Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 17 05:57:25 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	7.78	152	102886	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	434334	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	179618	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	304530	20.00	ng		0.04
75) Chrysene-d12	18.69	240	193573	20.00	ng		0.04
86) Perylene-d12	20.36	264	167207	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	652766	105.78	ng		0.07
7) Phenol-d6	7.31	99	749225	101.19	ng		0.04
23) Nitrobenzene-d5	8.67	82	487694	70.81	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	144638	98.33	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	955387	76.56	ng		0.03
78) Terphenyl-d14	17.34	244	581781	66.20	ng		0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.67	70	59454	11.87	ng	#	76
49) Dimethylphthalate	12.25	163	97429	6.61	ng	#	99
70) Phenanthrene	15.06	178	237386	13.57	ng		98
71) Anthracene	15.15	178	50380	2.82	ng		95
74) Fluoranthene	16.80	202	281790	15.70	ng		99
77) Pyrene	17.10	202	280753	19.39	ng		96
80) Benzo(a)anthracene	18.68	228	104762	9.30	ng		97
82) Chrysene	18.72	228	103077	9.46	ng		96
85) Indeno(1,2,3-cd)pyrene	21.71	276	37572	4.25	ng		93
87) Benzo(b)fluoranthene	19.96	252	149406	14.46	ng	#	96
88) Benzo(k)fluoranthene	19.96	252	149406	14.99	ng		99
89) Benzo(a)pyrene	20.31	252	83254	8.73	ng		96
91) Benzo(g,h,i)perylene	22.09	276	39450	5.11	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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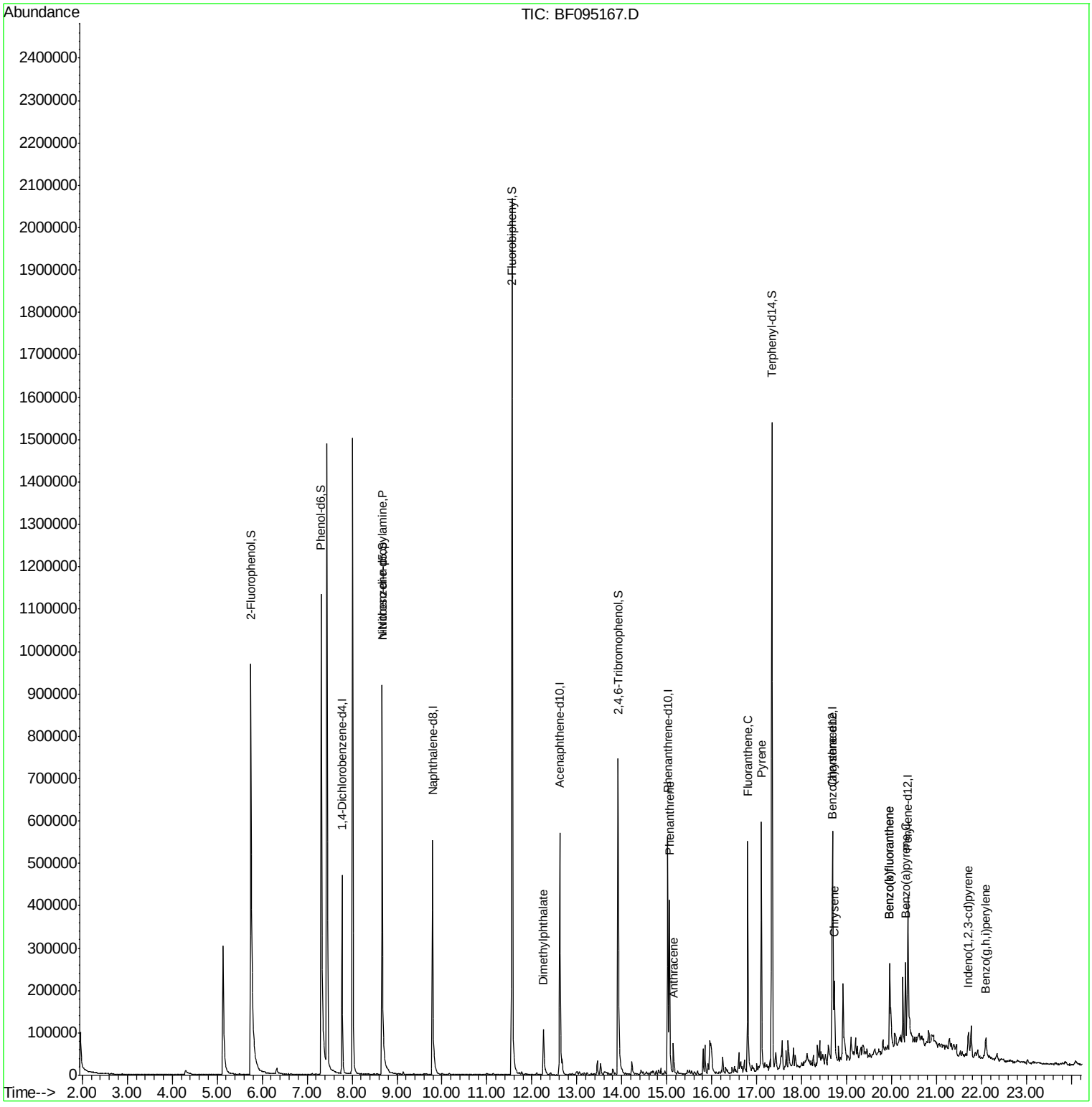
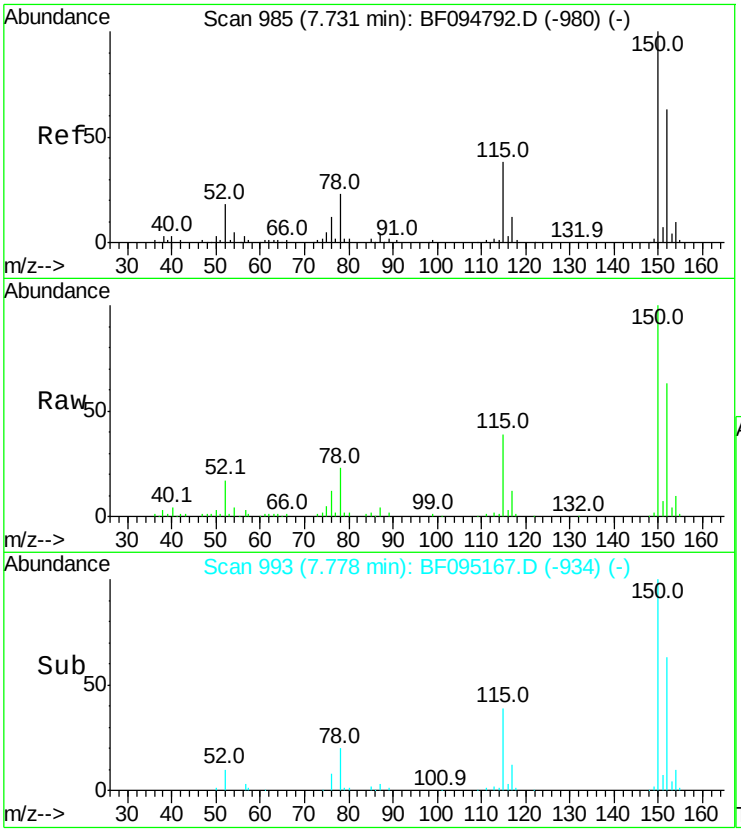


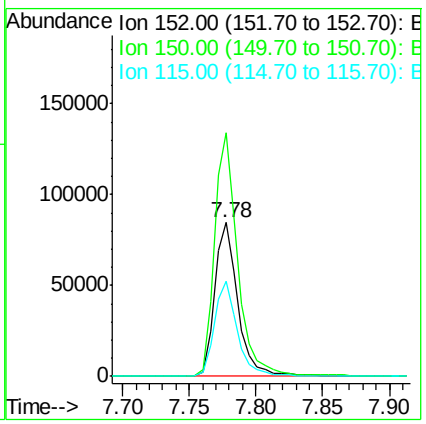


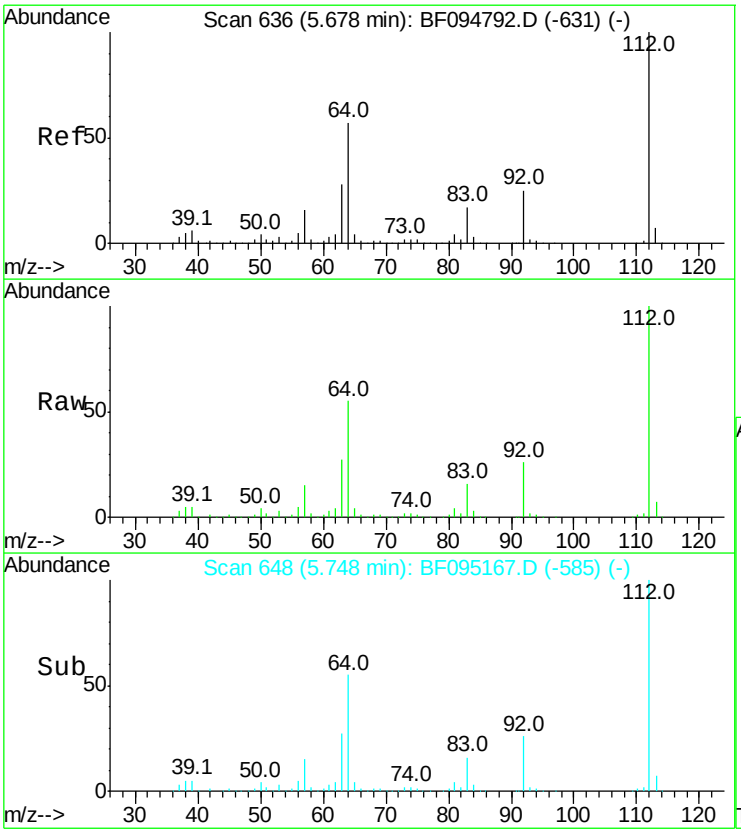
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102886

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.8	52.2	78.2

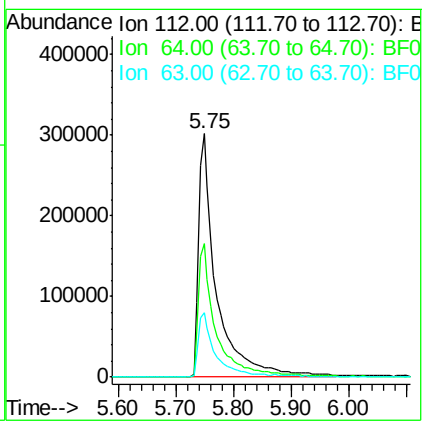


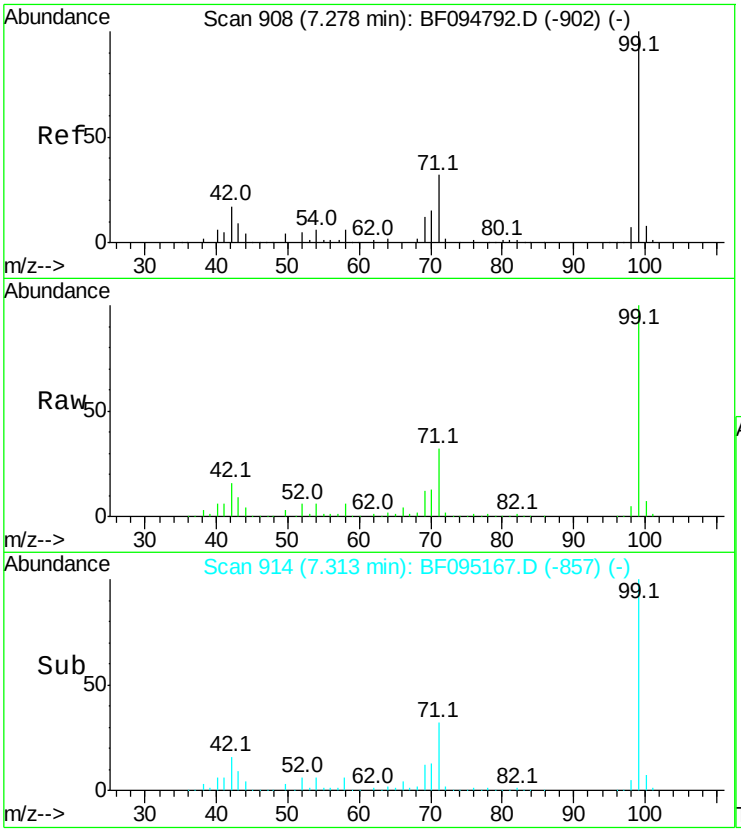


#5
2-Fluorophenol
Concen: 105.78 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:112 Resp: 652766

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.7	23.4	35.0



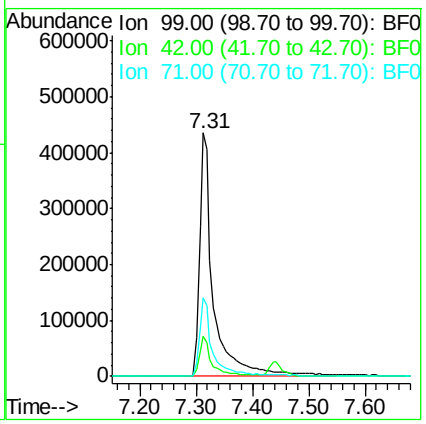


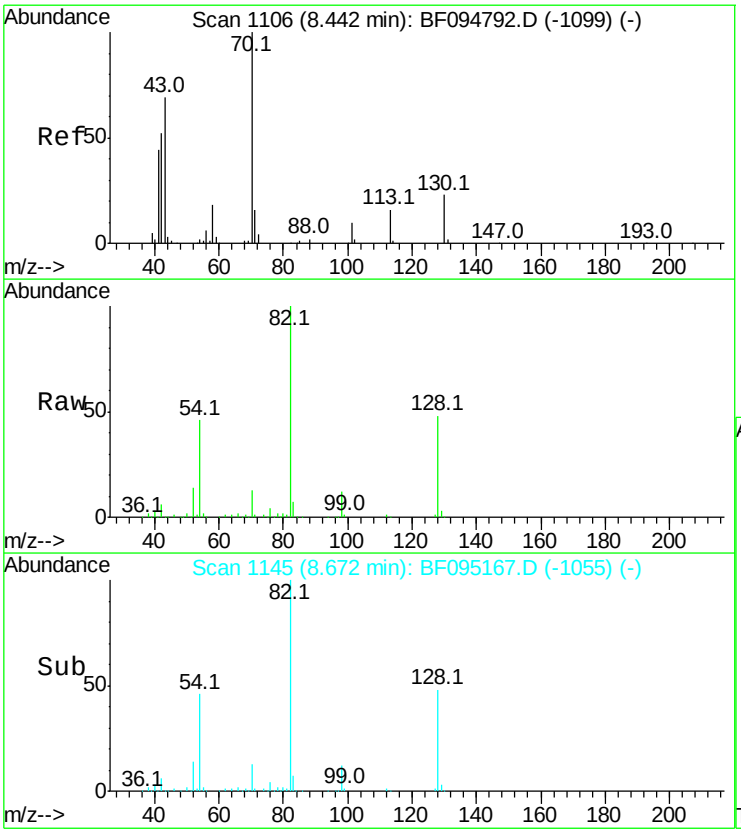
#7
Phenol-d6
Concen: 101.19 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 749225

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.3	24.5	36.7

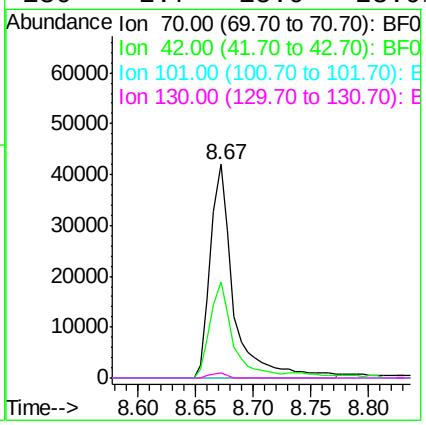


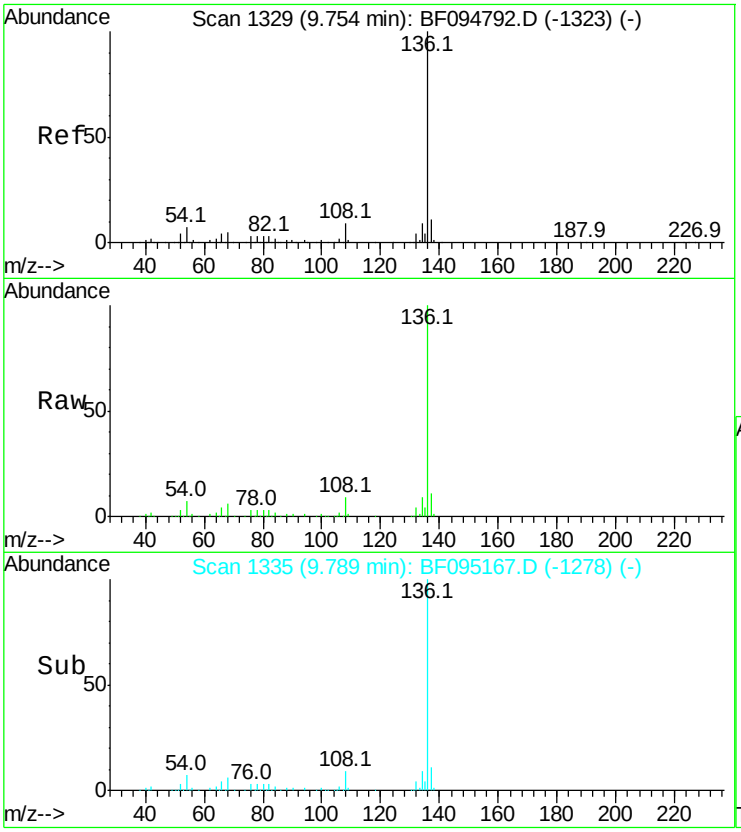


#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion: 70 Resp: 59454

Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



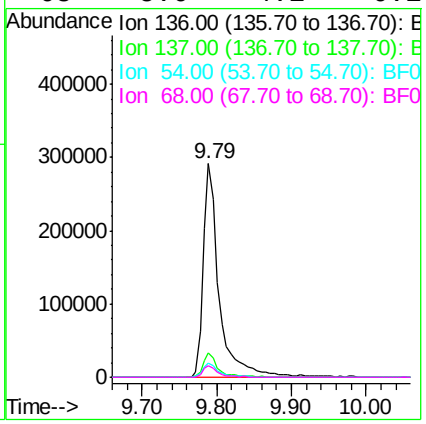


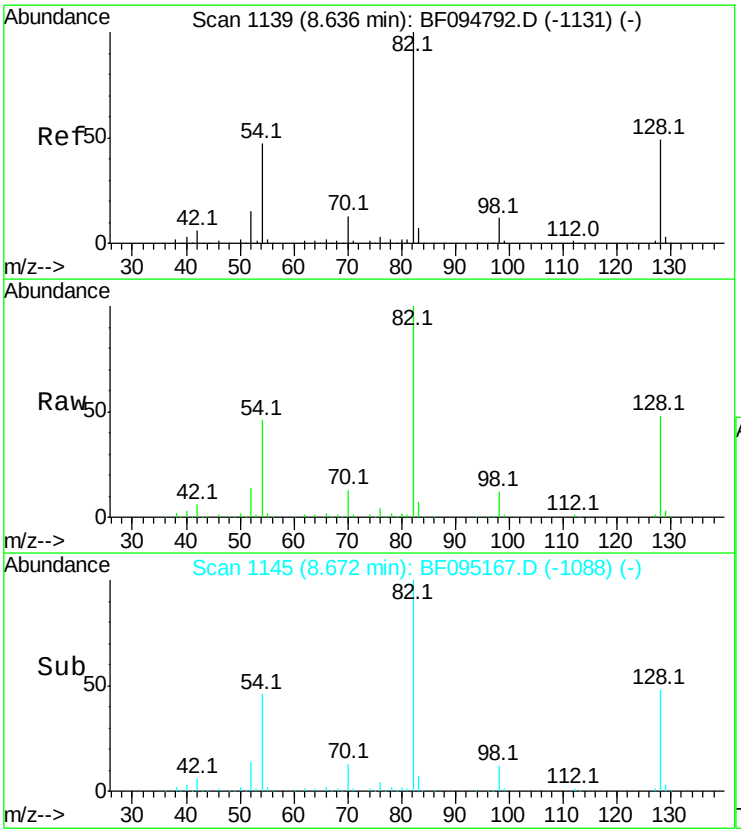
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 434334

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1

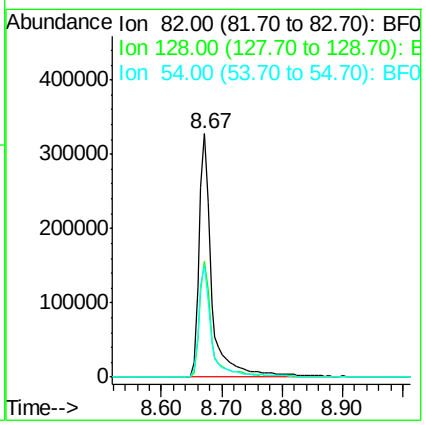


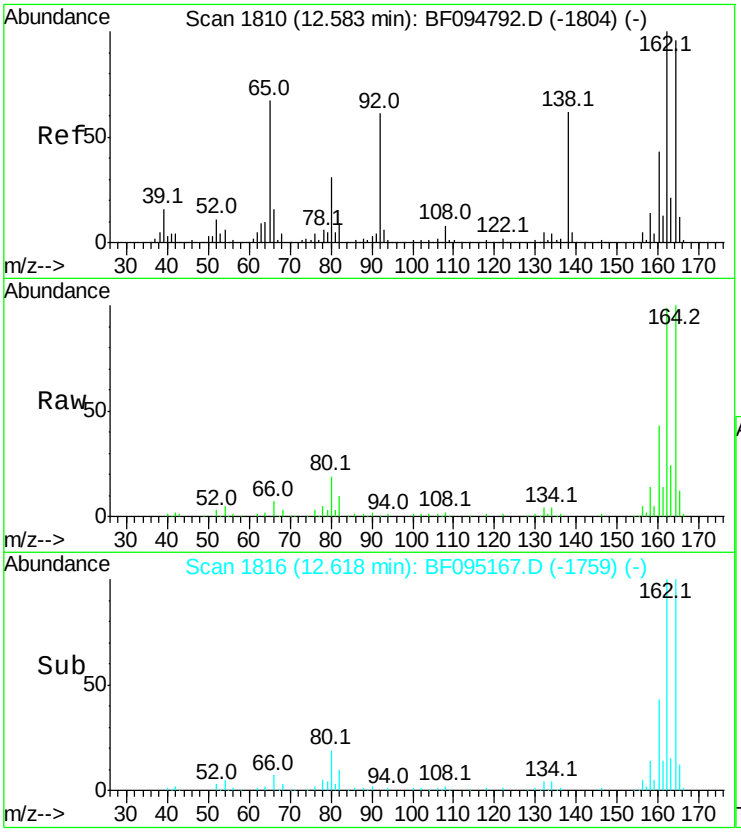


#23
Nitrobenzene-d5
Concen: 70.81 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion: 82 Resp: 487694

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.0	42.2	63.2



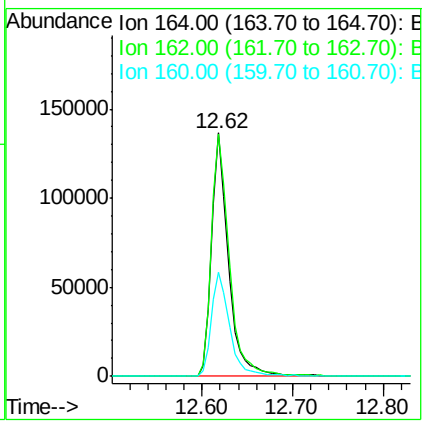


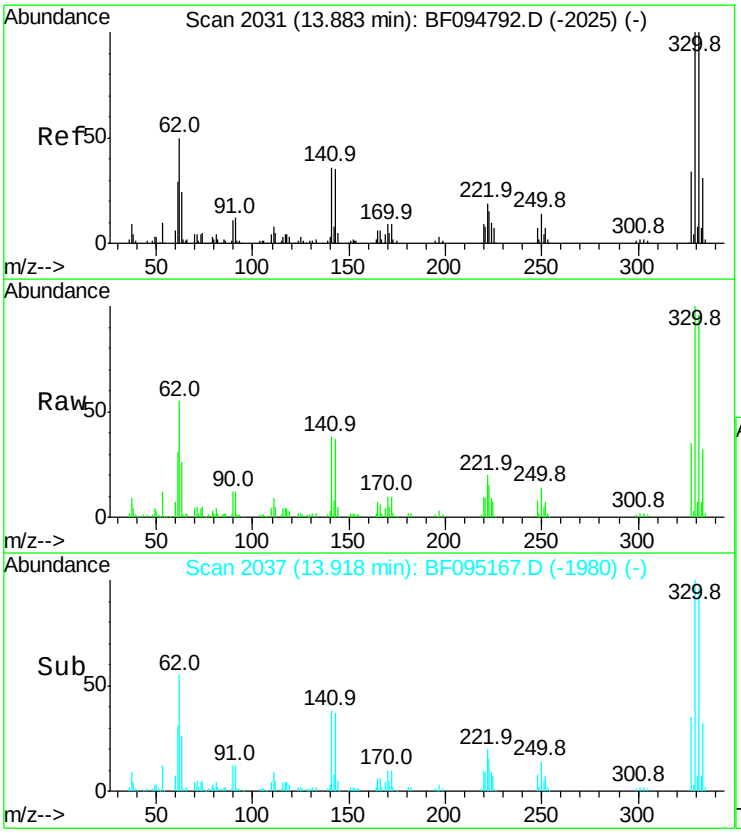
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179618

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	42.5	36.2	54.2

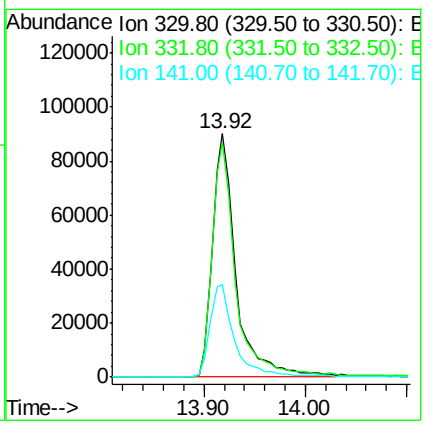


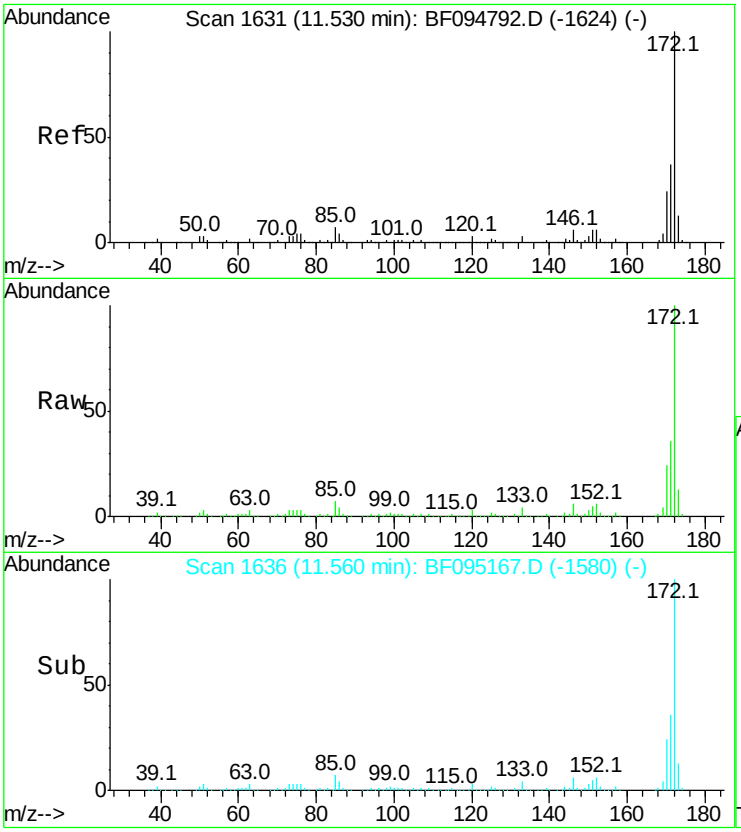


#41
2,4,6-Tribromophenol
Concen: 98.33 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:330 Resp: 144638

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	40.3	31.4	47.2



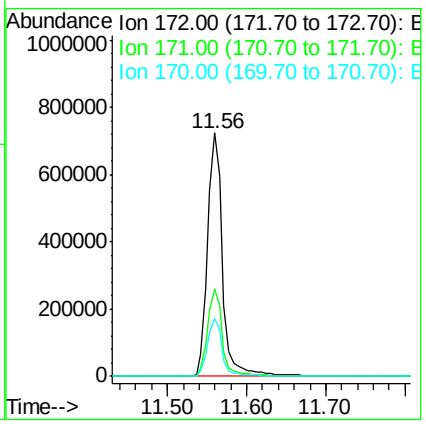


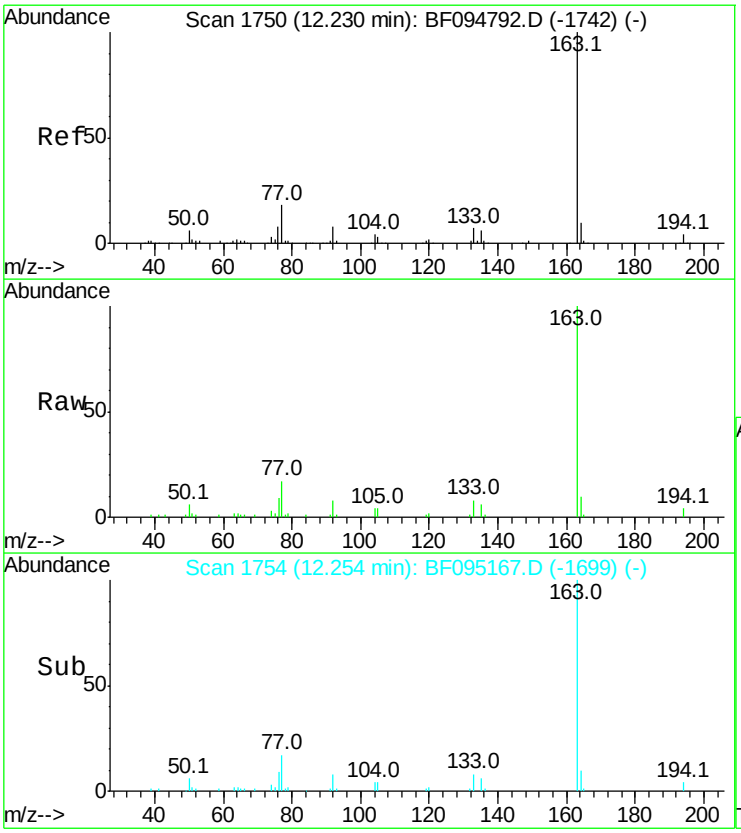
#44
2-Fluorobiphenyl
Concen: 76.56 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 955387

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8

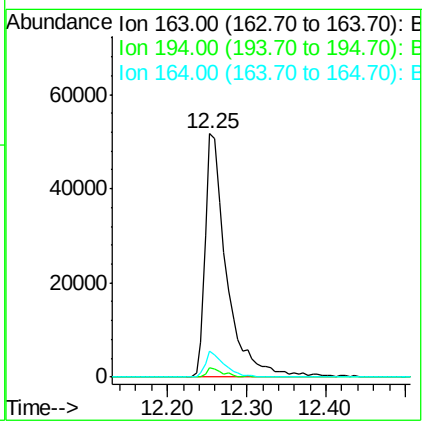


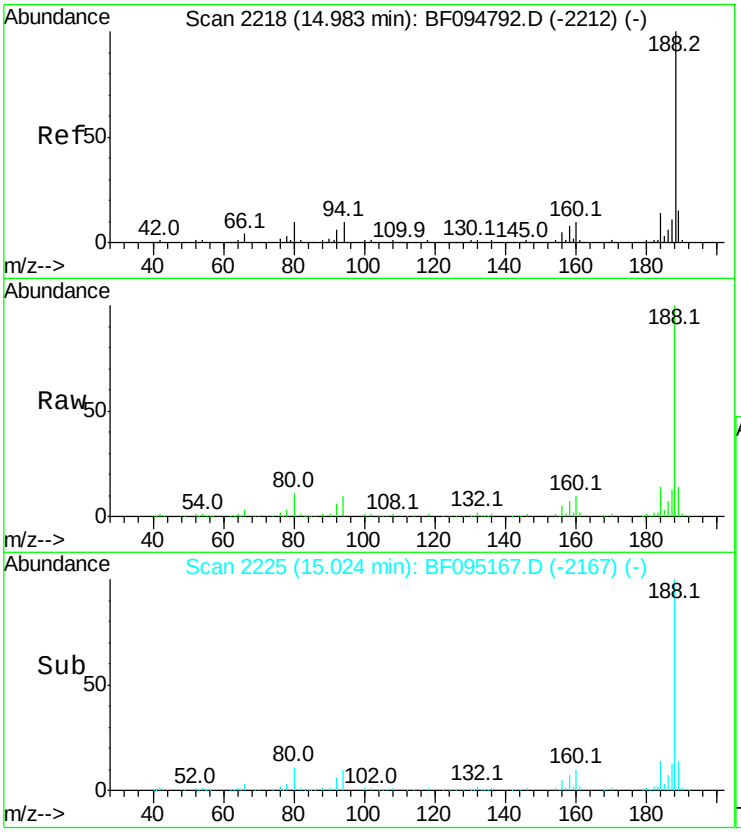


#49
Dimethylphthalate
Concen: 6.61 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:163 Resp: 97429

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	10.5	8.4	12.6



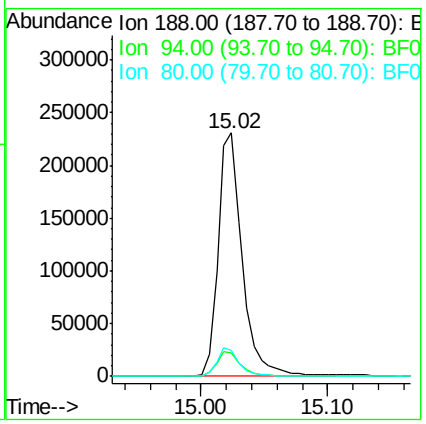


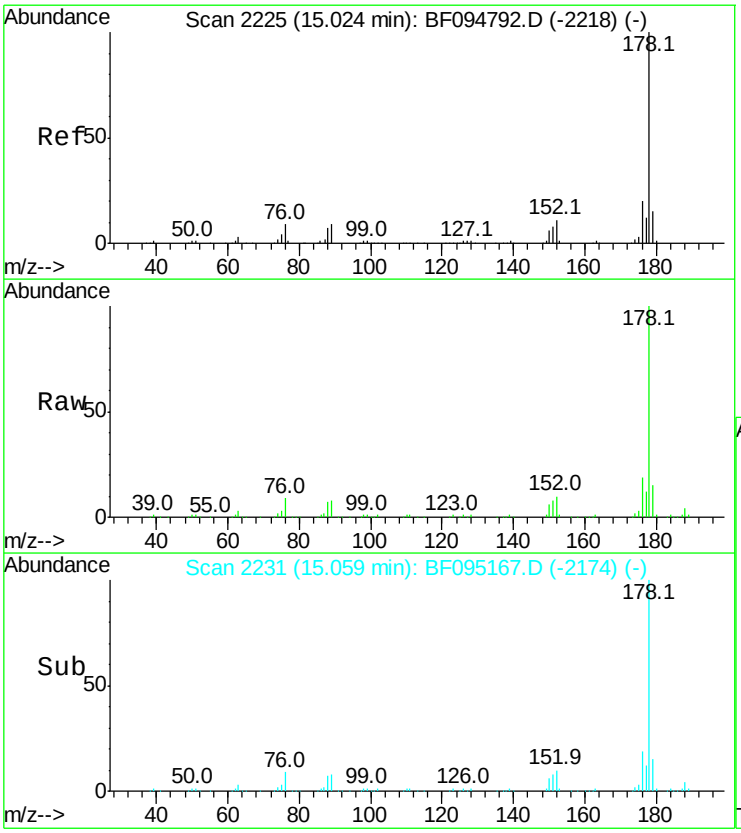
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 304530

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.6	10.2	15.2

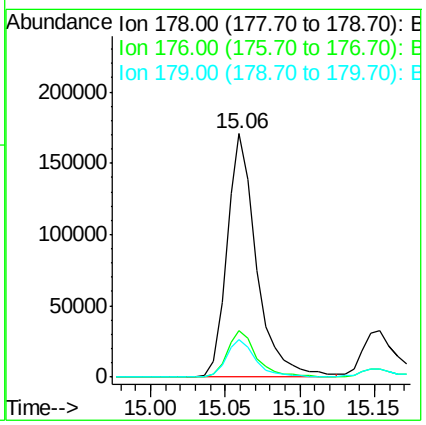


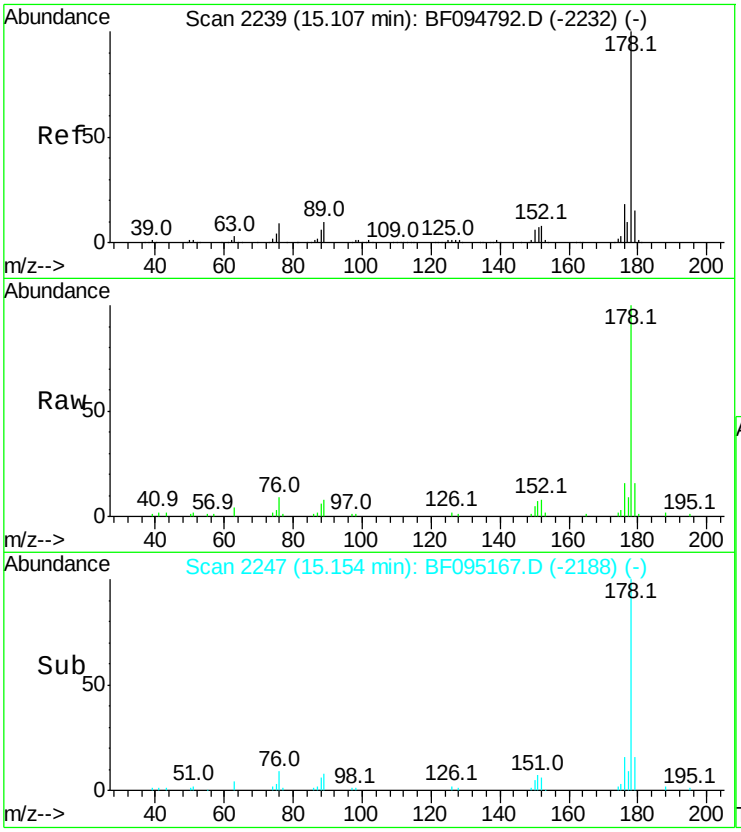


#70
Phenanthrene
Concen: 13.57 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:178 Resp: 237386

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.3	12.6	19.0



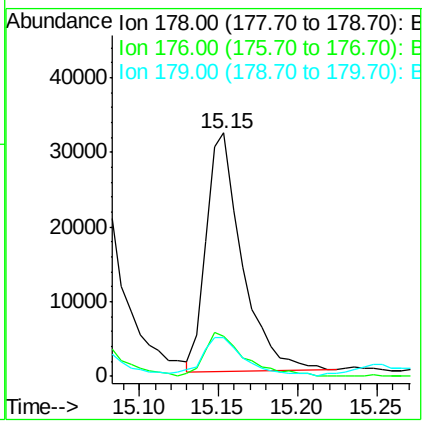


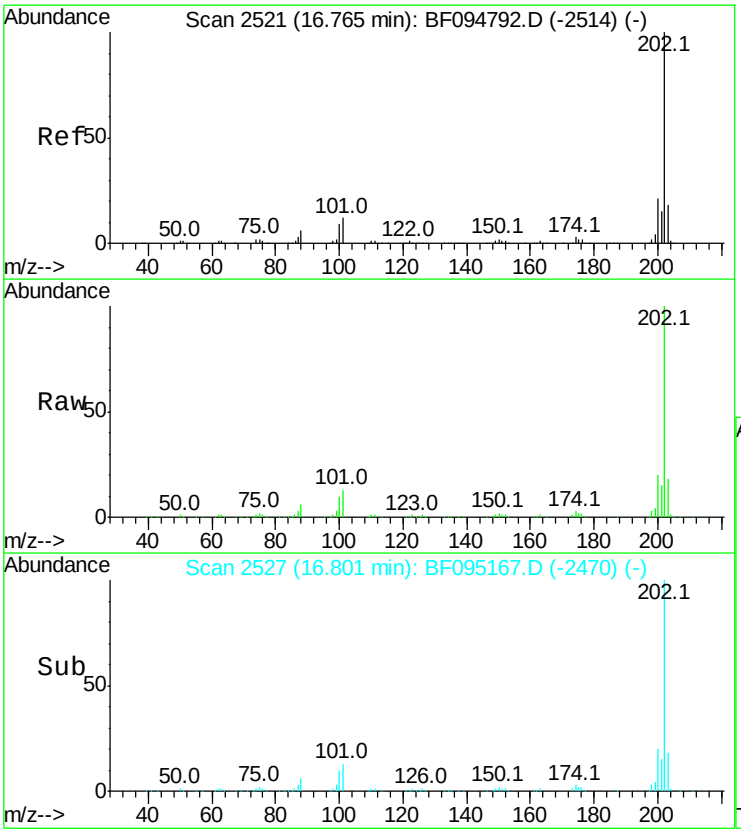
#71
Anthracene
Concen: 2.82 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50380

Ion	Ratio	Lower	Upper
178	100		
176	16.2	15.8	23.8
179	16.1	12.7	19.1

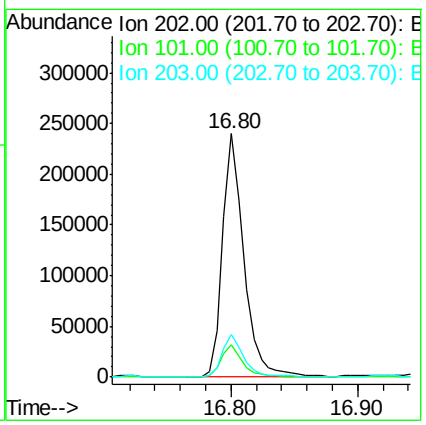


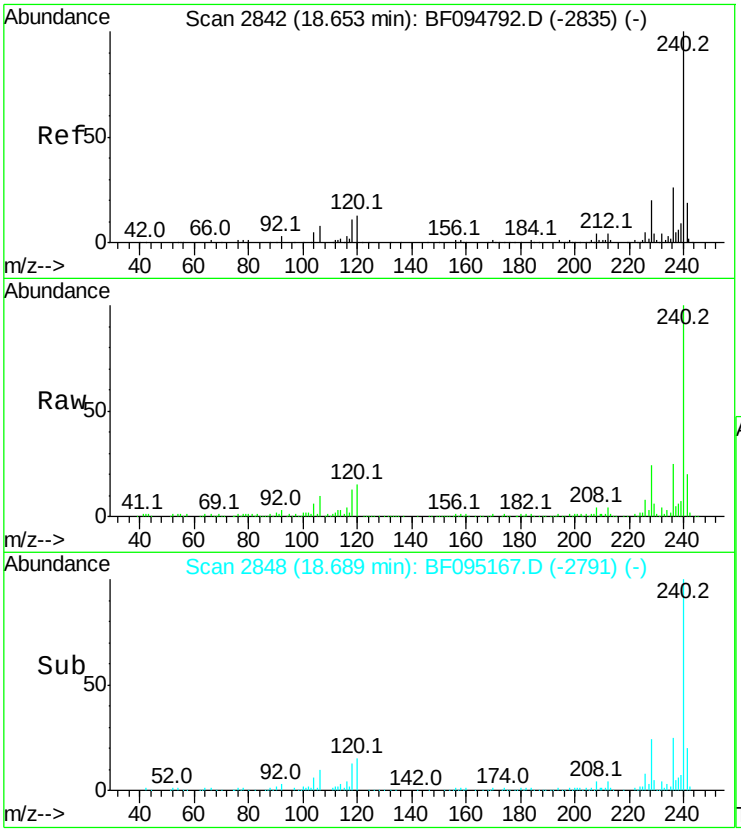


#74
Fluoranthene
Concen: 15.70 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:202 Resp: 281790

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	38.1



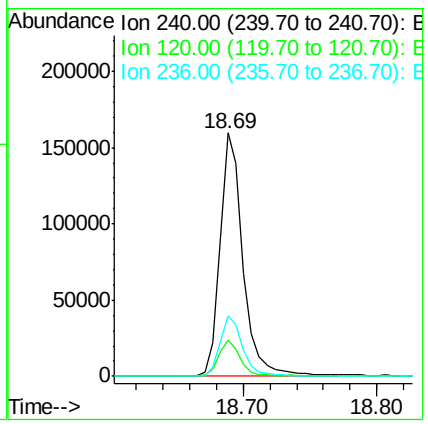


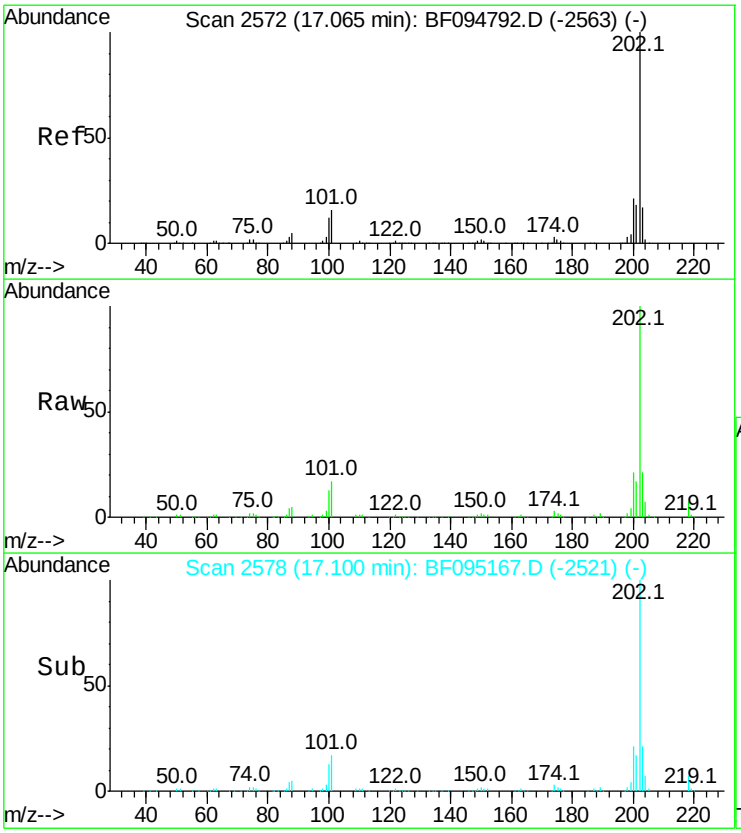
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 193573

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.1	20.5	30.7

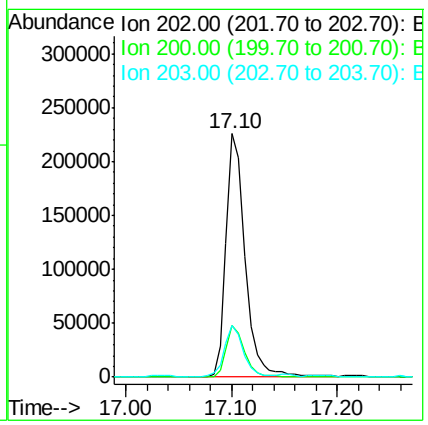


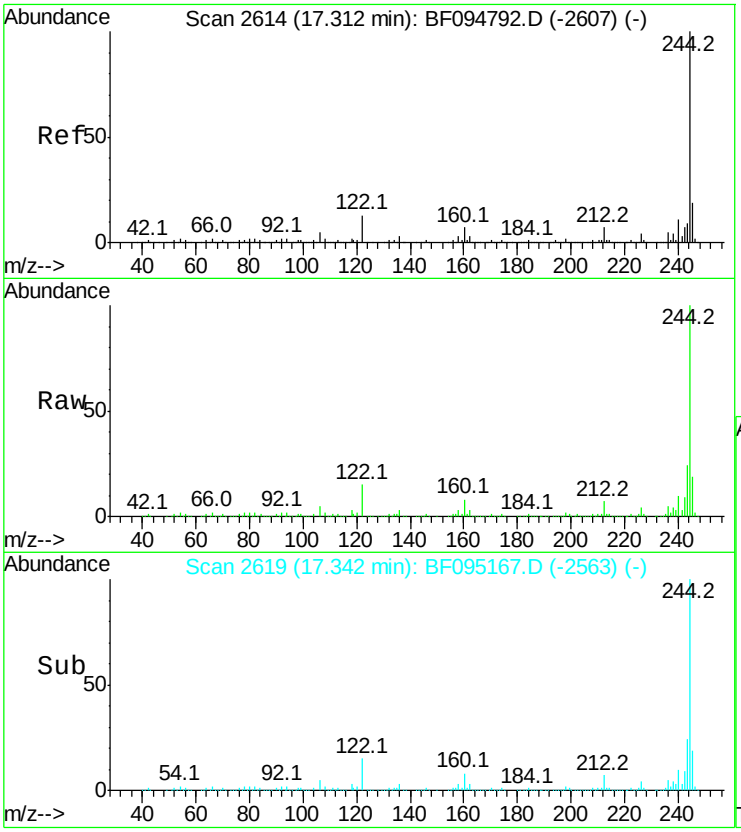


#77
Pyrene
Concen: 19.39 ng
RT: 17.10 min Scan# 2578
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:202 Resp: 280753

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	21.3	14.4	21.6



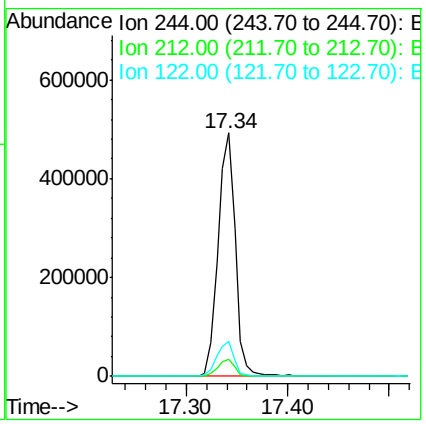


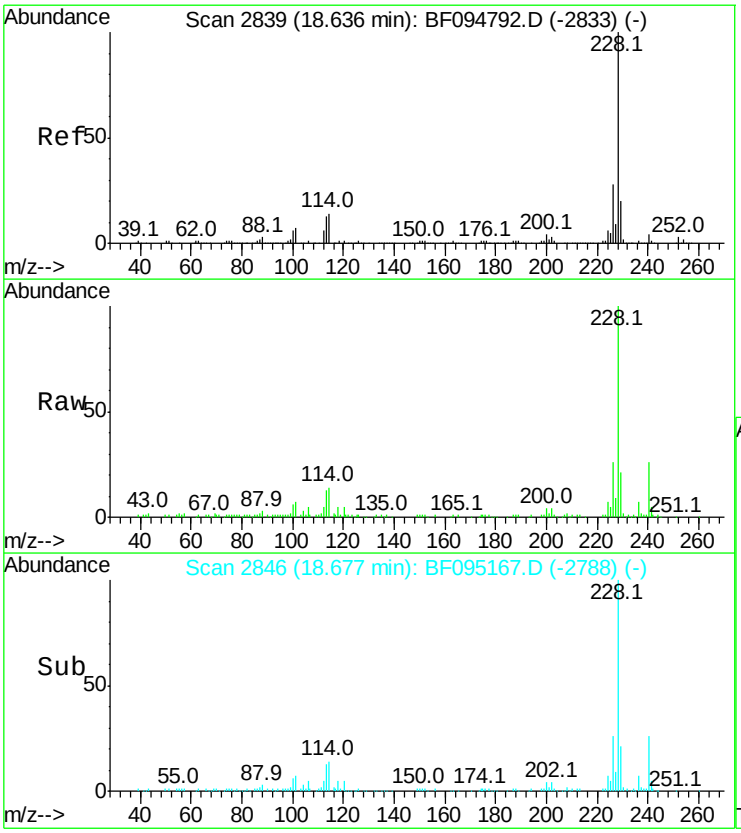
#78
Terphenyl-d14
Concen: 66.20 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 581781

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.5	10.3	15.5

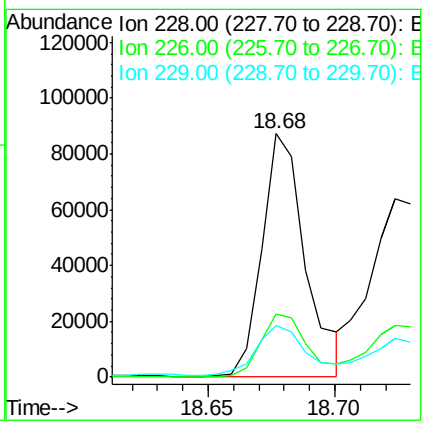


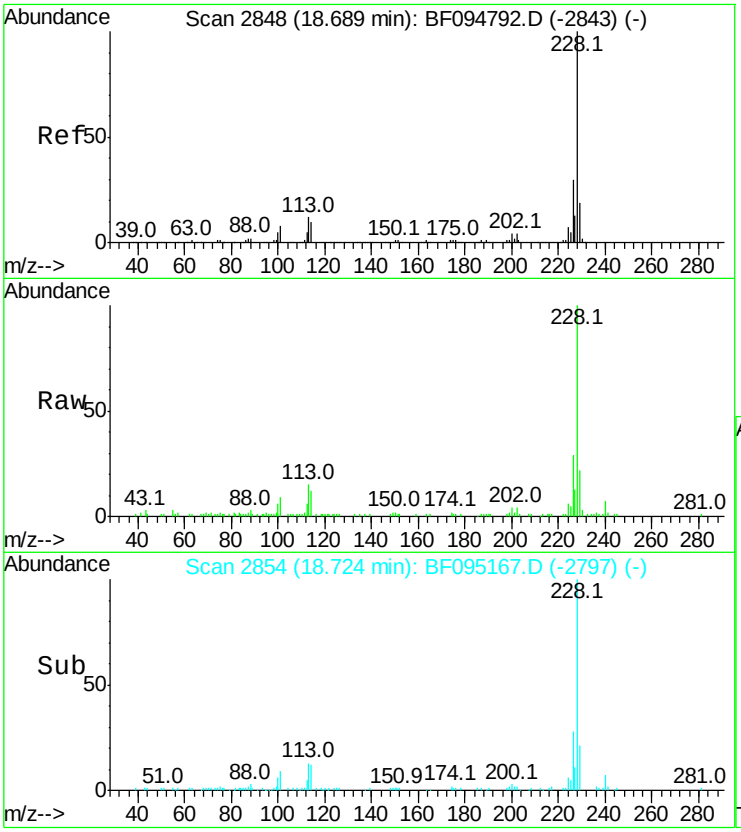


#80
Benzo(a)anthracene
Concen: 9.30 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:228 Resp: 104762

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	21.4	16.3	24.5



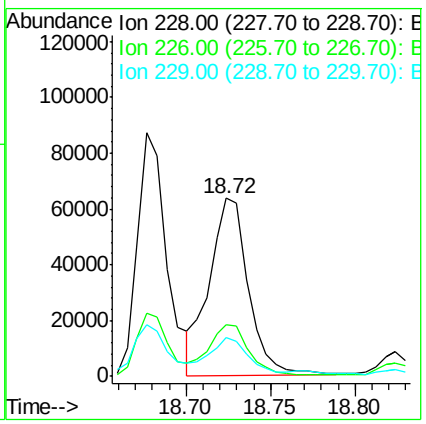


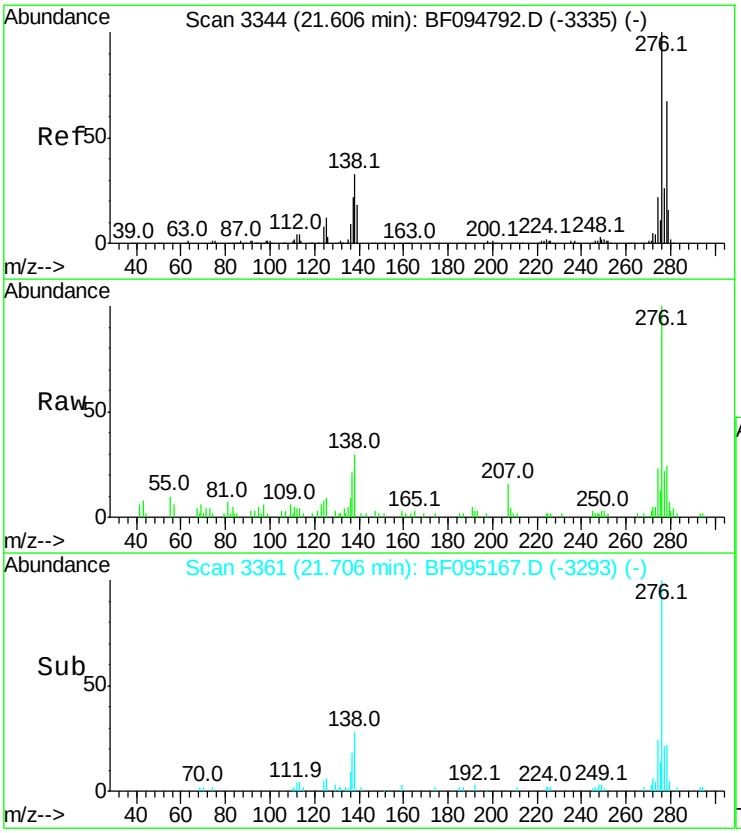
#82
Chrysene
Concen: 9.46 ng
RT: 18.72 min Scan# 2854
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 103077

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.7	15.8	23.6

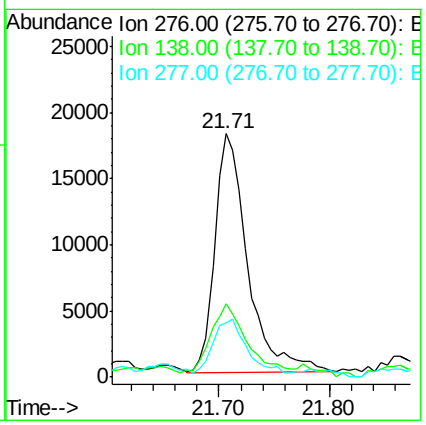


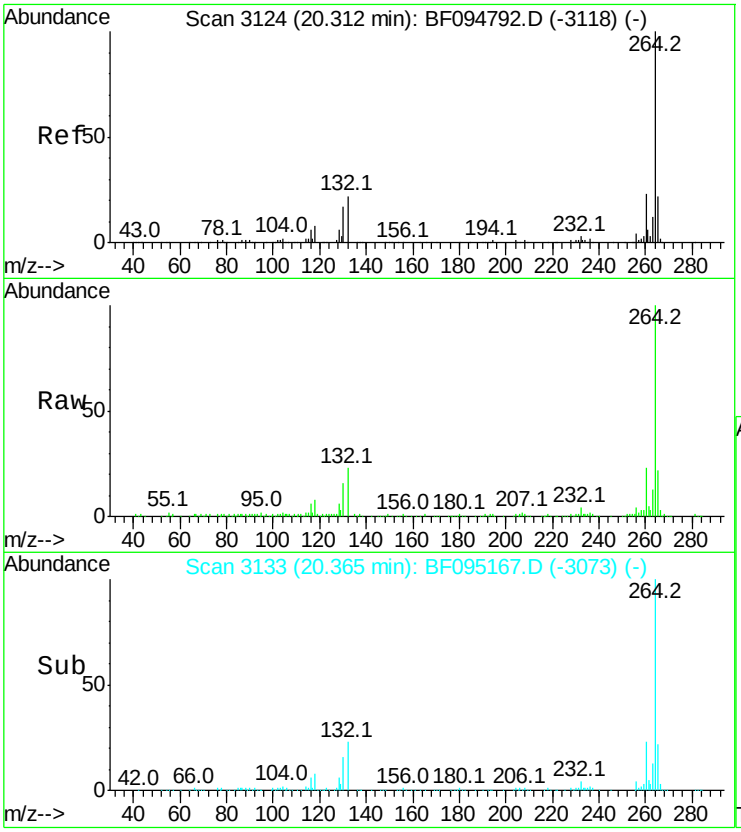


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:276 Resp: 37572

Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	22.1	20.2	30.4



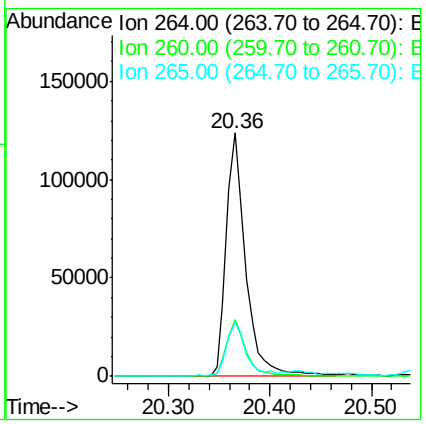


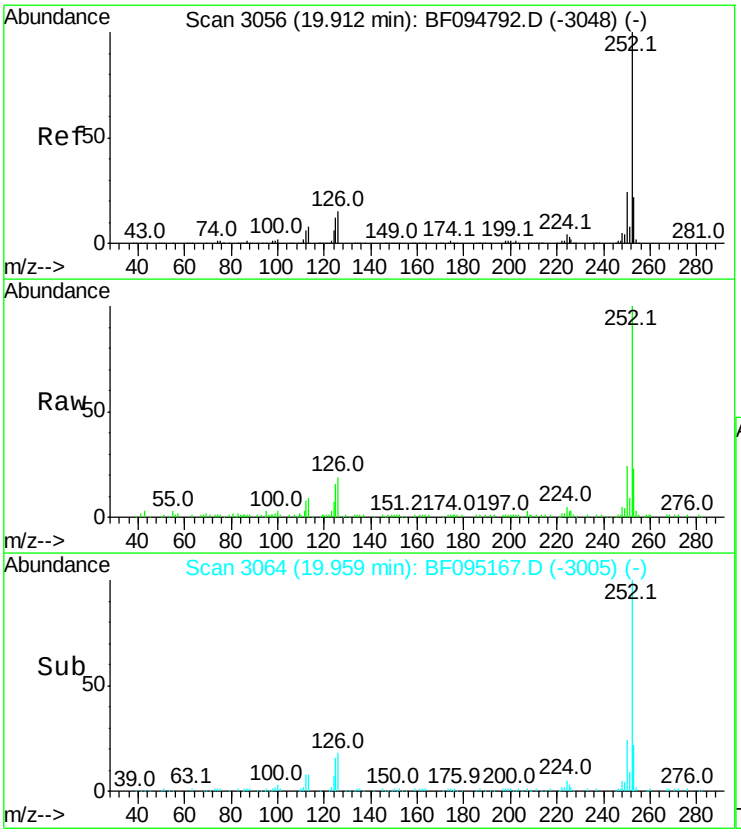
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167207

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.0	17.2	25.8

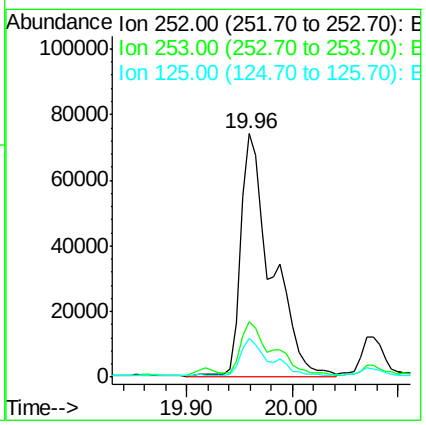


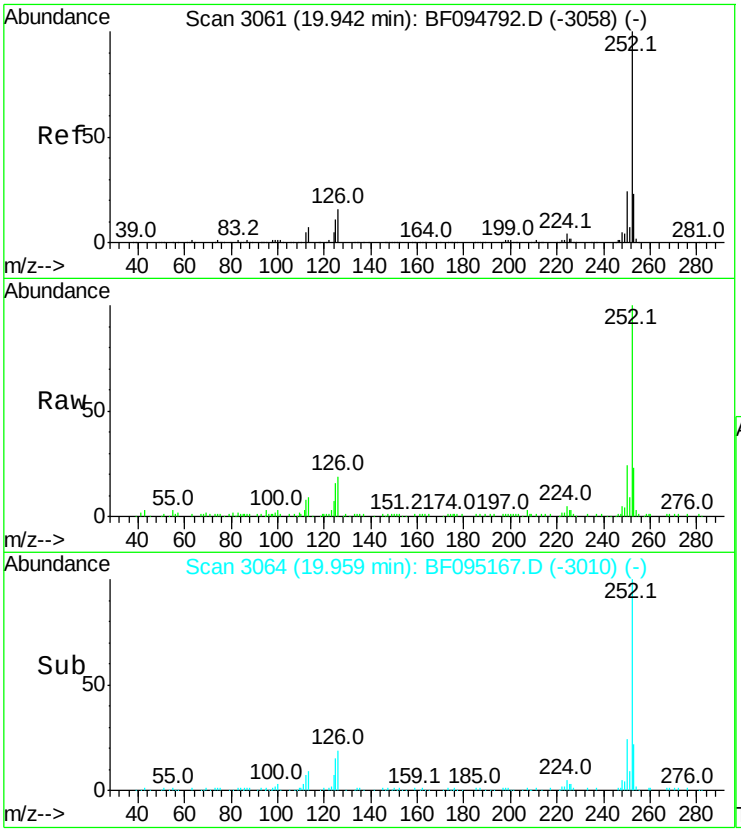


#87
Benzo(b)fluoranthene
Concen: 14.46 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:252 Resp: 149406

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.8	9.8	14.8#



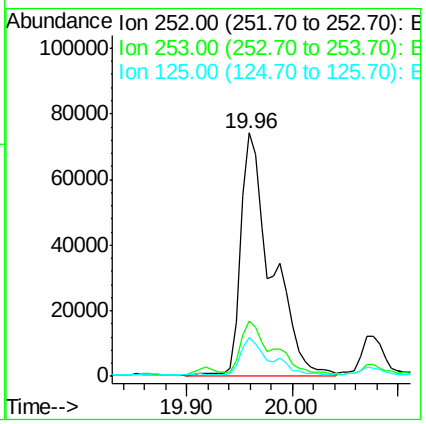


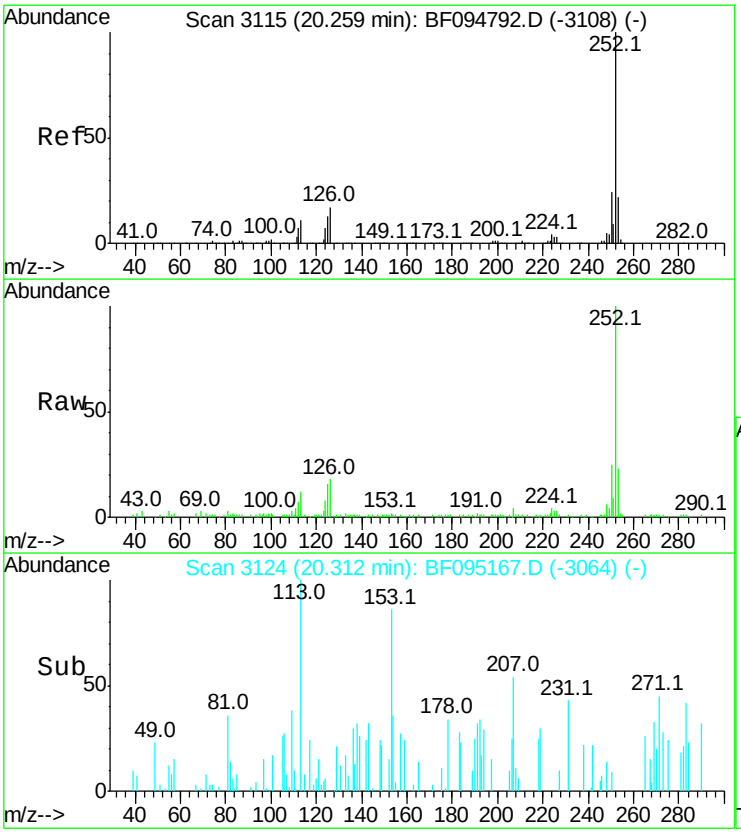
#88
Benzo(k)fluoranthene
Concen: 14.99 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 149406

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.8	13.1	19.7

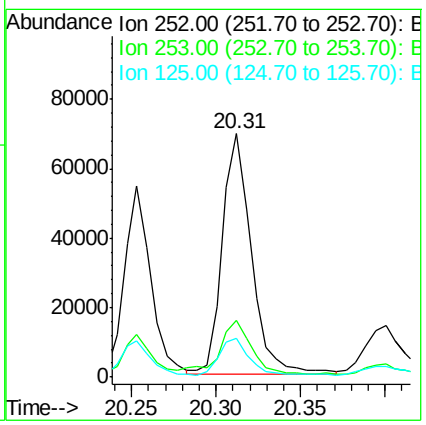


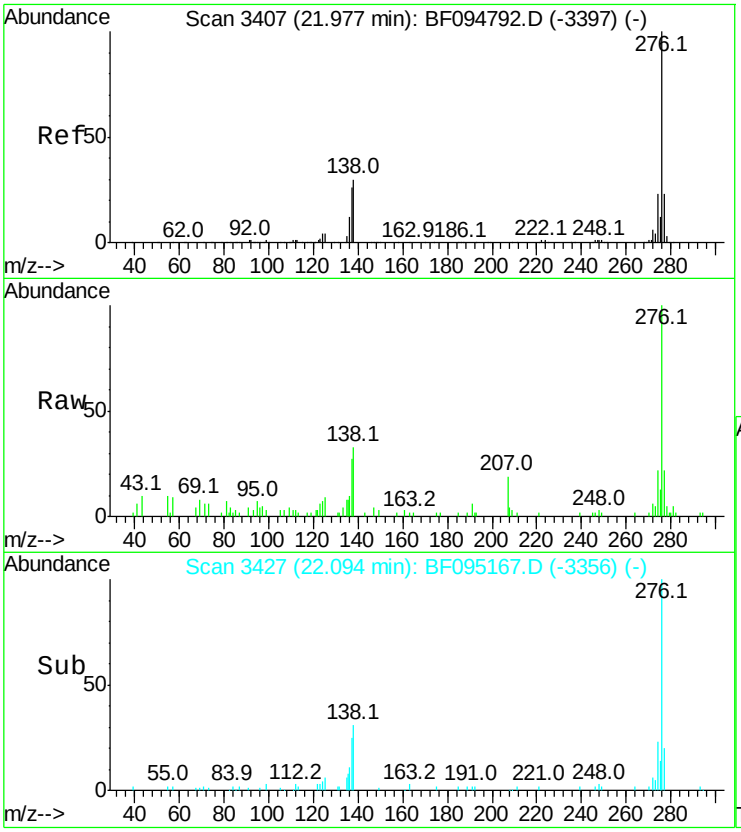


#89
Benzo(a)pyrene
Concen: 8.73 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:252 Resp: 83254

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.11 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.12 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39450

Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.6	28.0
138	33.0	25.4	38.0