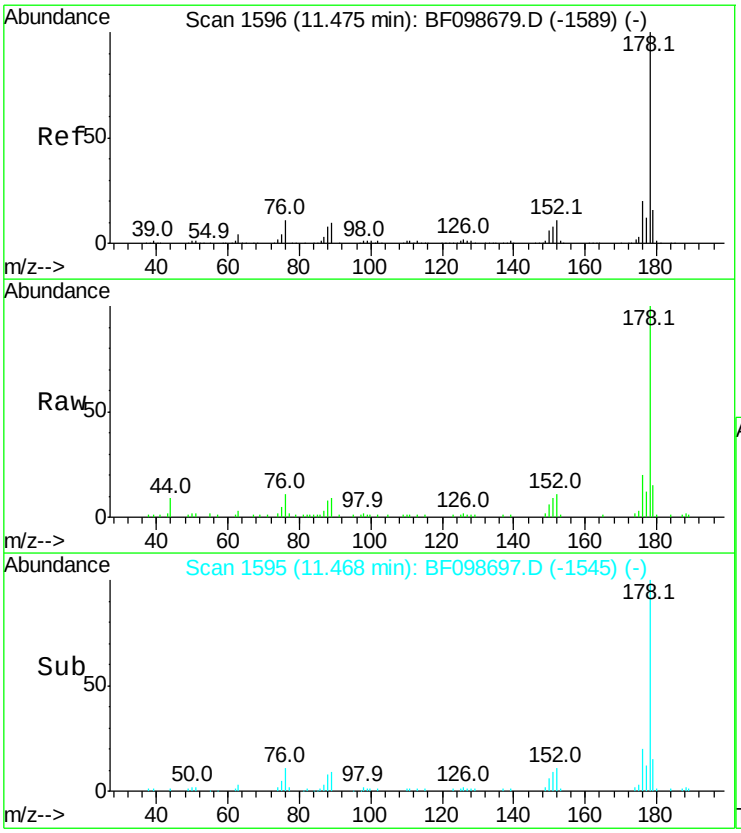
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:188 Resp: 377261

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

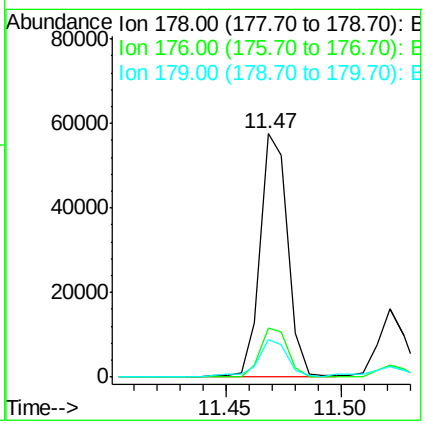


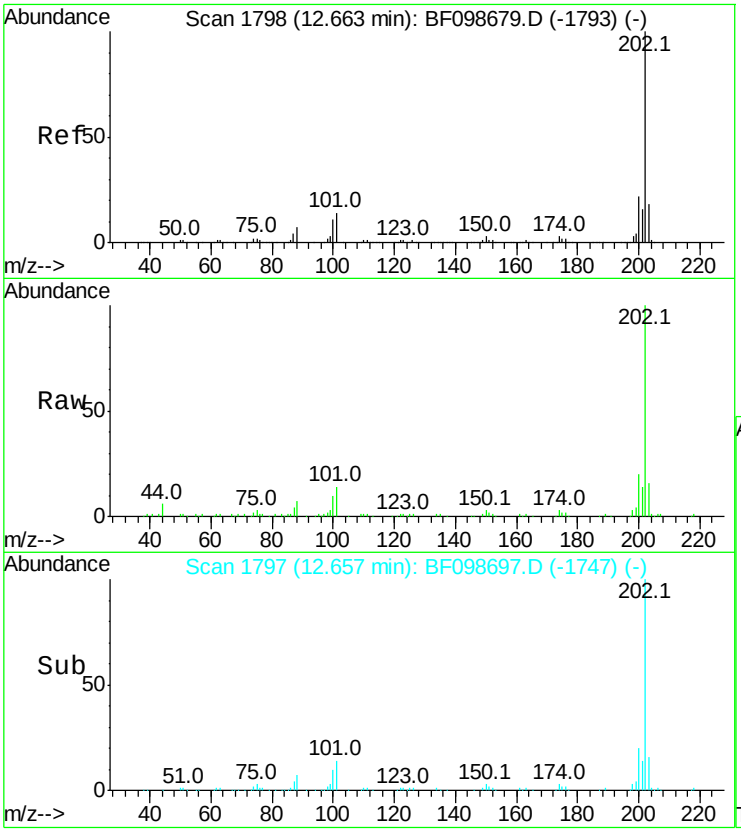


#70
Phenanthrene
Concen: 2.359 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:178 Resp: 48288

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6



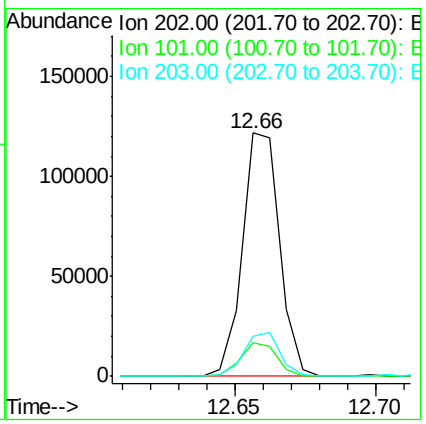


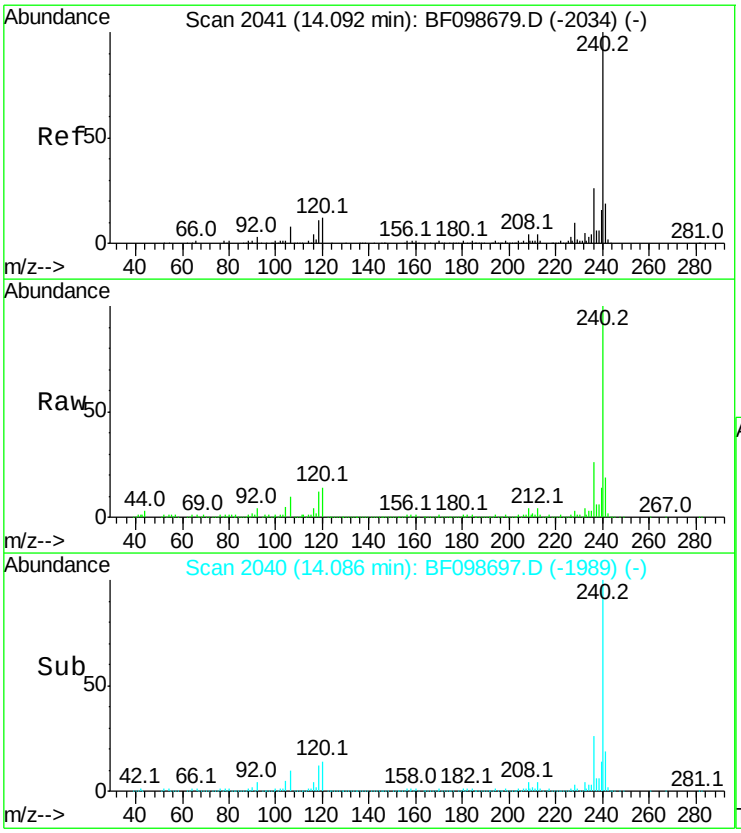
#74
Fluoranthene
Concen: 5.455 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:202 Resp: 111262

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	16.3	0.0	38.1

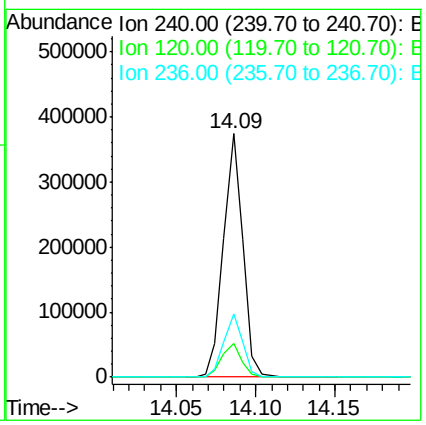


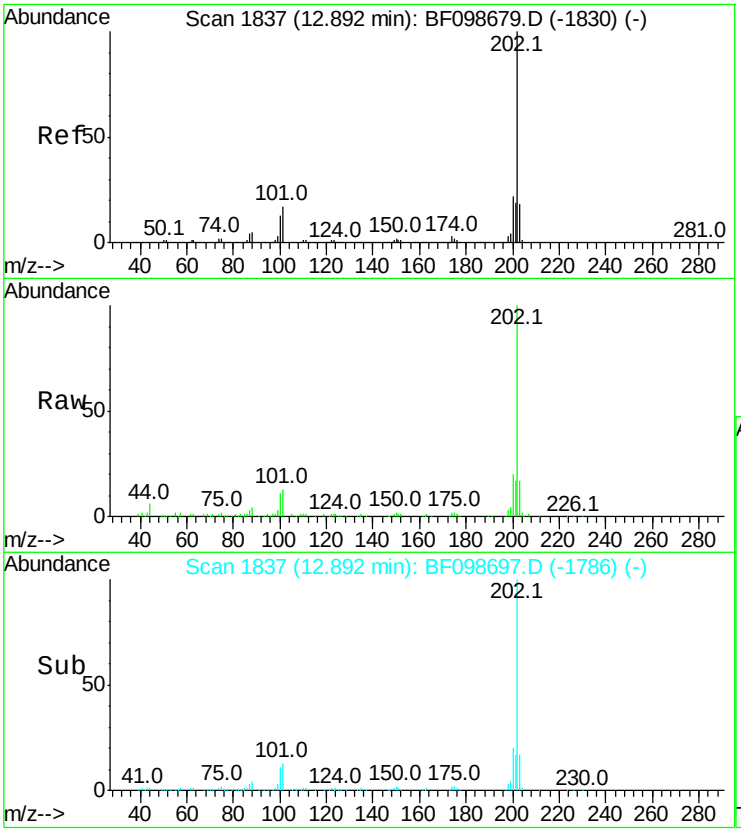


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:240 Resp: 316053

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.8	20.7	31.1



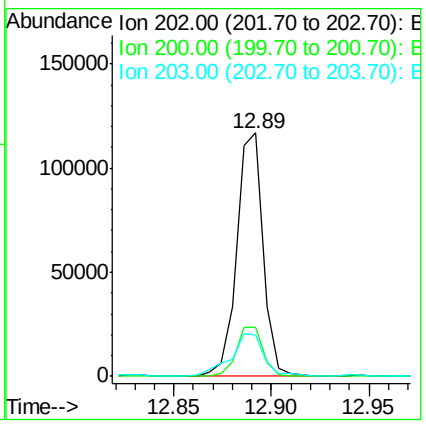


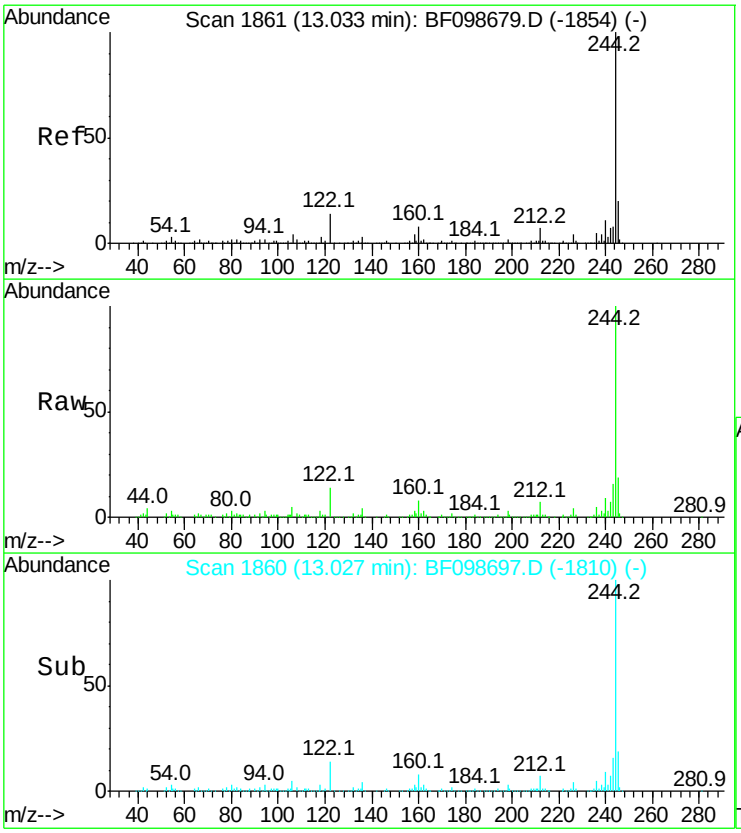
#77
Pyrene
Concen: 4.670 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:202 Resp: 109585

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.1	14.3	21.5

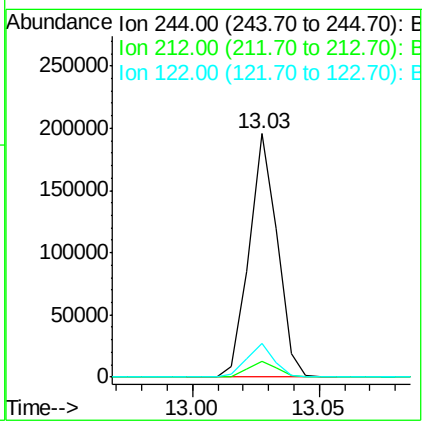


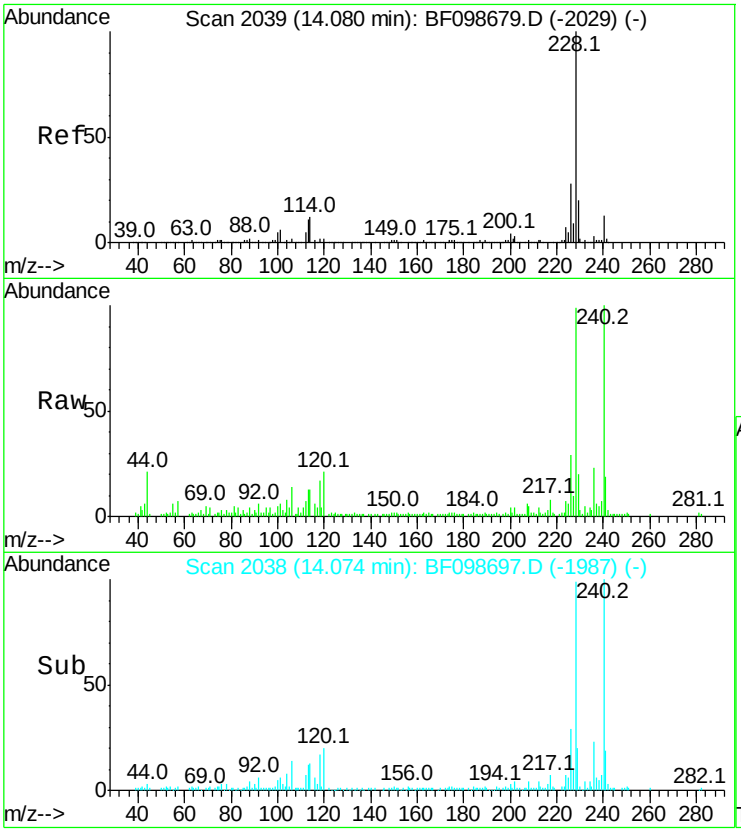


#78
Terphenyl-d14
Concen: 10.302 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:244 Resp: 151631

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	14.0	11.0	16.4



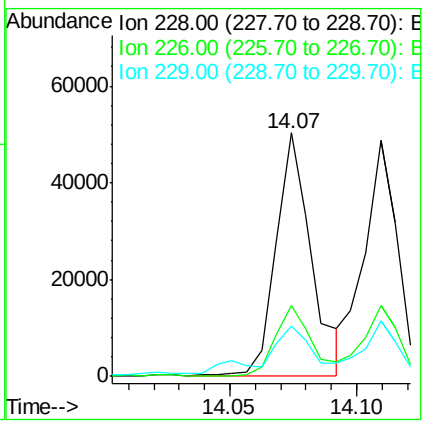


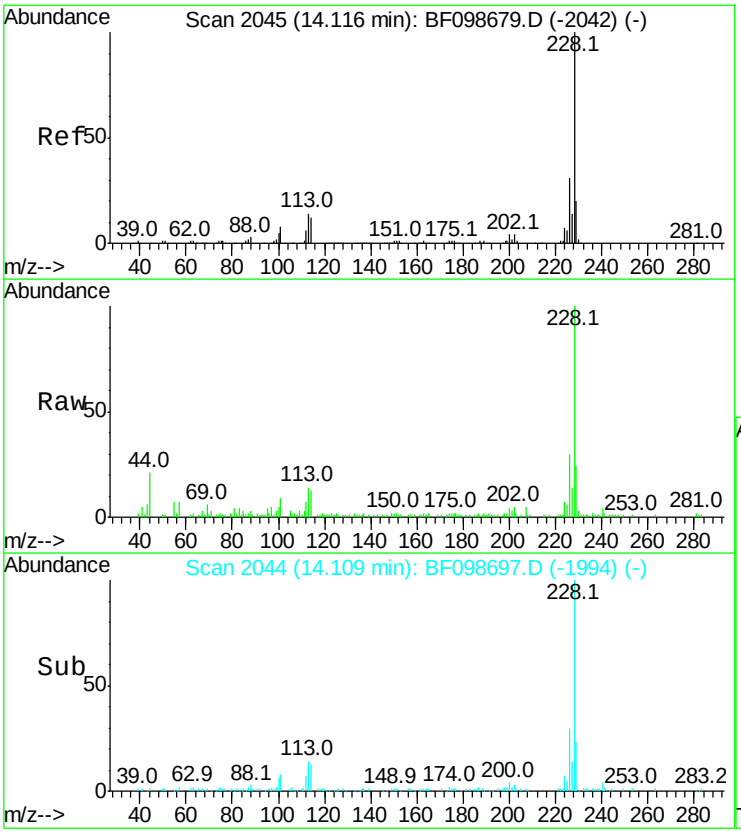
#80
Benzo(a)anthracene
Concen: 2.589 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:228 Resp: 49291

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.4	15.8	23.6

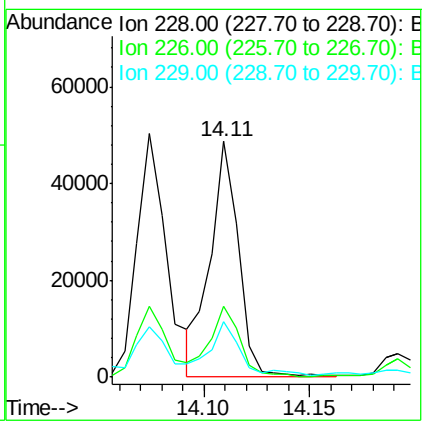


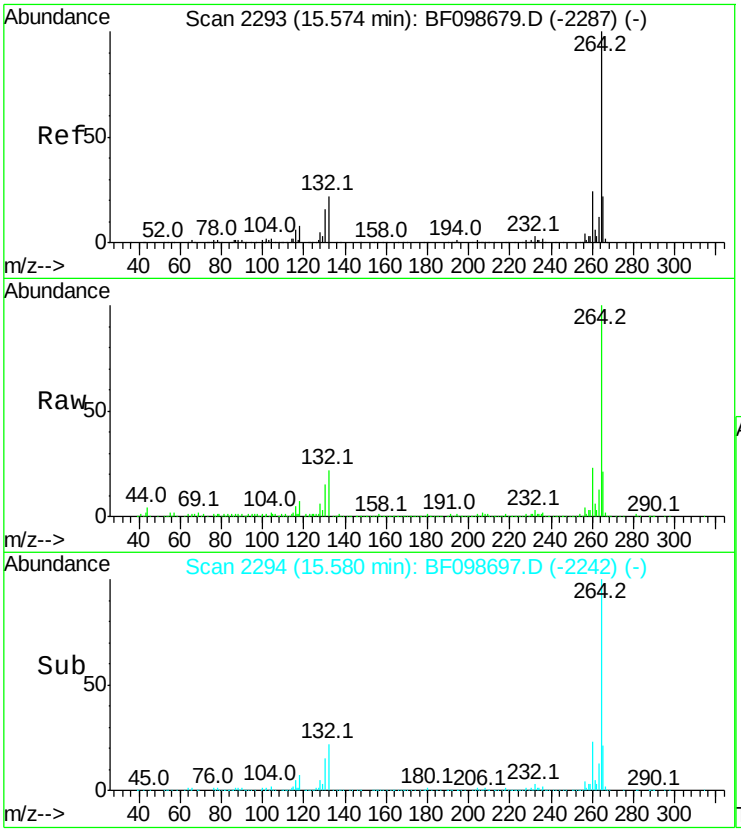


#82
Chrysene
Concen: 2.508 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:228 Resp: 46101

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	23.6	16.2	24.4



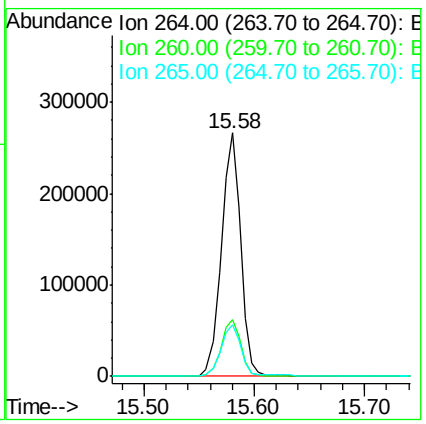


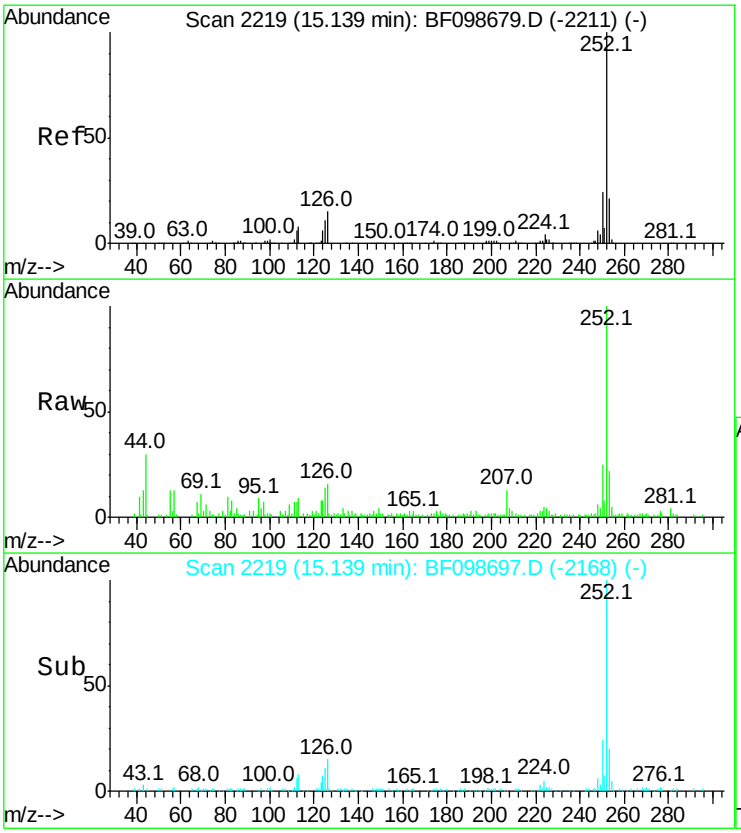
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:264 Resp: 326517

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3

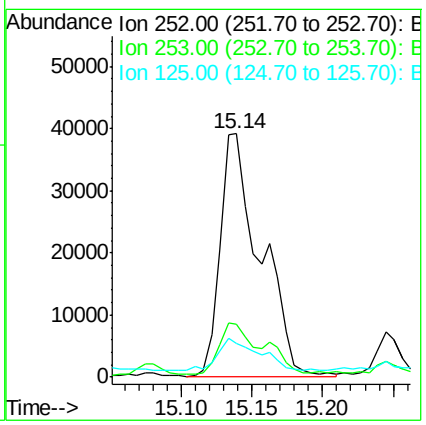


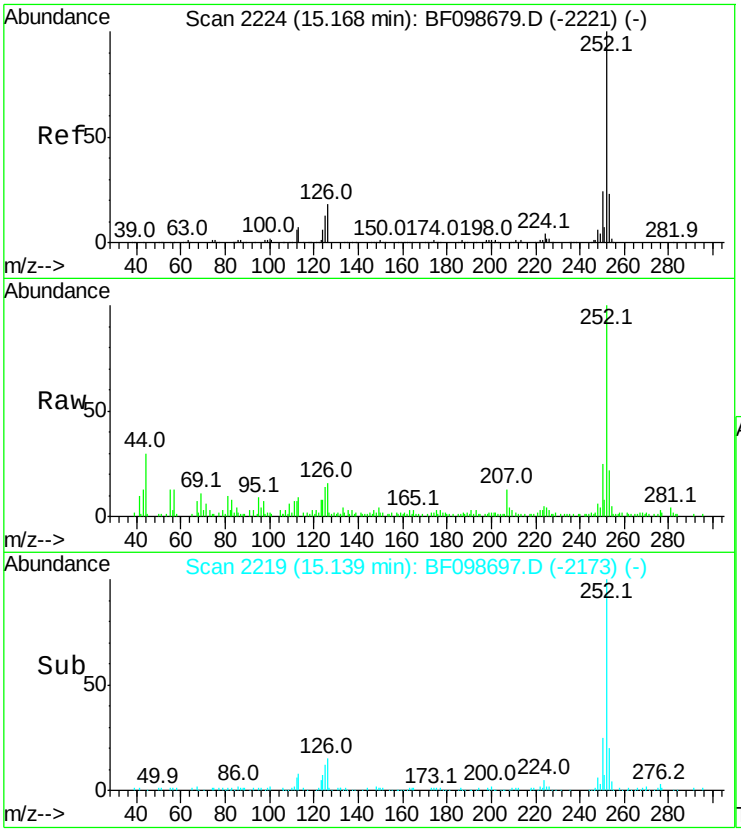


#87
Benzo(b)fluoranthene
Concen: 4.150 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:252 Resp: 78577

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	14.1	9.0	13.6#



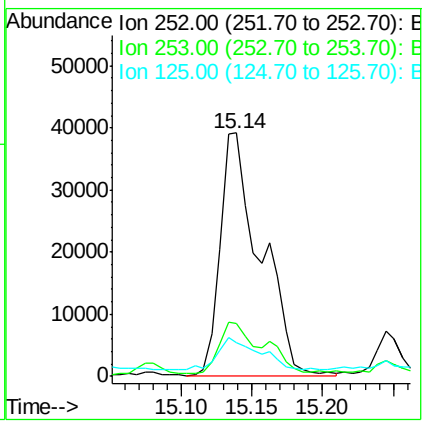


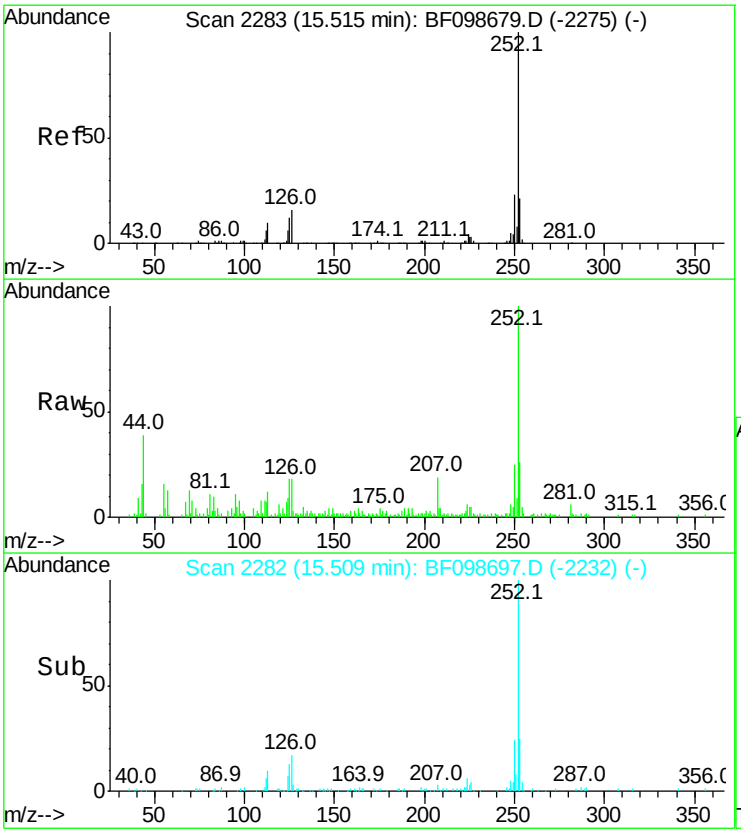
#88
Benzo(k)fluoranthene
Concen: 4.152 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SP-B-R-SIDE-COMP

Tgt Ion:252 Resp: 78577

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	14.1	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.290 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098697.D
Acq: 22 Sep 2017 13:57

Tgt Ion:252 Resp: 39378

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	17.5	9.8	14.6#