Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095020.D
Acq On : 9 May 2017 13:11
Operator : SJ/MA
Sample : I3013-02 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 16:03:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	74092	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	340088	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	150167	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	238415	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	192713	20.00	ng		-0.02
86) Perylene-d12	20.30	264	153170	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	75737	17.04	ng		0.00
7) Phenol-d6	7.27	99	82067	15.39	ng		-0.01
23) Nitrobenzene-d5	8.61	82	50354	9.34	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	17290	14.06	ng		-0.01
44) 2-Fluorobiphenyl	11.51	172	99048	9.49	ng		-0.02
78) Terphenyl-d14	17.29	244	60523	6.92	ng		-0.02
Target Compounds							Qvalue
18) Hexachloroethane	8.61	117	4772	2.42	ng	#	7
32) Benzoic acid	9.61	122	3015	5.91	ng	#	21
35) Caprolactam	10.53	113	14613	10.45	ng	#	53
55) 4-Nitrophenol	12.92	139	5797	3.58	ng	#	54
70) Phenanthrene	15.01	178	92846	6.78	ng		97
71) Anthracene	15.01	178	92846	6.64	ng		98
74) Fluoranthene	16.75	202	91364	6.50	ng		99
76) Benzidine	16.96	184	390	6.65	ng	#	1
77) Pyrene	17.05	202	107106	7.43	ng		97
80) Benzo(a)anthracene	18.62	228	42381	3.78	ng		92
82) Chrysene	18.67	228	42349	3.90	ng		98
85) Indeno(1,2,3-cd)pyrene	21.61	276	23181	2.63	ng		99
87) Benzo(b)fluoranthene	19.90	252	73204	7.73	ng	#	92
88) Benzo(k)fluoranthene	19.90	252	73204	8.02	ng	#	95
89) Benzo(a)pyrene	20.25	252	46405	5.31	ng	#	93
91) Benzo(g,h,i)perylene	21.98	276	27101	3.83	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
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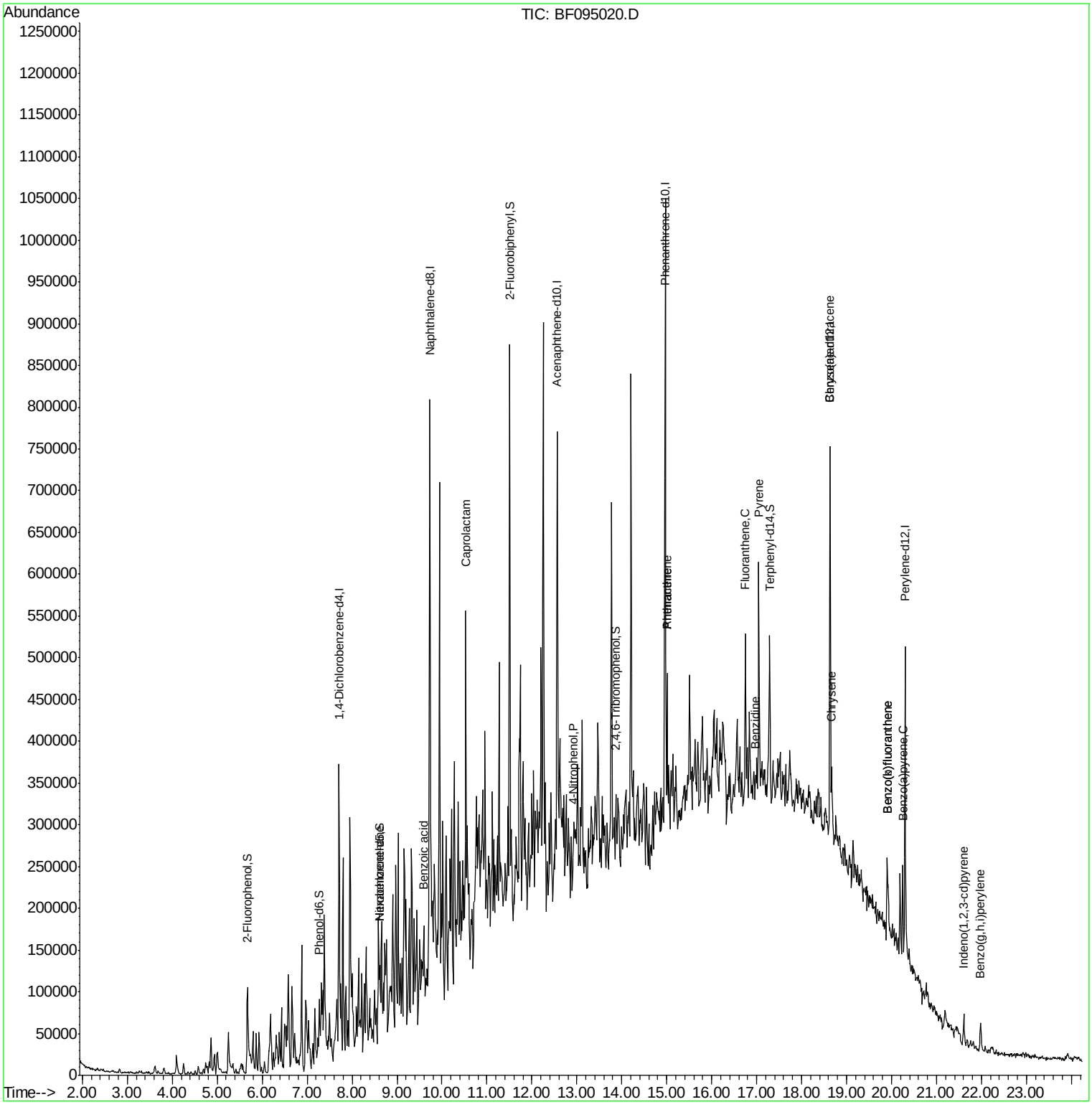
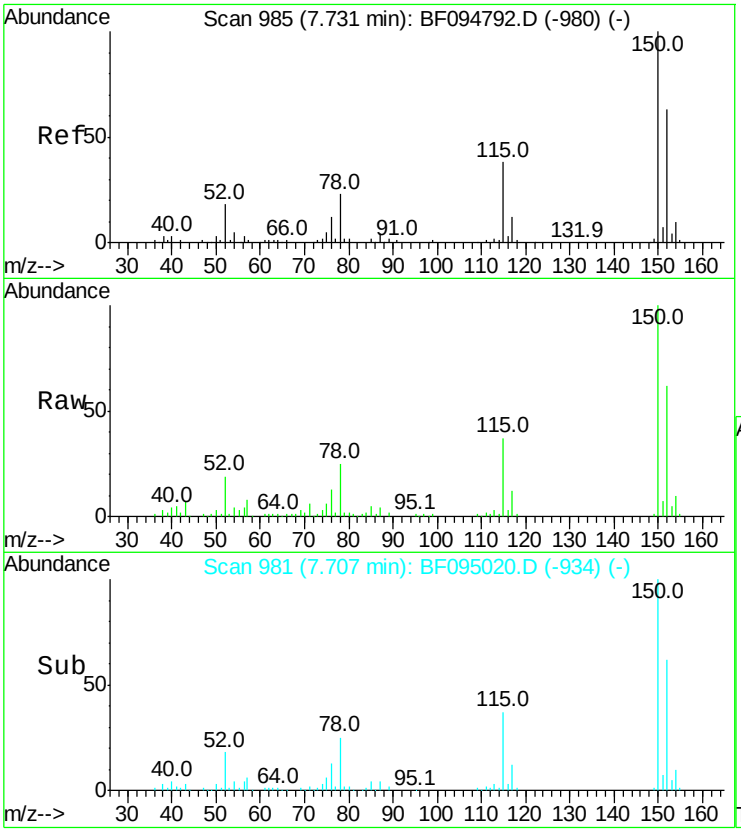


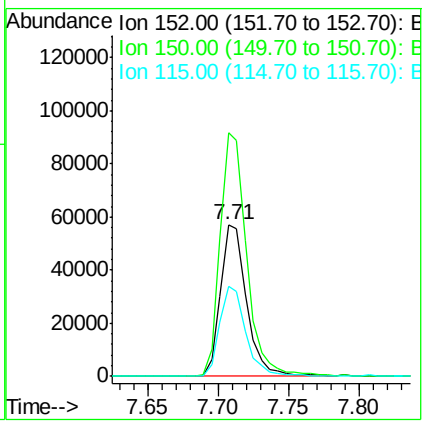


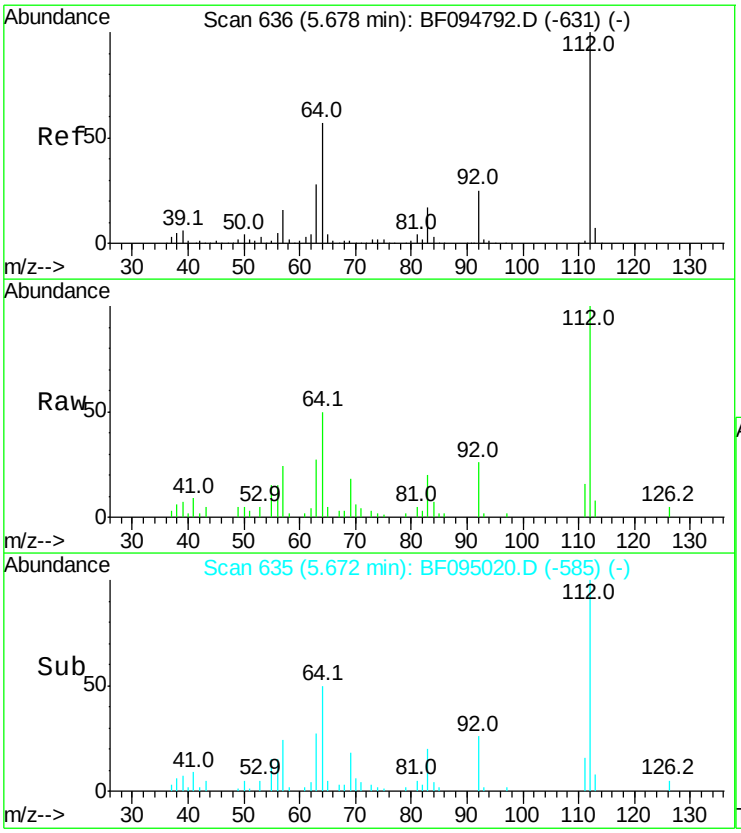
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 74092

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	59.2	52.2	78.2

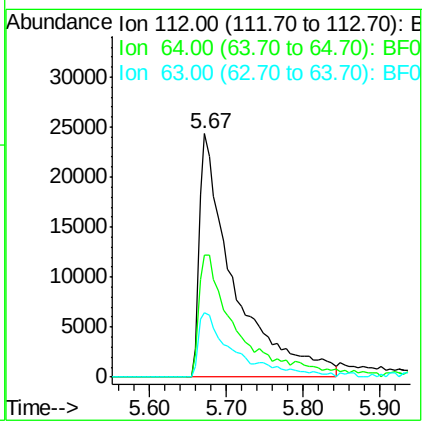


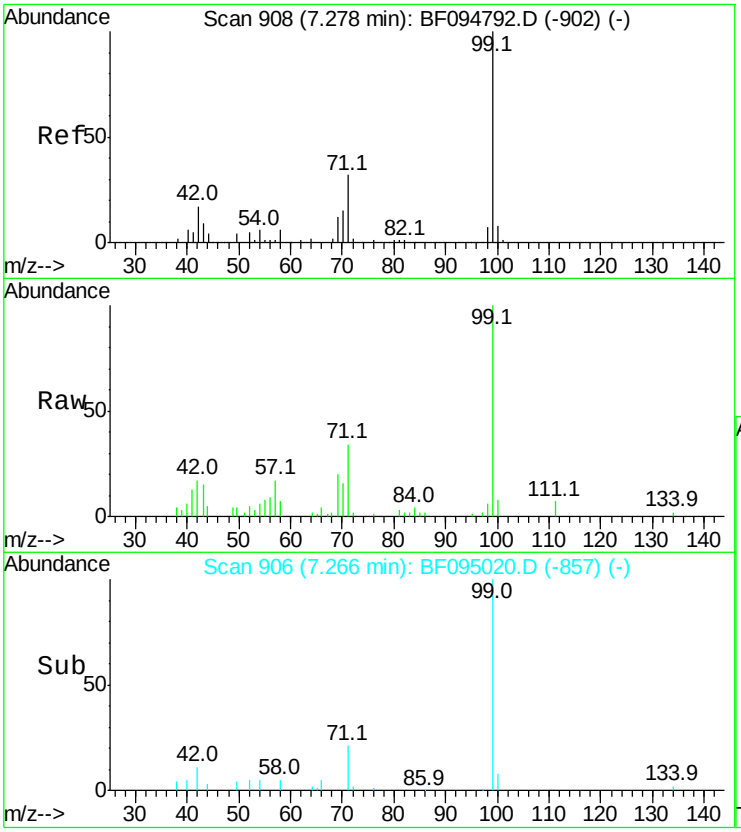


#5
2-Fluorophenol
Concen: 17.04 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:112 Resp: 75737

Ion	Ratio	Lower	Upper
112	100		
64	50.1	46.0	69.0
63	26.5	23.4	35.0



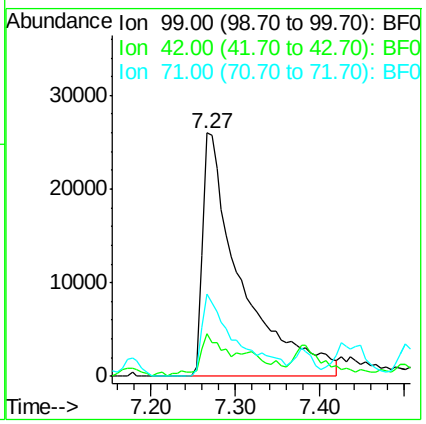


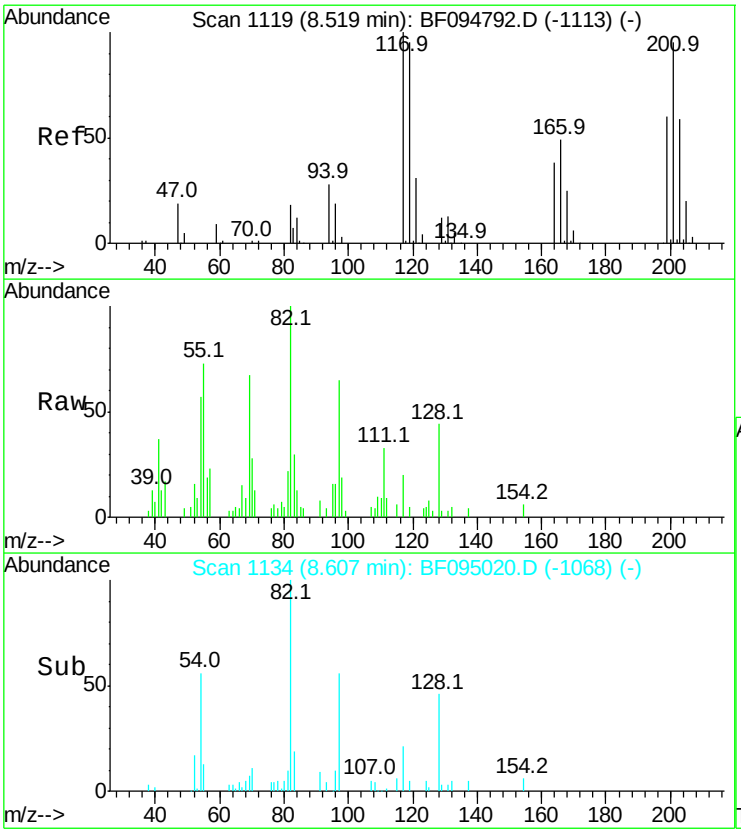
#7
Phenol-d6
Concen: 15.39 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 82067

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.7	24.5	36.7

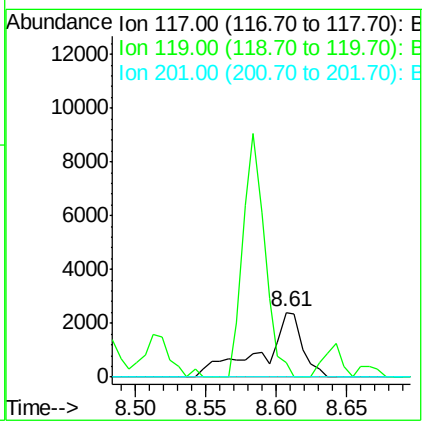


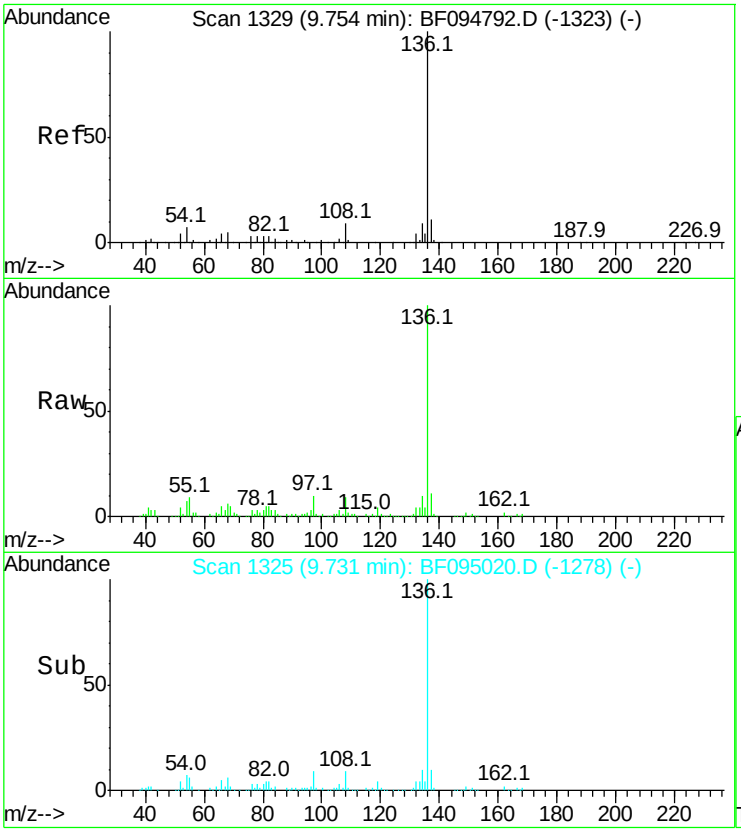


#18
Hexachloroethane
Concen: 2.42 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.09 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:117 Resp: 4772

Ion	Ratio	Lower	Upper
117	100		
119	23.1	77.4	116.0#
201	0.0	94.6	141.8#



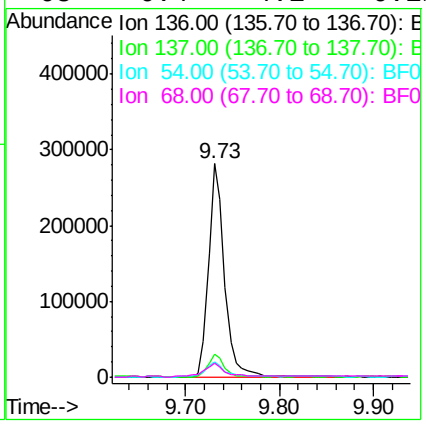


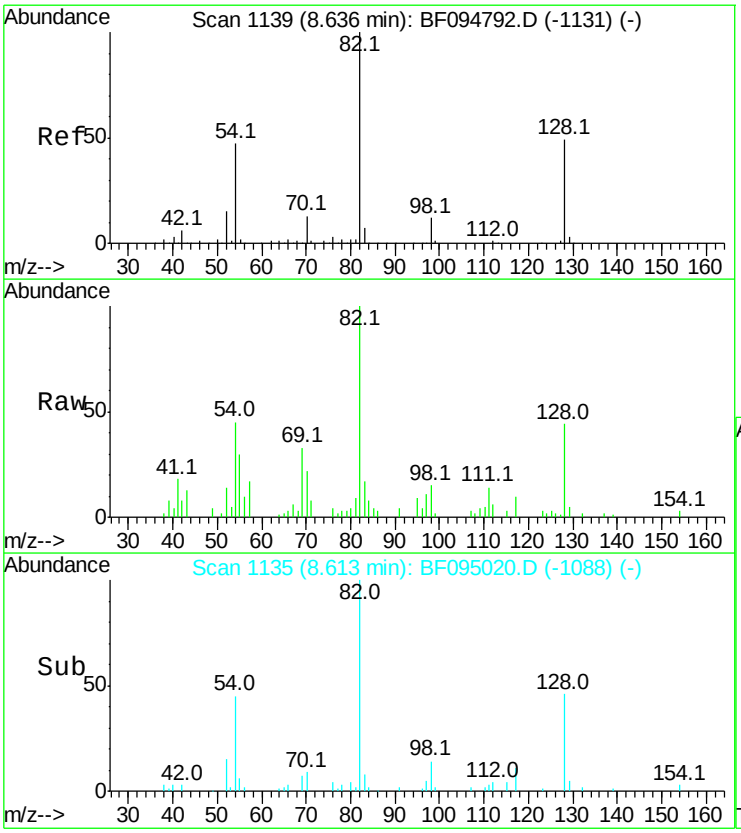
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 340088

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.2	4.9	7.3
68	6.4	4.1	6.1#

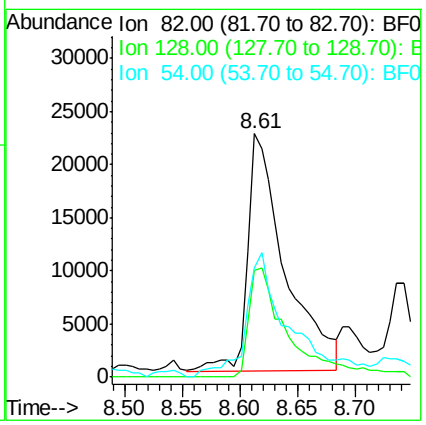


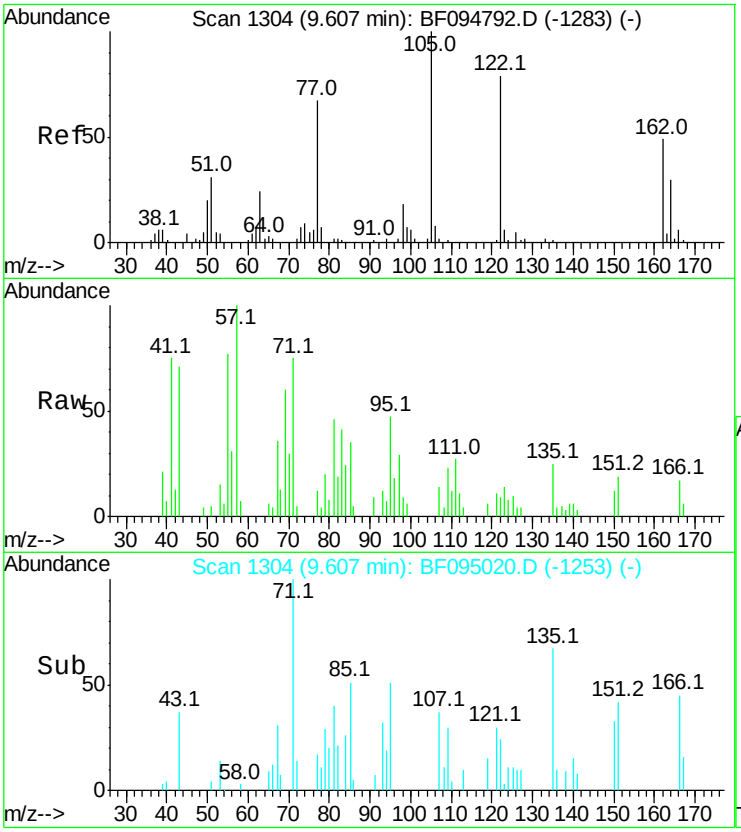


#23
Nitrobenzene-d5
Concen: 9.34 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion: 82 Resp: 50354

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	44.9	42.2	63.2



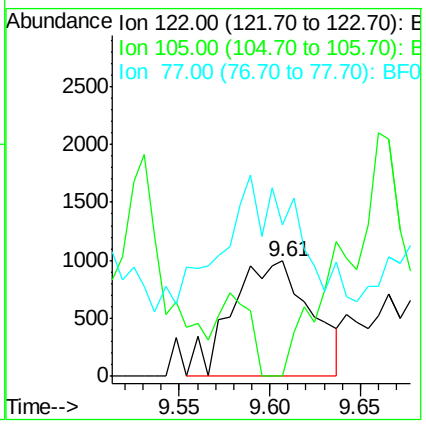


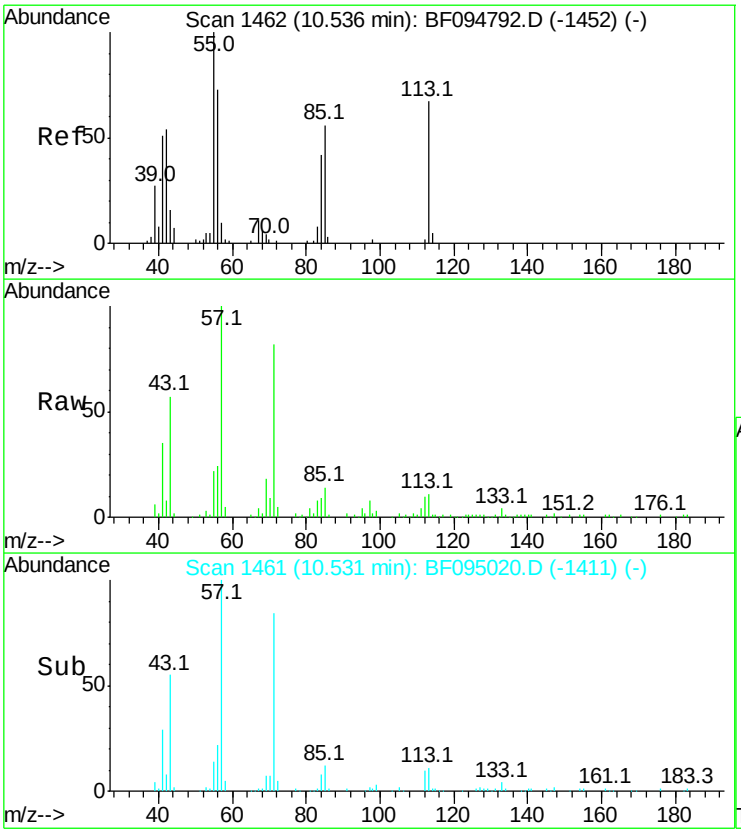
#32
Benzoic acid
Concen: 5.91 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3015

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	131.6	73.7	113.7#

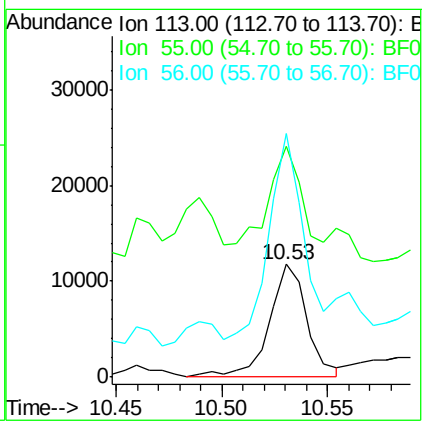


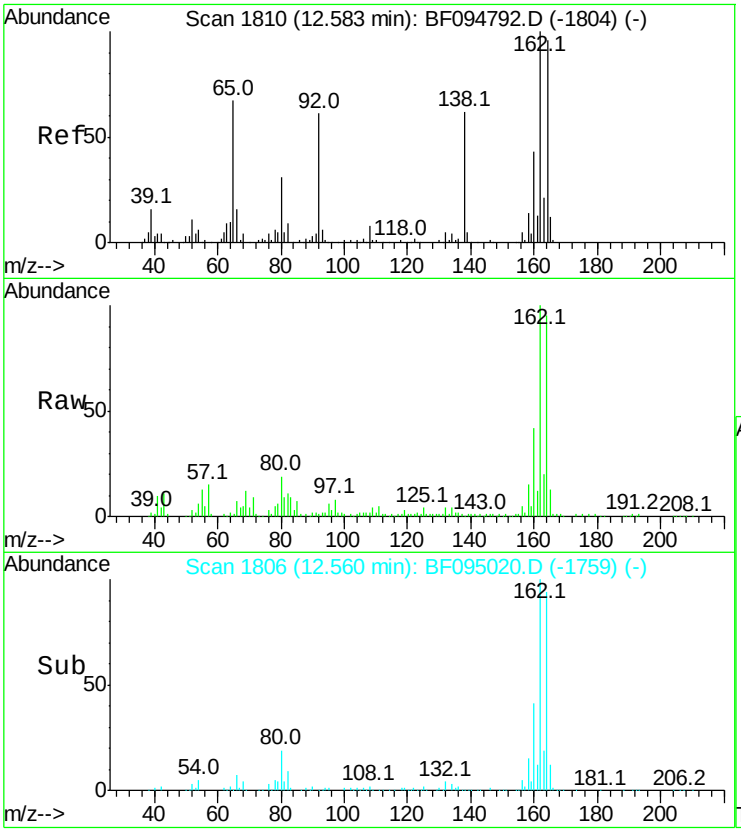


#35
Caprolactam
Concen: 10.45 ng
RT: 10.53 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:113 Resp: 14613

Ion	Ratio	Lower	Upper
113	100		
55	204.7	150.2	190.2#
56	215.5	107.8	147.8#



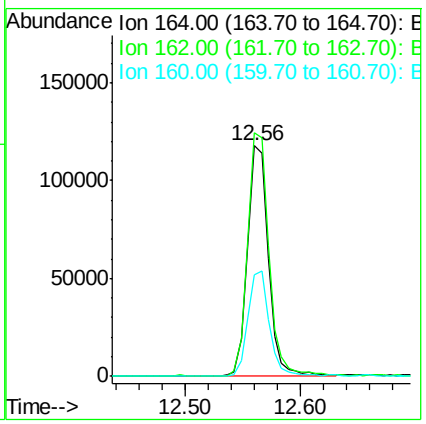


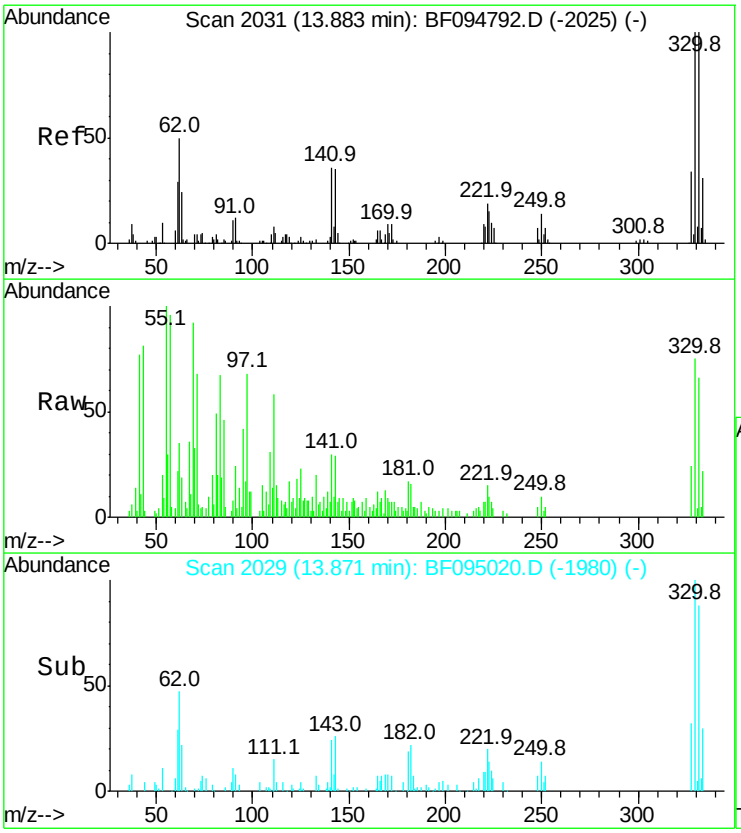
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 150167

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	44.0	36.2	54.2

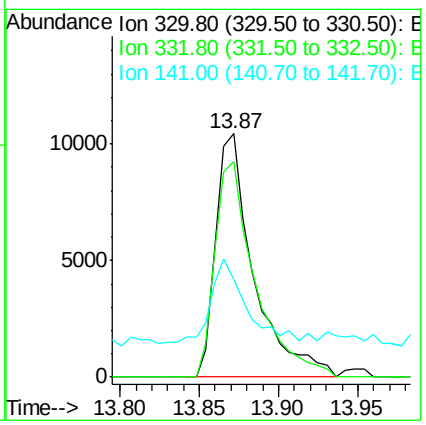


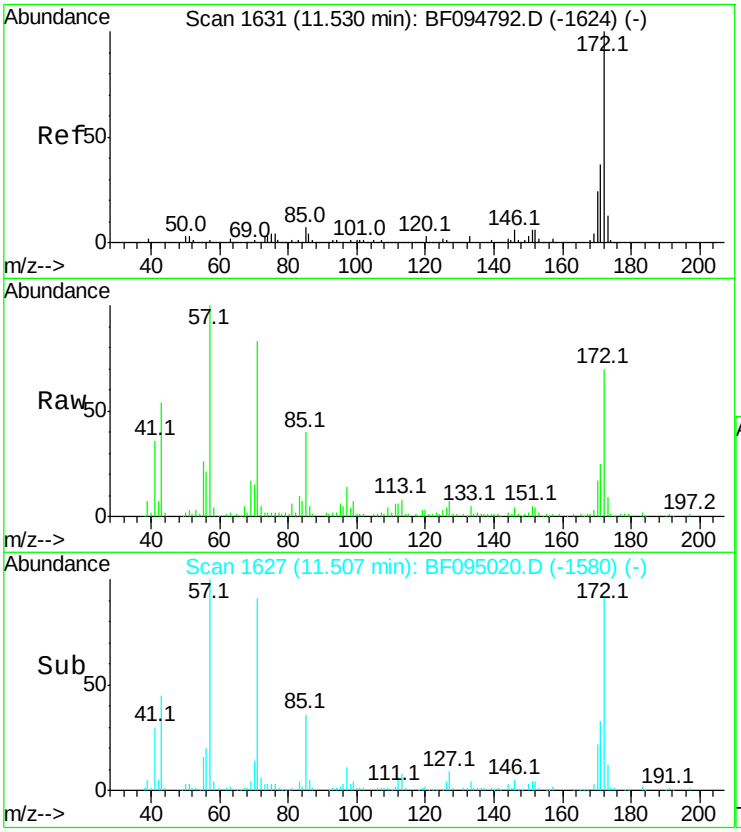


#41
2,4,6-Tribromophenol
Concen: 14.06 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:330 Resp: 17290

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	115.0
141	30.9	31.4	47.2#



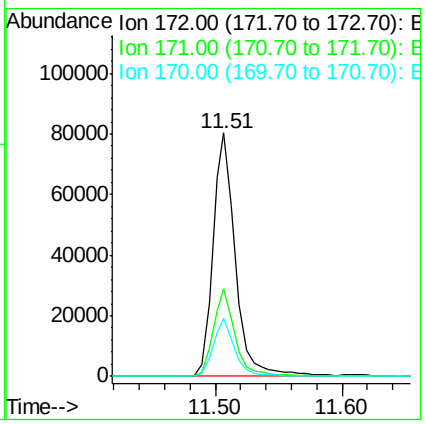


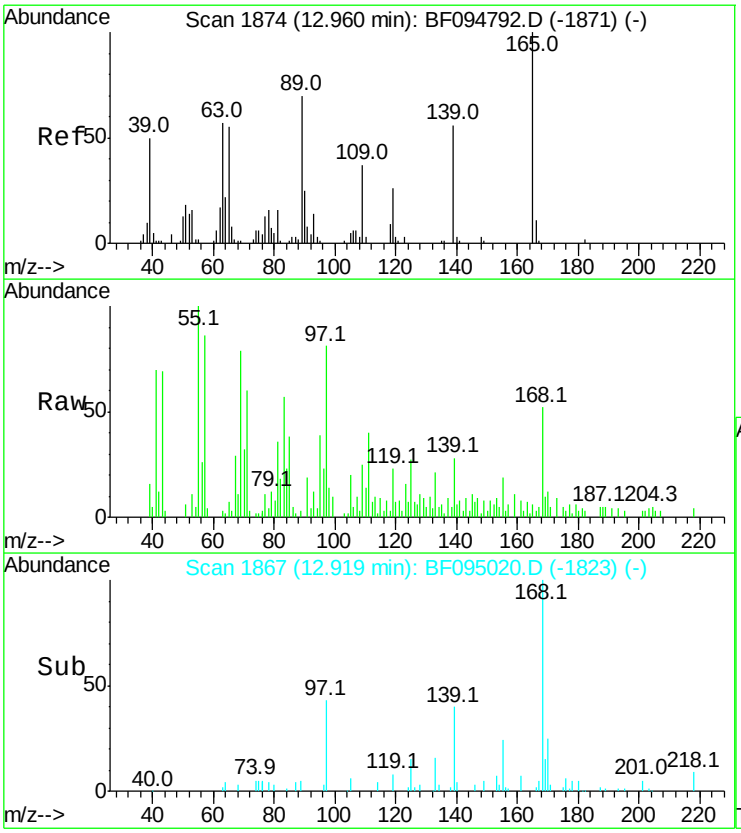
#44
2-Fluorobiphenyl
Concen: 9.49 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 99048

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8

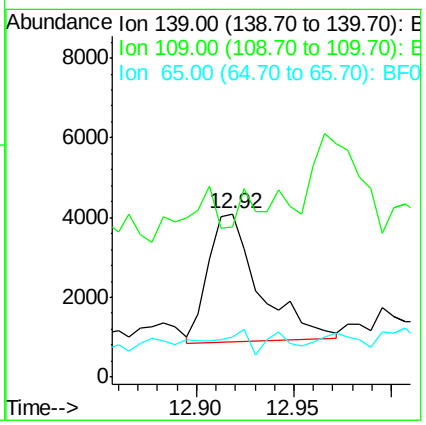


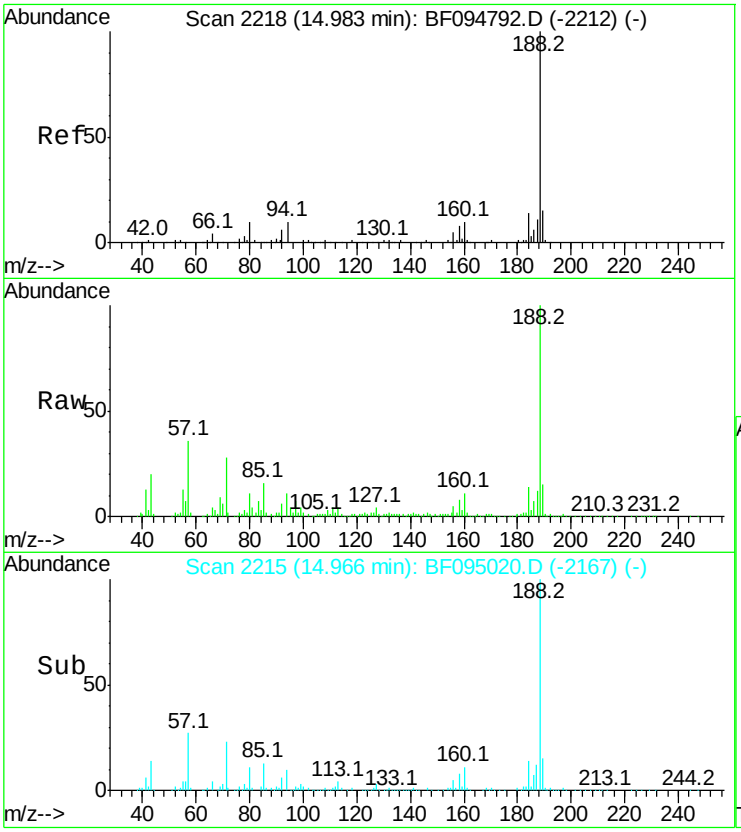


#55
4-Nitrophenol
Concen: 3.58 ng
RT: 12.92 min Scan# 1867
Delta R.T. -0.04 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:139 Resp: 5797

Ion	Ratio	Lower	Upper
139	100		
109	91.7	34.1	74.1#
65	24.6	31.4	71.4#



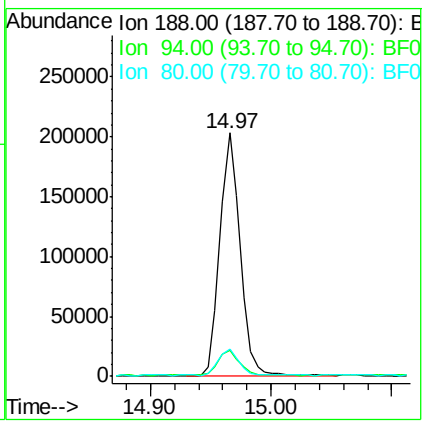


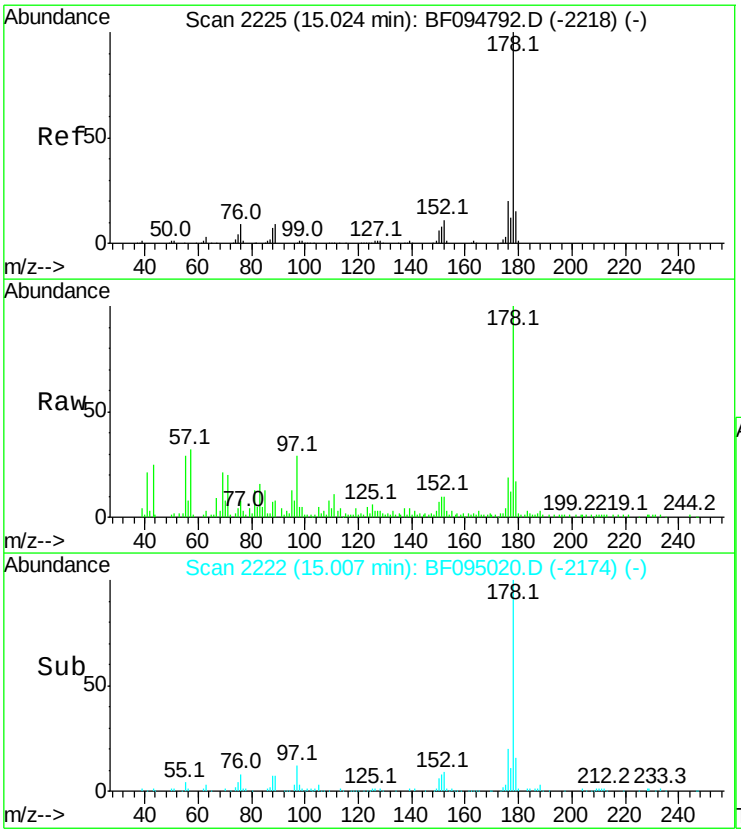
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 238415

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

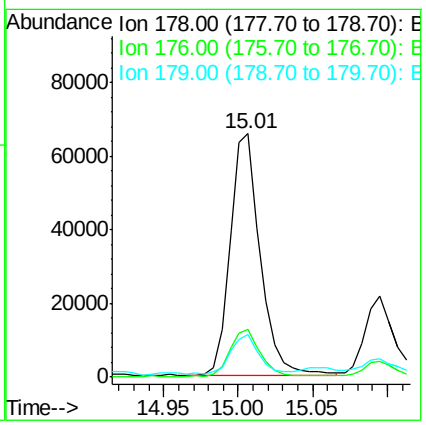


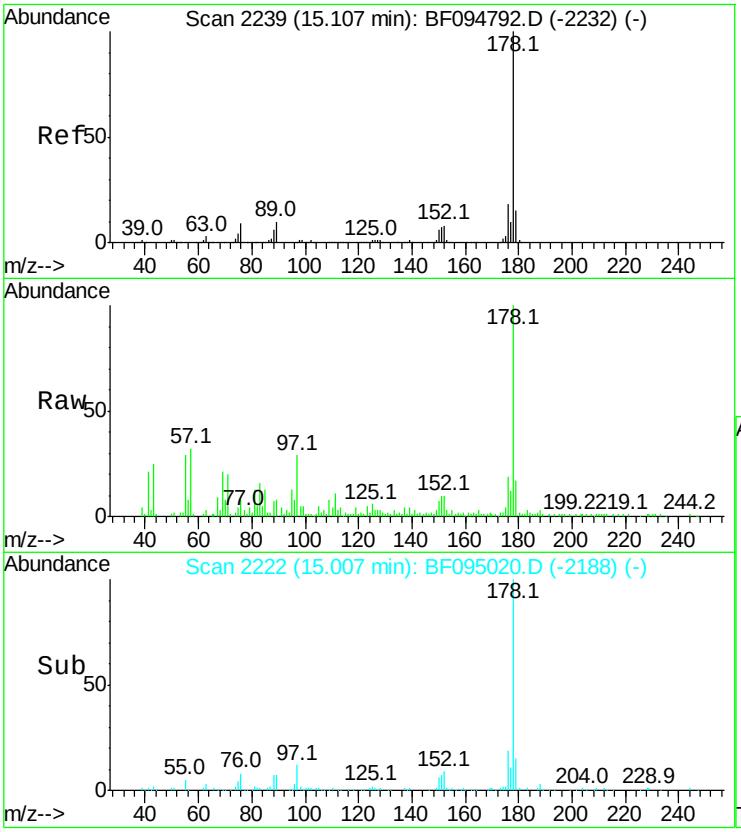


#70
Phenanthrene
Concen: 6.78 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:178 Resp: 92846

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	17.3	12.6	19.0



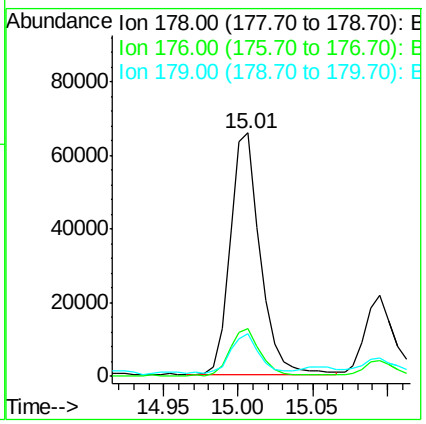


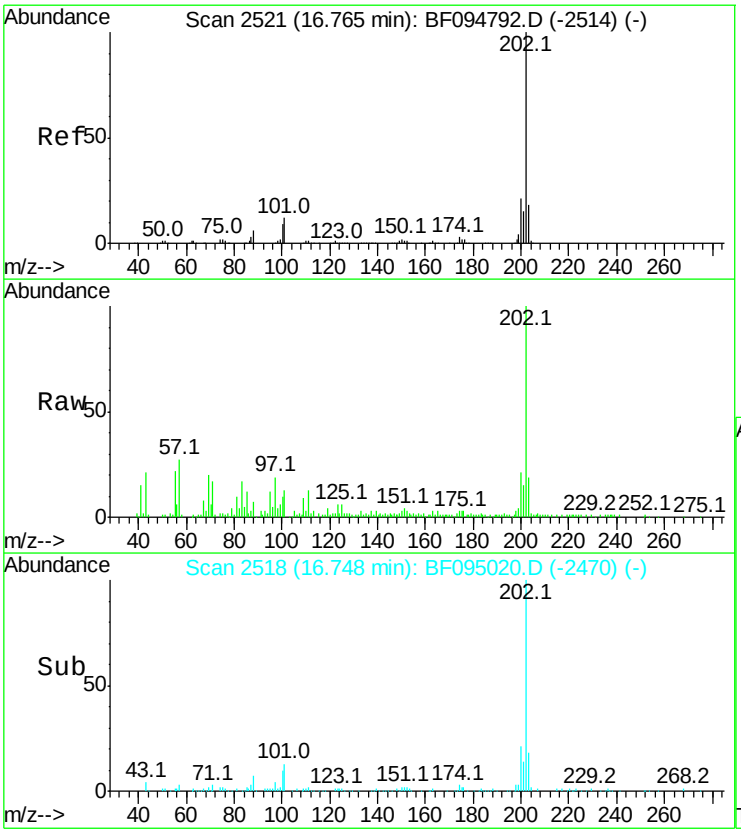
#71
Anthracene
Concen: 6.64 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.10 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 92846

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	17.3	12.7	19.1

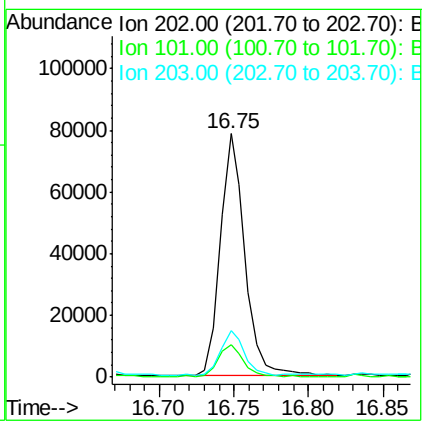


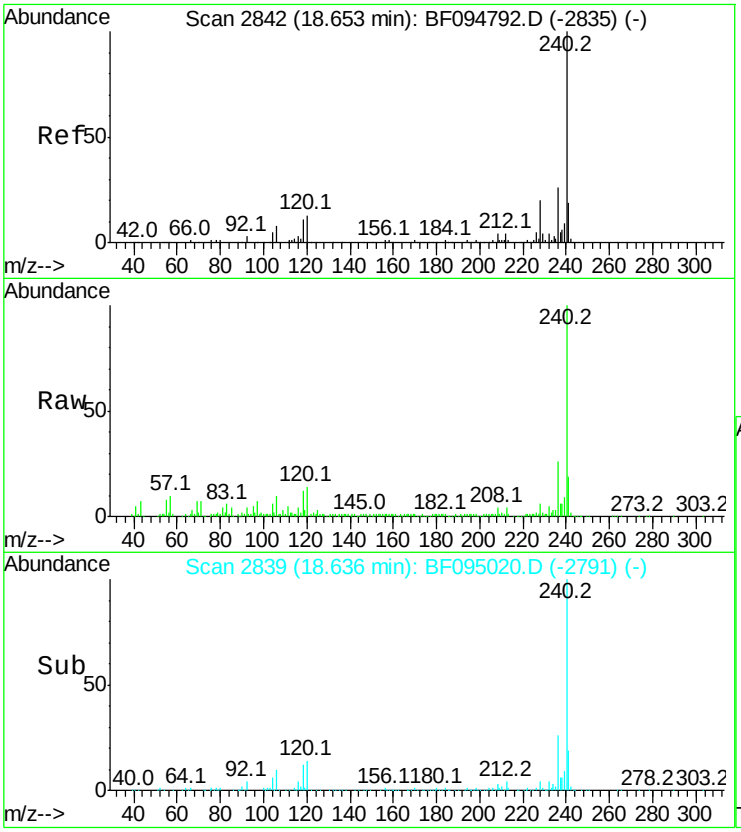


#74
Fluoranthene
Concen: 6.50 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:202 Resp: 91364

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	19.0	0.0	38.1



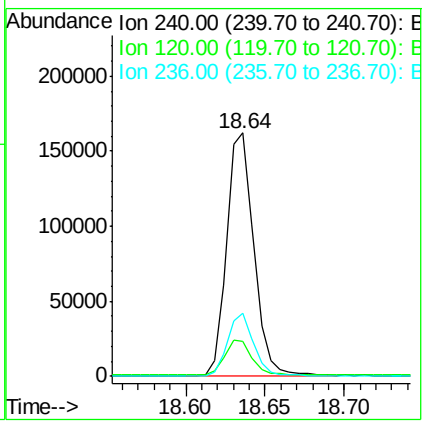


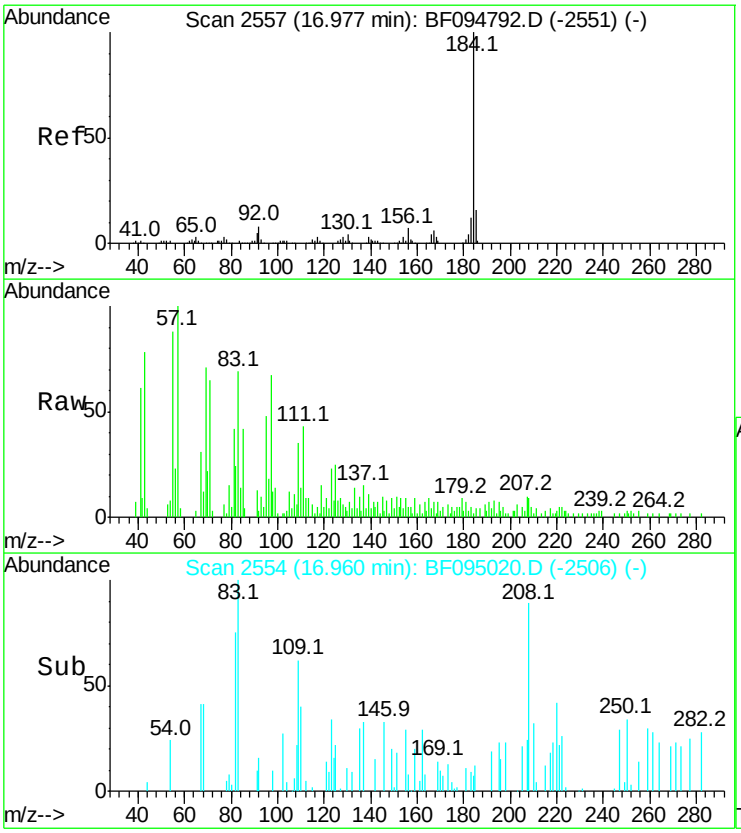
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 192713

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.7	20.5	30.7

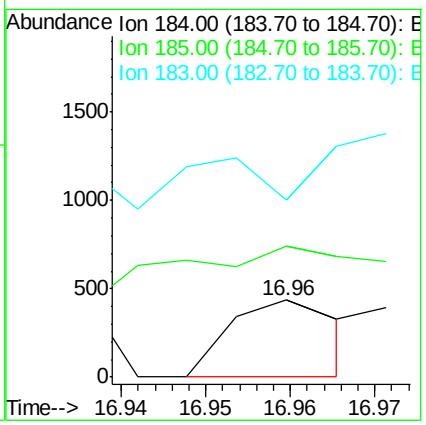


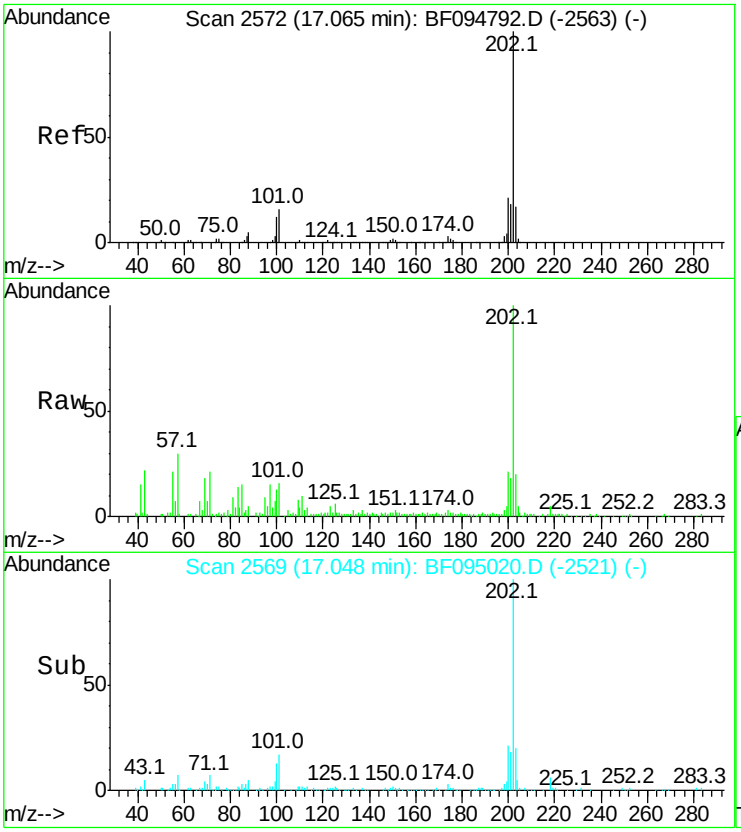


#76
Benzidine
Concen: 6.65 ng
RT: 16.96 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:184 Resp: 390

Ion	Ratio	Lower	Upper
184	100		
185	171.3	15.5	23.3#
183	230.3	9.8	14.6#



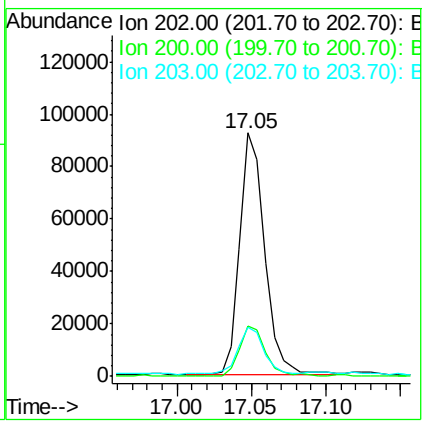


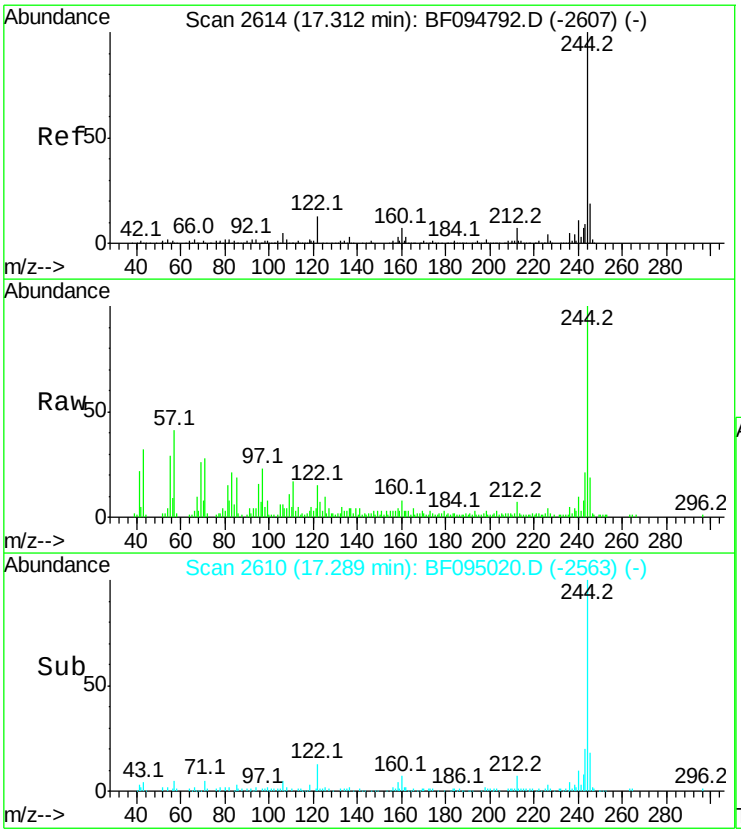
#77
Pyrene
Concen: 7.43 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 107106

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	20.0	14.4	21.6

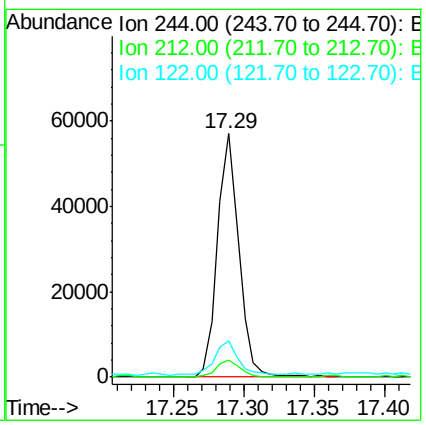


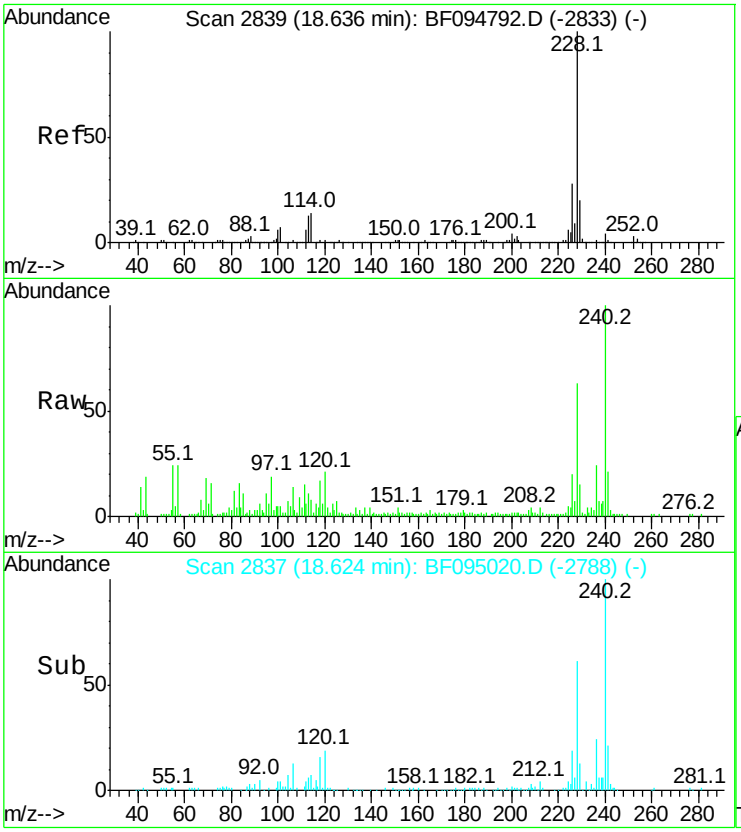


#78
Terphenyl-d14
Concen: 6.92 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:244 Resp: 60523

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5



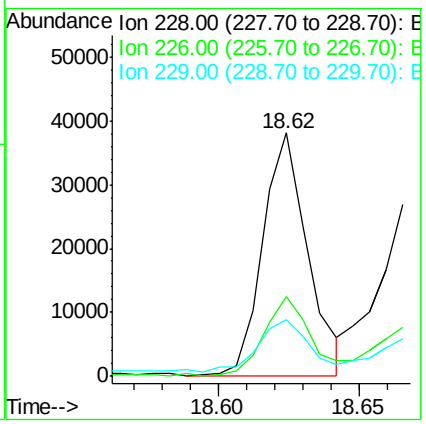


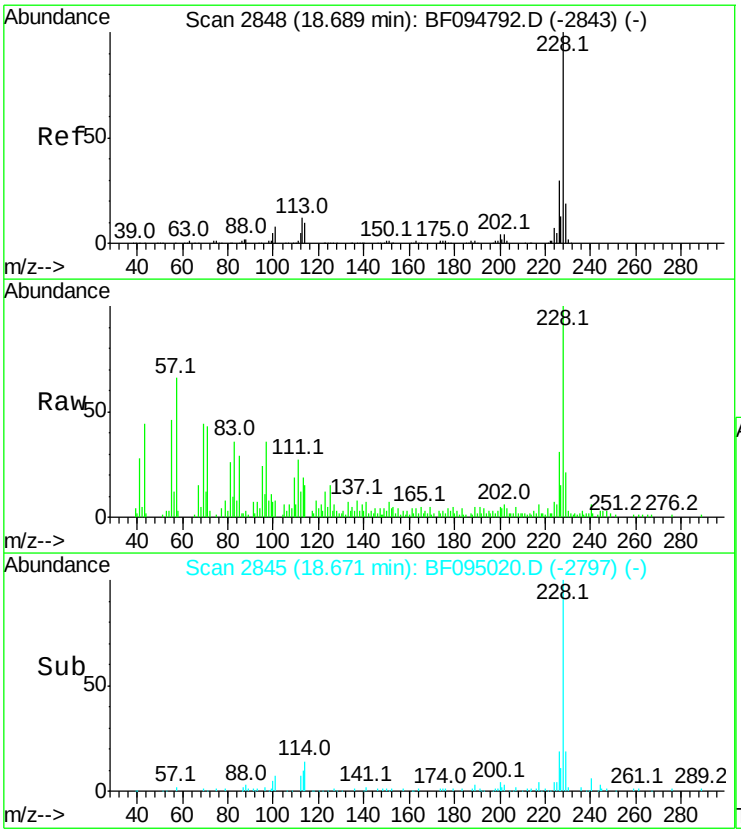
#80
Benzo(a)anthracene
Concen: 3.78 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42381

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	23.6	16.3	24.5

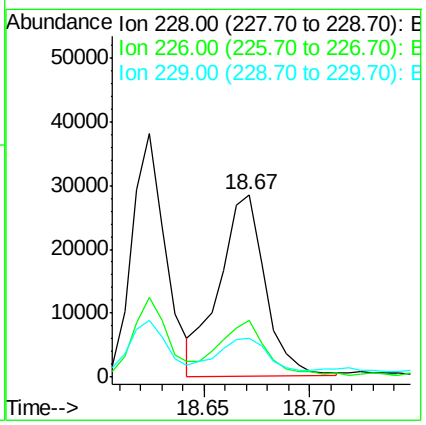


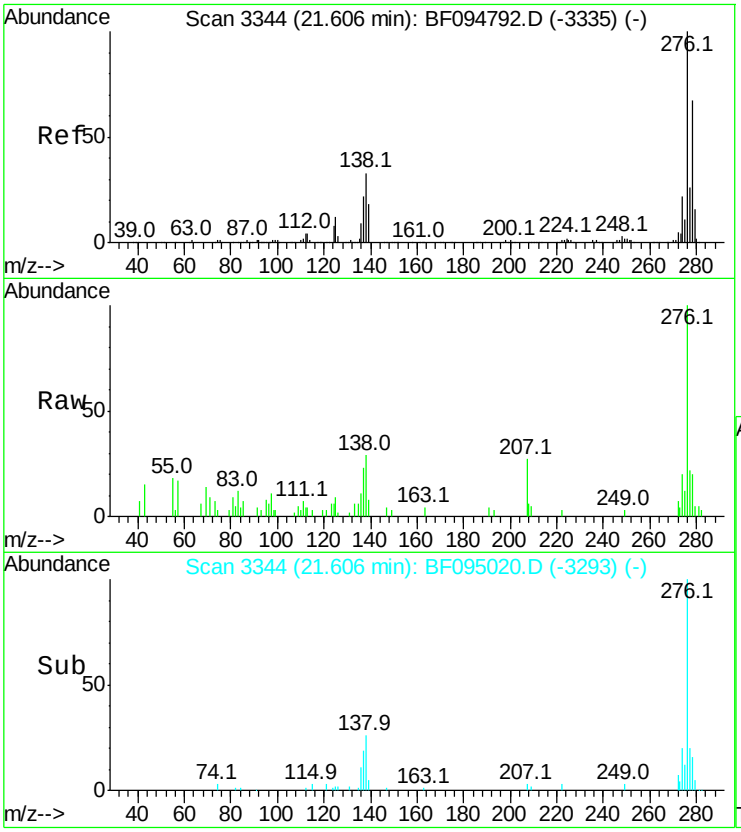


#82
Chrysene
Concen: 3.90 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:228 Resp: 42349

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.2	15.8	23.6



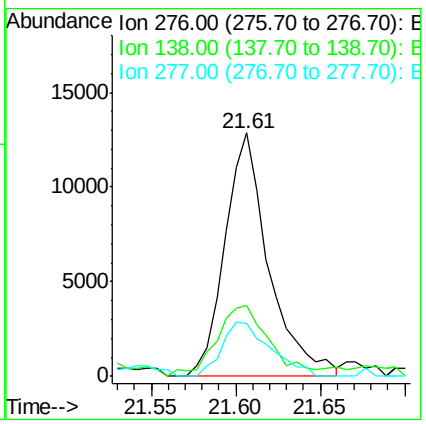


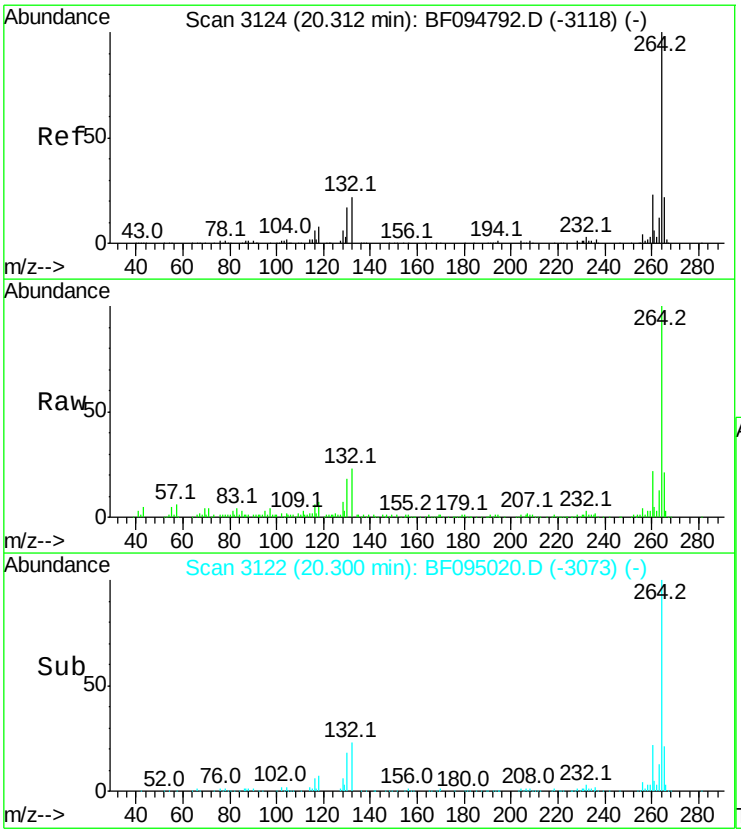
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng
RT: 21.61 min Scan# 3344
Delta R.T. 0.00 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23181

Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	24.5	20.2	30.4

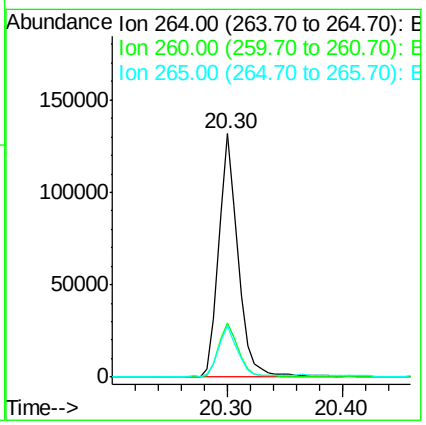


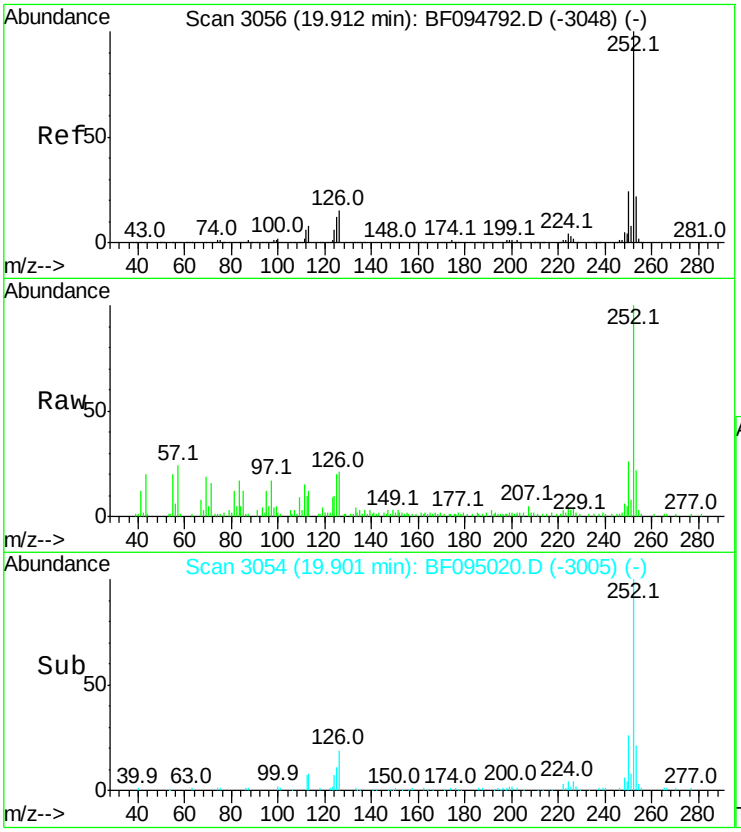


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:264 Resp: 153170

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	21.2	17.2	25.8



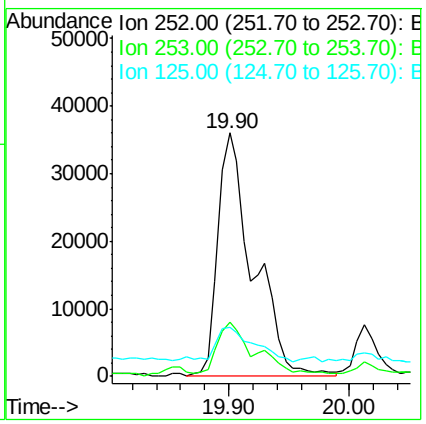


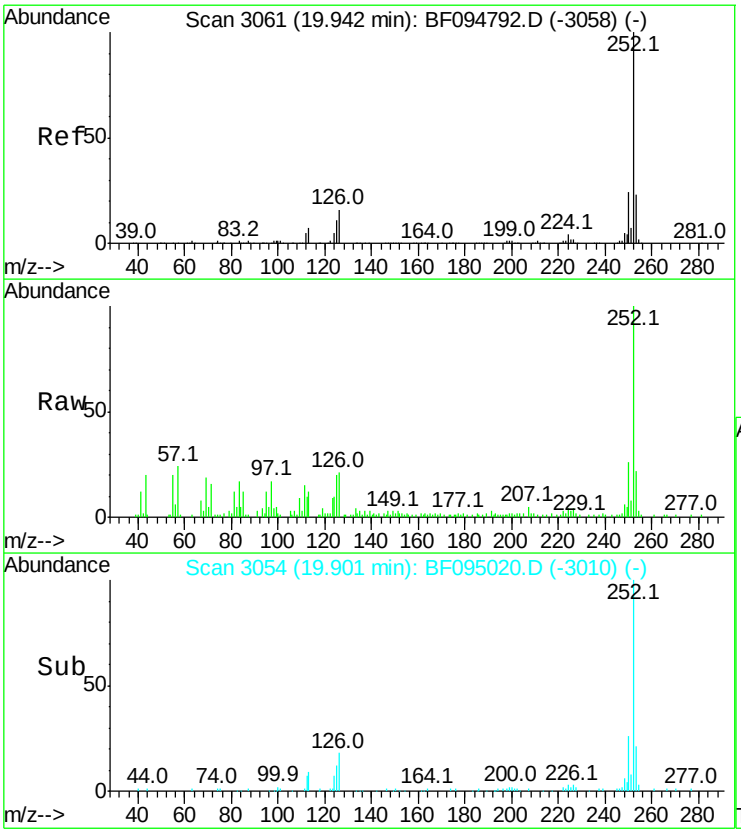
#87
Benzo(b)fluoranthene
Concen: 7.73 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73204

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	20.1	9.8	14.8#

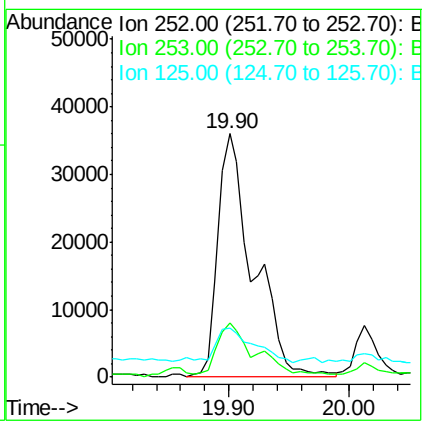


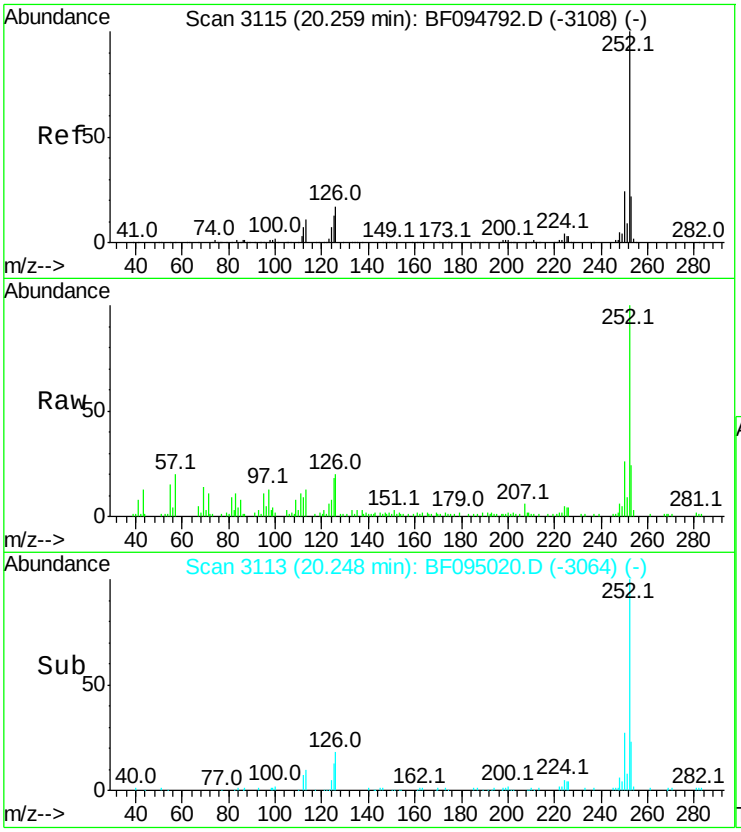


#88
Benzo(k)fluoranthene
Concen: 8.02 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.04 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:252 Resp: 73204

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	20.1	13.1	19.7#



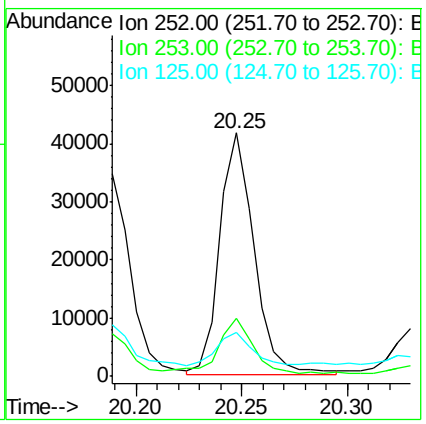


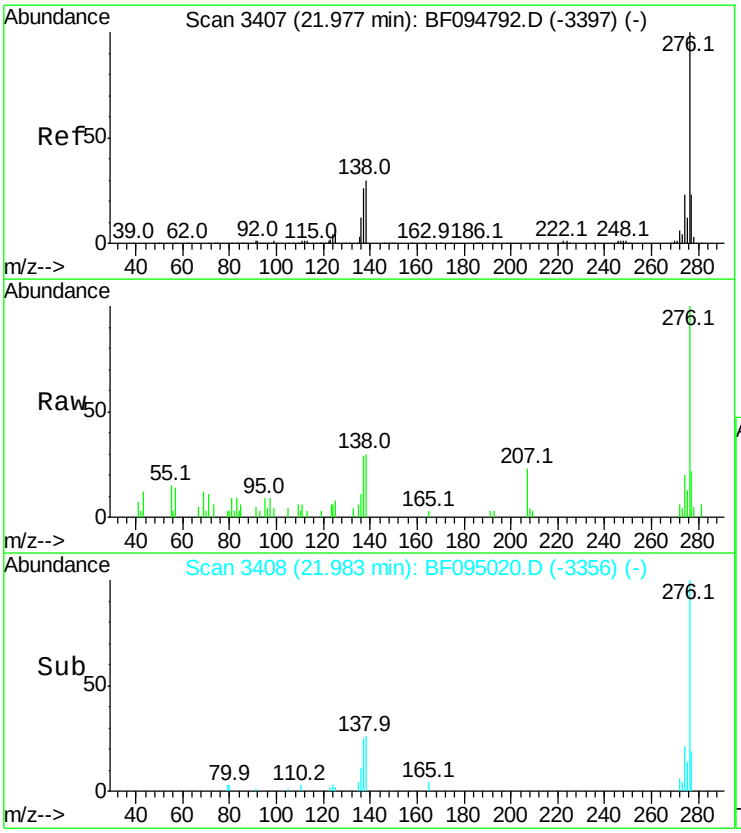
#89
Benzo(a)pyrene
Concen: 5.31 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	18.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.83 ng
RT: 21.98 min Scan# 3408
Delta R.T. 0.01 min
Lab File: BF095020.D
Acq: 9 May 2017 13:11

Tgt Ion:276 Resp: 27101

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	29.7	25.4	38.0