Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095574.D
Acq On : 31 May 2017 20:40
Operator : SJ/MA
Sample : I3329-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 01 01:36:19 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	7.79	152	292409	20.00	ng		0.05
21) Naphthalene-d8	9.58	136	467377	20.00	ng		-0.18
38) Acenaphthene-d10	12.41	164	198486	20.00	ng		-0.19
63) Phenanthrene-d10	14.81	188	332033	20.00	ng		-0.19
75) Chrysene-d12	18.51	240	191772	20.00	ng		-0.16
86) Perylene-d12	20.18	264	212287	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	583754	33.28	ng		-0.24
7) Phenol-d6	7.10	99	808719	38.43	ng		-0.19
23) Nitrobenzene-d5	8.47	82	430443	58.08	ng		-0.19
41) 2,4,6-Tribromophenol	13.71	330	117467	72.26	ng		-0.19
44) 2-Fluorobiphenyl	11.36	172	788702	57.19	ng		-0.18
78) Terphenyl-d14	17.16	244	467260	53.67	ng		-0.16
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.47	70	53774	3.78	ng	#	76
31) Naphthalene	9.62	128	200492	8.54	ng		99
32) Benzoic acid	9.51	122	494	5.18	ng	#	26
33) 4-Chloroaniline	9.62	127	26952	3.08	ng	#	35
37) 2-Methylnaphthalene	10.75	142	63844	4.14	ng		97
49) Dimethylphthalate	12.05	163	149778	9.19	ng		99
51) Acenaphthene	12.46	154	136529	10.82	ng		98
54) Dibenzofuran	12.75	168	178979	10.25	ng		95
55) 4-Nitrophenol	12.75	139	64952	30.31	ng	#	27
57) Fluorene	13.30	166	154663	10.18	ng		99
70) Phenanthrene	14.87	178	2113353	110.78	ng		99
71) Anthracene	14.94	178	559824	28.73	ng		97
72) Carbazole	15.22	167	266610	15.04	ng		97
74) Fluoranthene	16.62	202	1945585	99.42	ng		99
77) Pyrene	16.92	202	1578595	110.06	ng		99
80) Benzo(a)anthracene	18.50	228	631116	56.55	ng		99
82) Chrysene	18.54	228	539664	50.01	ng		97
85) Indeno(1,2,3-cd)pyrene	21.42	276	284652	32.48	ng		94
87) Benzo(b)fluoranthene	19.78	252	920226	70.15	ng	#	97
88) Benzo(k)fluoranthene	19.78	252	920226	72.73	ng		98
89) Benzo(a)pyrene	20.12	252	508296	41.99	ng		98
90) Dibenzo(a,h)anthracene	21.56	278	62613	6.26	ng		96
91) Benzo(g,h,i)perylene	21.78	276	258266	26.33	ng		96

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

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Misc :
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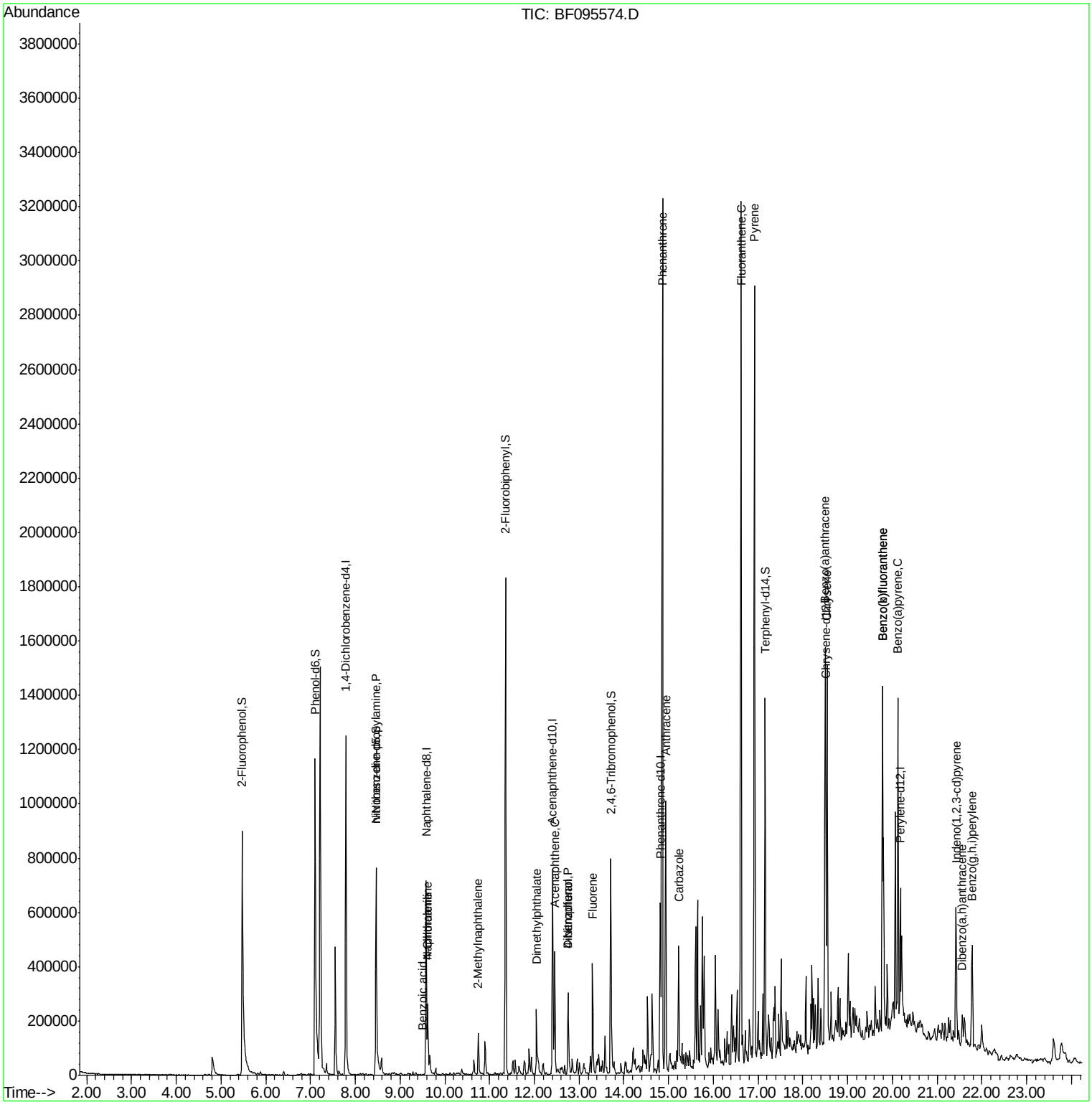
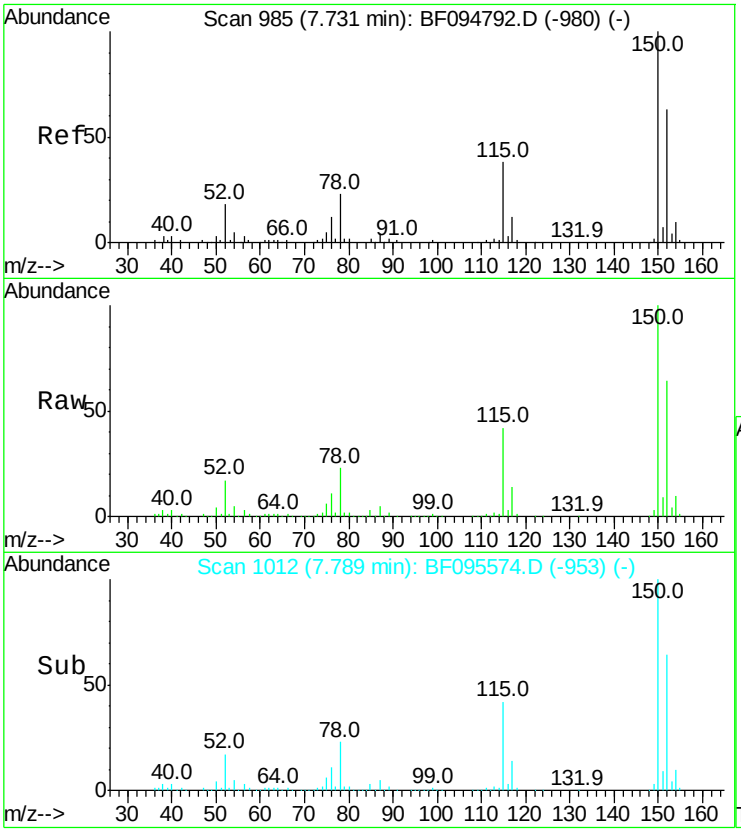


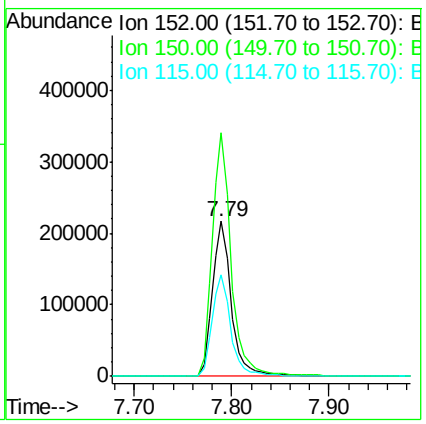


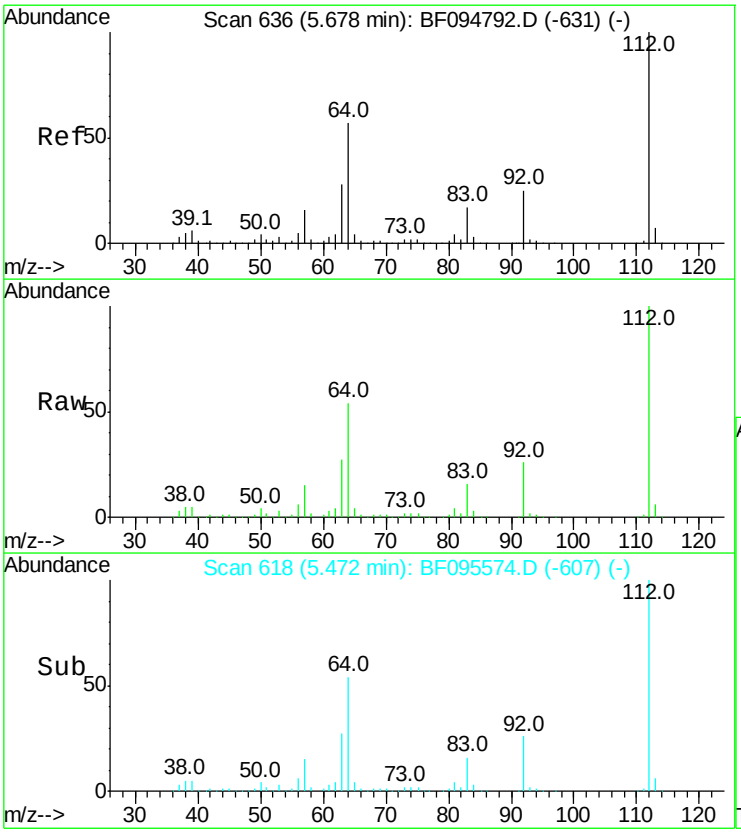
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 1012
Delta R.T. 0.05 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 292409

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	65.4	52.2	78.2

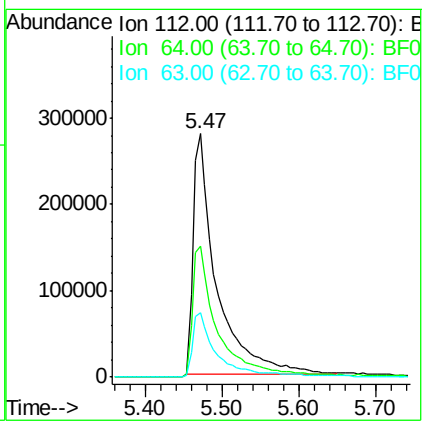


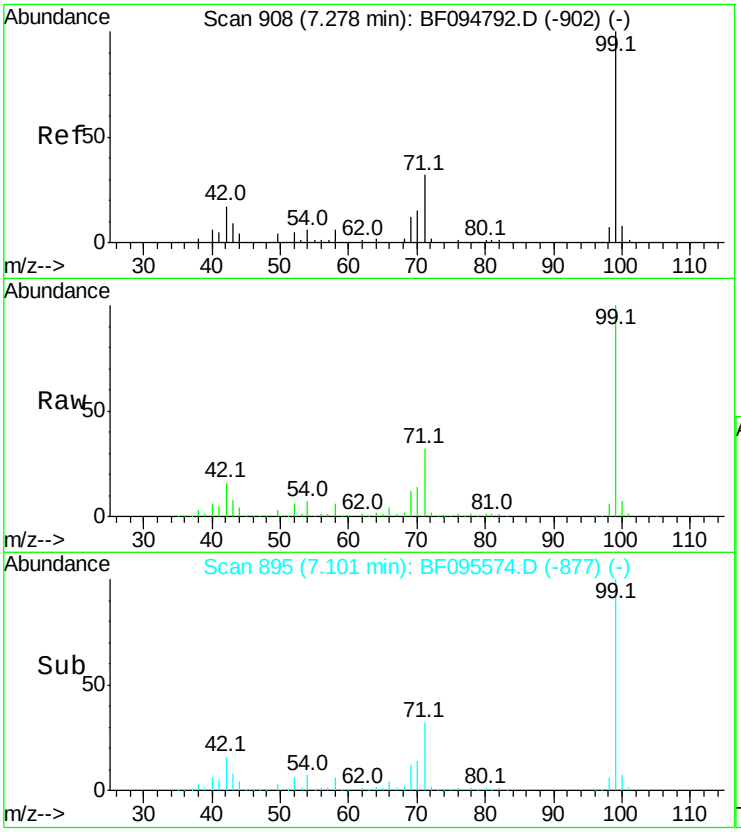


#5
2-Fluorophenol
Concen: 33.28 ng
RT: 5.47 min Scan# 618
Delta R.T. -0.24 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:112 Resp: 583754

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.6	23.4	35.0



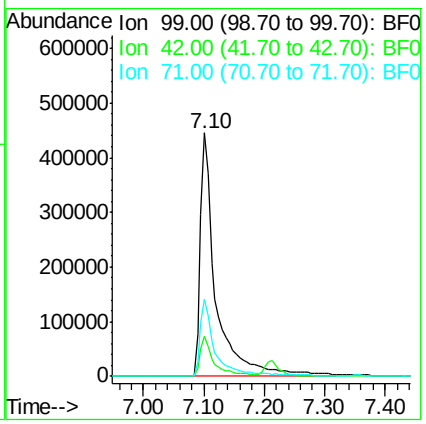


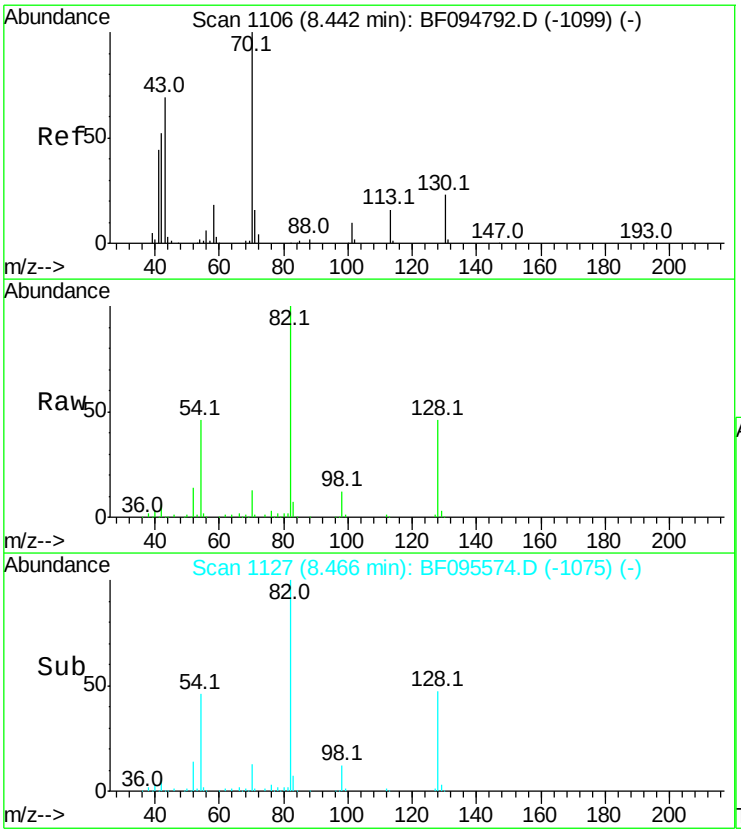
#7
Phenol-d6
Concen: 38.43 ng
RT: 7.10 min Scan# 895
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 808719

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.0	24.5	36.7

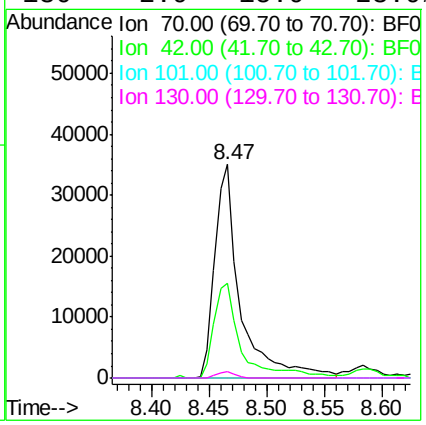


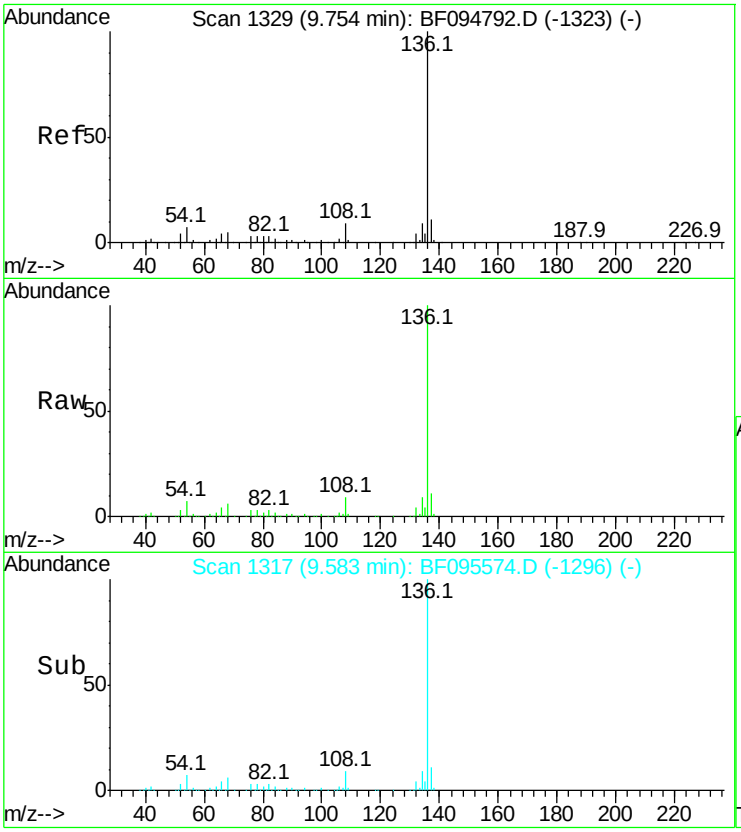


#19
n-Nitroso-di-n-propylamine
Concen: 3.78 ng
RT: 8.47 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion: 70 Resp: 53774

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#



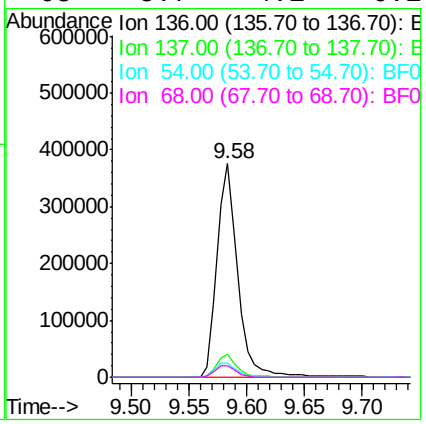


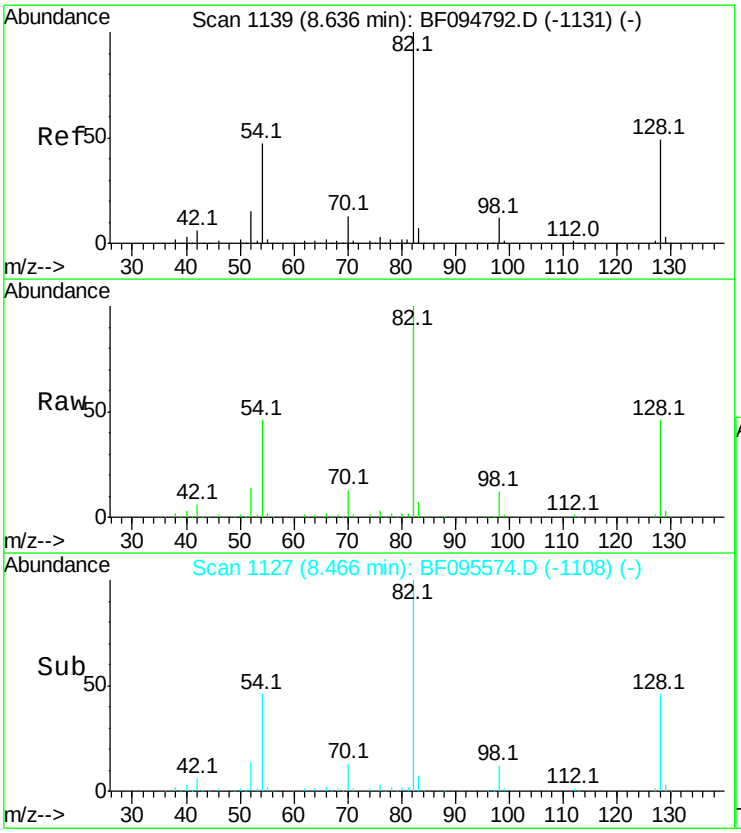
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 467377

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.6	4.9	7.3
68	5.7	4.1	6.1

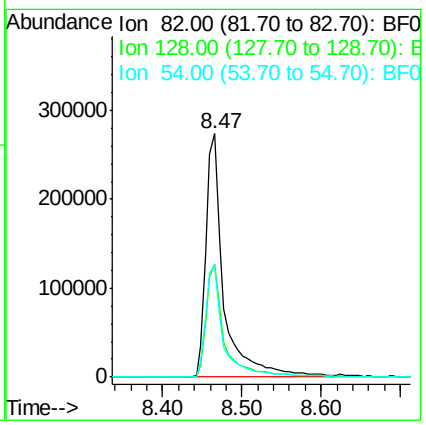


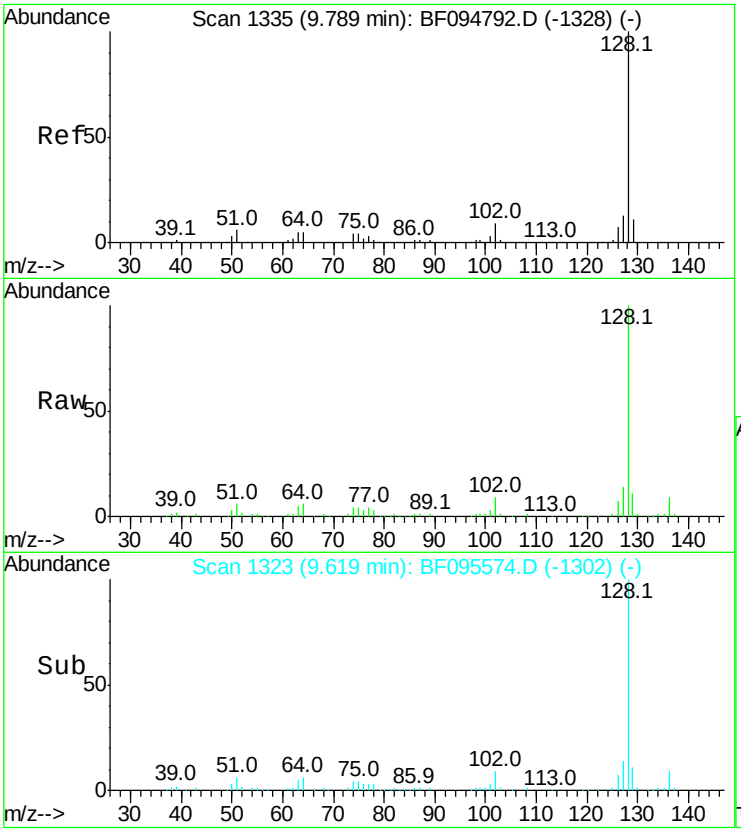


#23
Nitrobenzene-d5
Concen: 58.08 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion: 82 Resp: 430443

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	45.7	42.2	63.2



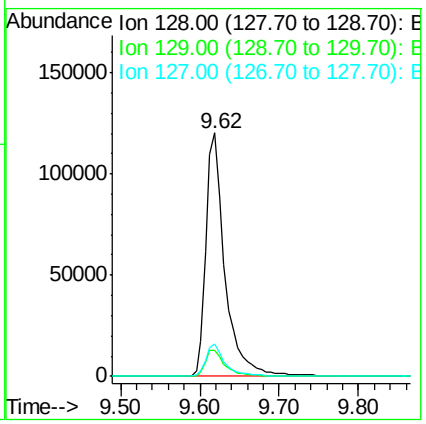


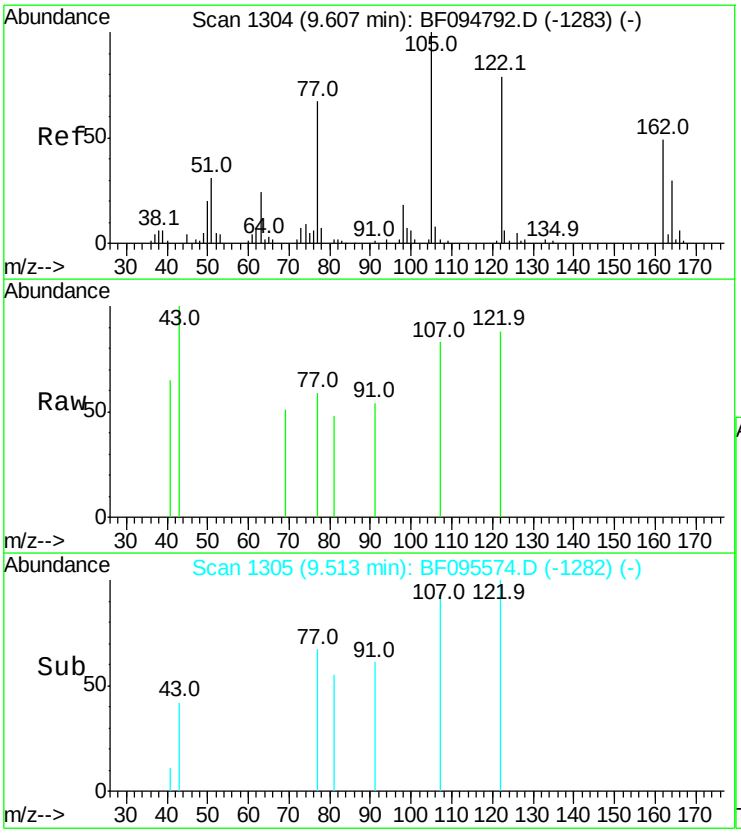
#31
Naphthalene
Concen: 8.54 ng
RT: 9.62 min Scan# 1323
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 200492

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.6	10.8	16.2

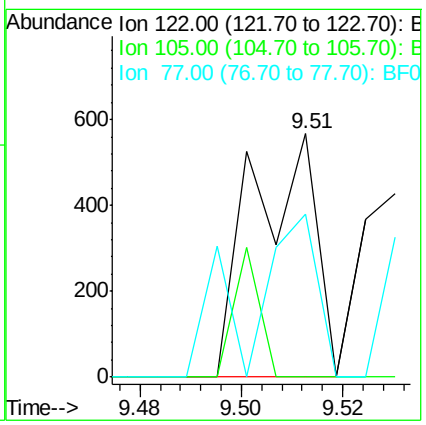


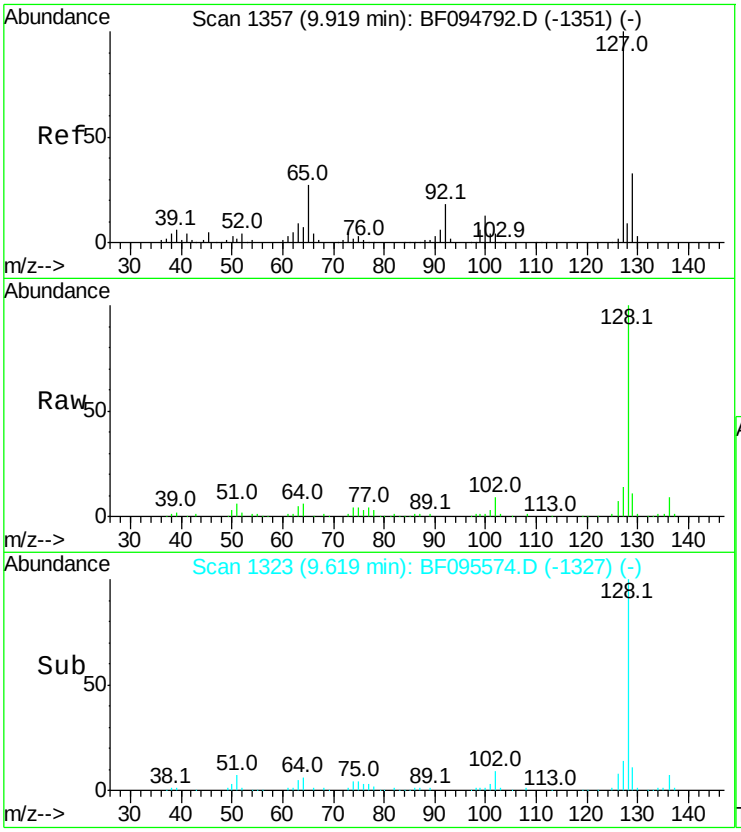


#32
Benzoic acid
Concen: 5.18 ng
RT: 9.51 min Scan# 1305
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:122 Resp: 494

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	67.2	73.7	113.7#



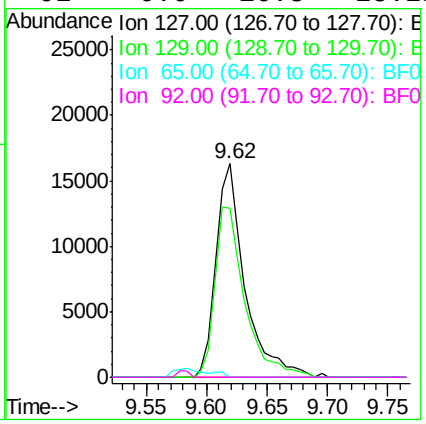


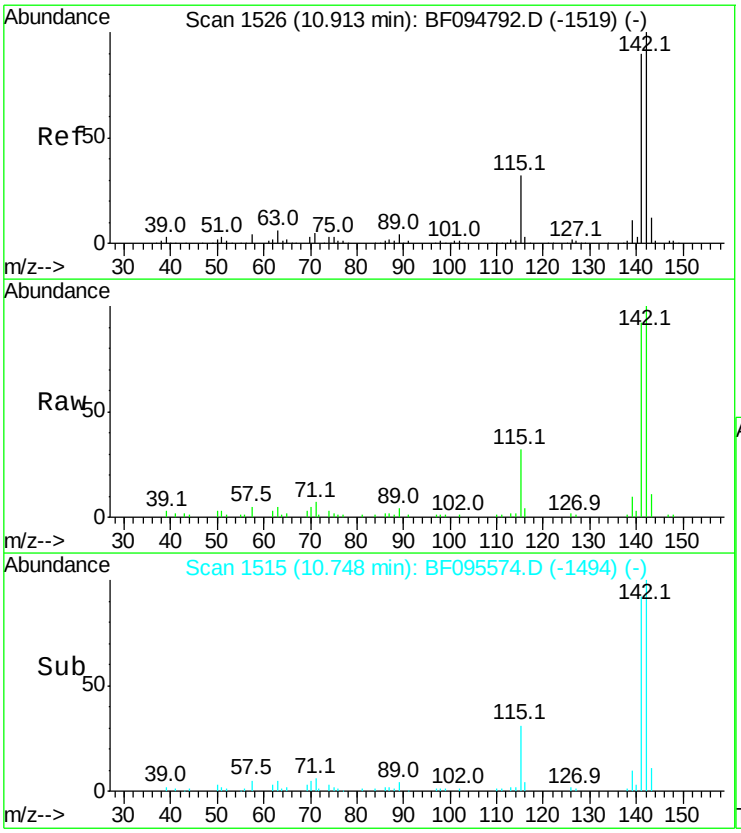
#33
4-Chloroaniline
Concen: 3.08 ng
RT: 9.62 min Scan# 1323
Delta R.T. -0.32 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 26952

Ion	Ratio	Lower	Upper
127	100		
129	79.2	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

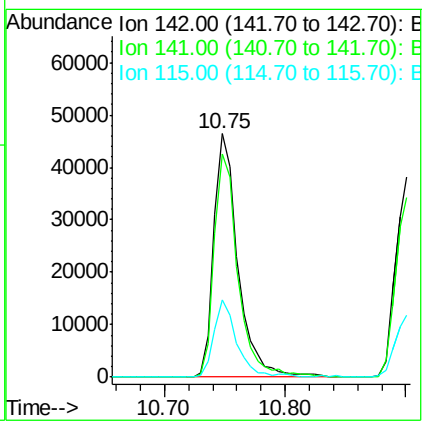


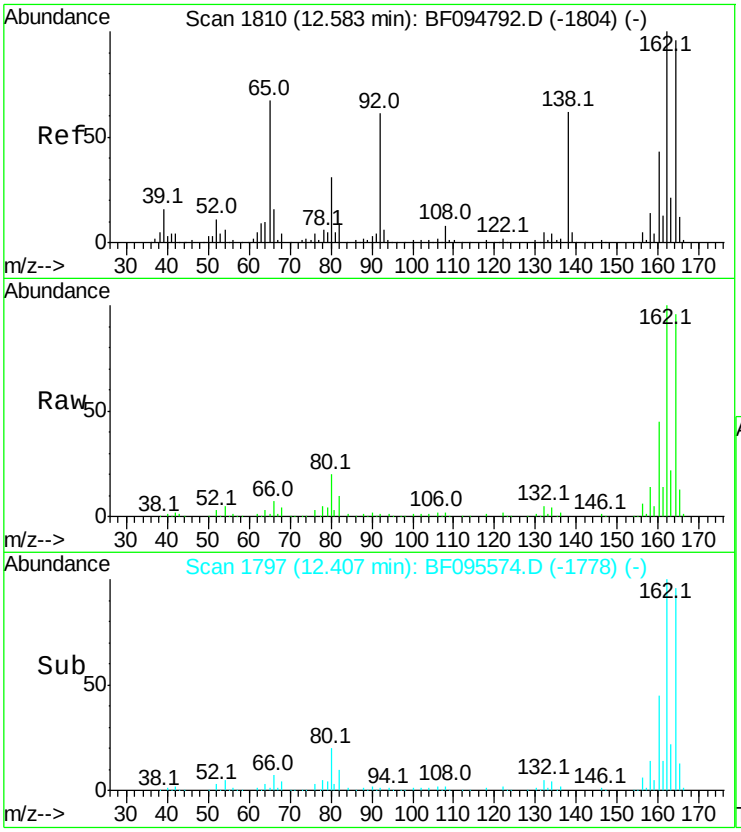


#37
2-Methylnaphthalene
Concen: 4.14 ng
RT: 10.75 min Scan# 1515
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:142 Resp: 63844

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.3	106.9
115	31.8	27.1	40.7



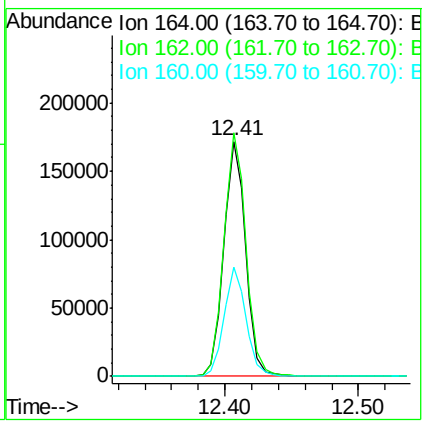


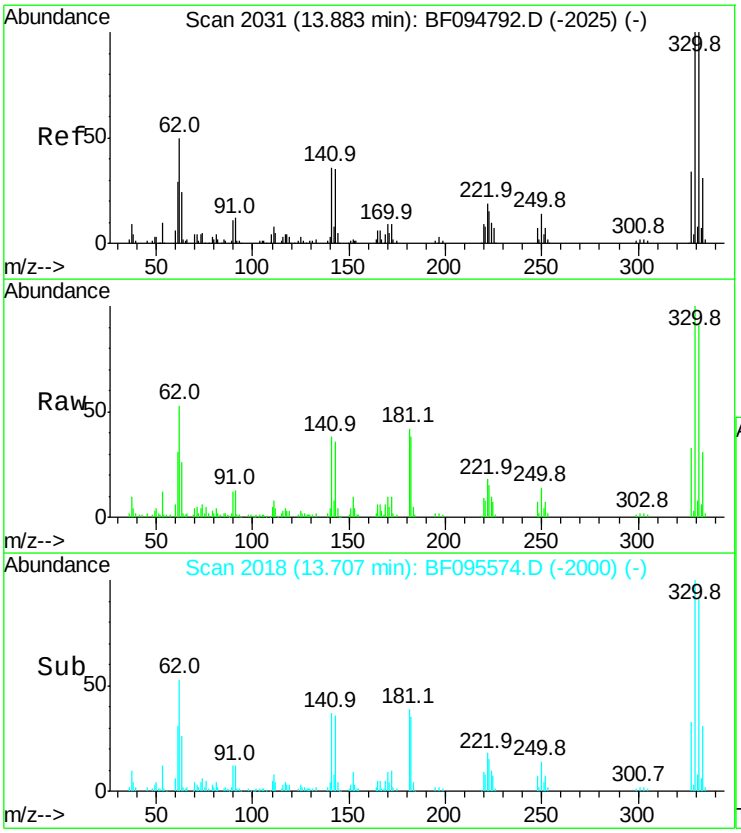
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 198486

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.8	36.2	54.2

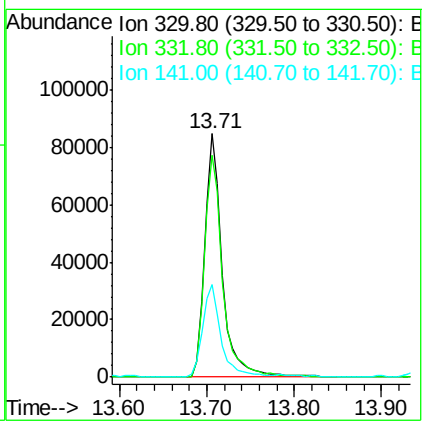


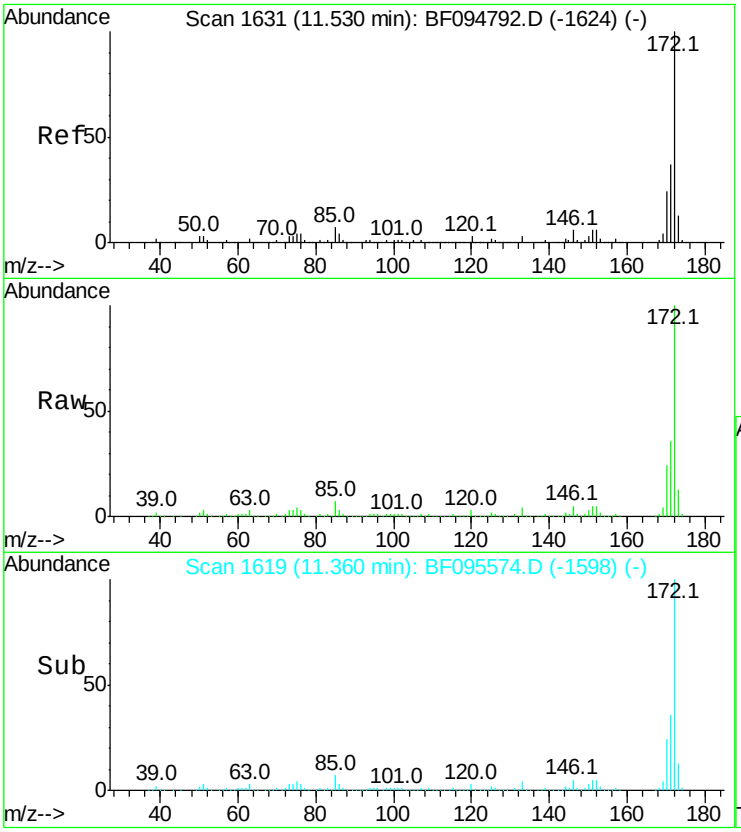


#41
2,4,6-Tribromophenol
Concen: 72.26 ng
RT: 13.71 min Scan# 2018
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:330 Resp: 117467

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.9	31.4	47.2



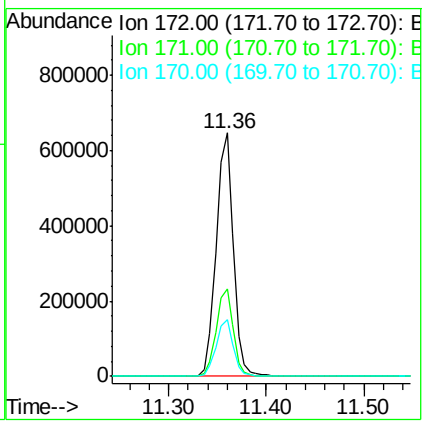


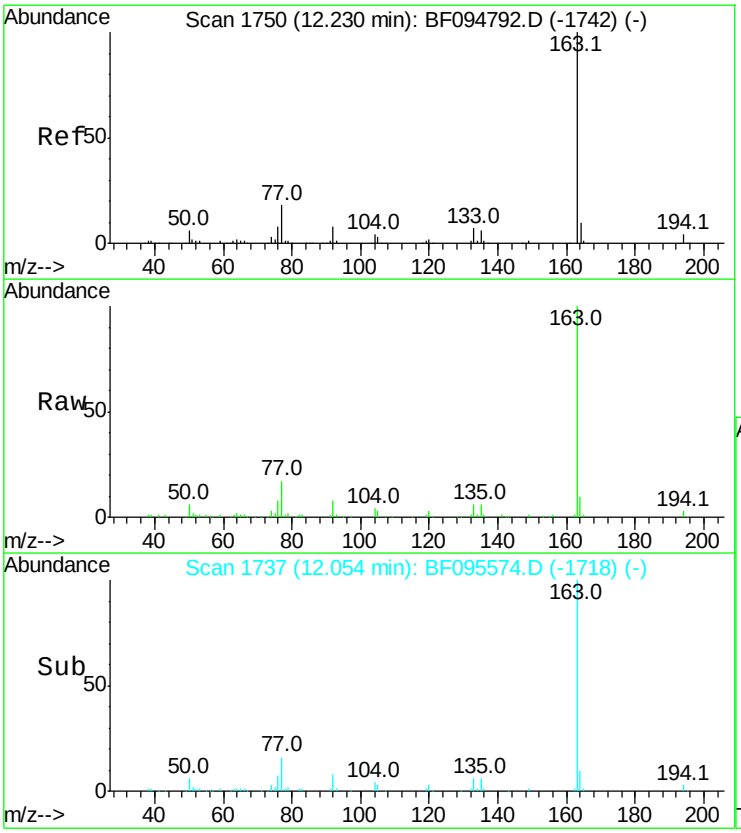
#44
2-Fluorobiphenyl
Concen: 57.19 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 788702

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8

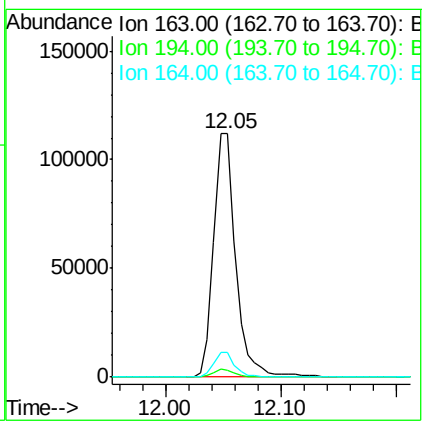


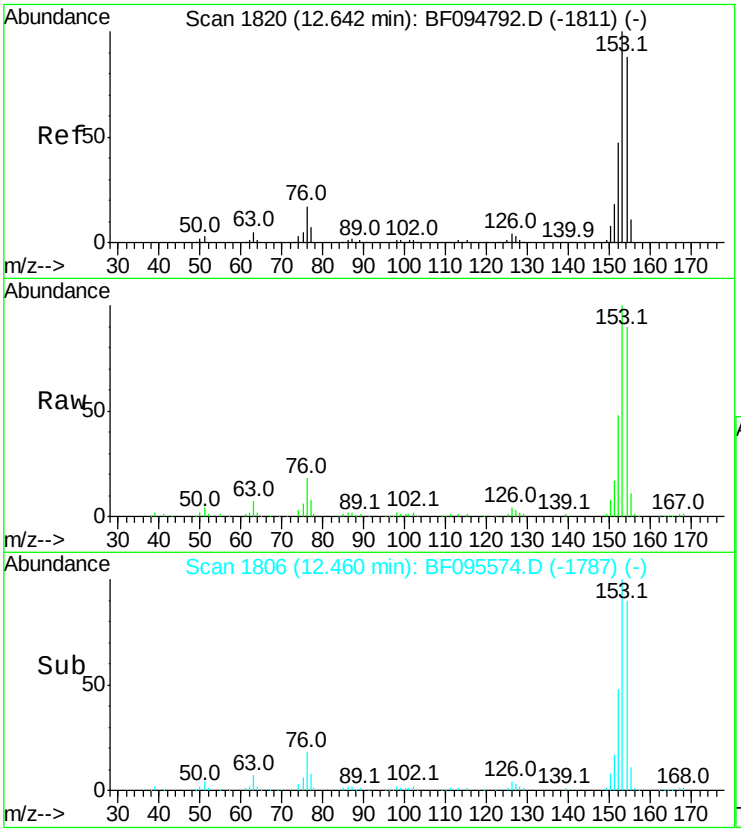


#49
Dimethylphthalate
Concen: 9.19 ng
RT: 12.05 min Scan# 1737
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:163 Resp: 149778

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.9	8.4	12.6



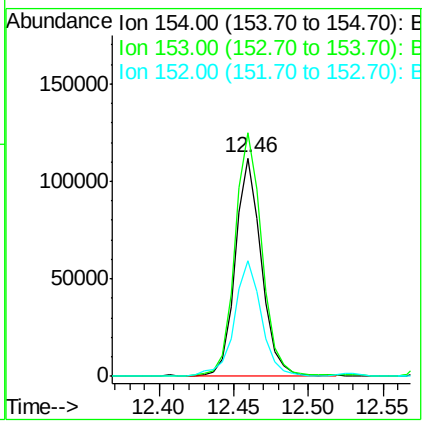


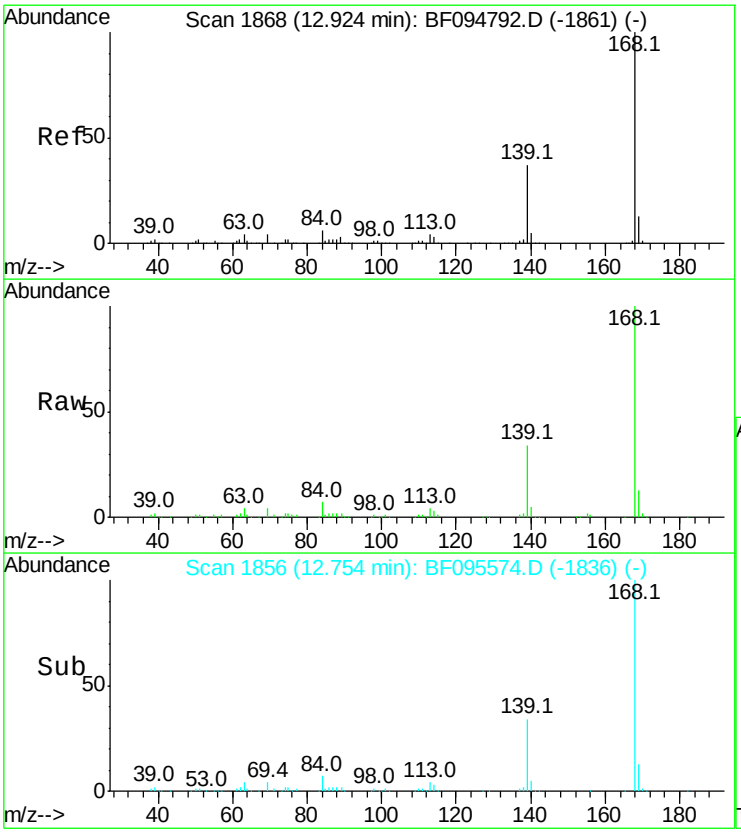
#51
Acenaphthene
Concen: 10.82 ng
RT: 12.46 min Scan# 1806
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 136529

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.5	135.7
152	53.0	43.6	65.4

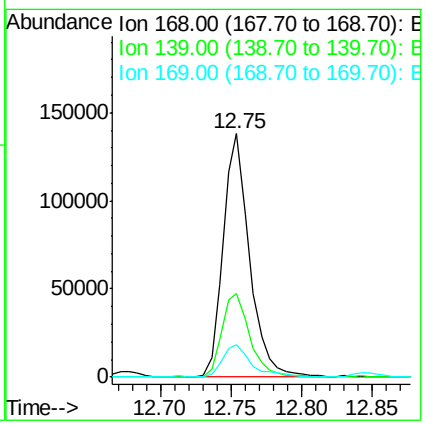


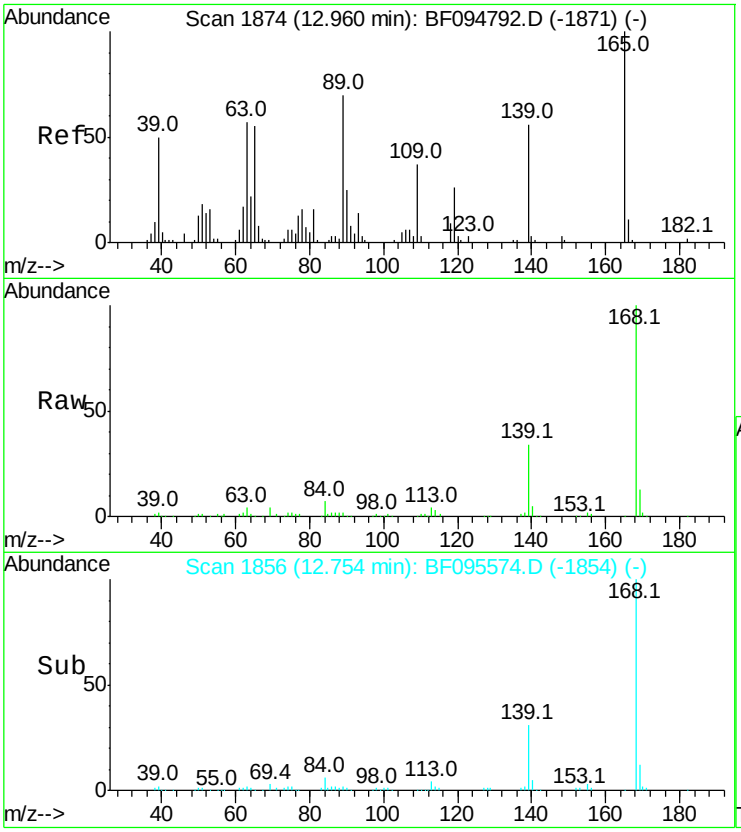


#54
Dibenzofuran
Concen: 10.25 ng
RT: 12.75 min Scan# 1856
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:168 Resp: 178979

Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.6	45.8
169	13.1	10.8	16.2



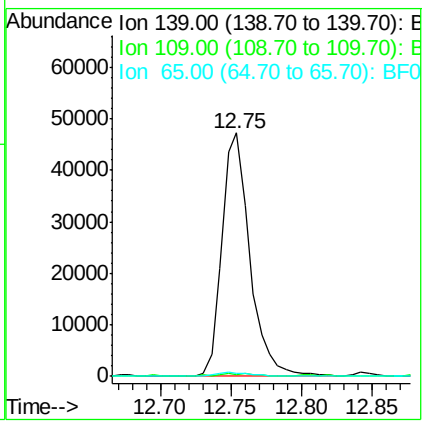


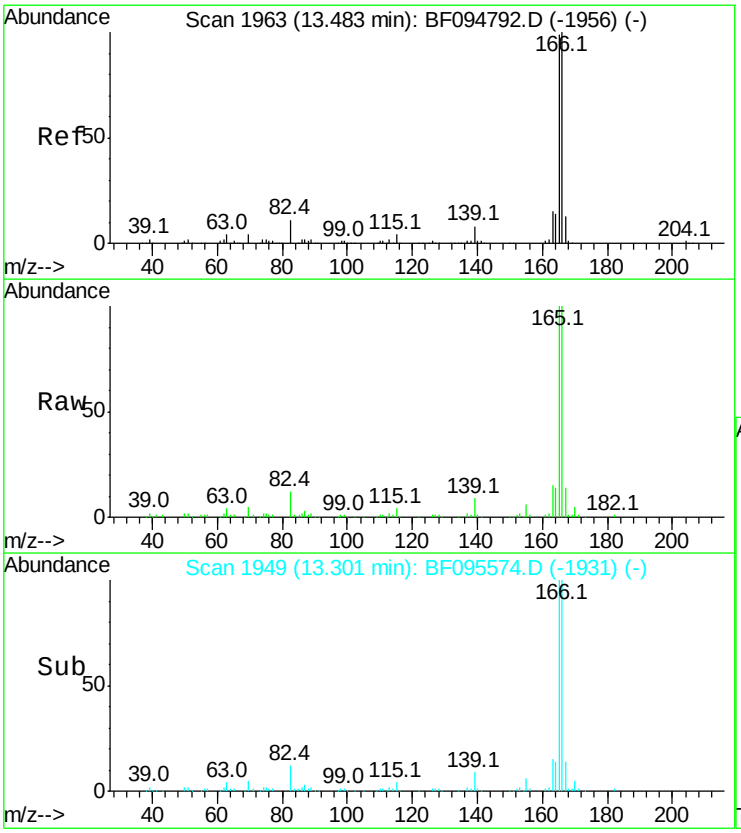
#55
4-Nitrophenol
Concen: 30.31 ng
RT: 12.75 min Scan# 1856
Delta R.T. -0.29 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 64952

Ion	Ratio	Lower	Upper
139	100		
109	0.9	34.1	74.1#
65	1.4	31.4	71.4#

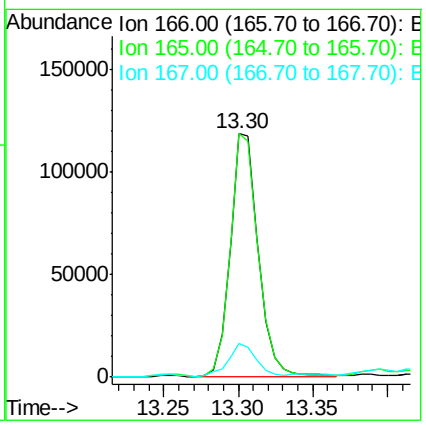


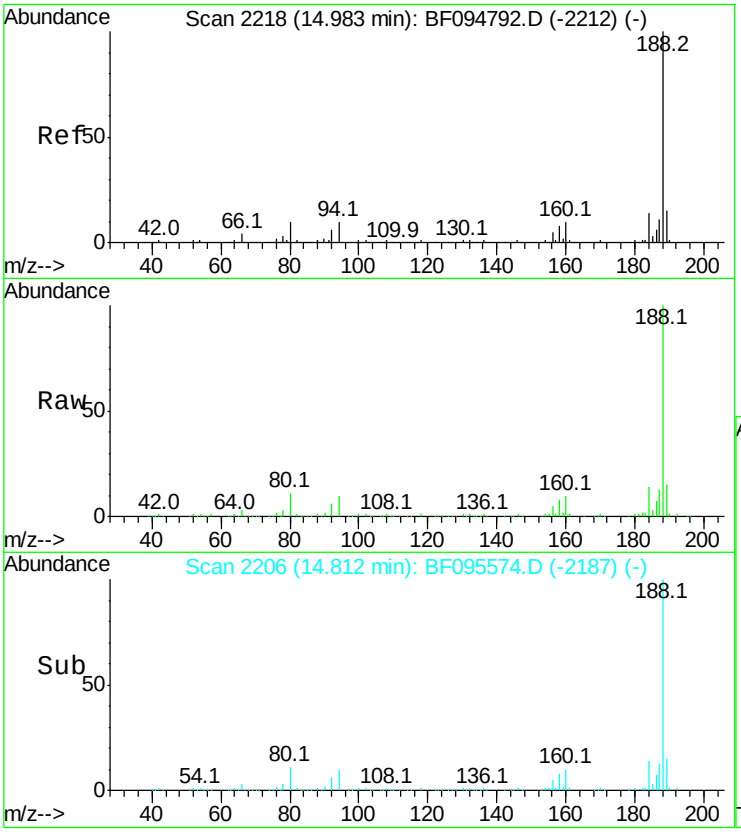


#57
Fluorene
Concen: 10.18 ng
RT: 13.30 min Scan# 1949
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:166 Resp: 154663

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.8	118.2
167	13.9	10.6	16.0



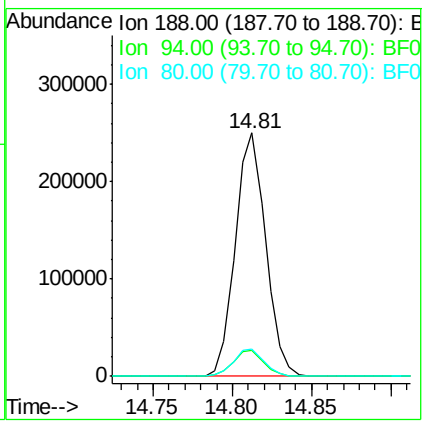


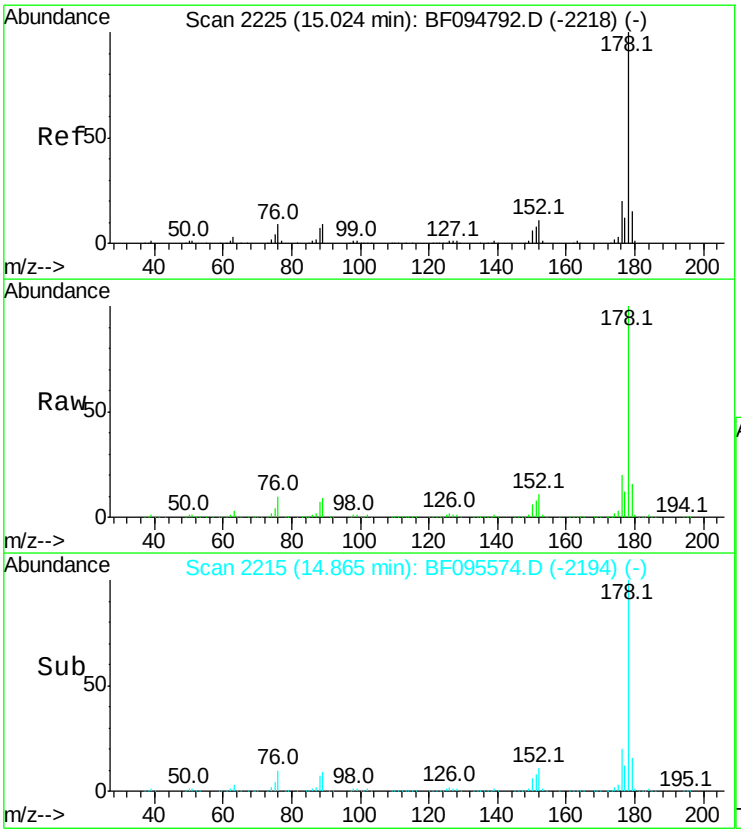
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 332033

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.1	10.2	15.2

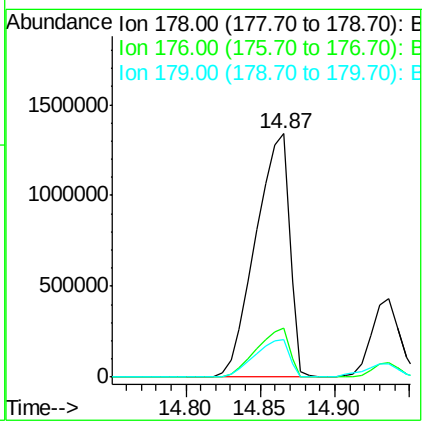


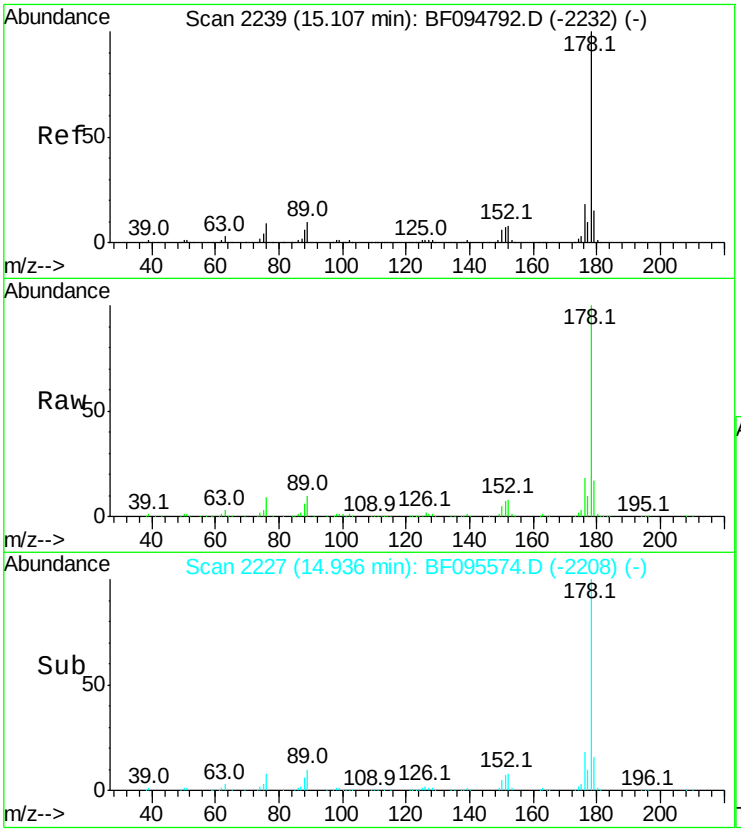


#70
Phenanthrene
Concen: 110.78 ng
RT: 14.87 min Scan# 2215
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:178 Resp: 2113353

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.7	12.6	19.0



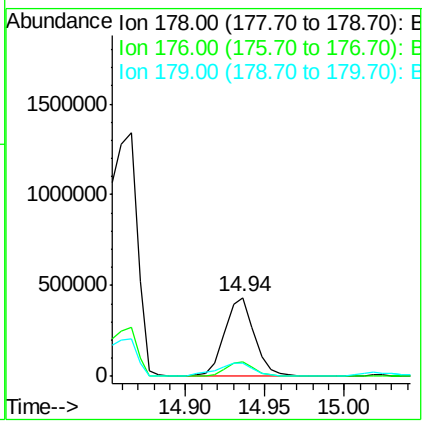


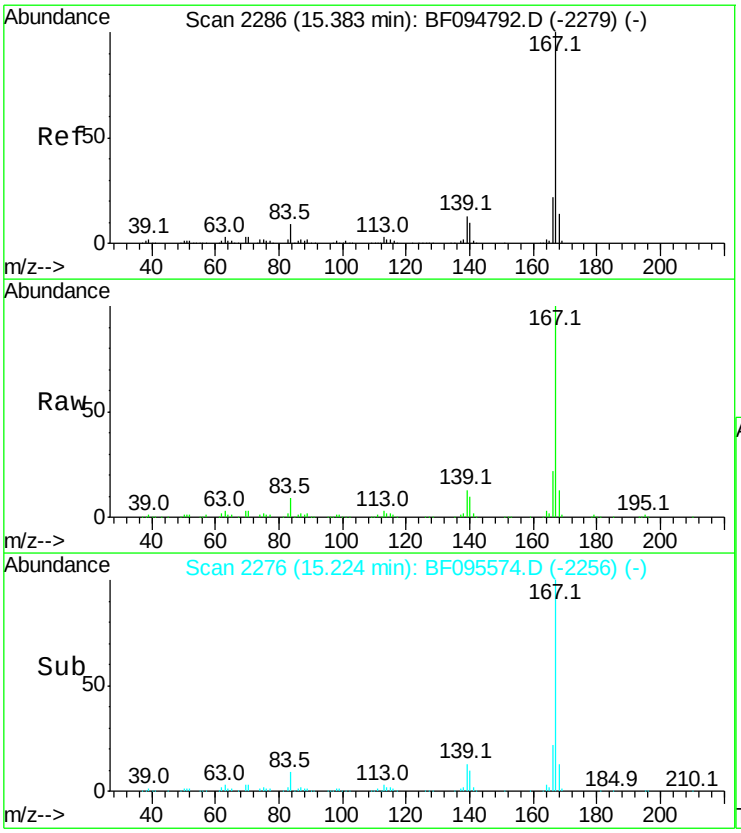
#71
Anthracene
Concen: 28.73 ng
RT: 14.94 min Scan# 2227
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 559824

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	16.5	12.7	19.1

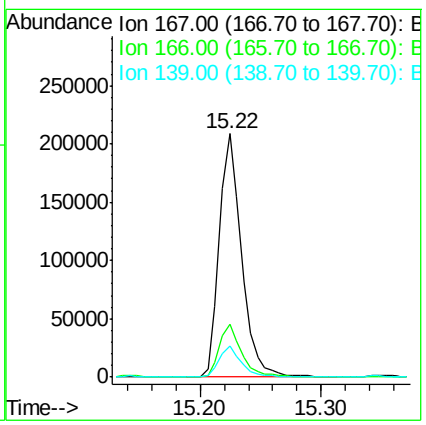


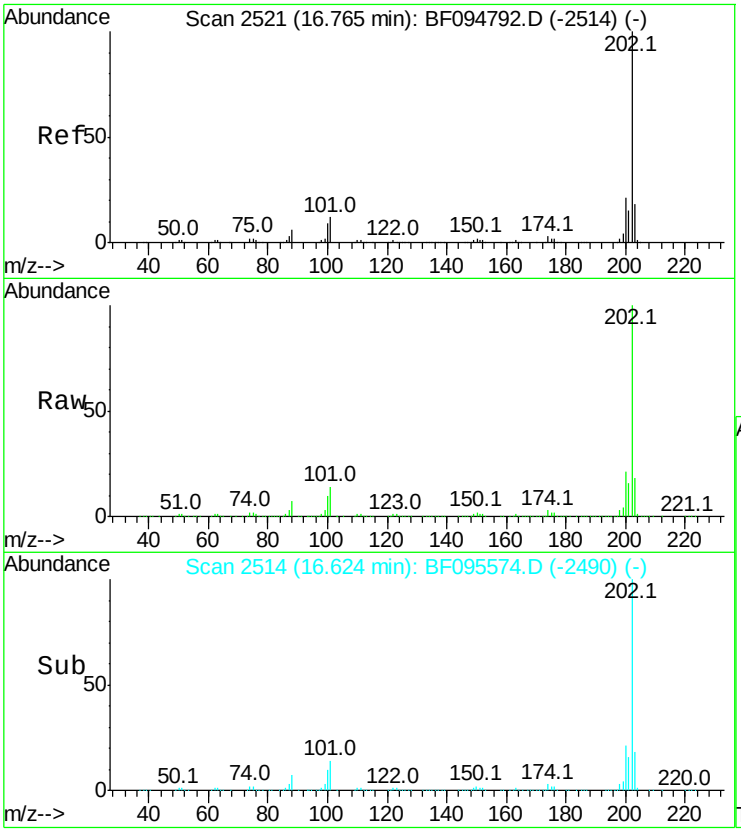


#72
Carbazole
Concen: 15.04 ng
RT: 15.22 min Scan# 2276
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:167 Resp: 266610

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.6	11.7	17.5



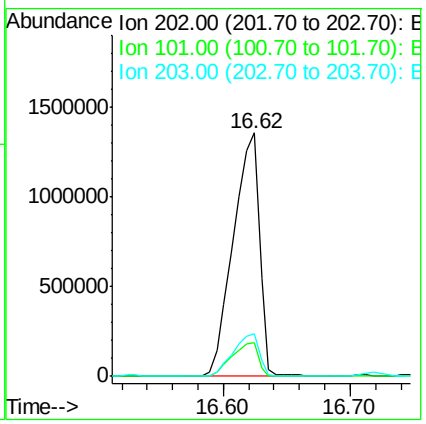


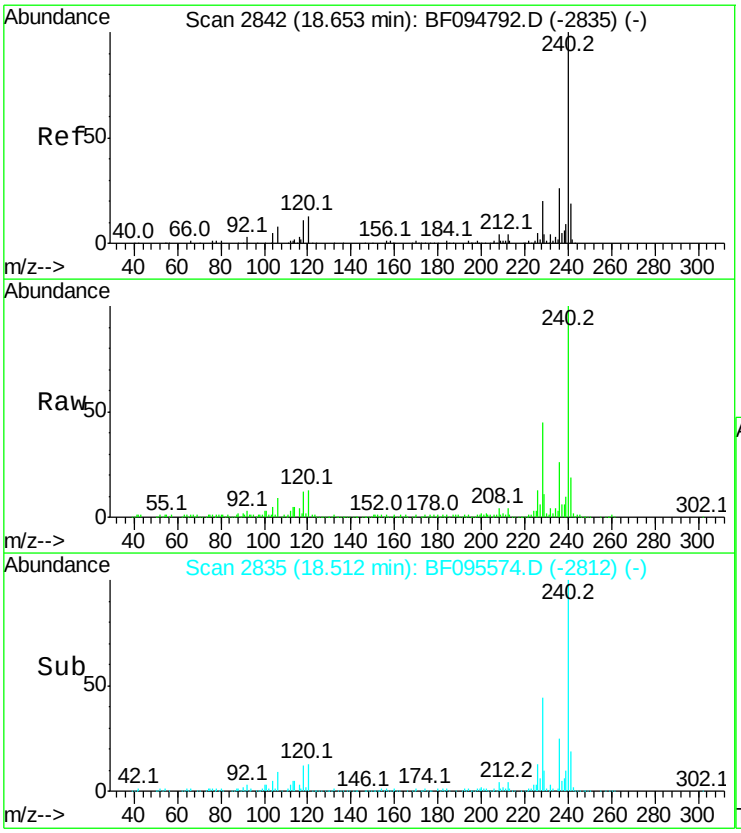
#74
Fluoranthene
Concen: 99.42 ng
RT: 16.62 min Scan# 2514
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1945585

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.6	0.0	38.1

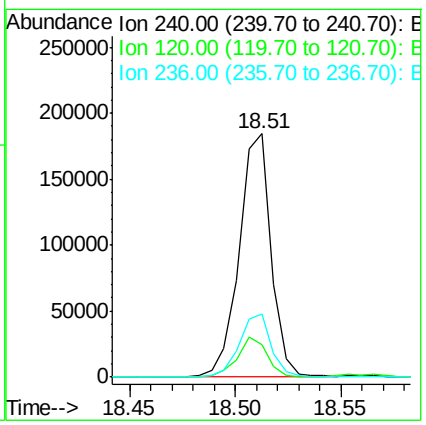


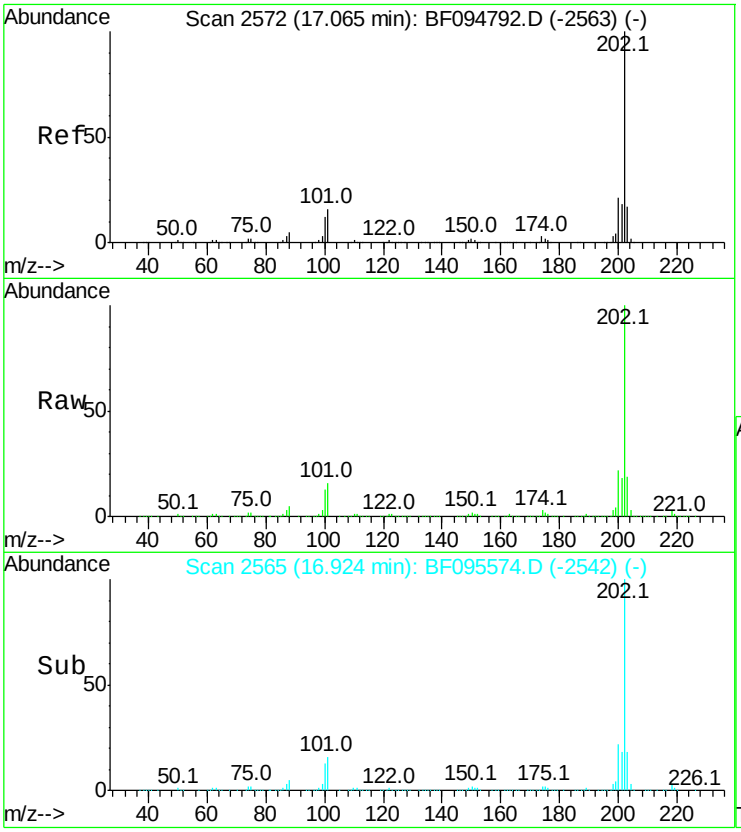


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2835
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:240 Resp: 191772

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.2	20.5	30.7



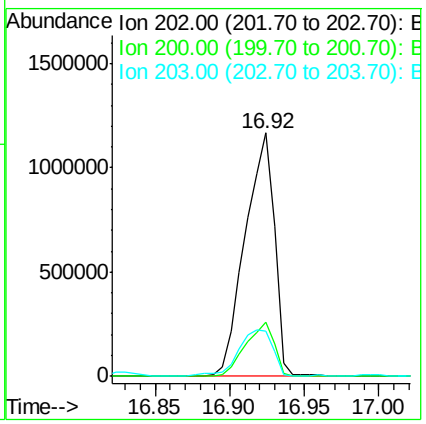


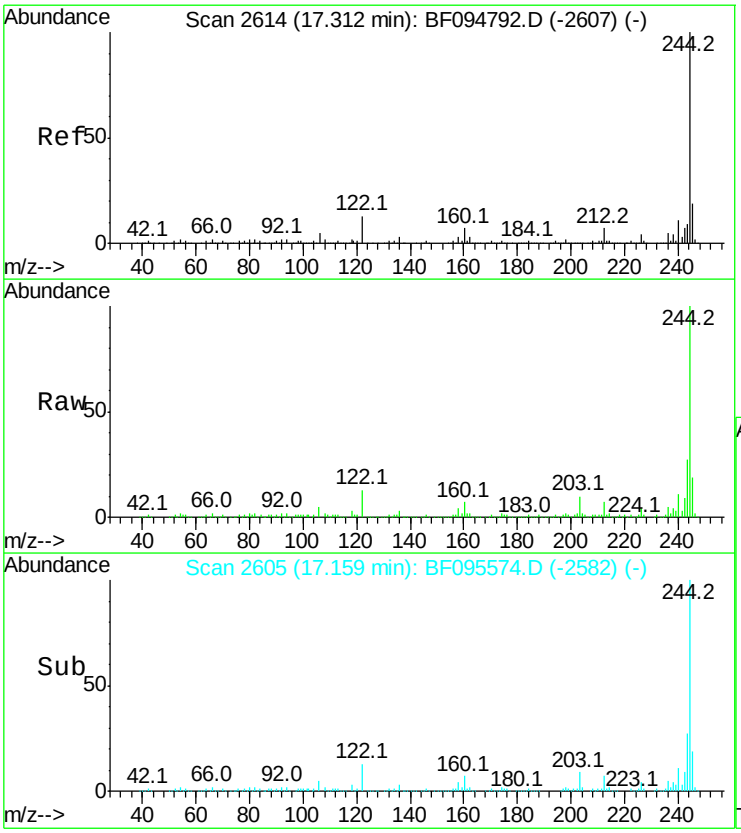
#77
Pyrene
Concen: 110.06 ng
RT: 16.92 min Scan# 2565
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1578595

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.7	14.4	21.6

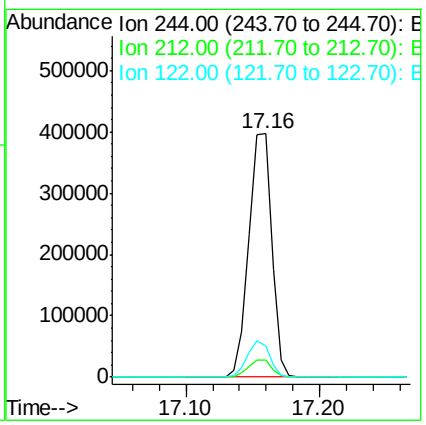


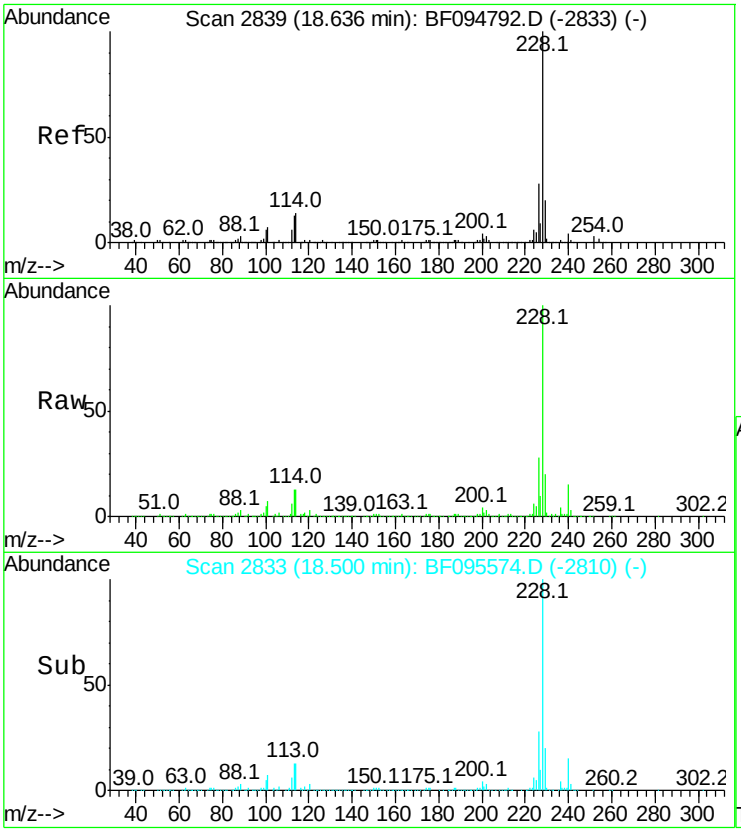


#78
Terphenyl-d14
Concen: 53.67 ng
RT: 17.16 min Scan# 2605
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:244 Resp: 467260

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.0	10.3	15.5



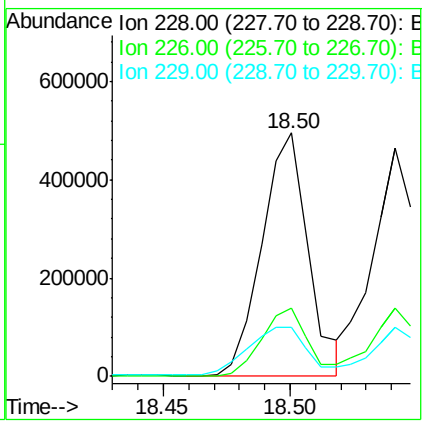


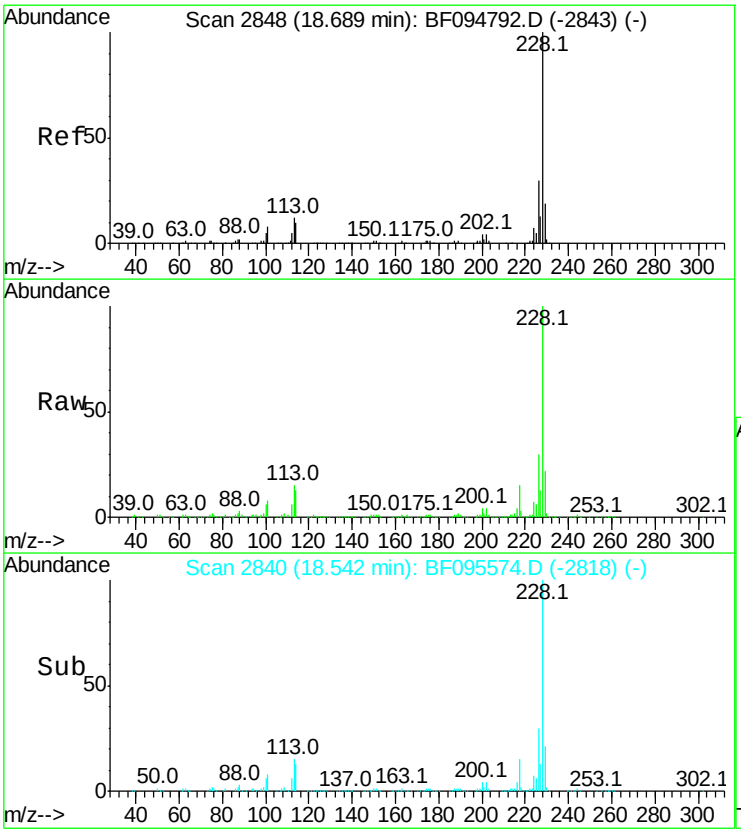
#80
Benzo(a)anthracene
Concen: 56.55 ng
RT: 18.50 min Scan# 2833
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 631116

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	16.3	24.5

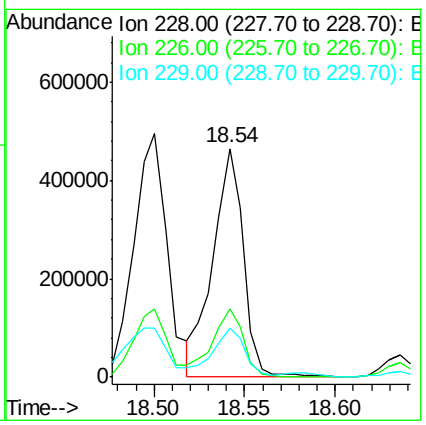


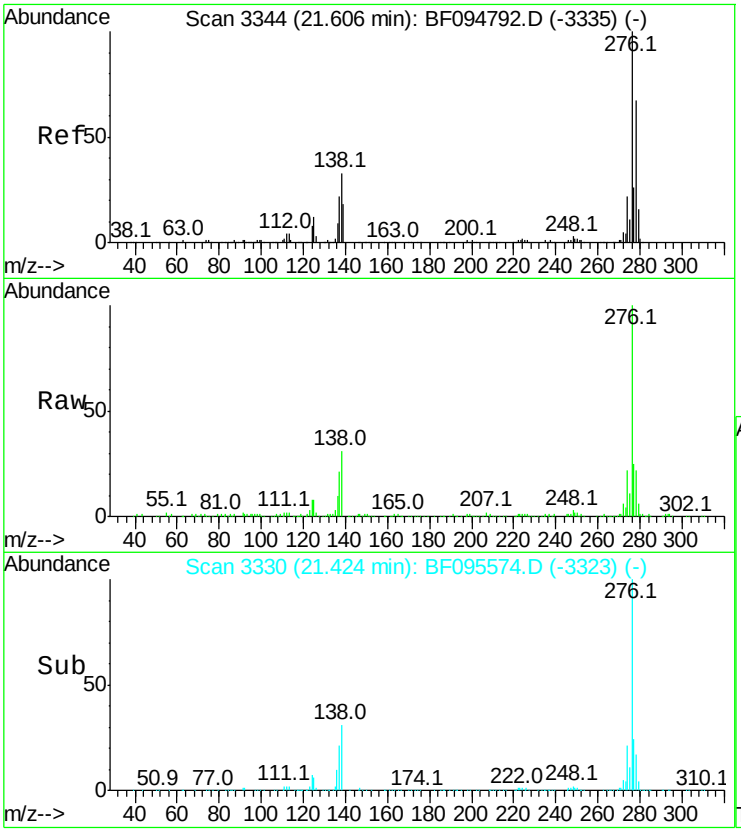


#82
Chrysene
Concen: 50.01 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.17 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:228 Resp: 539664

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.5	15.8	23.6



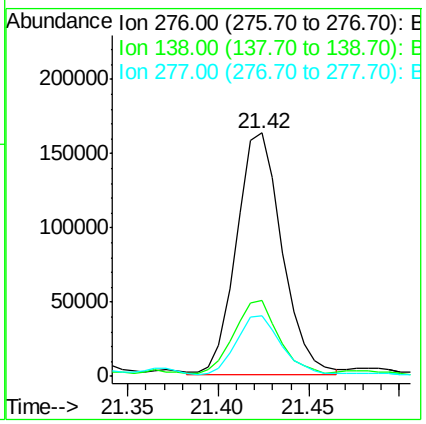


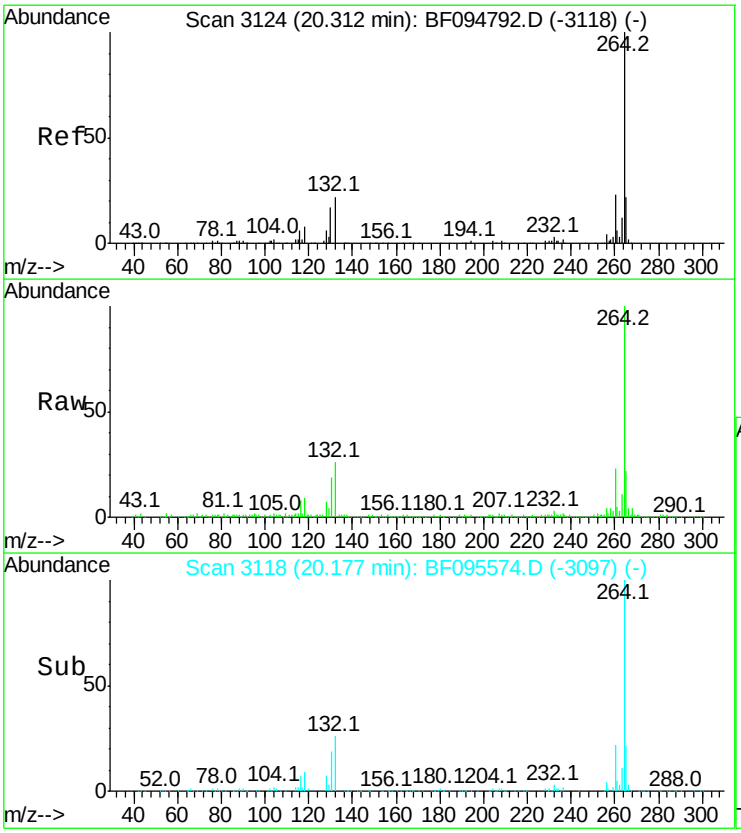
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.48 ng
RT: 21.42 min Scan# 3330
Delta R.T. -0.26 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 284652

Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.8	41.6
277	23.5	20.2	30.4

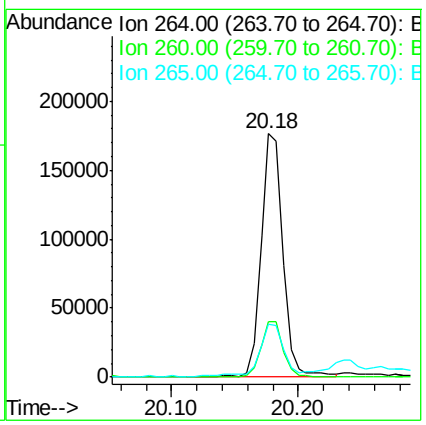


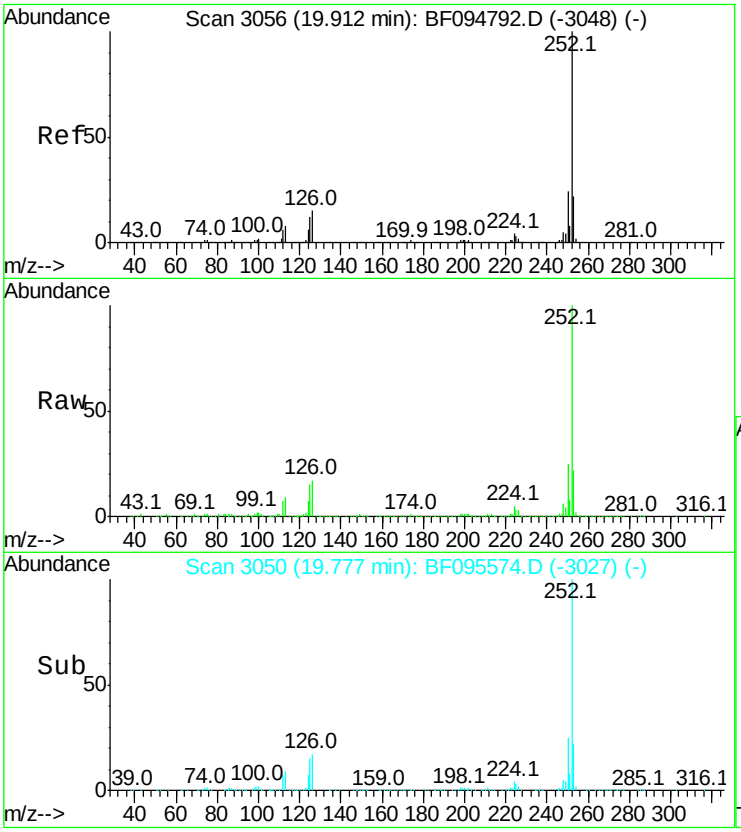


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:264 Resp: 212287

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.8	17.2	25.8



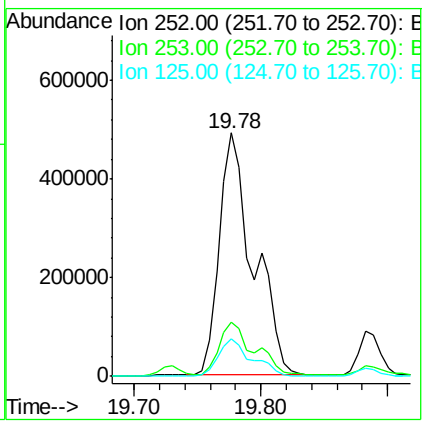


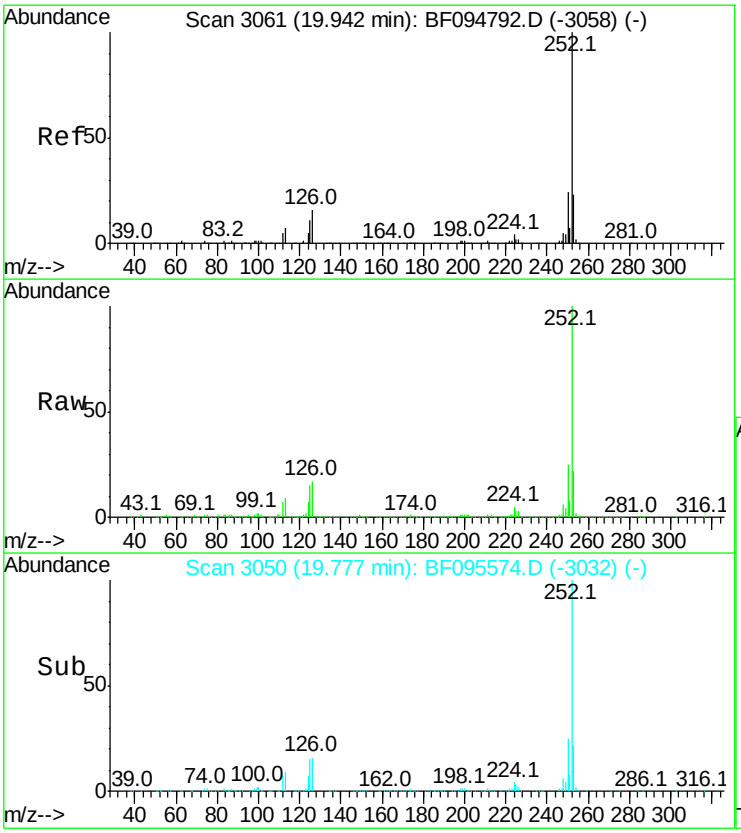
#87
Benzo(b)fluoranthene
Concen: 70.15 ng
RT: 19.78 min Scan# 3050
Delta R.T. -0.16 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 920226

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.3	9.8	14.8#

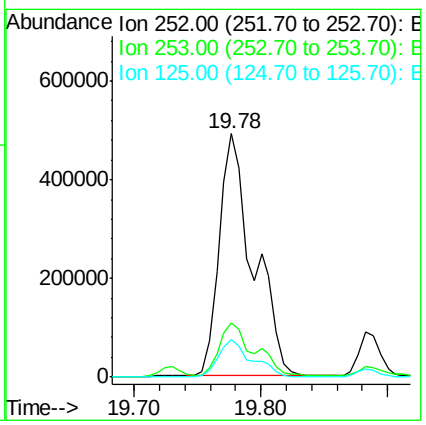


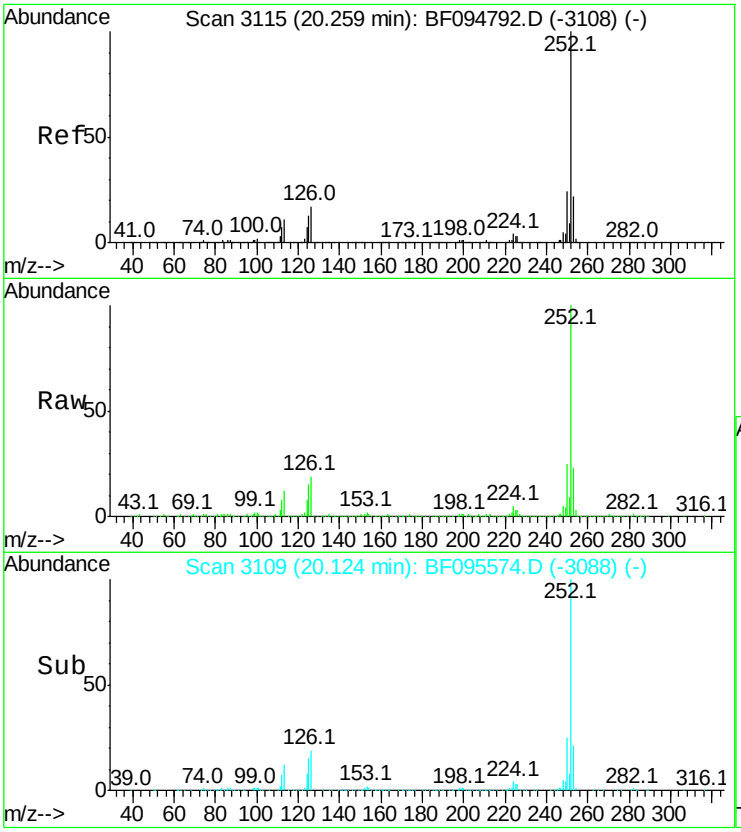


#88
Benzo(k)fluoranthene
Concen: 72.73 ng
RT: 19.78 min Scan# 3050
Delta R.T. -0.19 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:252 Resp: 920226

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	15.3	13.1	19.7



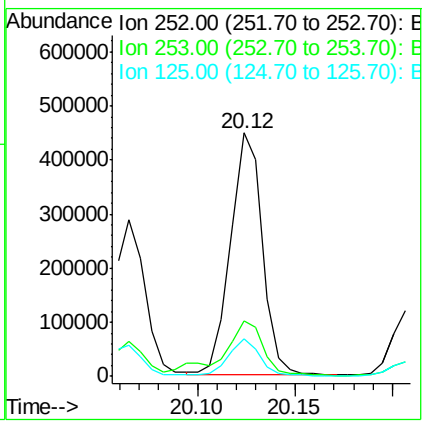


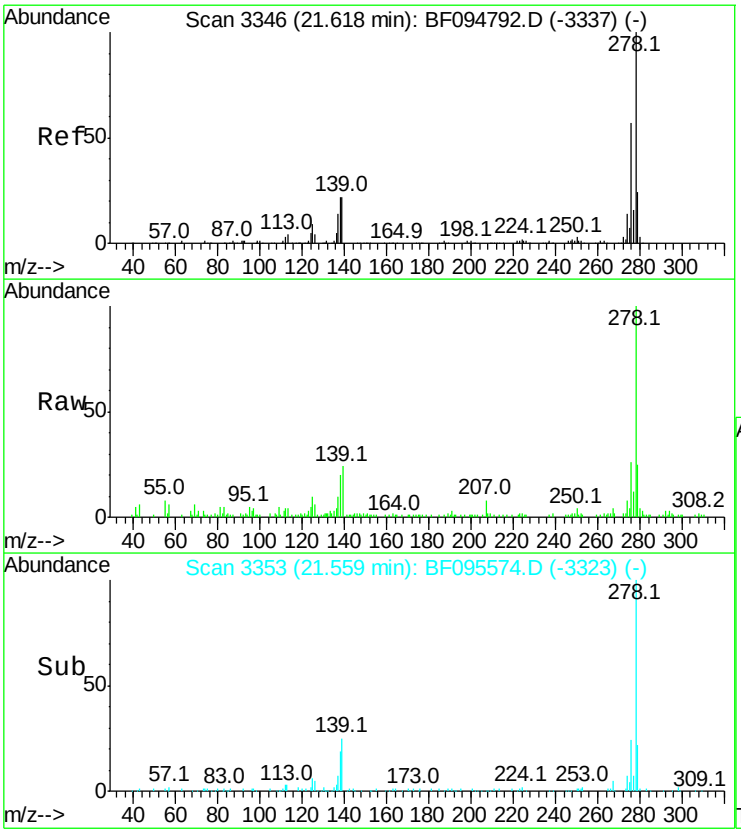
#89
Benzo(a)pyrene
Concen: 41.99 ng
RT: 20.12 min Scan# 3109
Delta R.T. -0.18 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 508296

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.3	11.0	16.4

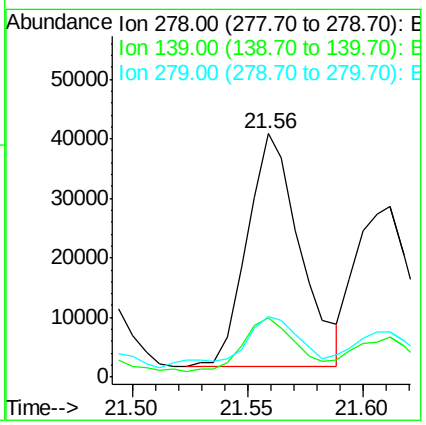


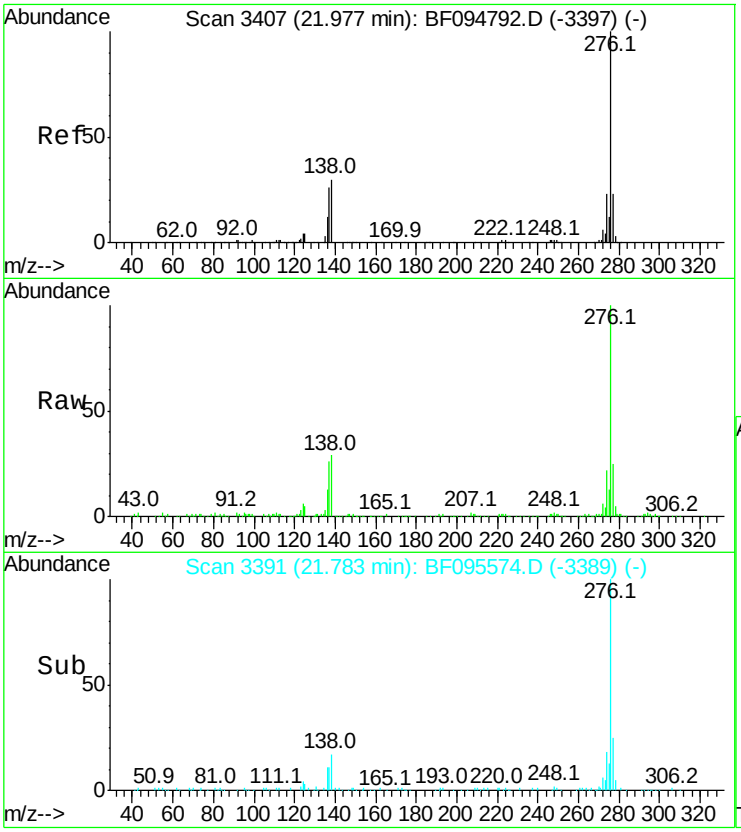


#90
Dibenzo(a,h)anthracene
Concen: 6.26 ng
RT: 21.56 min Scan# 3353
Delta R.T. -0.12 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Tgt Ion:278 Resp: 62613

Ion	Ratio	Lower	Upper
278	100		
139	24.2	16.6	24.8
279	24.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 26.33 ng
RT: 21.78 min Scan# 3391
Delta R.T. -0.29 min
Lab File: BF095574.D
Acq: 31 May 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 258266

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	29.2	25.4	38.0