Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095544.D
Acq On : 30 May 2017 19:52
Operator : SJ/MA
Sample : I3302-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 31 01:42:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	107665	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	411998	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	170013	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	245817	20.00	ng		0.00
75) Chrysene-d12	18.67	240	240755	20.00	ng		0.00
86) Perylene-d12	20.35	264	175889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	638294	98.84	ng		0.00
7) Phenol-d6	7.30	99	689956	89.05	ng		0.00
23) Nitrobenzene-d5	8.64	82	418390	64.04	ng		-0.01
41) 2,4,6-Tribromophenol	13.89	330	111648	80.19	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	810398	68.61	ng		0.00
78) Terphenyl-d14	17.31	244	533860	48.84	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.64	70	47922	9.14	ng	#	73
49) Dimethylphthalate	12.24	163	119582	8.57	ng		99
70) Phenanthrene	15.04	178	162283	11.49	ng		96
71) Anthracene	15.13	178	42366	2.94	ng		96
74) Fluoranthene	16.78	202	303440	20.94	ng		99
76) Benzidine	17.24	184	108	6.60	ng	#	62
77) Pyrene	17.08	202	271522	15.08	ng		99
79) Butylbenzylphthalate	17.97	149	74827	8.93	ng		89
80) Benzo(a)anthracene	18.66	228	127882	9.13	ng		96
82) Chrysene	18.71	228	131843	9.73	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	40352	3.38	ng		99
85) Indeno(1,2,3-cd)pyrene	21.69	276	51625	4.69	ng		96
87) Benzo(b)fluoranthene	19.94	252	189080	17.40	ng	#	96
88) Benzo(k)fluoranthene	19.94	252	189080	18.04	ng		99
89) Benzo(a)pyrene	20.29	252	100147	9.99	ng	#	94
91) Benzo(g,h,i)perylene	22.08	276	51080	6.28	ng		92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
Data File : BF095544.D
Acq On : 30 May 2017 19:52
Operator : SJ/MA
Sample : I3302-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 31 01:42:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
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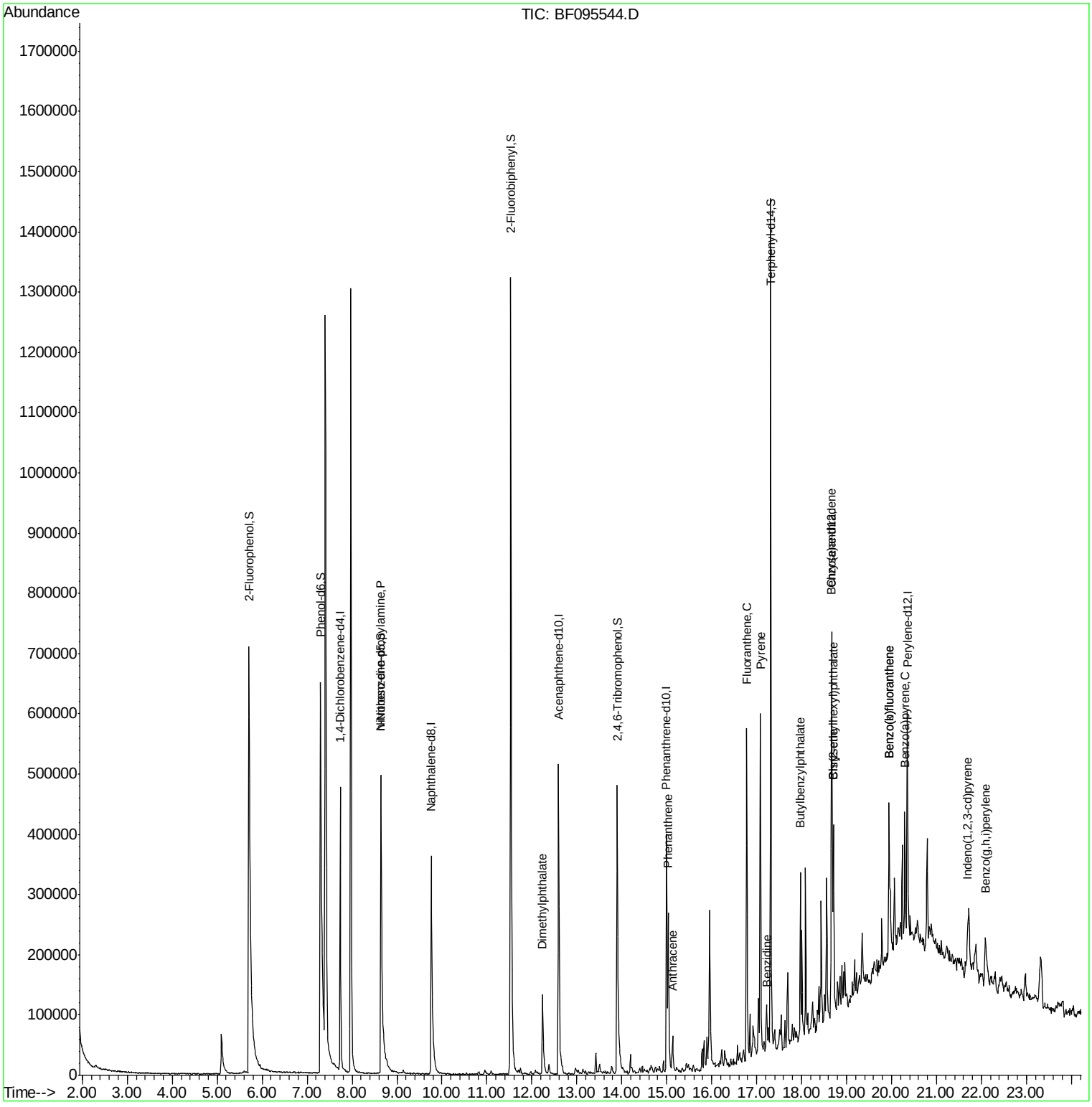
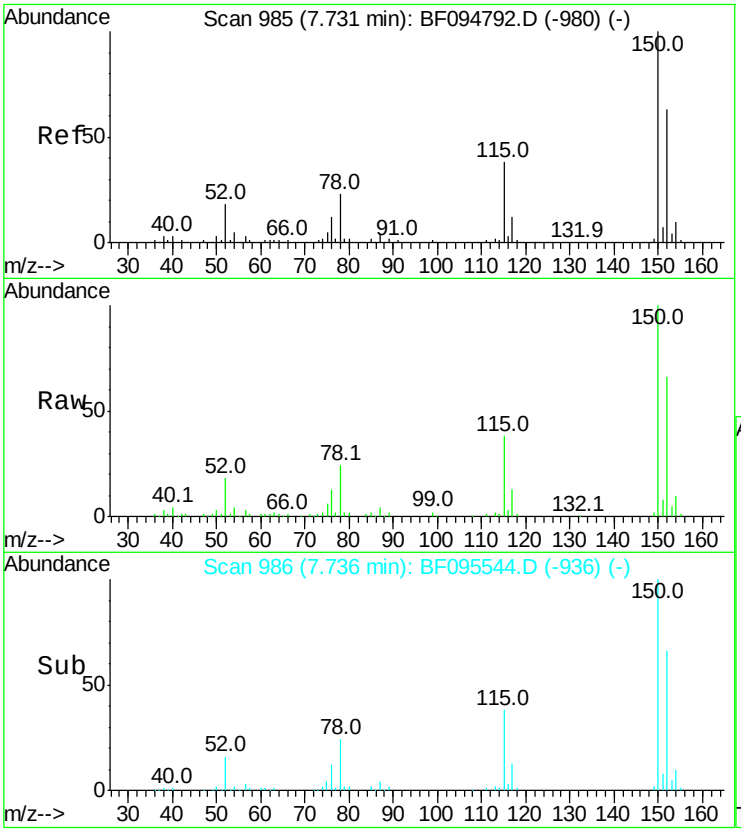


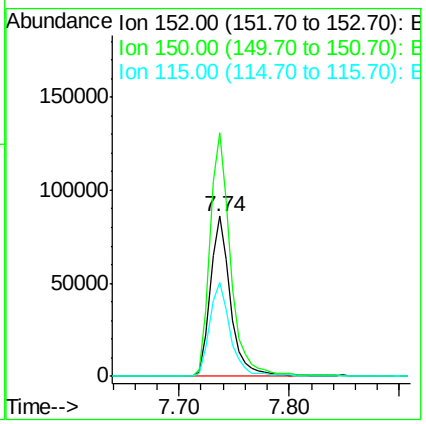


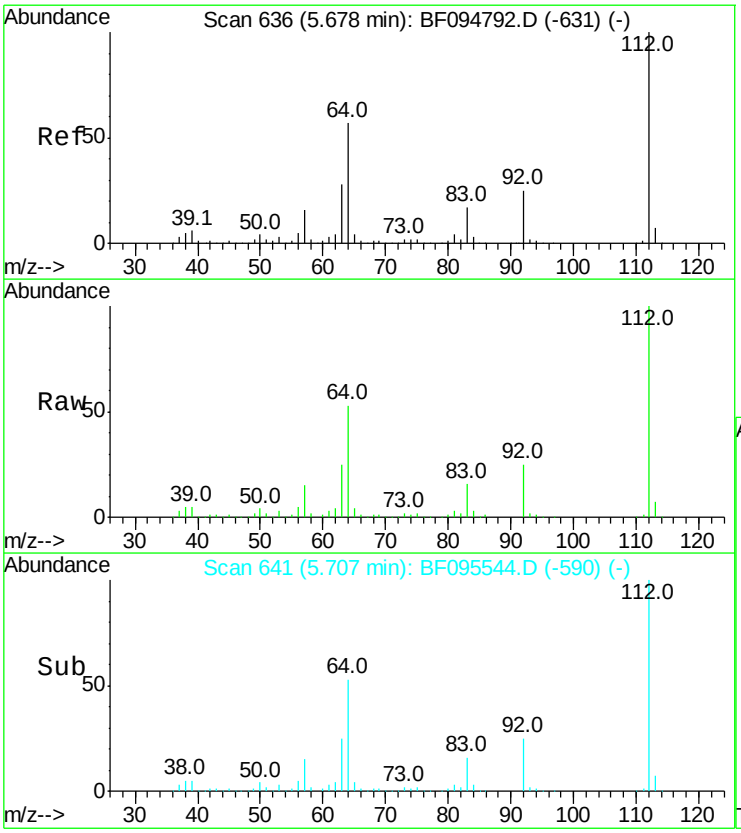
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107665

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	58.4	52.2	78.2

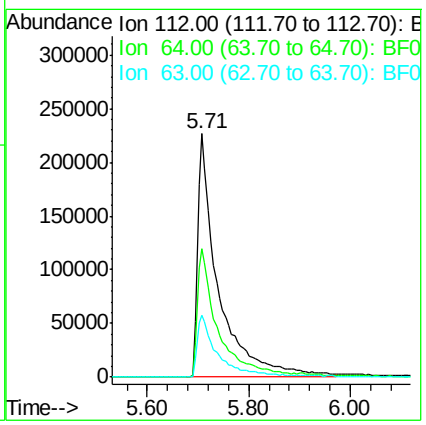


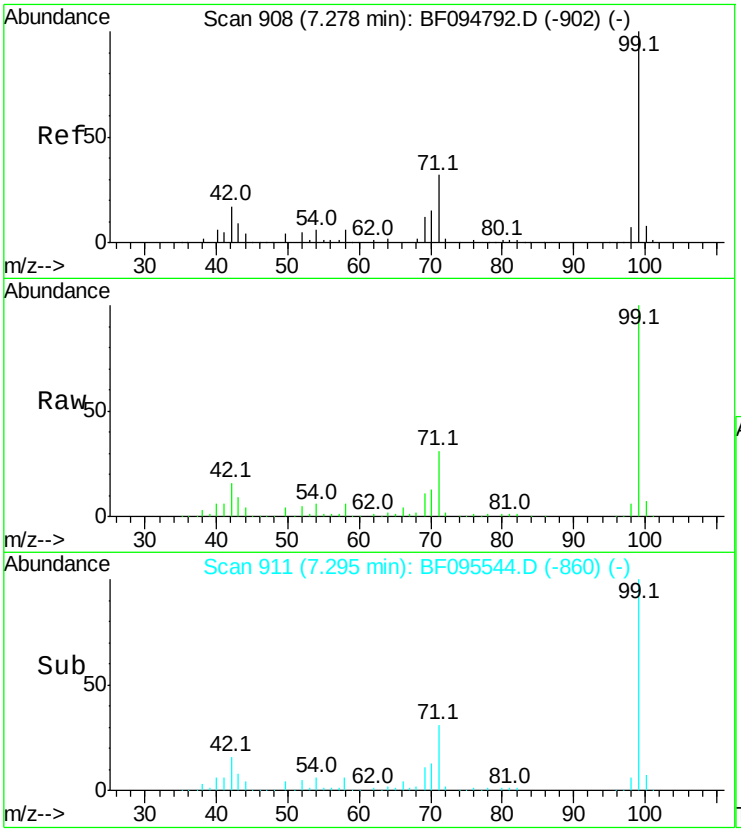


#5
2-Fluorophenol
Concen: 98.84 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:112 Resp: 638294

Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.0	69.0
63	25.2	23.4	35.0



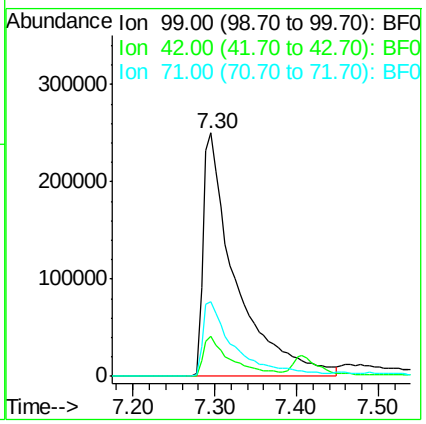


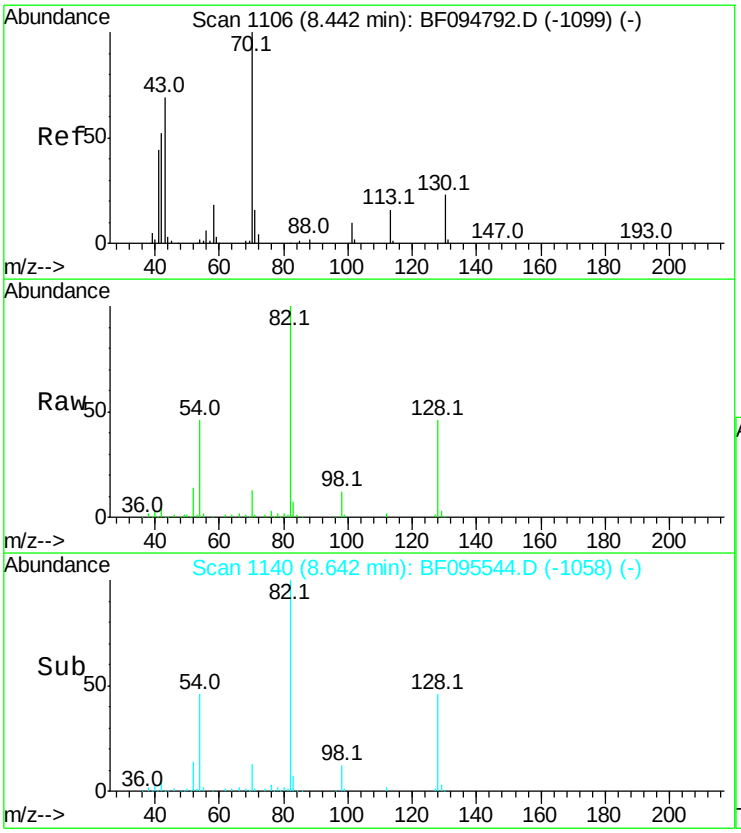
#7
Phenol-d6
Concen: 89.05 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 689956

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	30.9	24.5	36.7

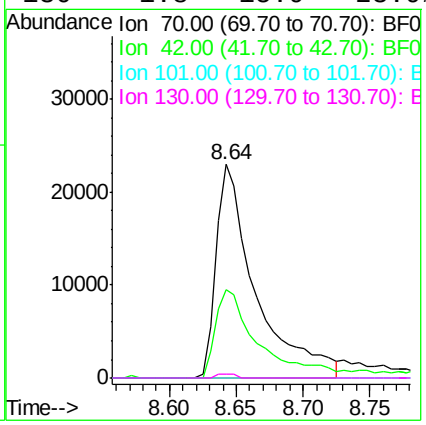


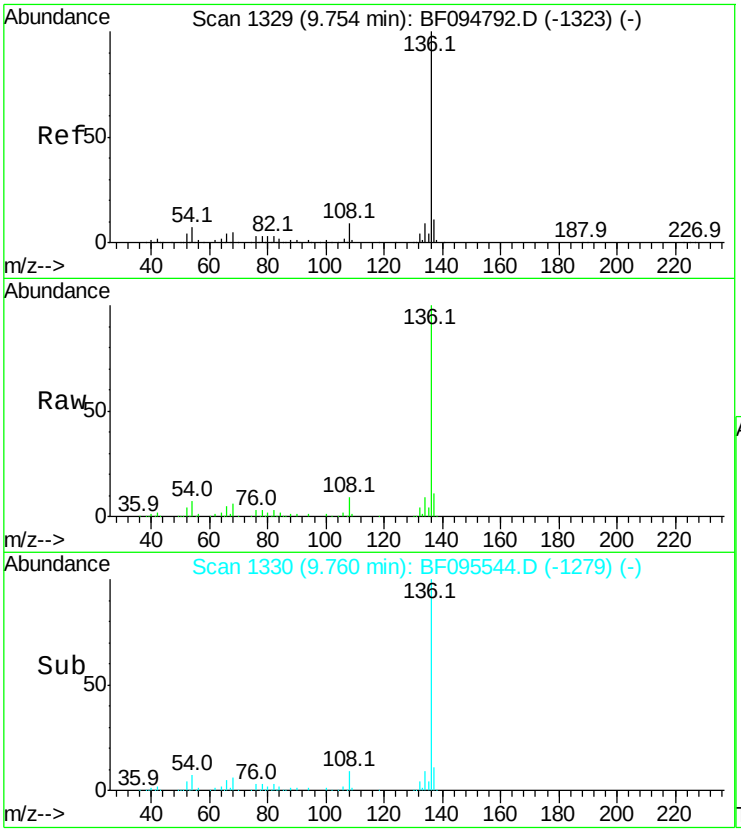


#19
n-Nitroso-di-n-propylamine
Concen: 9.14 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion: 70 Resp: 47922

Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



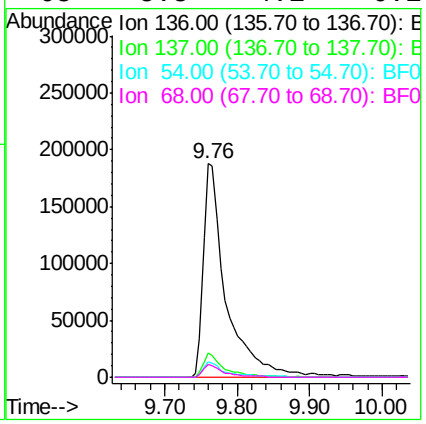


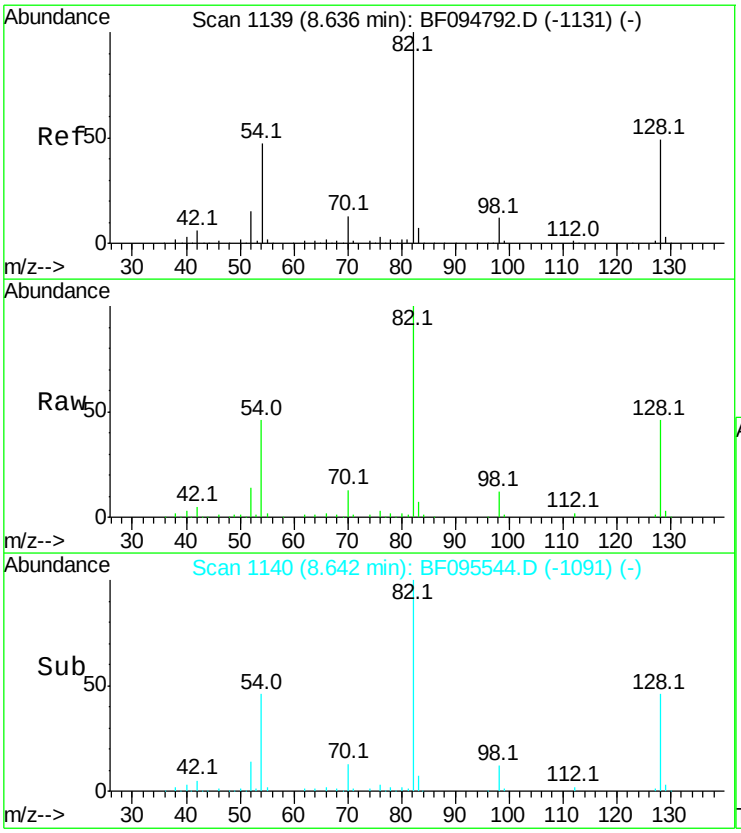
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 411998

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	5.8	4.1	6.1

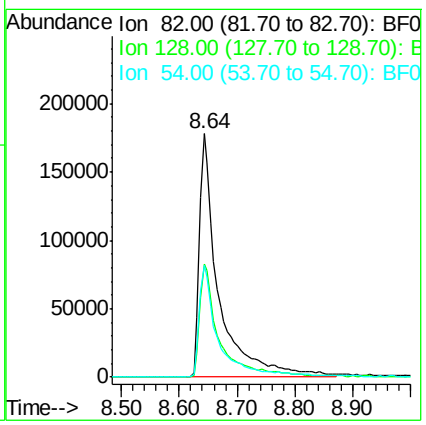


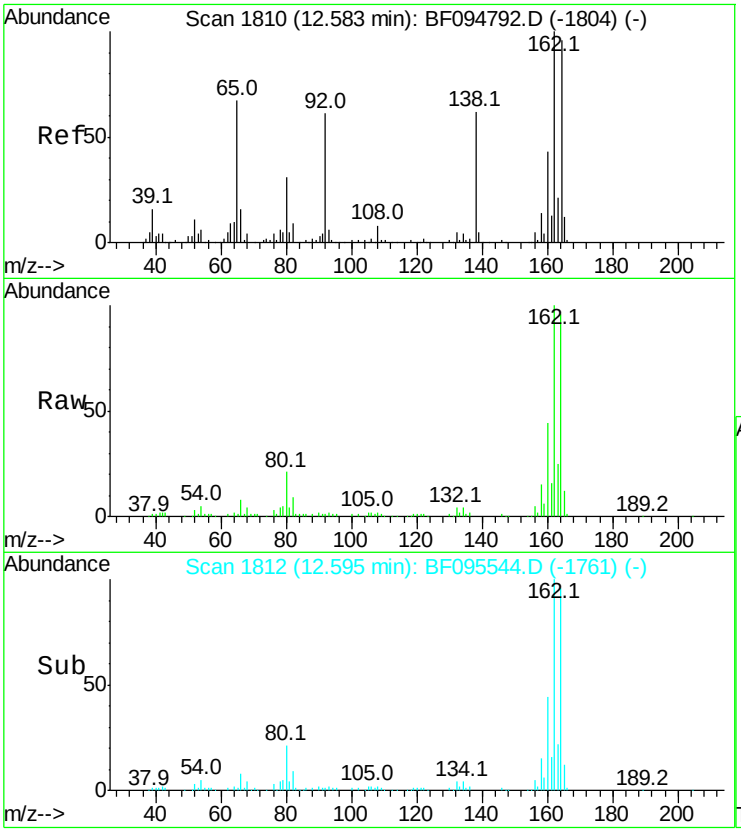


#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion: 82 Resp: 418390

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	45.8	42.2	63.2



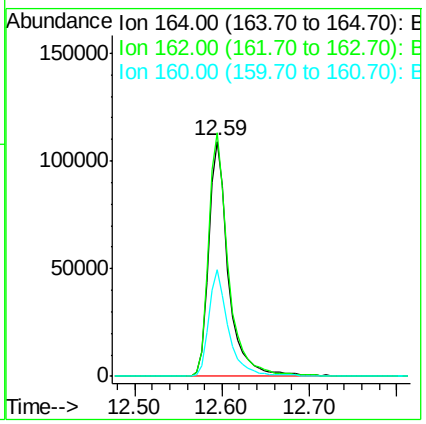


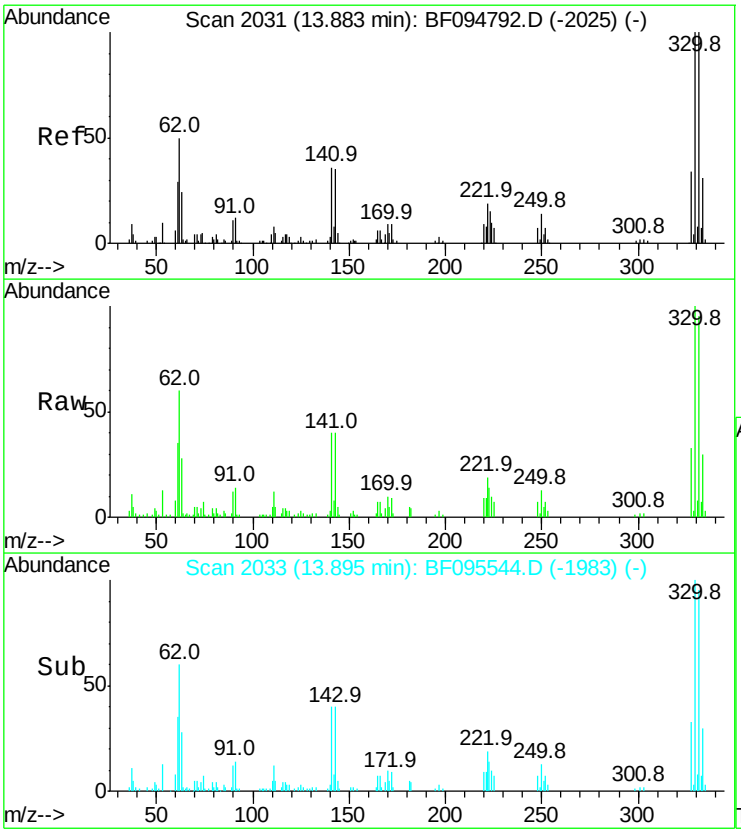
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 170013

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.3	36.2	54.2

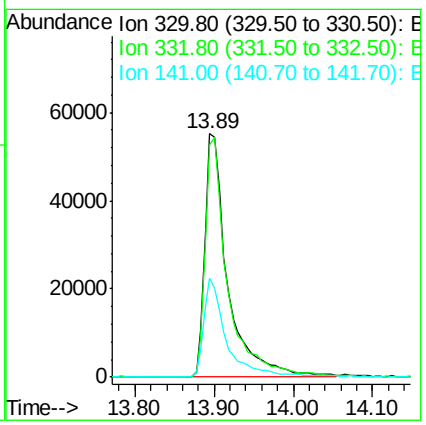


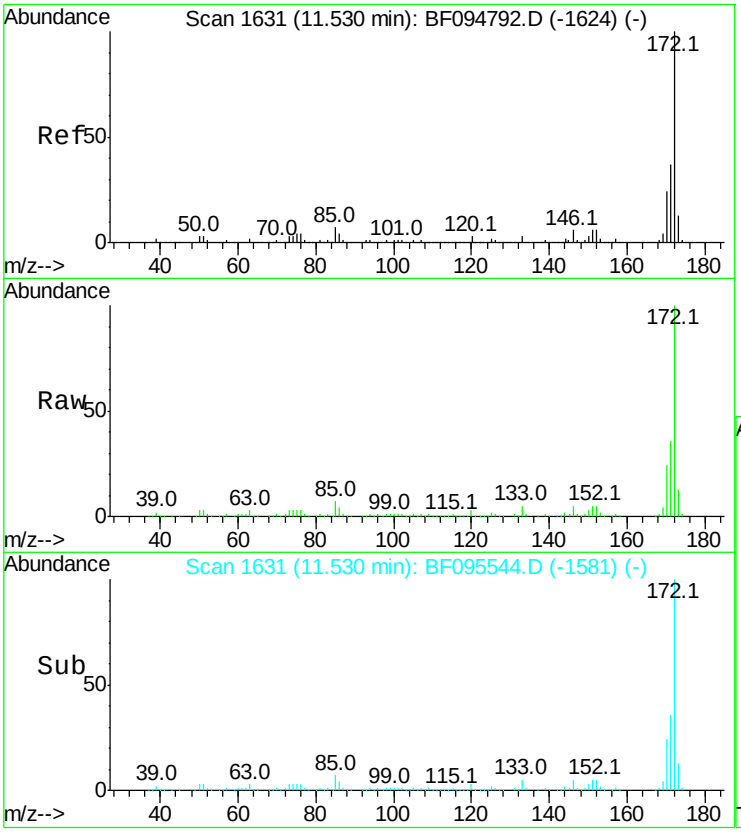


#41
2,4,6-Tribromophenol
Concen: 80.19 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:330 Resp: 111648

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.8	31.4	47.2



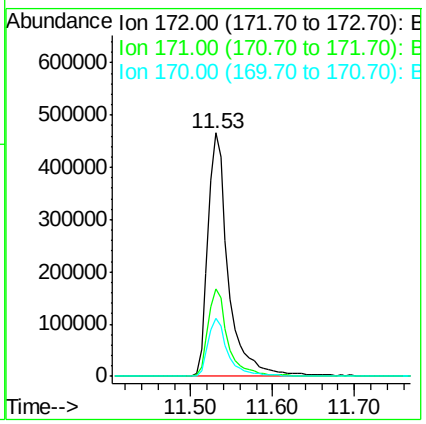


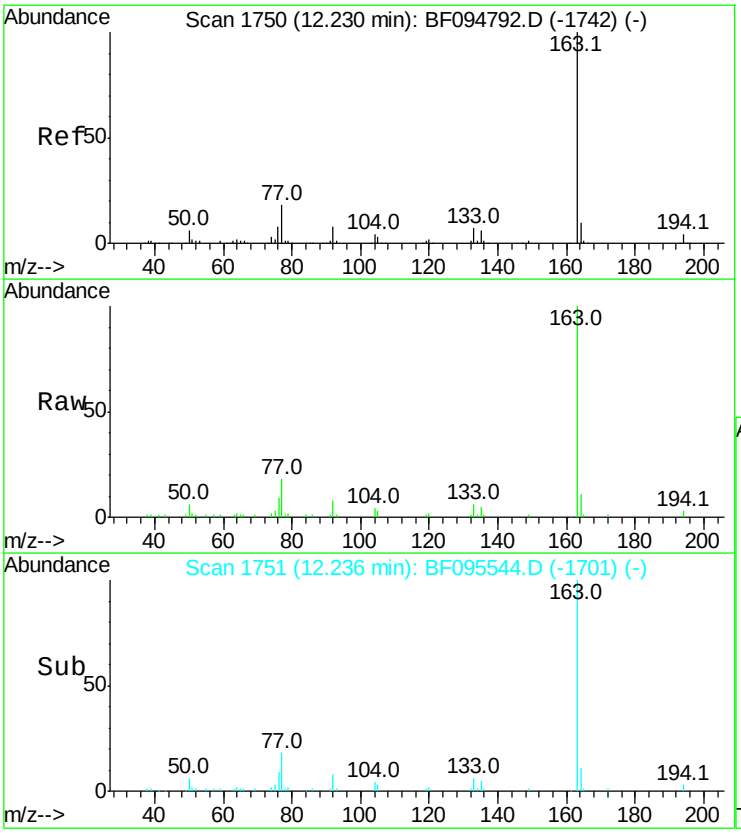
#44
2-Fluorobiphenyl
Concen: 68.61 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 810398

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	19.8	29.8

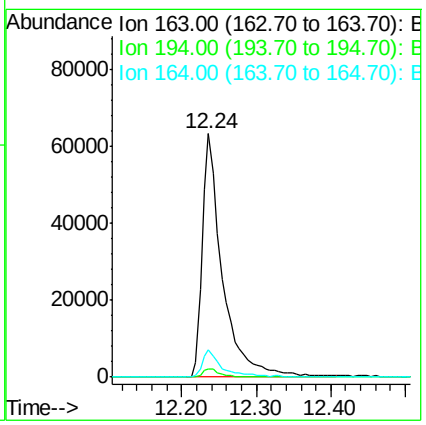


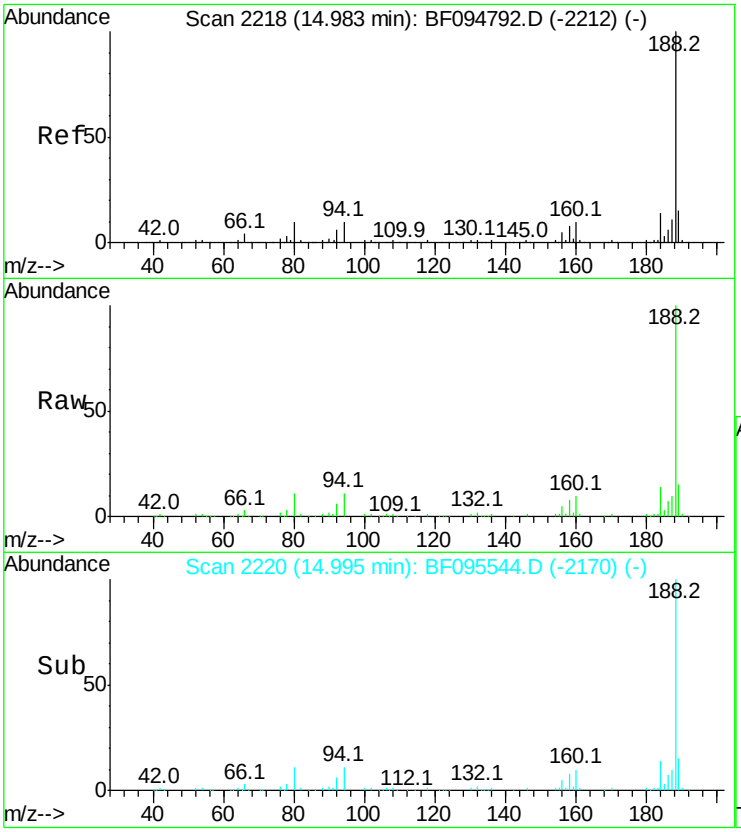


#49
Dimethylphthalate
Concen: 8.57 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:163 Resp: 119582

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.0	8.4	12.6



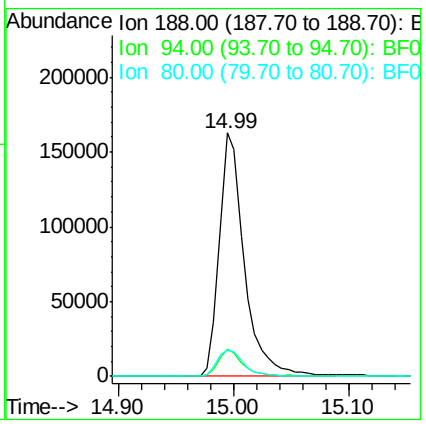


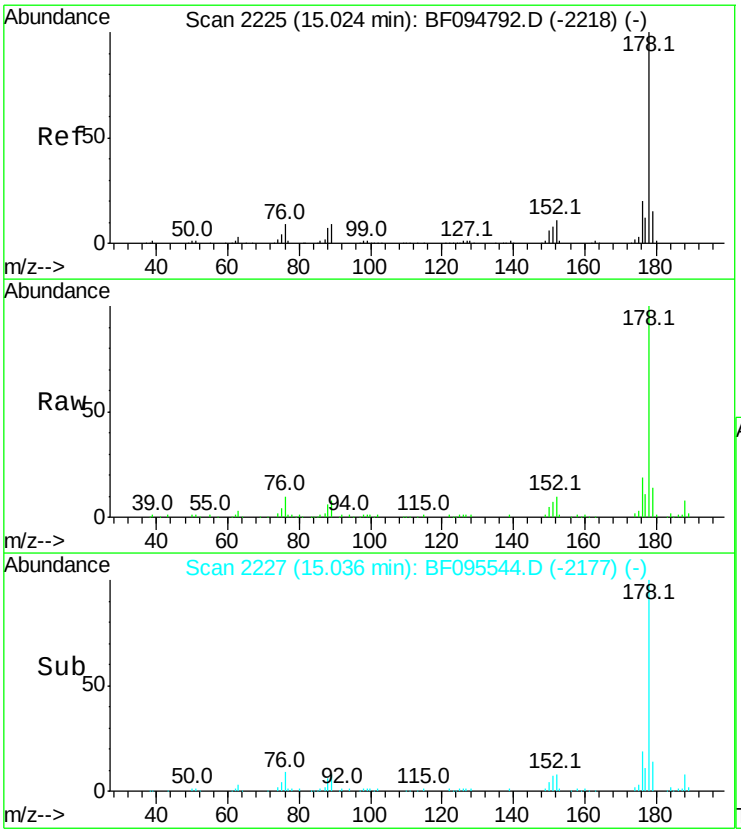
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 245817

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.8	10.2	15.2

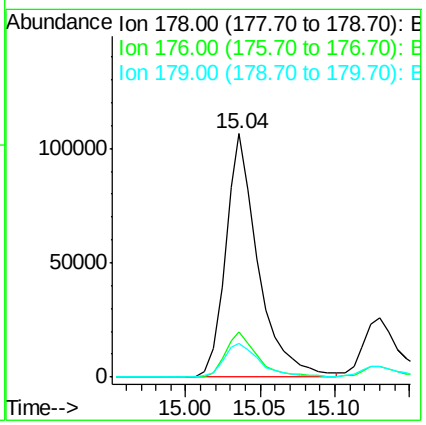


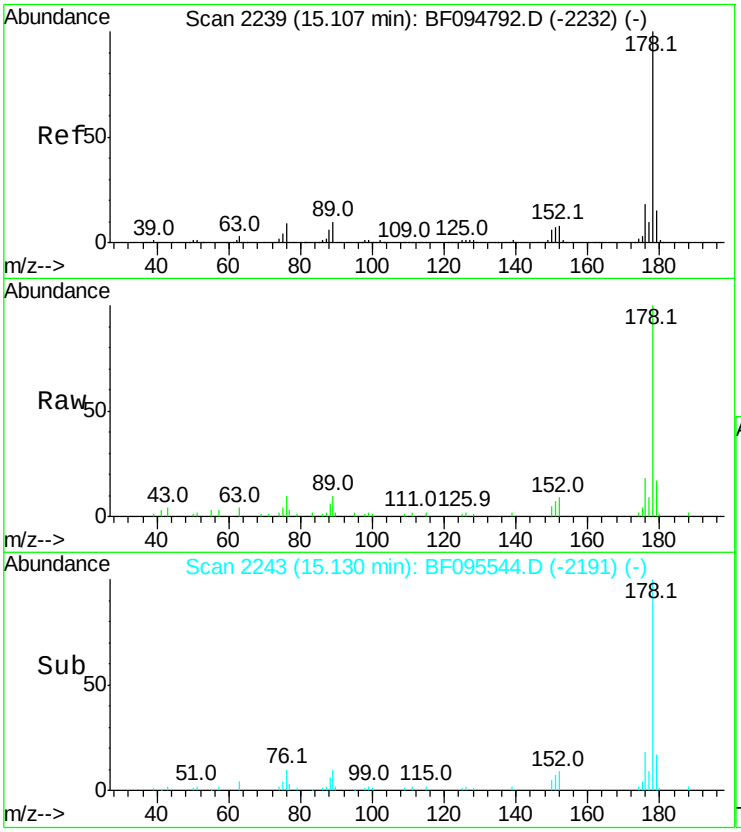


#70
Phenanthrene
Concen: 11.49 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:178 Resp: 162283

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.0	12.6	19.0



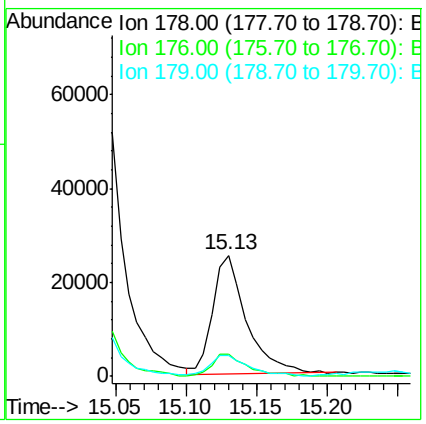


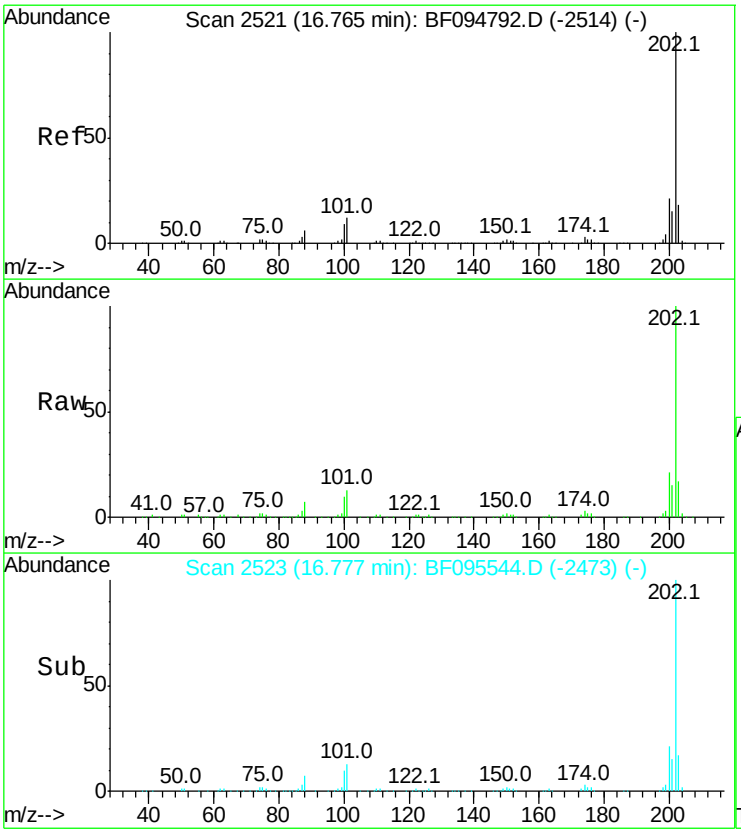
#71
Anthracene
Concen: 2.94 ng
RT: 15.13 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42366

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	17.5	12.7	19.1

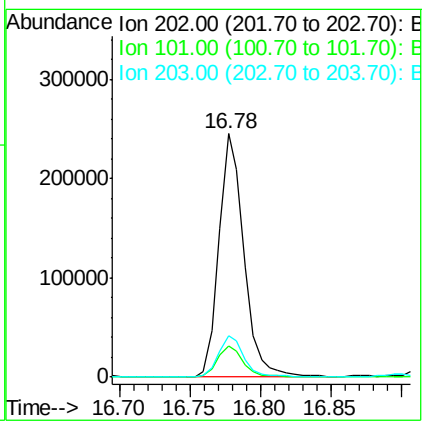


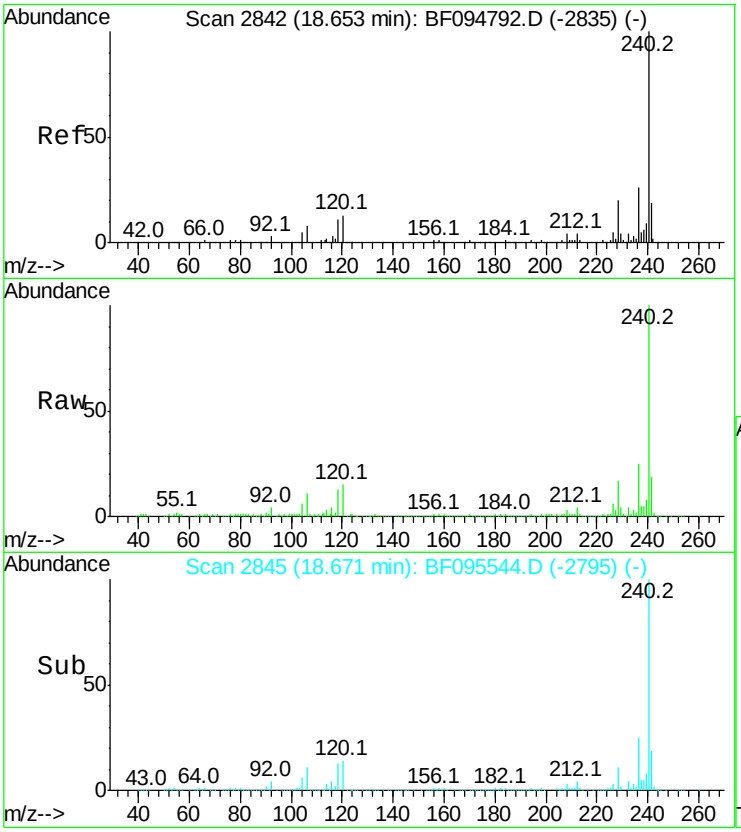


#74
Fluoranthene
Concen: 20.94 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:202 Resp: 303440

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.2	0.0	38.1



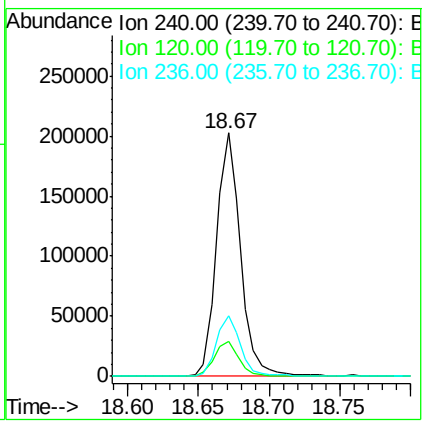


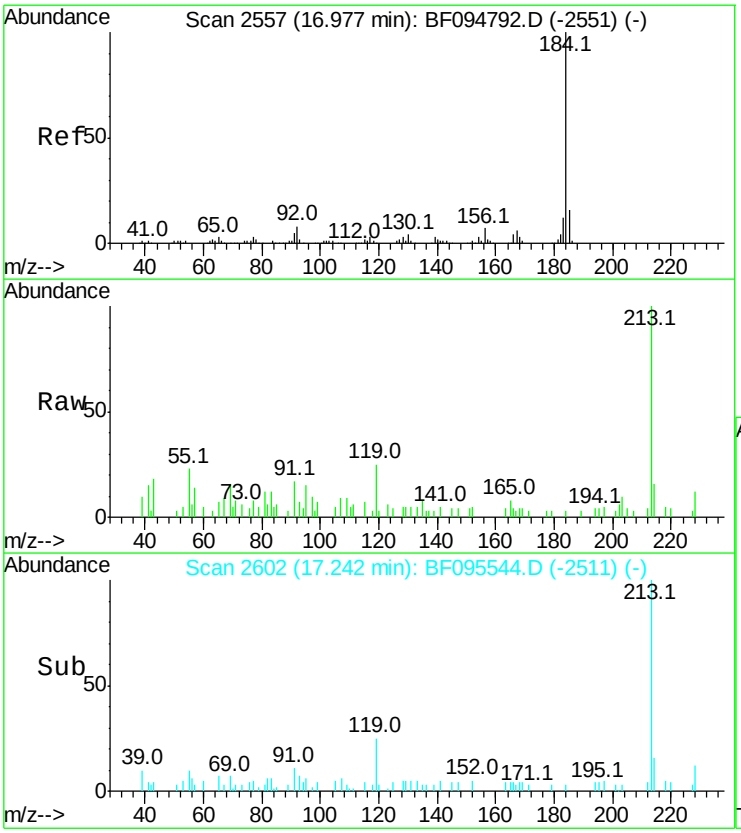
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 240755

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	24.7	20.5	30.7

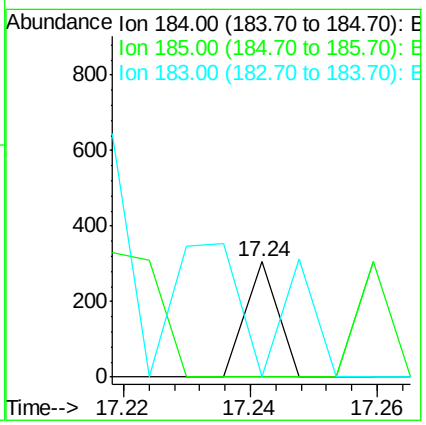


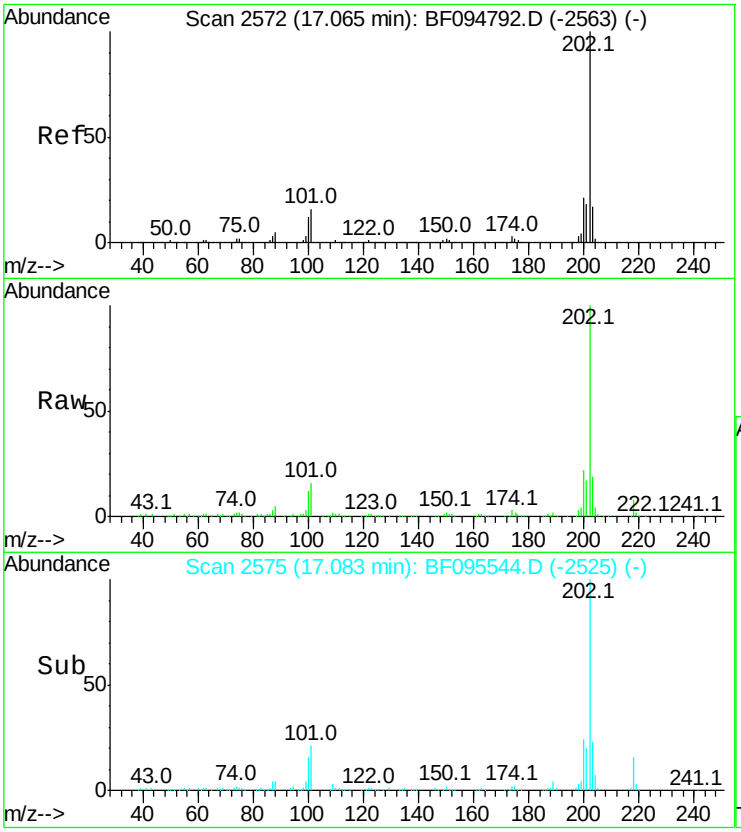


#76
Benzidine
Concen: 6.60 ng
RT: 17.24 min Scan# 2602
Delta R.T. 0.24 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	0.0	9.8	14.6#



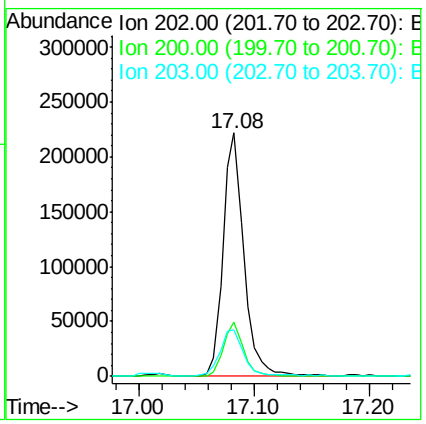


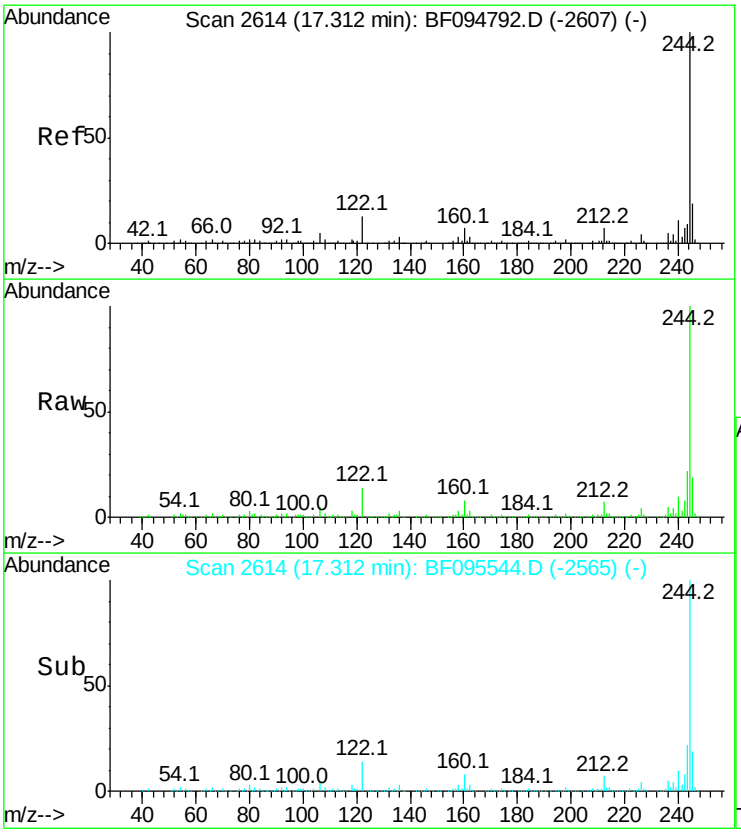
#77
Pyrene
Concen: 15.08 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 271522

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	19.3	14.4	21.6

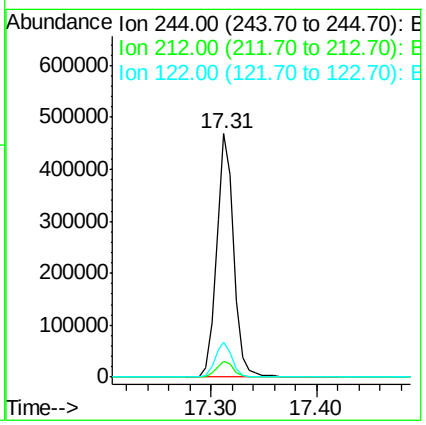


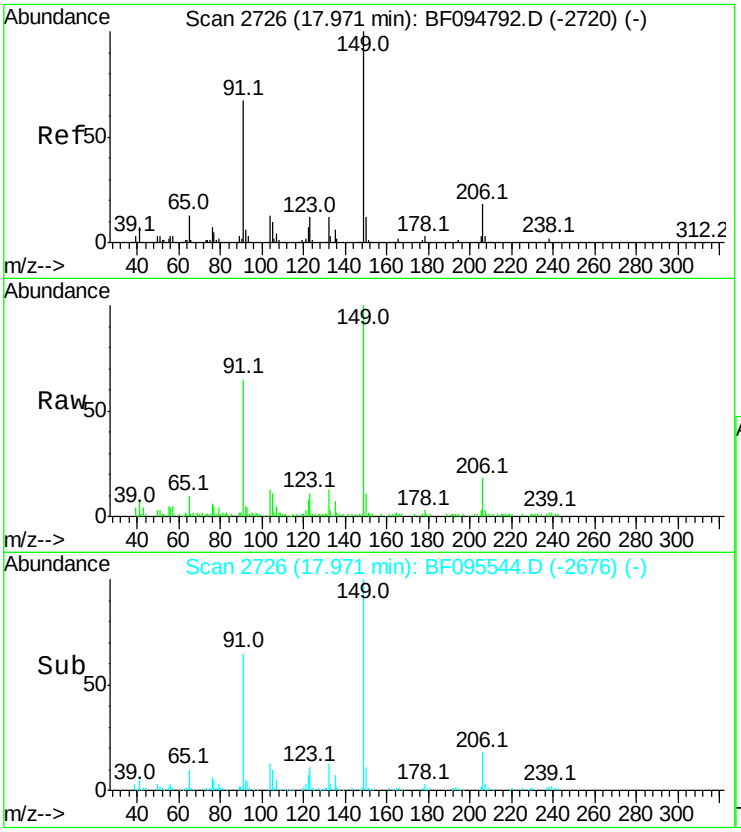


#78
Terphenyl-d14
Concen: 48.84 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:244 Resp: 533860

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.5	10.3	15.5



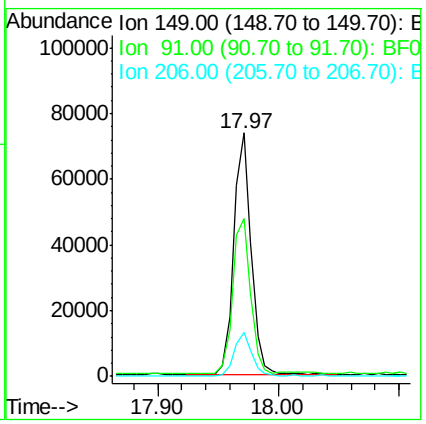


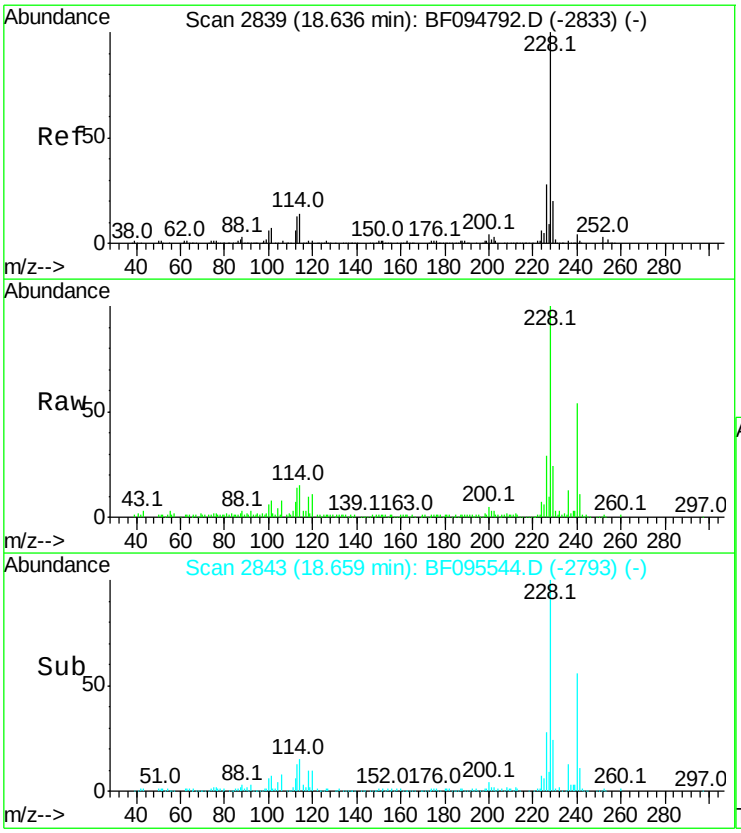
#79
Butylbenzylphthalate
Concen: 8.93 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 74827

Ion	Ratio	Lower	Upper
149	100		
91	65.1	45.0	67.4
206	17.8	17.0	25.6

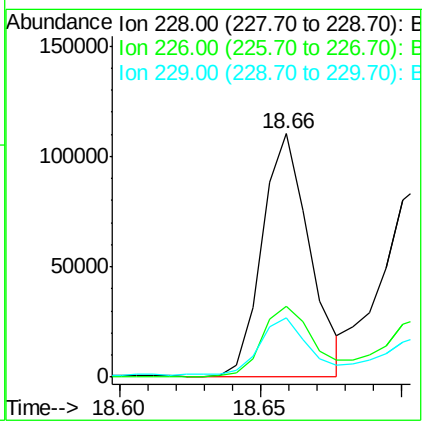


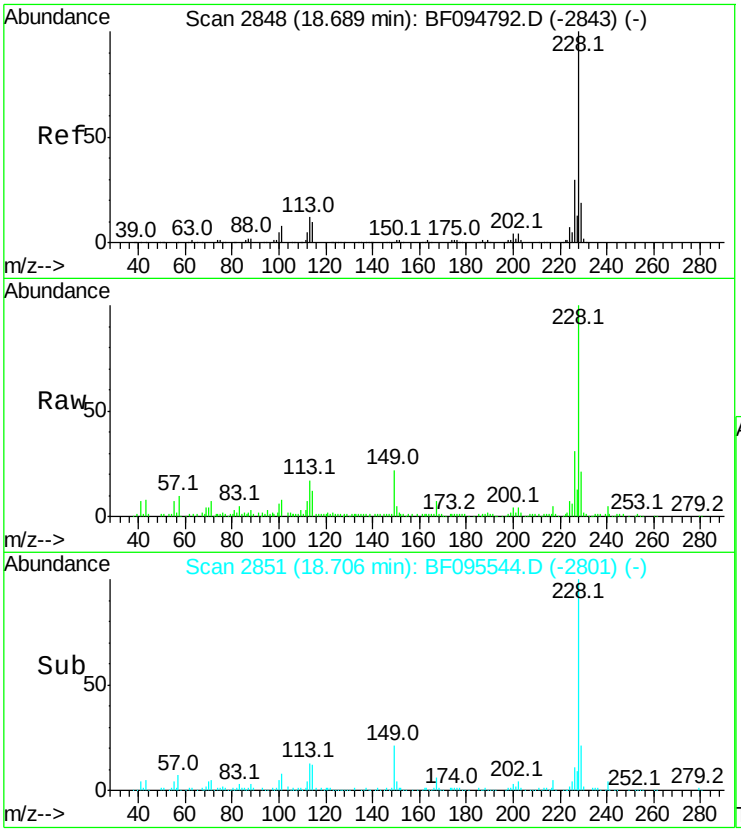


#80
Benzo(a)anthracene
Concen: 9.13 ng
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:228 Resp: 127882

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	24.2	16.3	24.5



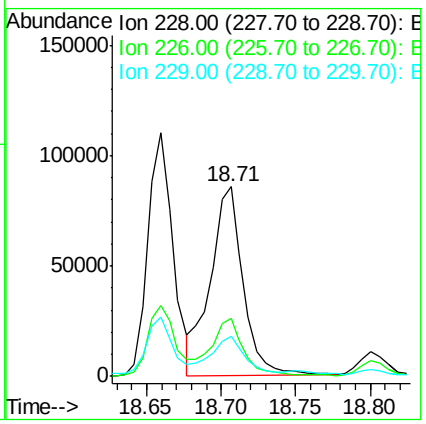


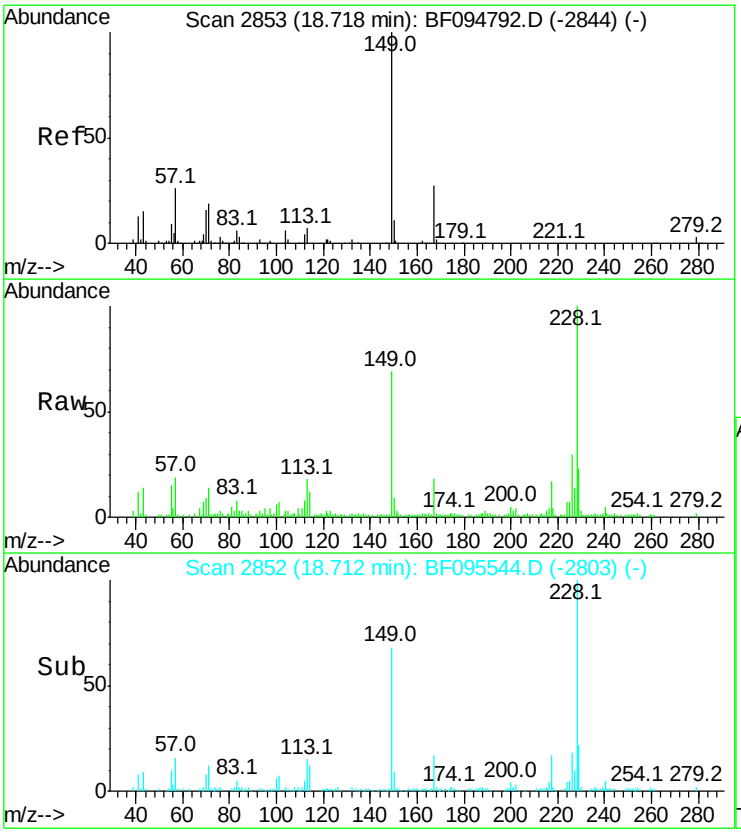
#82
Chrysene
Concen: 9.73 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 131843

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.5	15.8	23.6

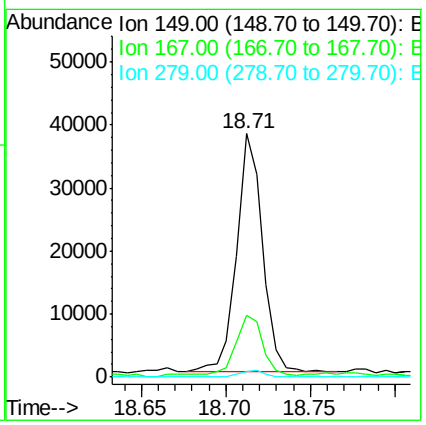


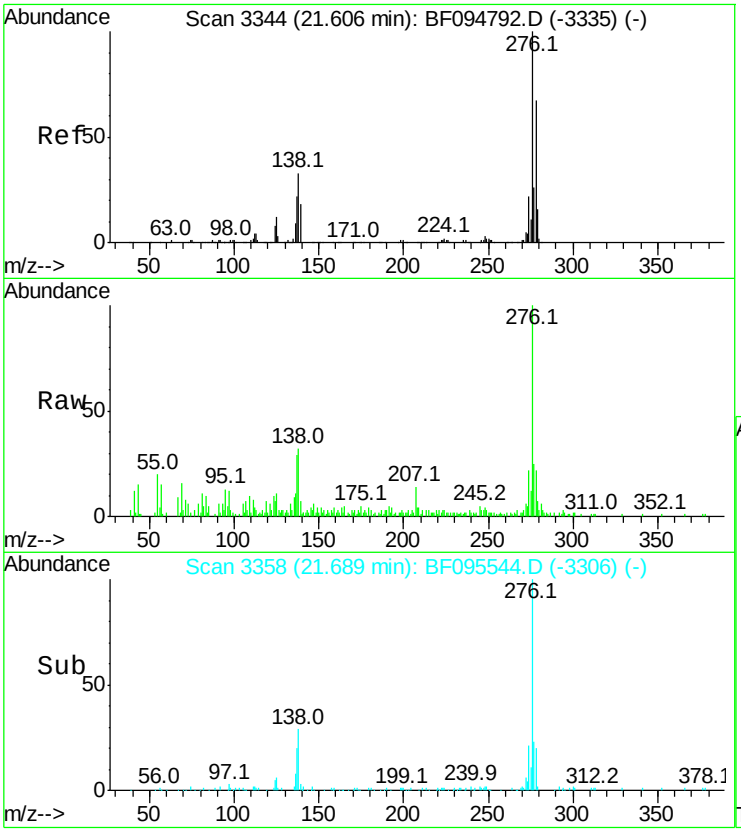


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.38 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:149 Resp: 40352

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	2.2	1.9	2.9



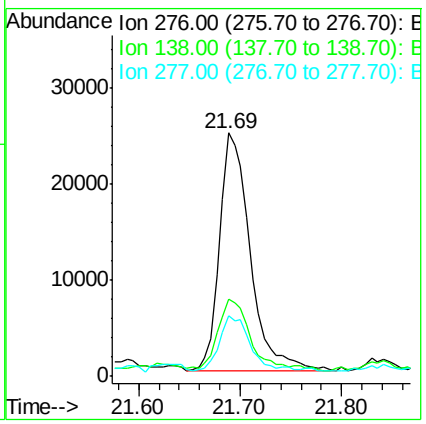


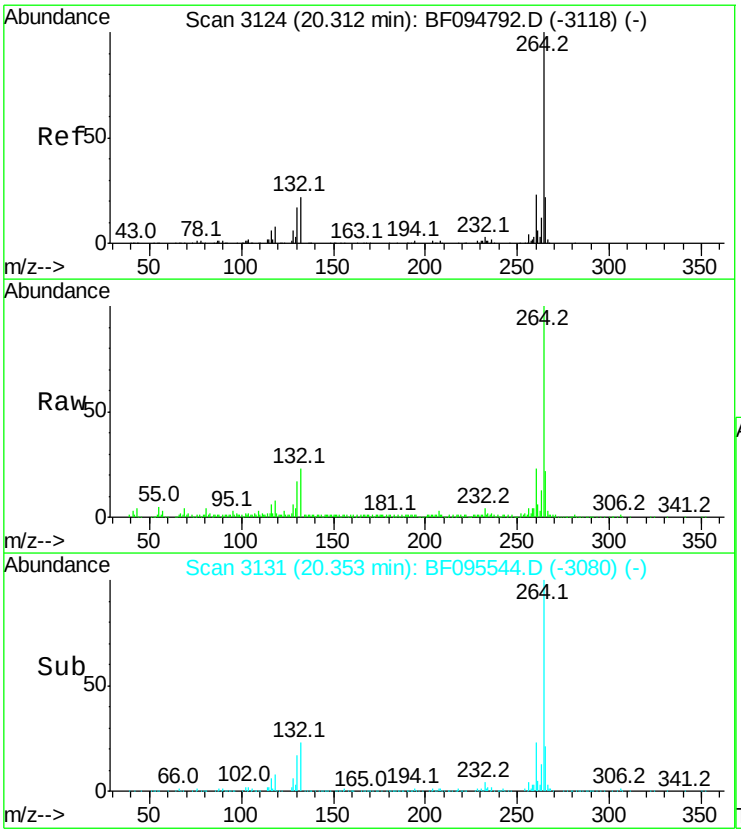
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 21.69 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51625

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	23.2	20.2	30.4

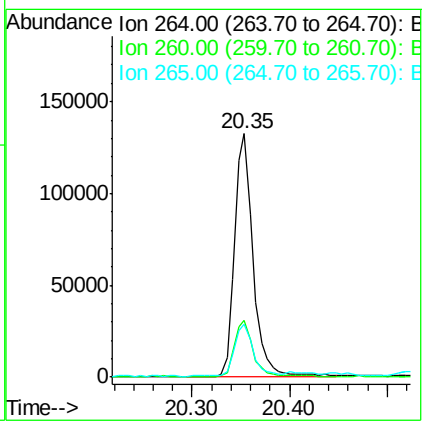


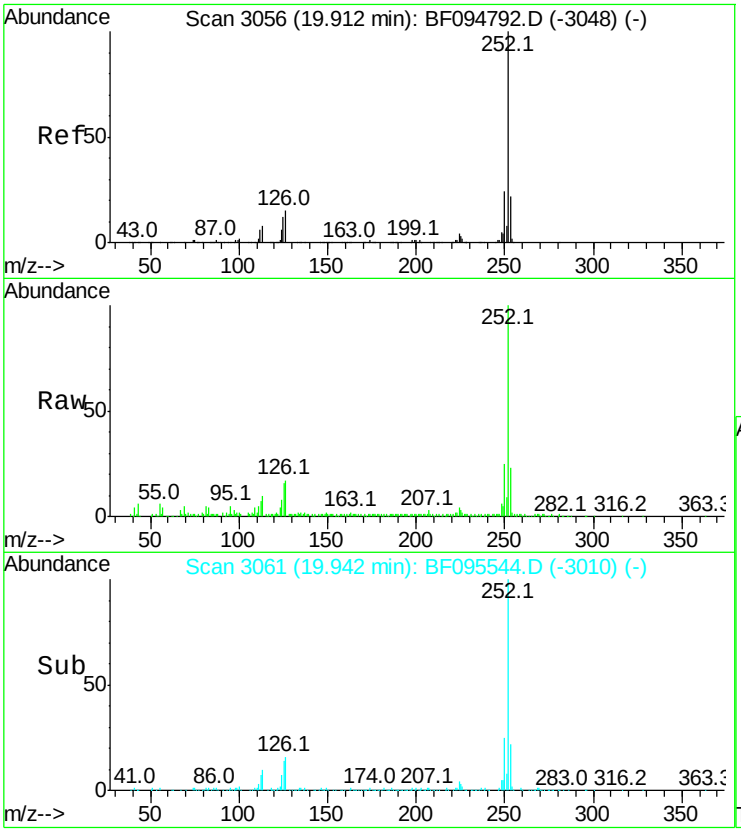


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:264 Resp: 175889

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.2	25.8



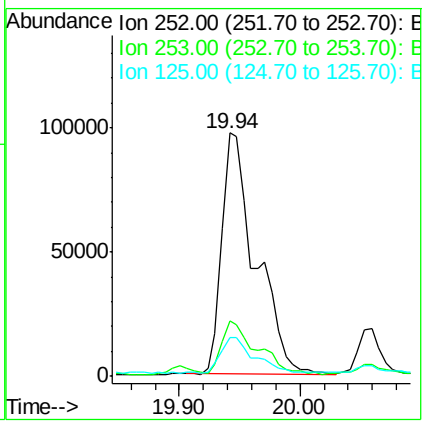


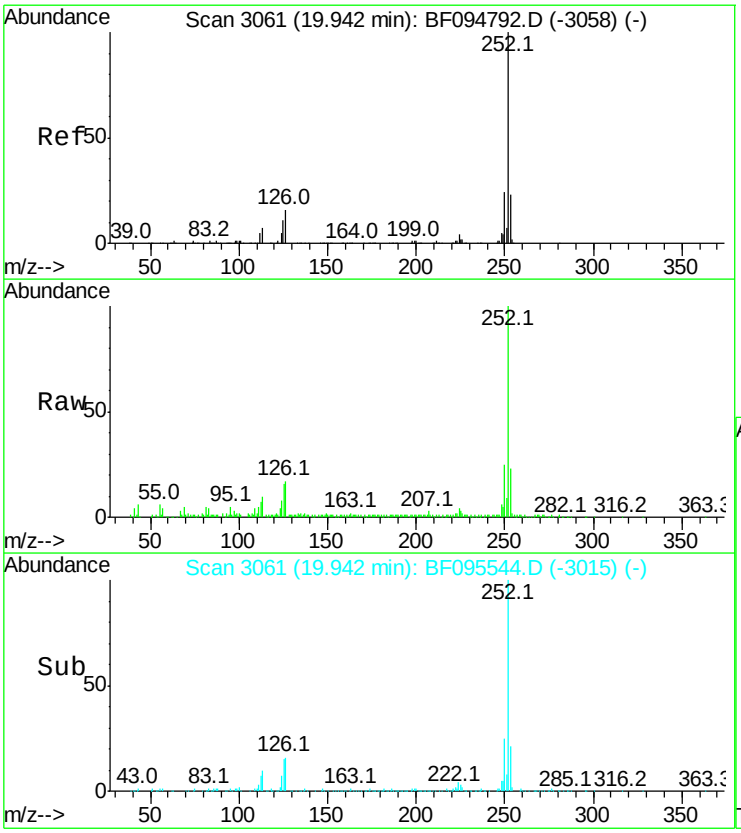
#87
Benzo(b)fluoranthene
Concen: 17.40 ng
RT: 19.94 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 189080

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.1	9.8	14.8#

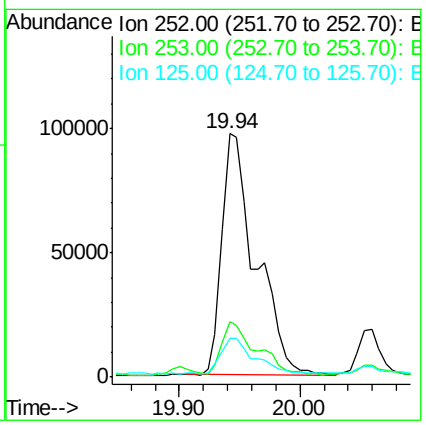


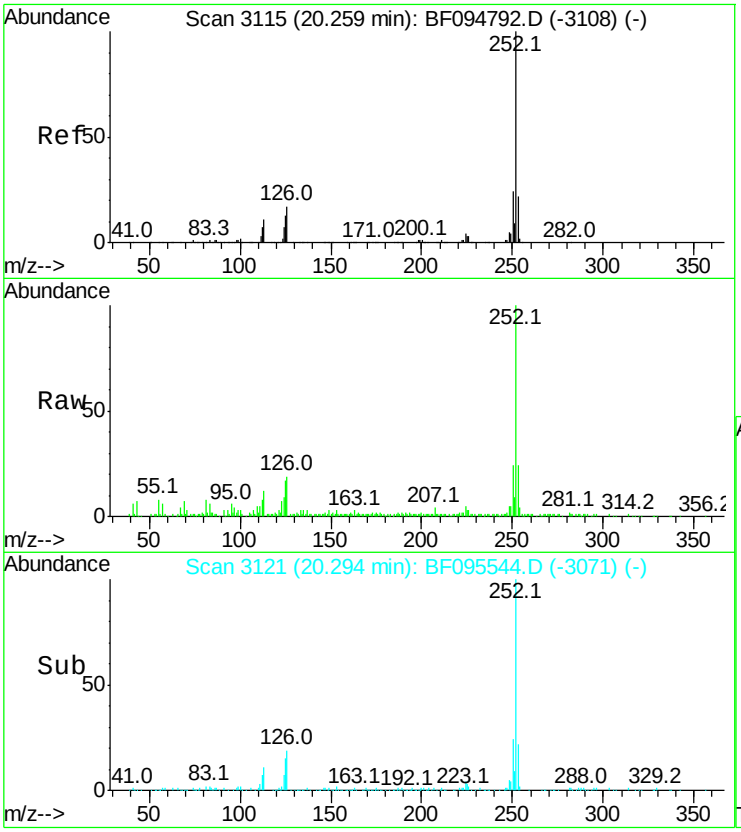


#88
Benzo(k)fluoranthene
Concen: 18.04 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.03 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:252 Resp: 189080

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	16.1	13.1	19.7



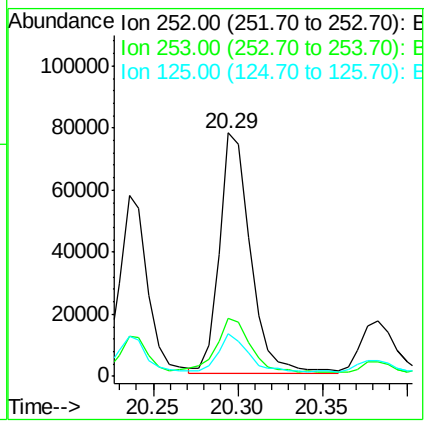


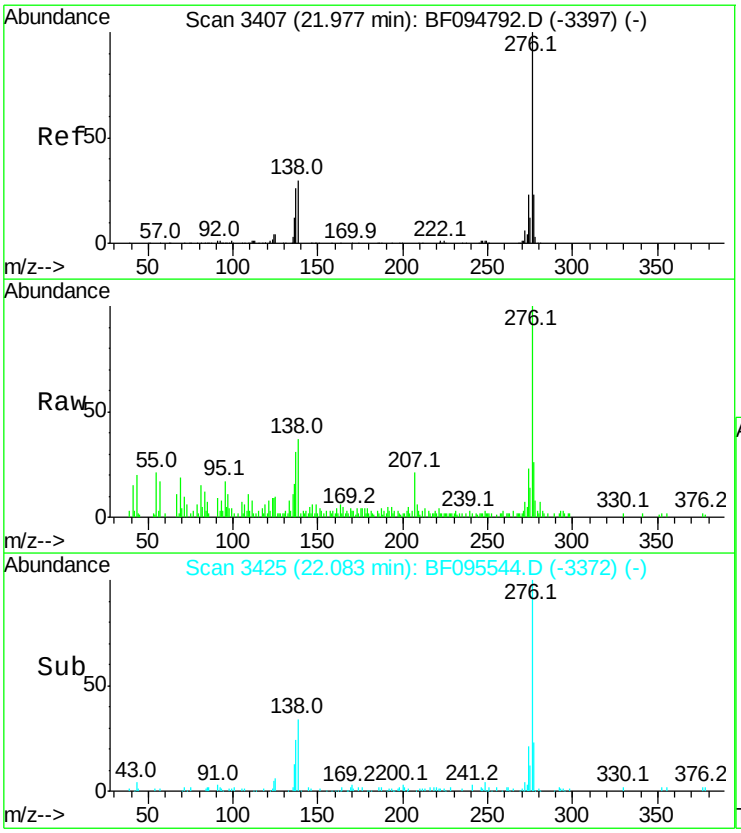
#89
Benzo(a)pyrene
Concen: 9.99 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 100147

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	17.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.28 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.01 min
Lab File: BF095544.D
Acq: 30 May 2017 19:52

Tgt Ion:276 Resp: 51080

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	37.1	25.4	38.0