Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098715.D
Acq On : 23 Sep 2017 00:06
Operator : SJ/JU
Sample : I5304-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-118-6(0-5)

Quant Time: Sep 23 01:33:03 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 10:38:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	167911	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	683345	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	284316	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	404494	20.00	ng		0.00
75) Chrysene-d12	14.09	240	358301	20.00	ng		0.00
86) Perylene-d12	15.59	264	317556	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	233768	21.14	ng		0.00
7) Phenol-d6	6.53	99	283288	21.16	ng		-0.01
23) Nitrobenzene-d5	7.48	82	163145	16.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	46286	17.80	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	301705	16.89	ng		0.00
78) Terphenyl-d14	13.03	244	202559	12.14	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.48	70	20864	2.52	ng	#	81
25) Isophorone	7.48	82	162832	7.41	ng	#	64
50) 2,6-Dinitrotoluene	9.96	165	35677	8.48	ng	#	25
56) 2,4-Dinitrotoluene	9.96	165	35677	6.31	ng	#	23
70) Phenanthrene	11.47	178	48957	2.23	ng		97
74) Fluoranthene	12.66	202	158414	7.24	ng		97
77) Pyrene	12.89	202	142138	5.34	ng		98
80) Benzo(a)anthracene	14.08	228	63228	2.93	ng		99
82) Chrysene	14.12	228	57583	2.76	ng		98
87) Benzo(b)fluoranthene	15.14	252	66012	3.58	ng	#	95
88) Benzo(k)fluoranthene	15.14	252	66012	3.59	ng		98

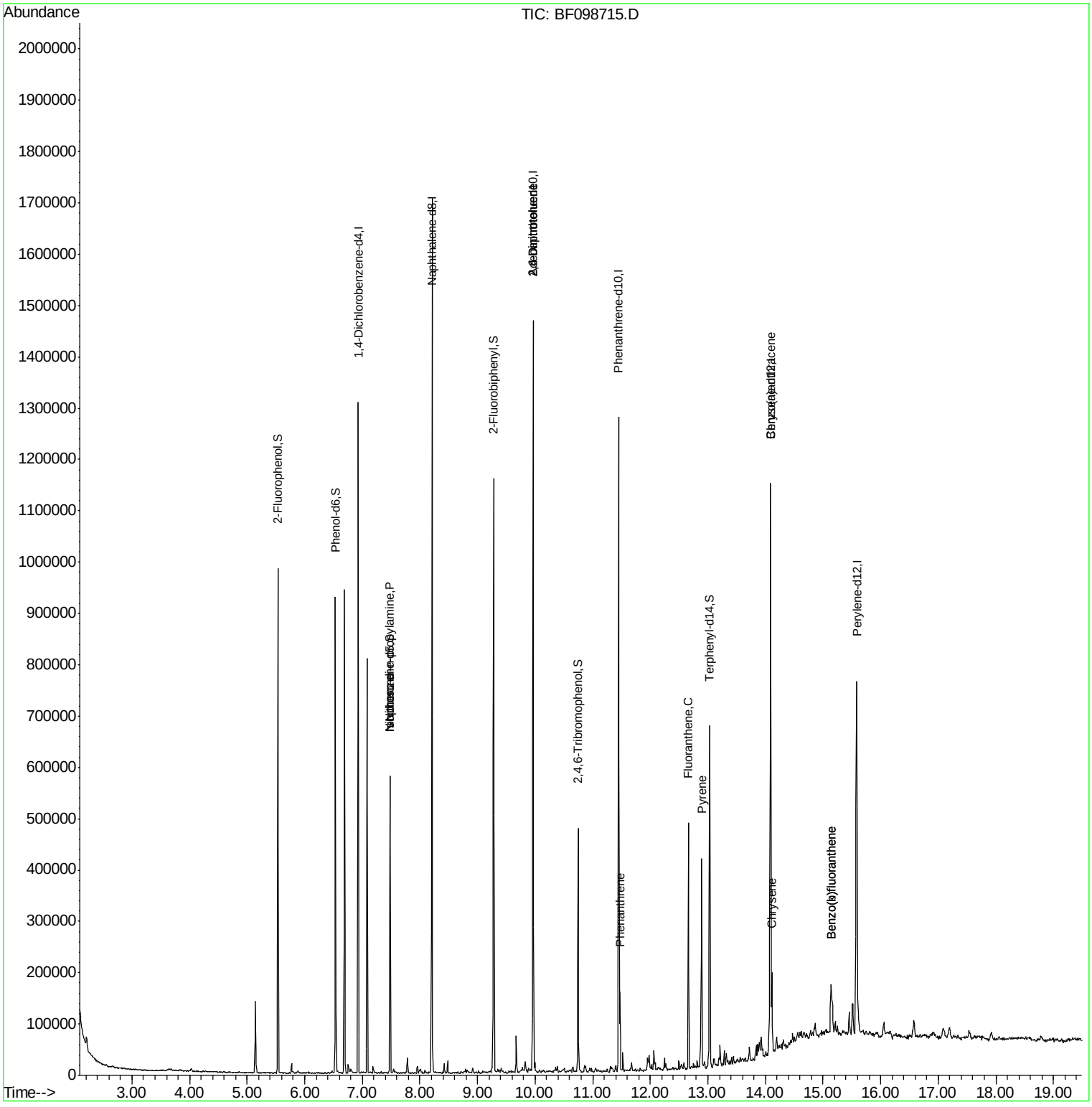
(#) = qualifier out of range (m) = manual integration (+) = signals summed

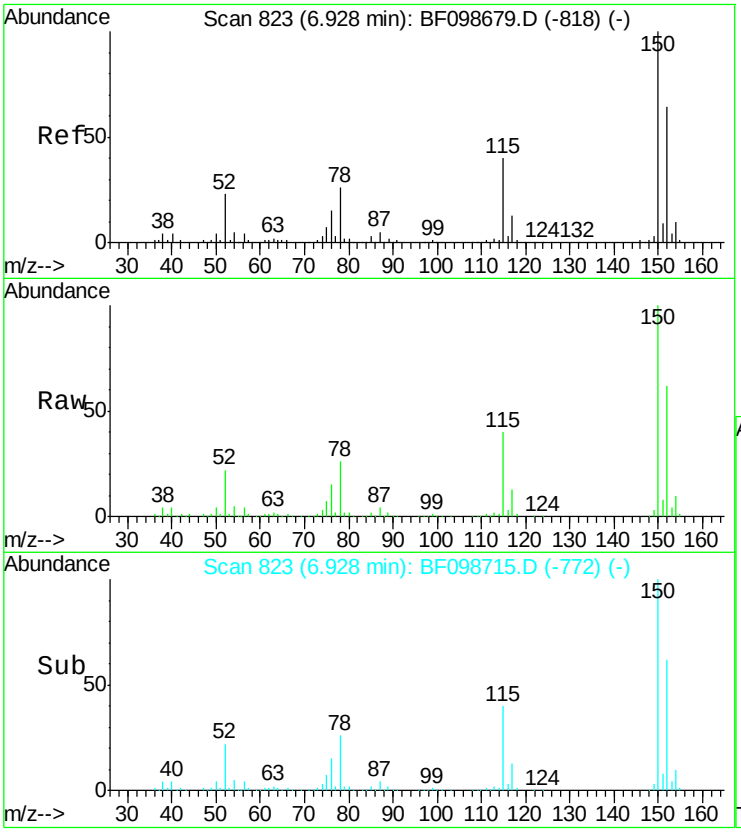
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098715.D
Acq On : 23 Sep 2017 00:06
Operator : SJ/JU
Sample : I5304-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Quant Time: Sep 23 01:33:03 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 10:38:37 2017
Response via : Initial Calibration



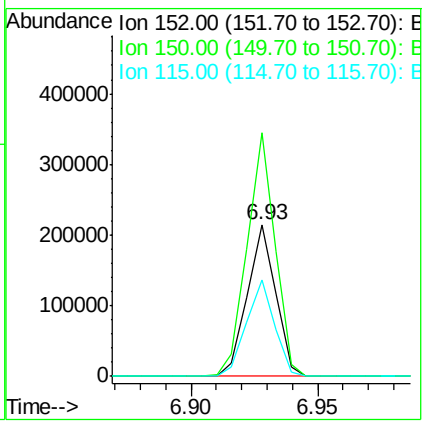


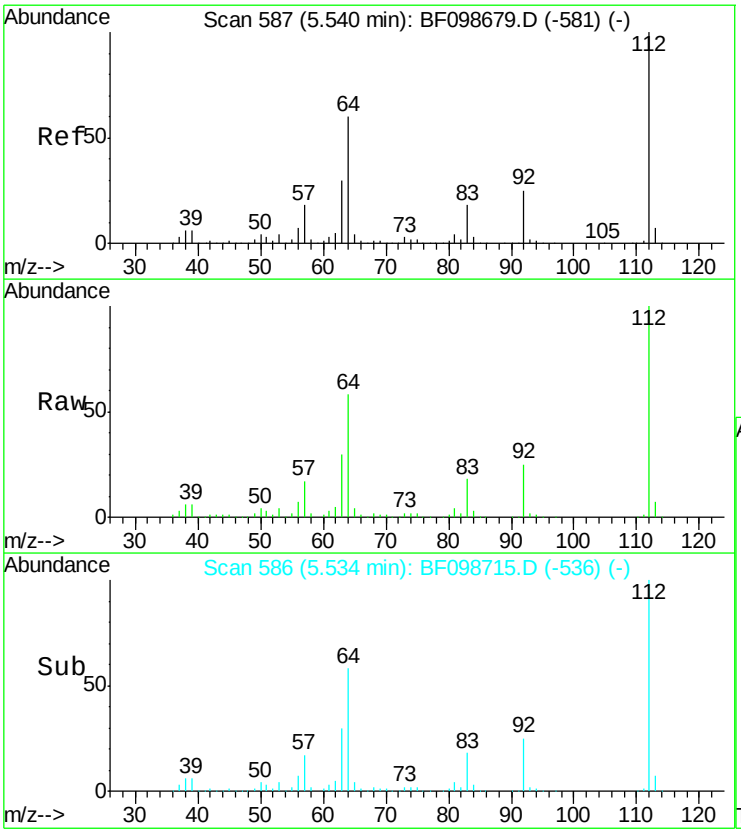
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:152 Resp: 167911

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	63.4	50.1	75.1

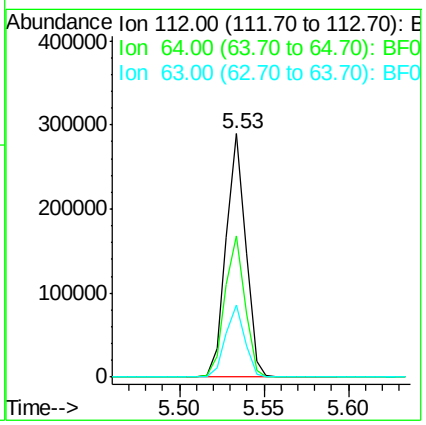


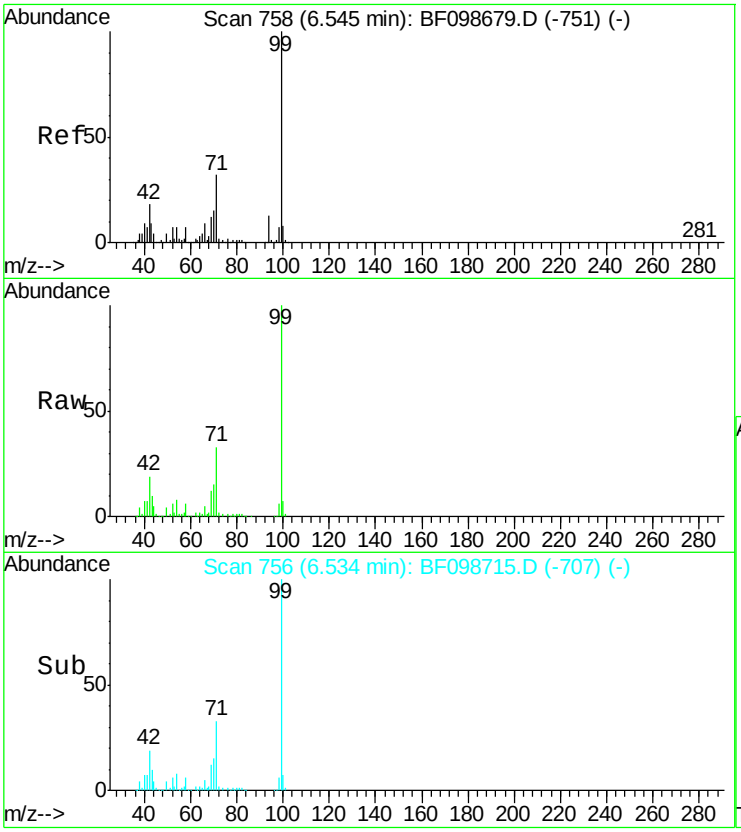


#5
2-Fluorophenol
Concen: 21.14 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:112 Resp: 233768

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.5	23.7	35.5



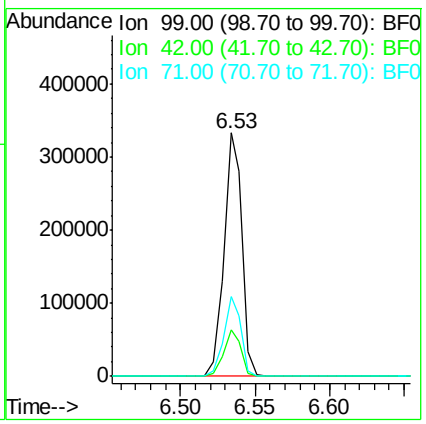


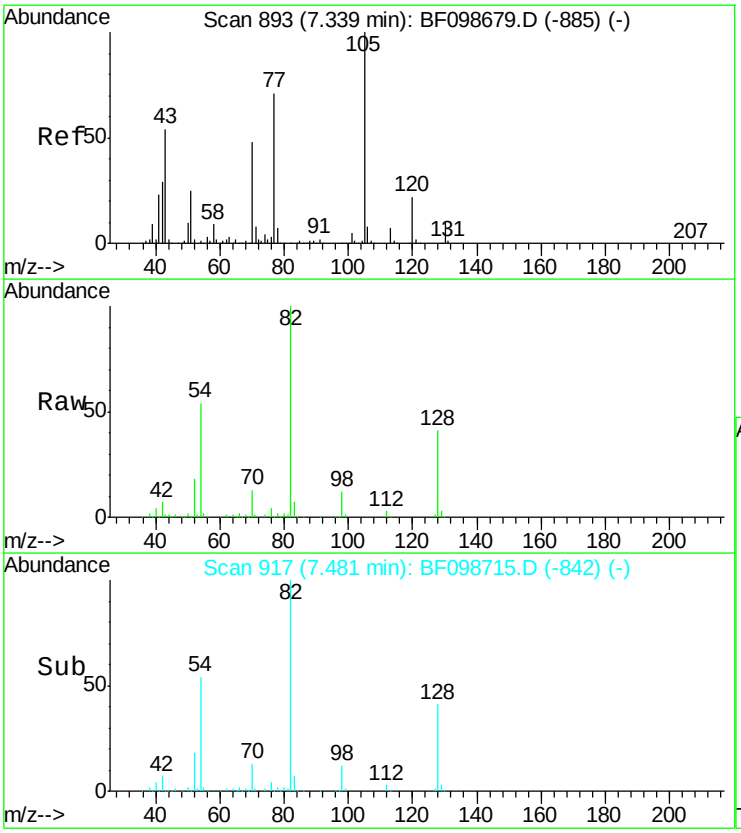
#7
Phenol-d6
Concen: 21.16 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion: 99 Resp: 283288

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.6	25.4	38.0

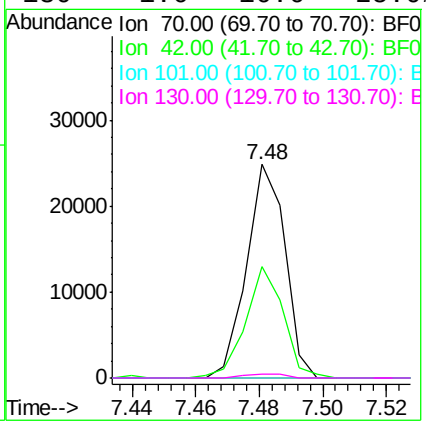


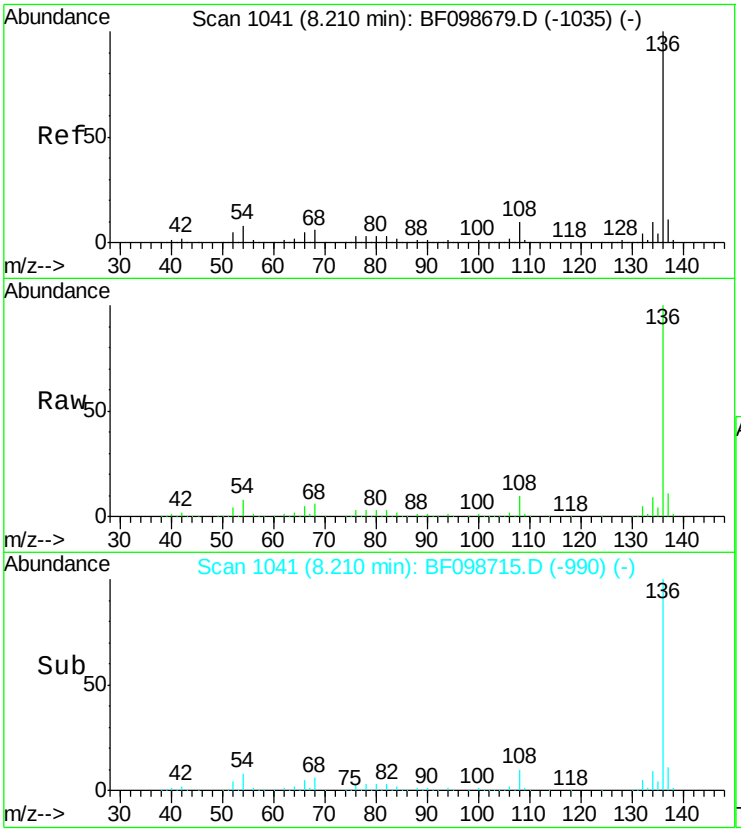


#19
n-Nitroso-di-n-propylamine
Concen: 2.52 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion: 70 Resp: 20864

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



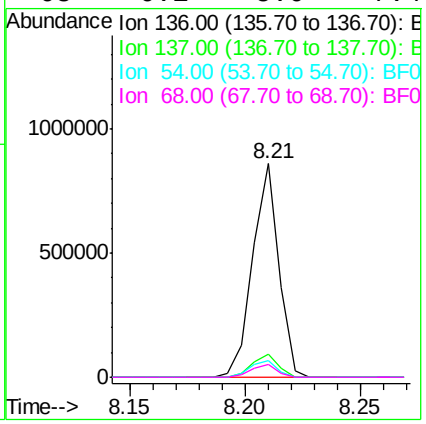


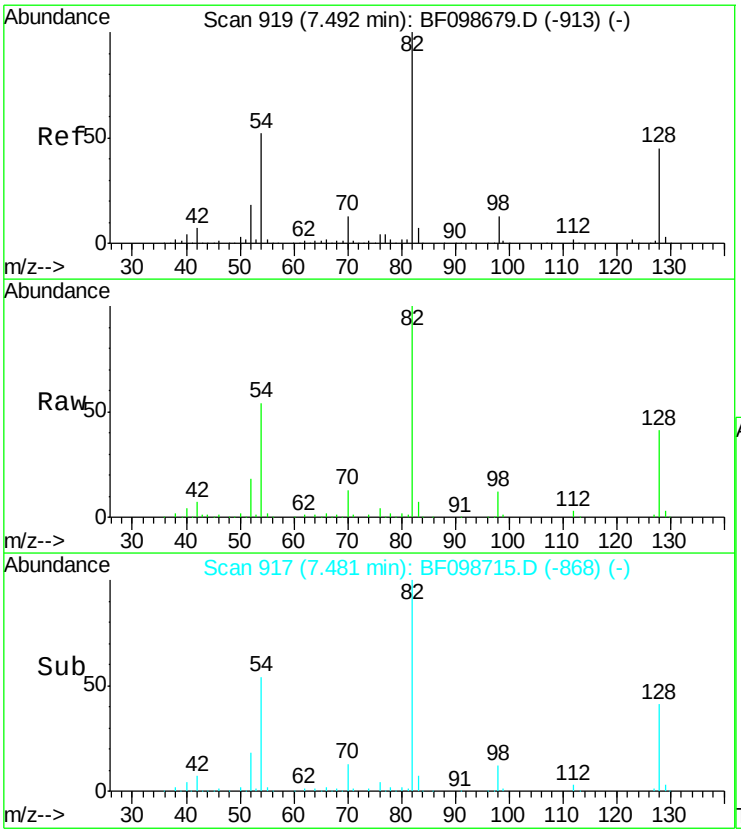
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:136 Resp: 683345

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4

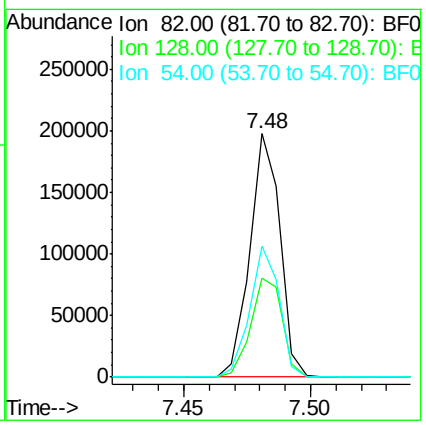


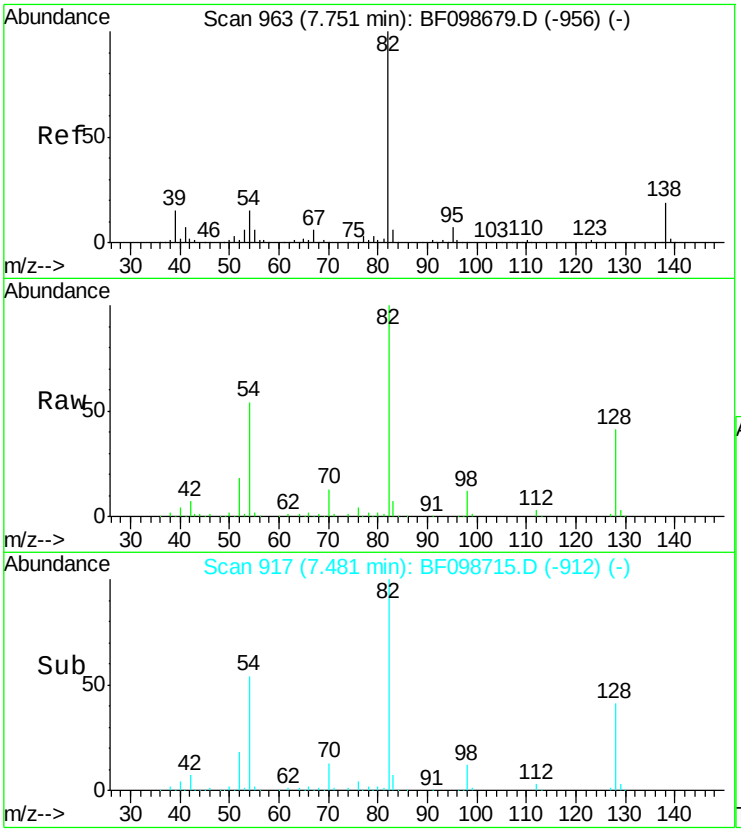


#23
Nitrobenzene-d5
Concen: 16.19 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion: 82 Resp: 163145

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	53.7	41.4	62.2



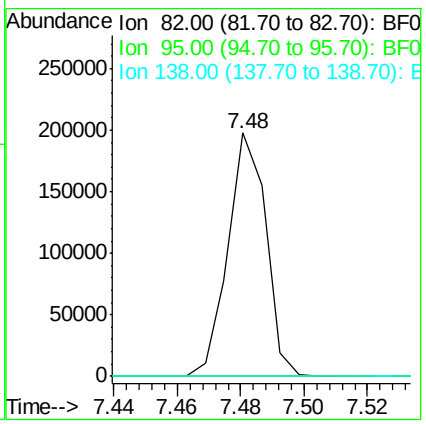


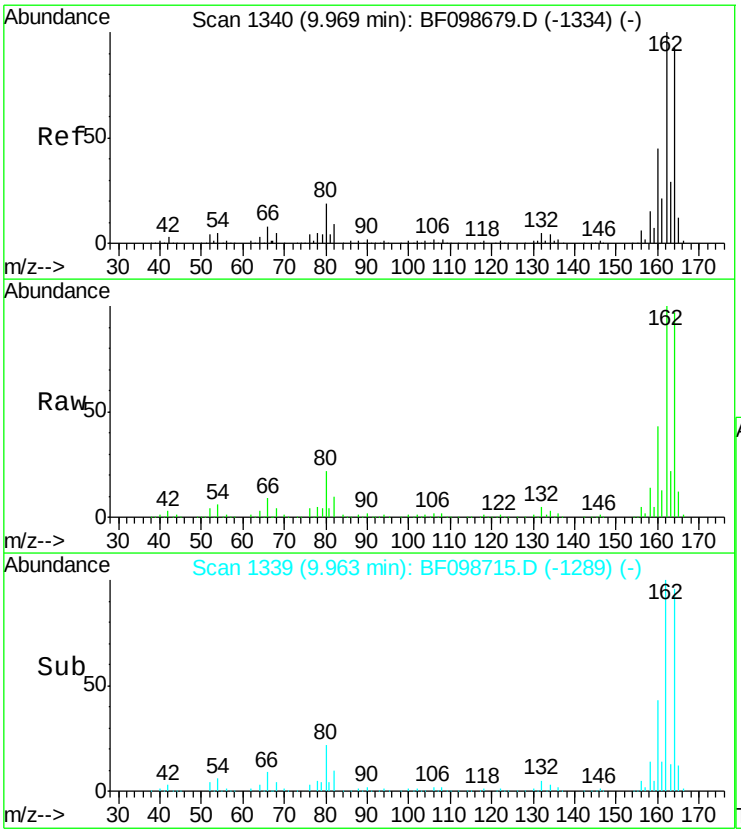
#25
Isophorone
Concen: 7.41 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion: 82 Resp: 162832

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

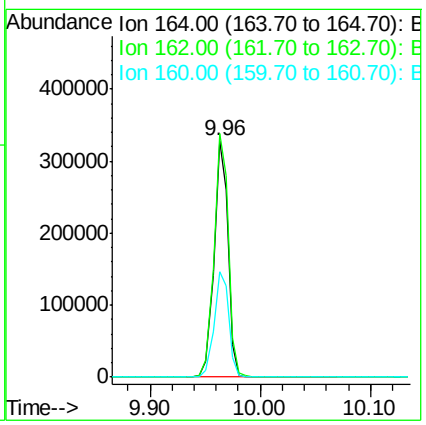


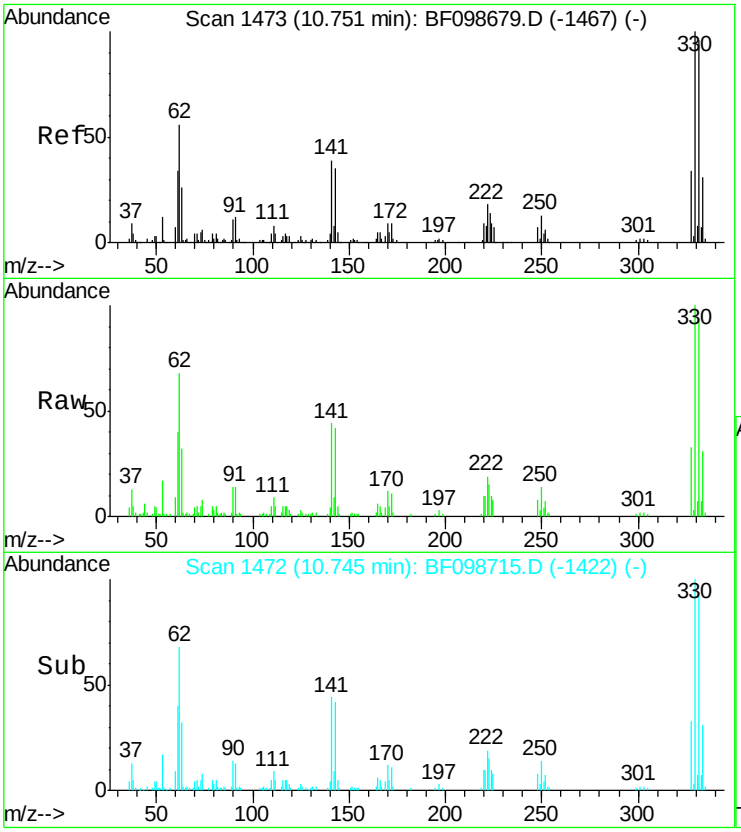


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:164 Resp: 284316

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.3	38.3	57.5



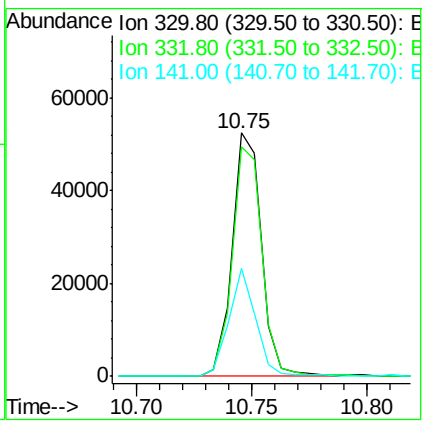


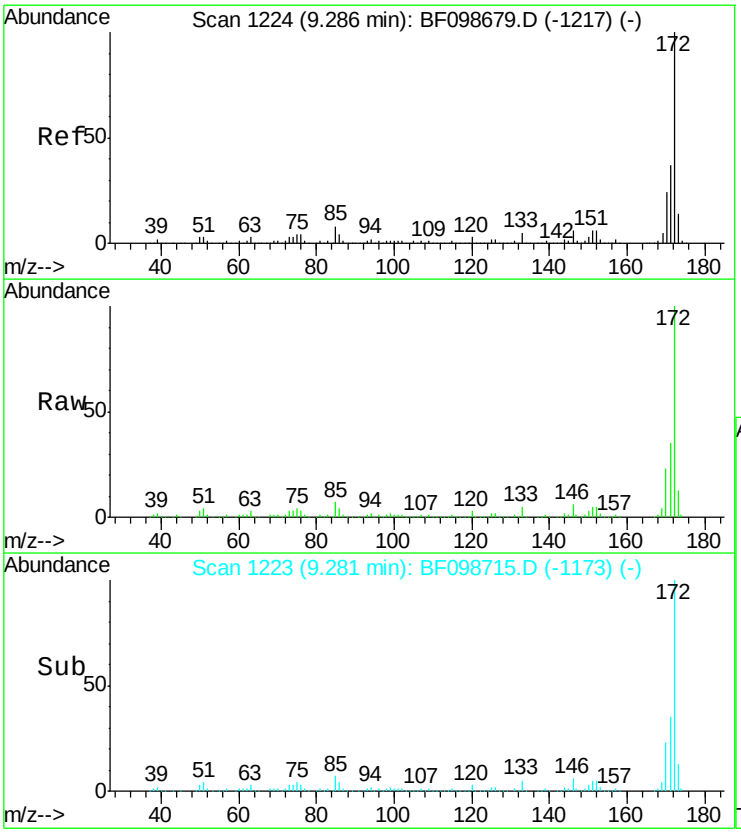
#41
2,4,6-Tribromophenol
Concen: 17.80 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:330 Resp: 46286

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	41.0	29.9	44.9

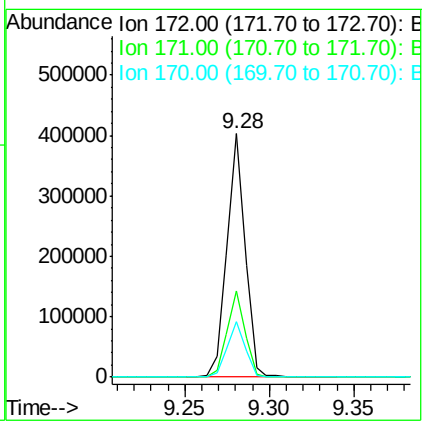


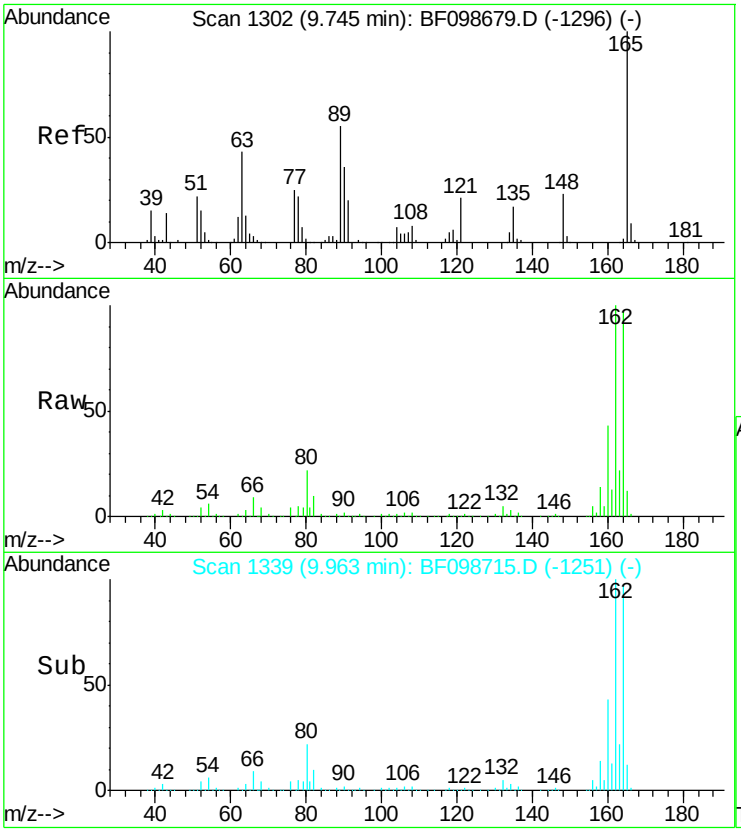


#44
2-Fluorobiphenyl
Concen: 16.89 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:172 Resp: 301705

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.8	19.6	29.4



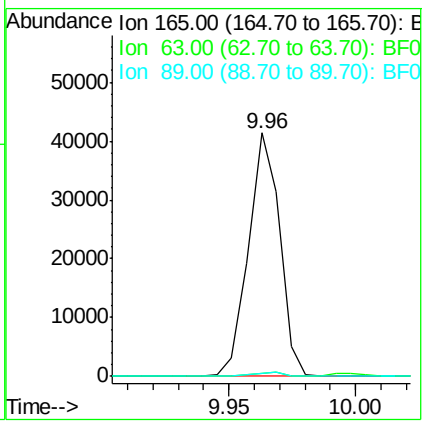


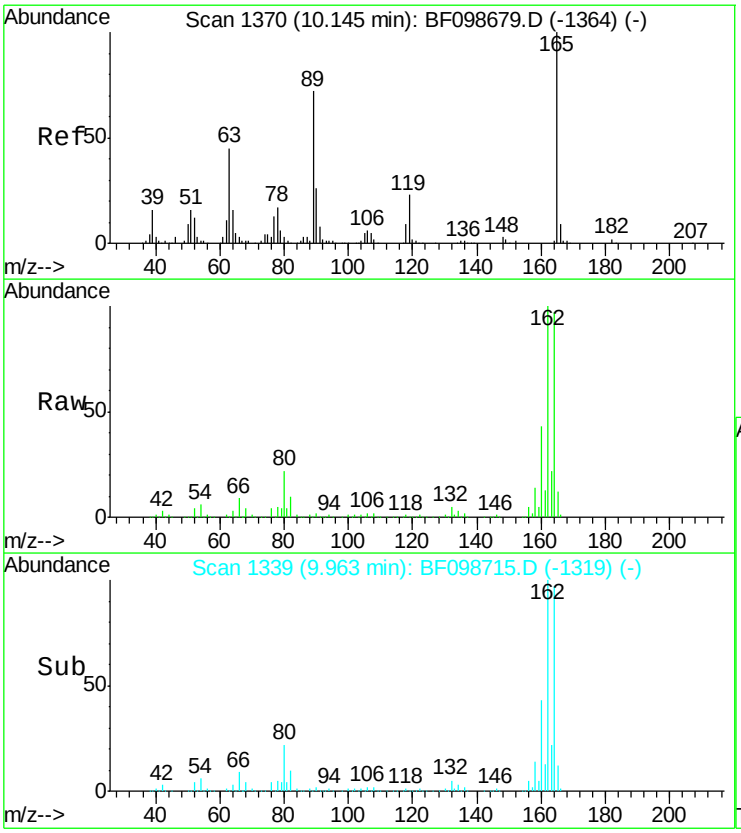
#50
2,6-Dinitrotoluene
Concen: 8.48 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.22 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:165 Resp: 35677

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#

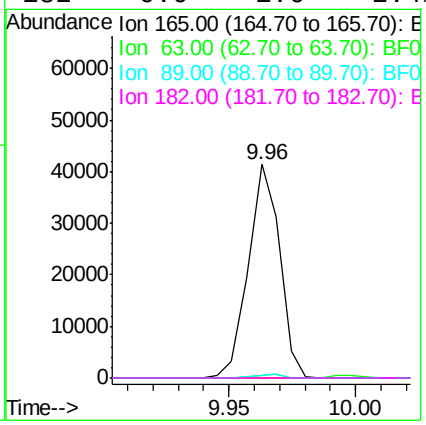


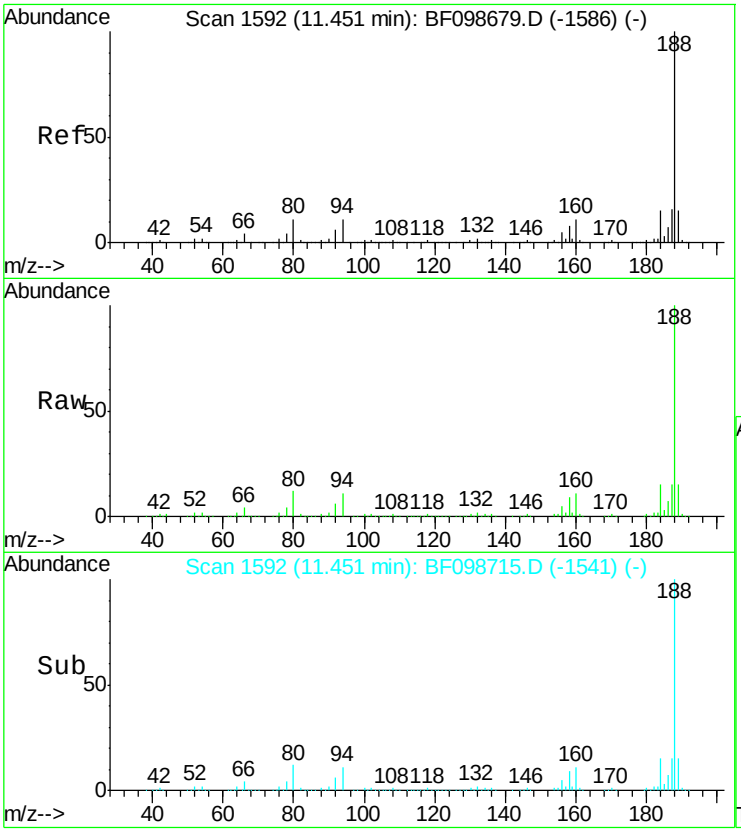


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:165 Resp: 35677

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



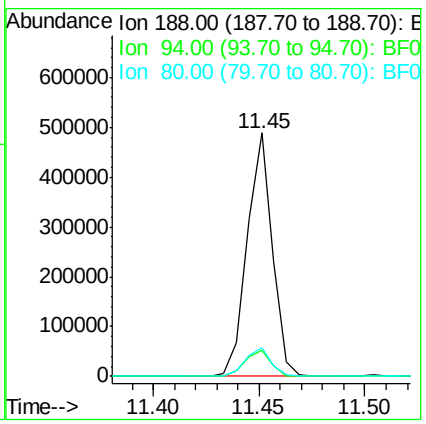


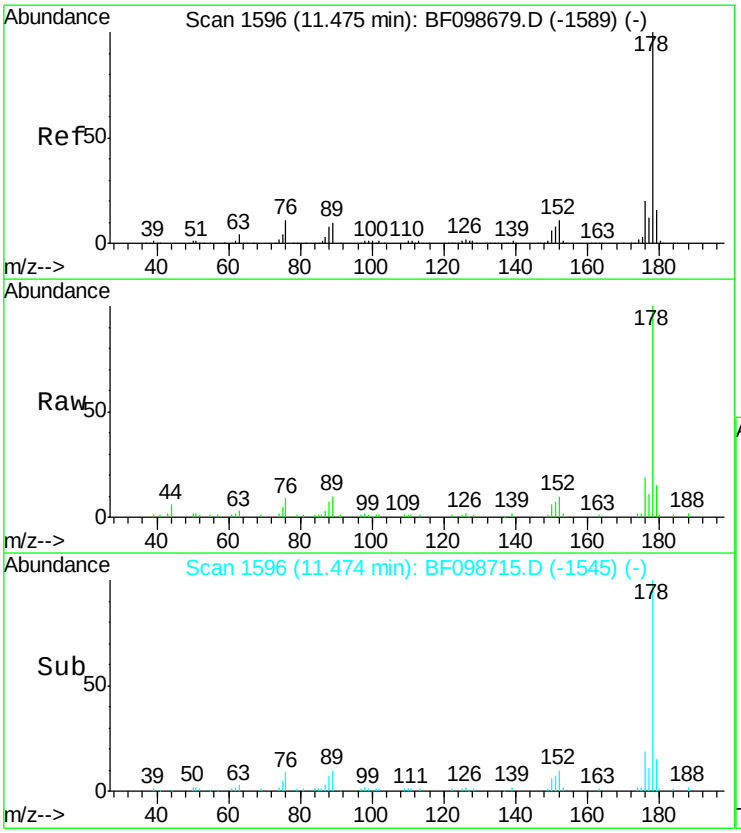
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:188 Resp: 404494

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8

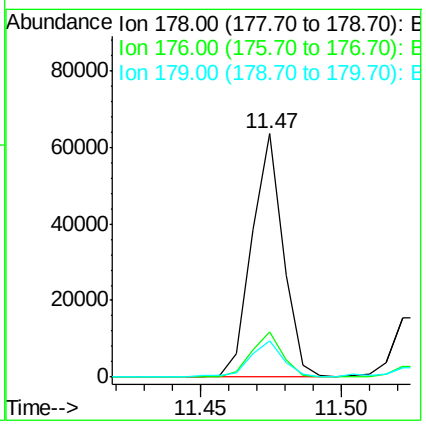


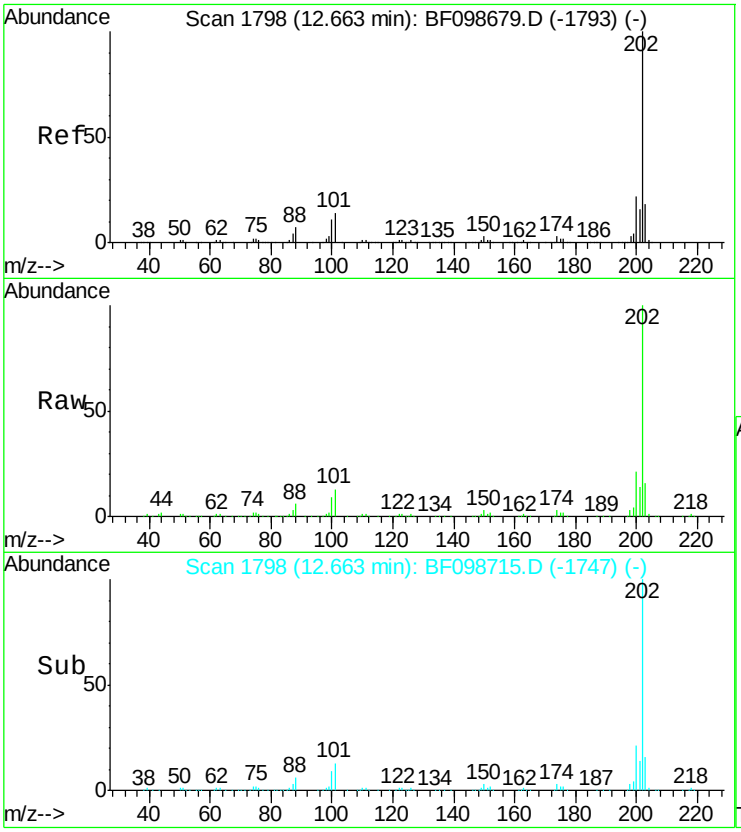


#70
Phenanthrene
Concen: 2.23 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:178 Resp: 48957

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.8	13.0	19.6



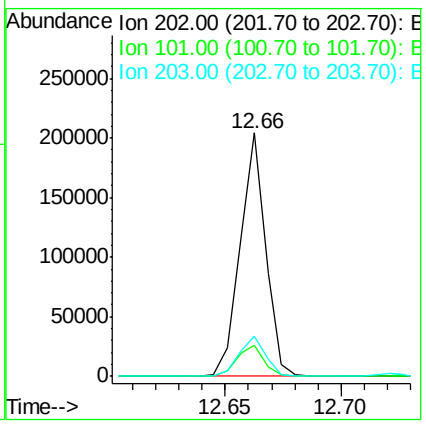


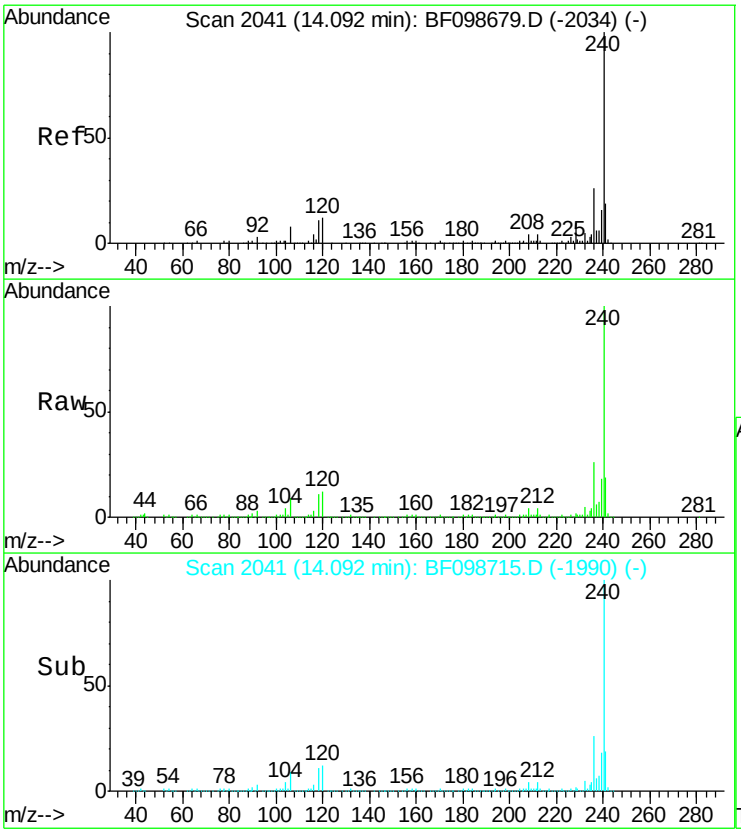
#74
Fluoranthene
Concen: 7.24 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:202 Resp: 158414

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	16.4	0.0	38.1

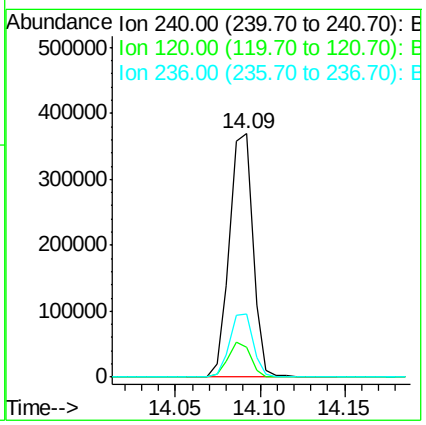


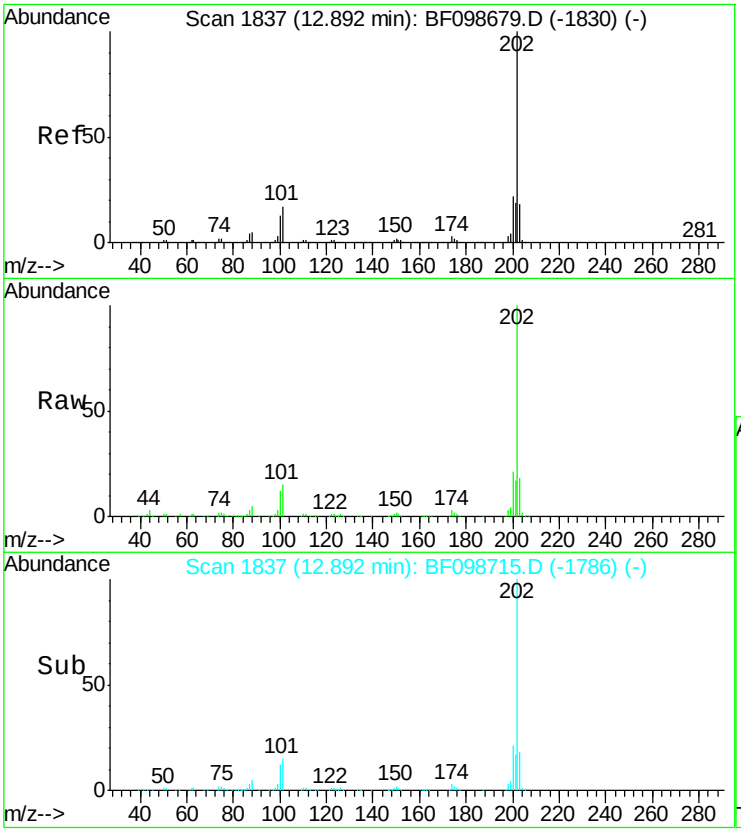


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:240 Resp: 358301

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.8	20.7	31.1



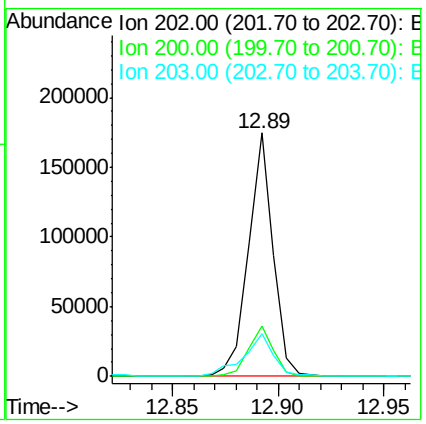


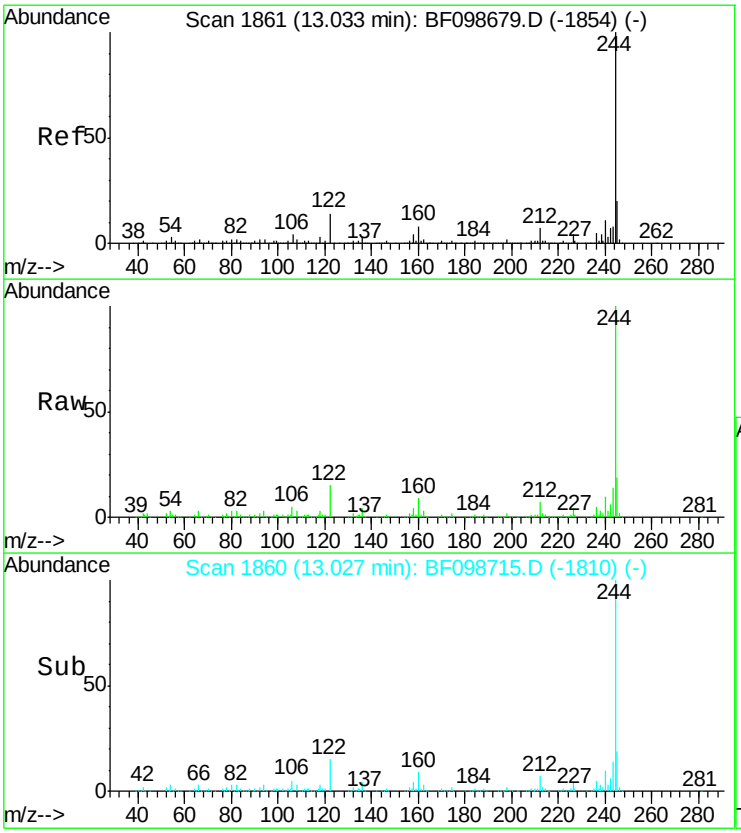
#77
Pyrene
Concen: 5.34 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:202 Resp: 142138

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5

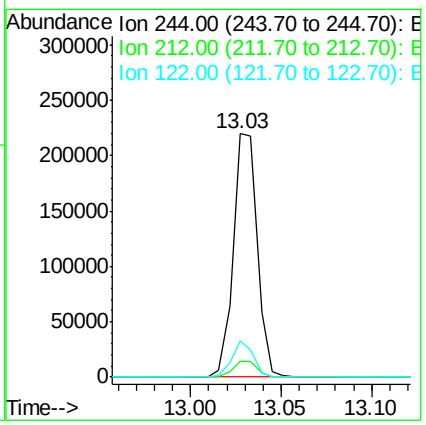


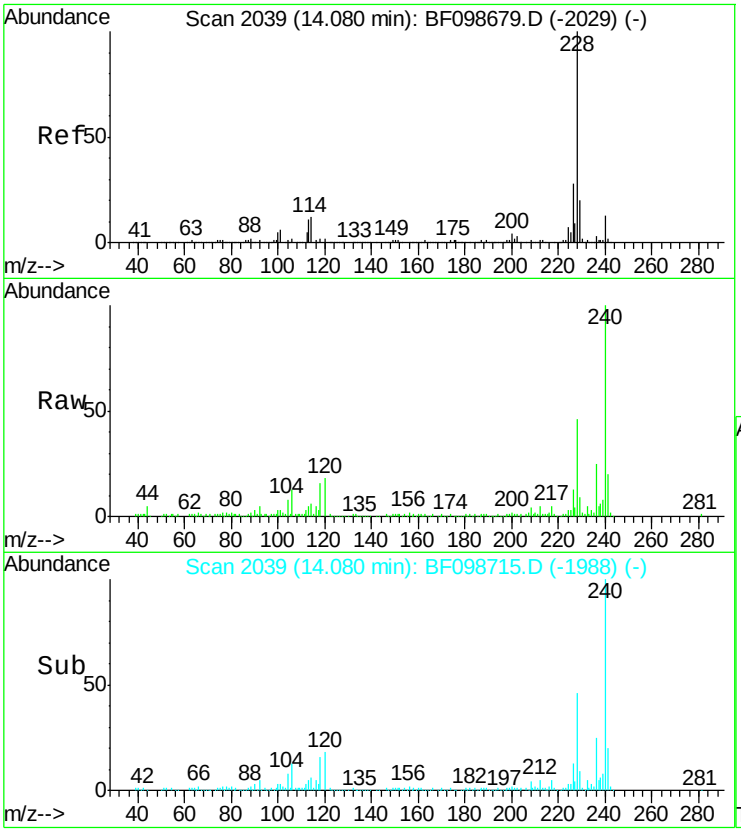


#78
Terphenyl-d14
Concen: 12.14 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:244 Resp: 202559

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.7	11.0	16.4



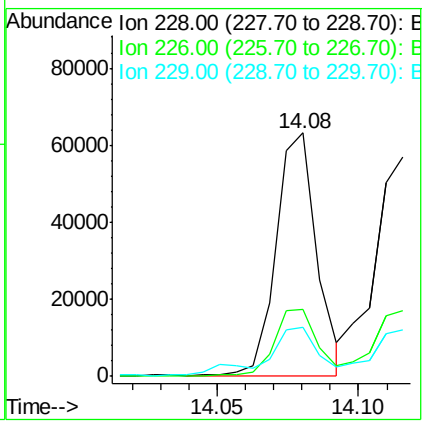


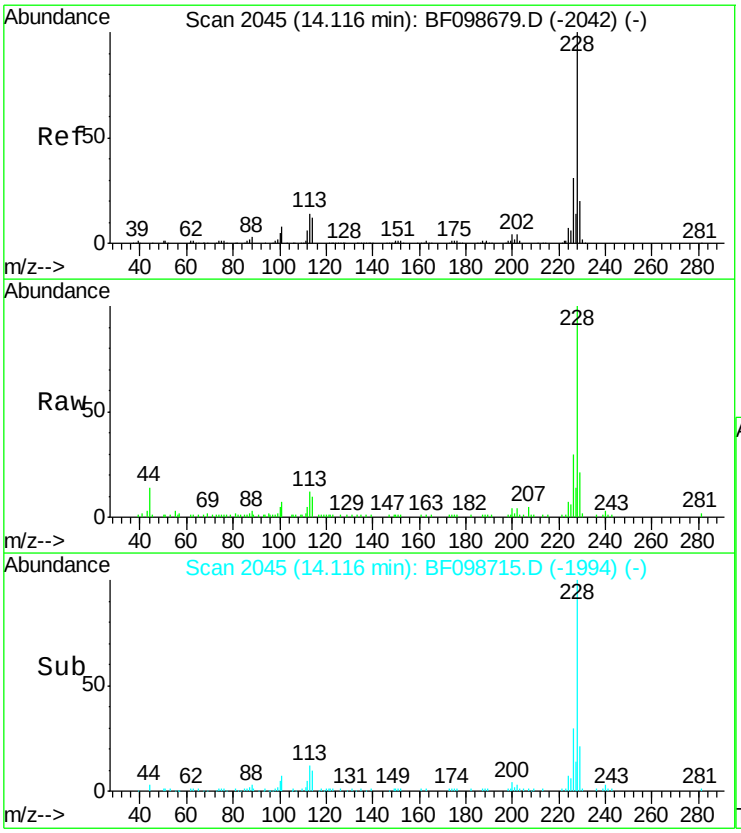
#80
Benzo(a)anthracene
Concen: 2.93 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:228 Resp: 63228

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.8	23.6

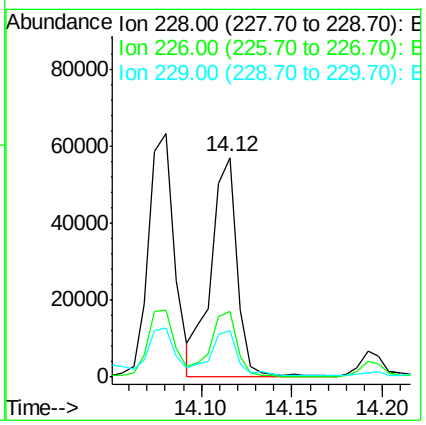


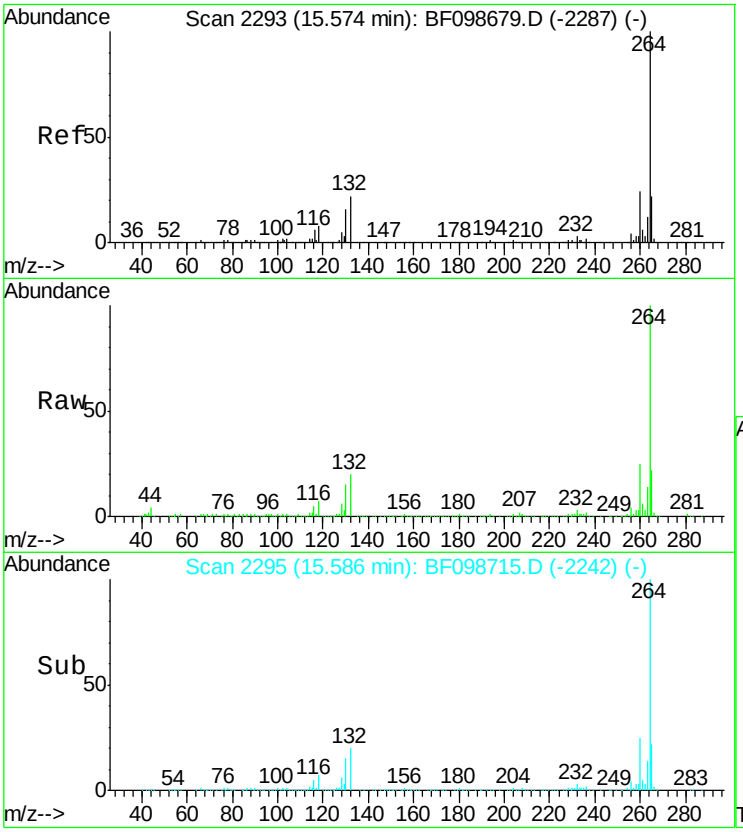


#82
Chrysene
Concen: 2.76 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:228 Resp: 57583

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.4	16.2	24.4



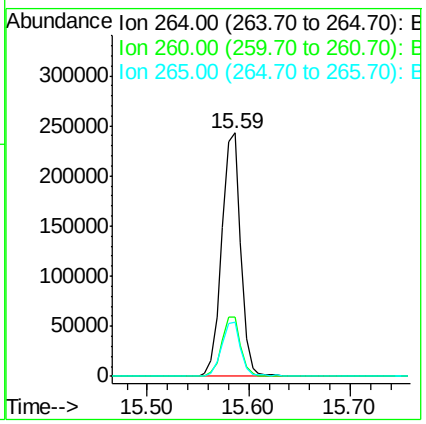


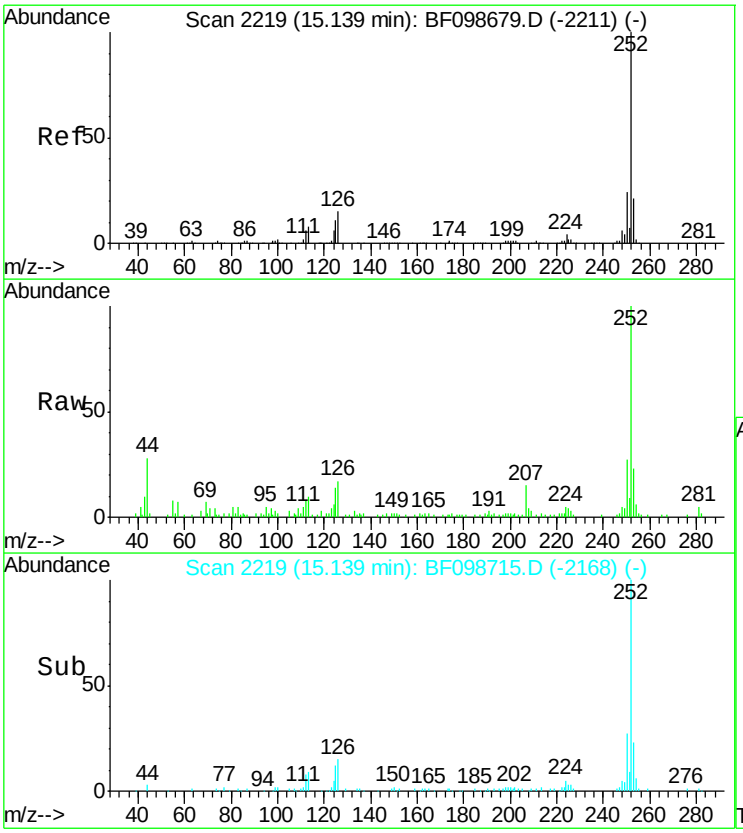
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:264 Resp: 317556

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3

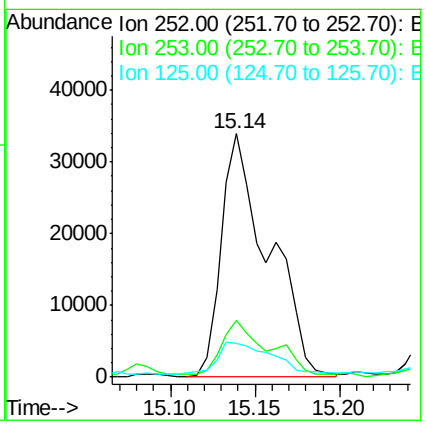


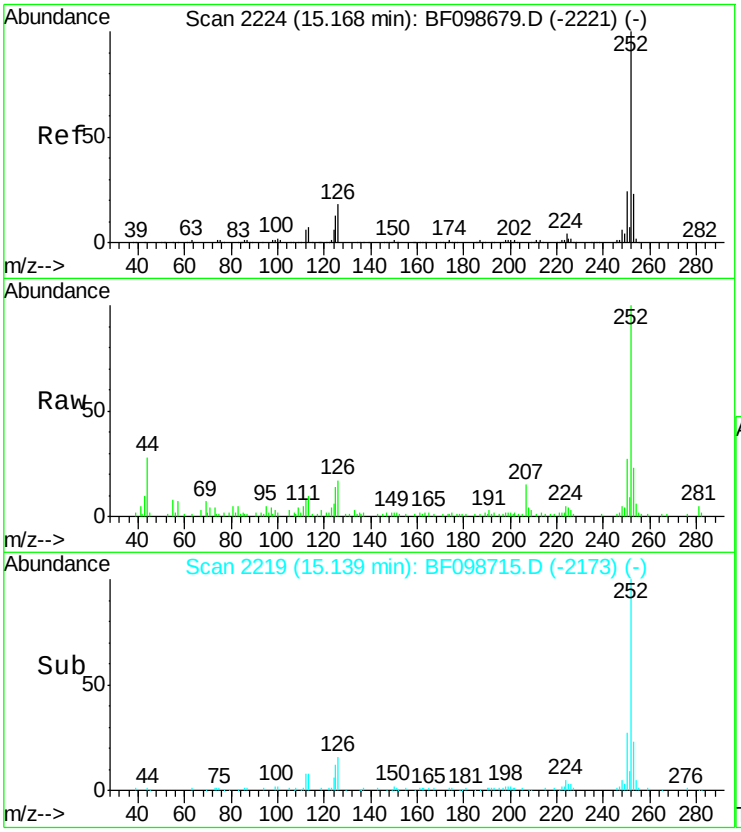


#87
Benzo(b)fluoranthene
Concen: 3.58 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Tgt Ion:252 Resp: 66012

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.0	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.59 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098715.D
Acq: 23 Sep 2017 00:06

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-118-6(0-5)

Tgt Ion:252 Resp: 66012

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.0	10.2	15.2