Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095445.D
Acq On : 26 May 2017 2:49
Operator : SJ/MA
Sample : I3200-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 26 04:20:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	96997	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	394112	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	168069	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	248194	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	195004	20.00	ng		-0.02
86) Perylene-d12	20.36	264	139275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	110233	18.95	ng		0.01
7) Phenol-d6	7.34	99	158533	22.71	ng		0.02
23) Nitrobenzene-d5	8.67	82	72149	11.54	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	25101	18.24	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	197772	16.94	ng		-0.01
78) Terphenyl-d14	17.32	244	121650	13.74	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	12.25	163	44939	3.26	ng	#	99
50) 2,6-Dinitrotoluene	12.60	165	18305	6.50	ng	#	31
70) Phenanthrene	15.04	178	144913	10.16	ng		96
71) Anthracene	15.04	178	144913	9.95	ng		96
74) Fluoranthene	16.79	202	241721	16.52	ng		100
77) Pyrene	17.09	202	264661	18.15	ng		97
80) Benzo(a)anthracene	18.67	228	108728	9.58	ng		97
82) Chrysene	18.71	228	119439	10.88	ng		98
85) Indeno(1,2,3-cd)pyrene	21.71	276	29918	3.36	ng		95
87) Benzo(b)fluoranthene	19.95	252	110015	12.78	ng		96
88) Benzo(k)fluoranthene	19.95	252	108795	13.11	ng		96
89) Benzo(a)pyrene	20.31	252	62752	7.90	ng		99
91) Benzo(g,h,i)perylene	22.09	276	34634	5.38	ng	#	95

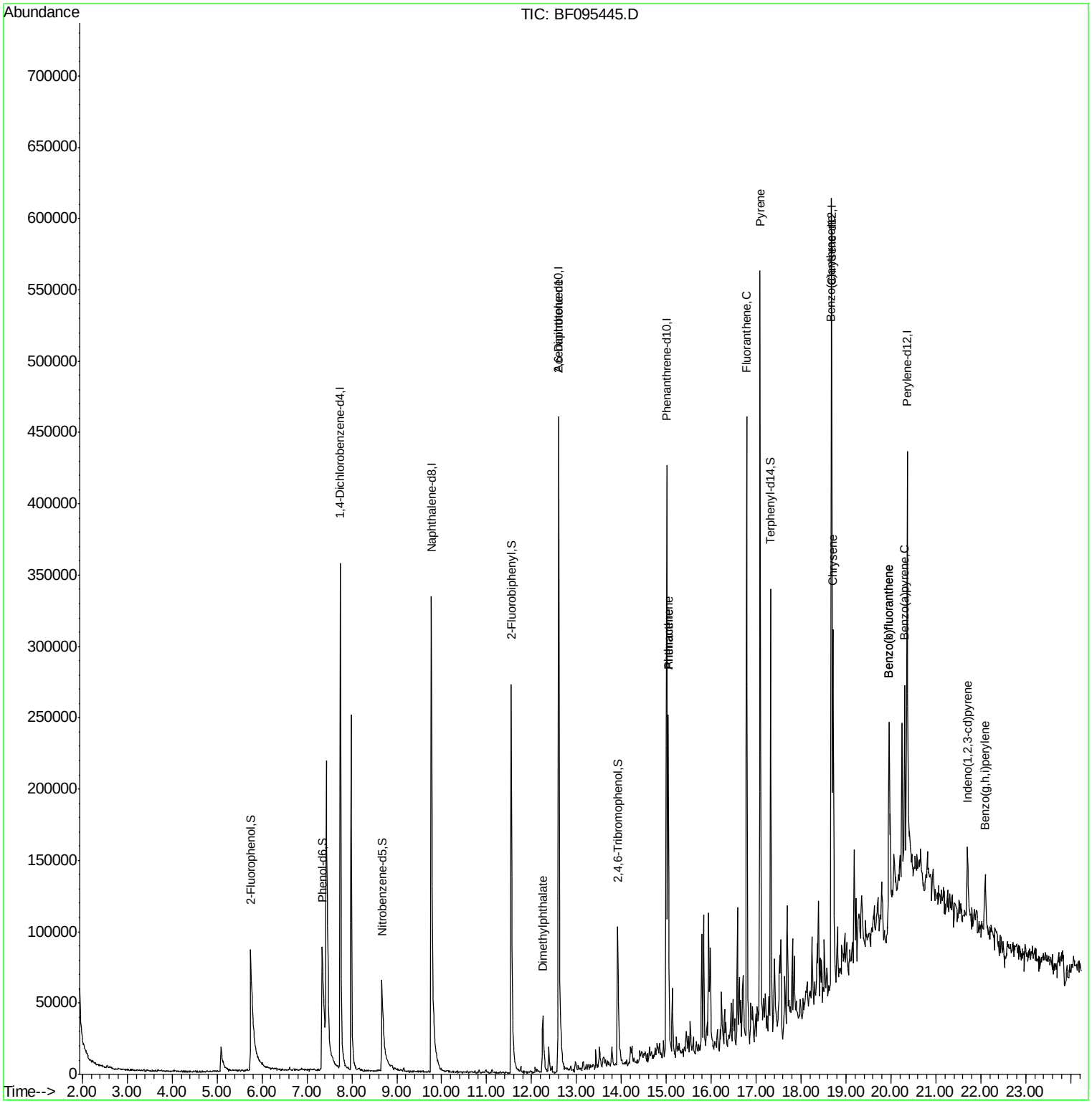
(#) = qualifier out of range (m) = manual integration (+) = signals summed

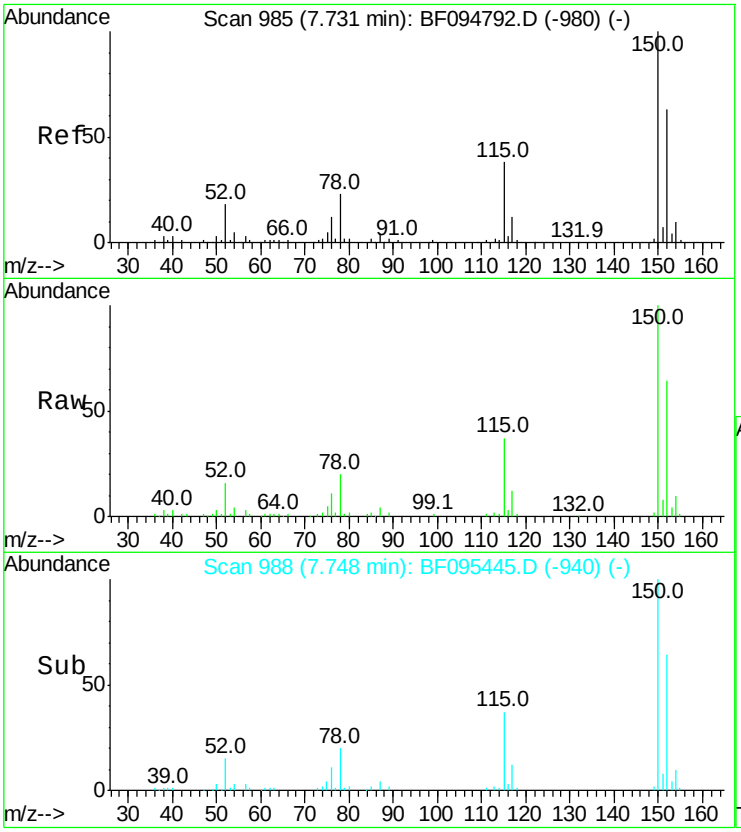
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095445.D
Acq On : 26 May 2017 2:49
Operator : SJ/MA
Sample : I3200-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 26 04:20:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



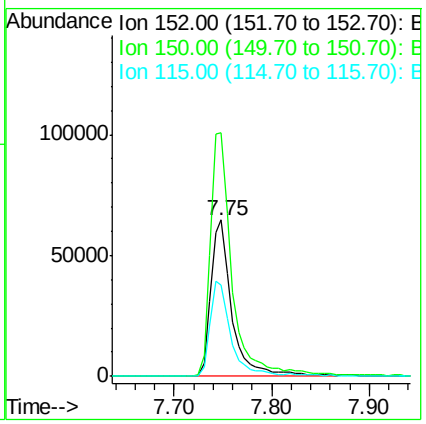


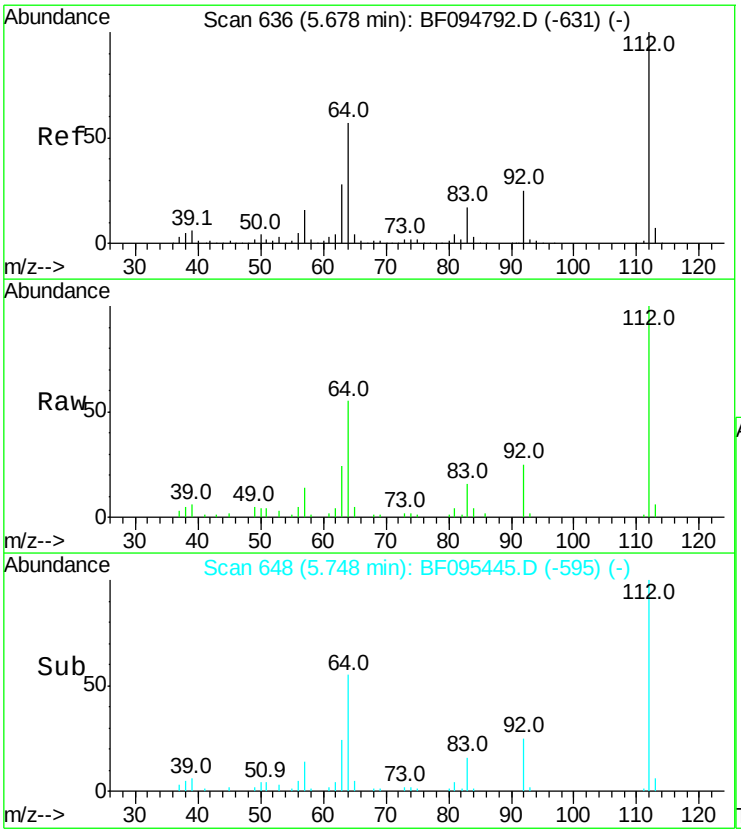
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96997

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	58.4	52.2	78.2

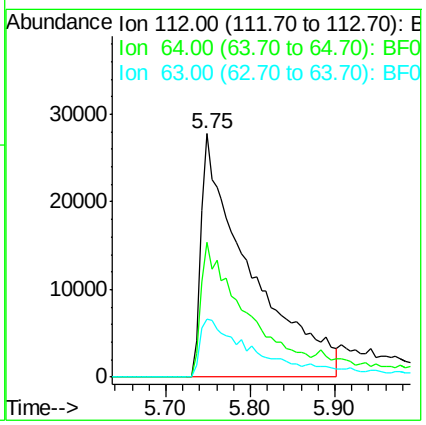


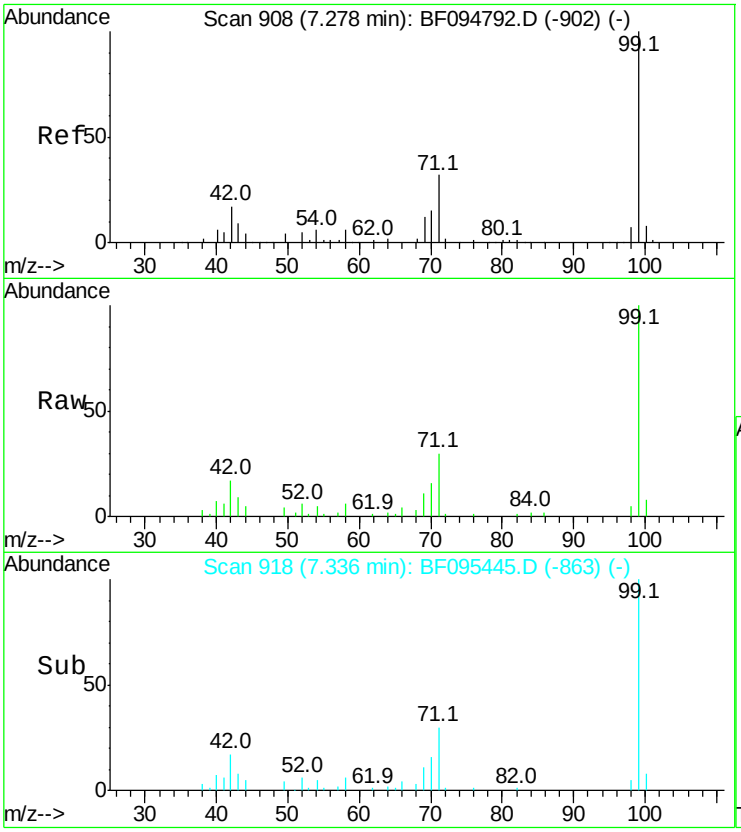


#5
2-Fluorophenol
Concen: 18.95 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:112 Resp: 110233

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	23.8	23.4	35.0



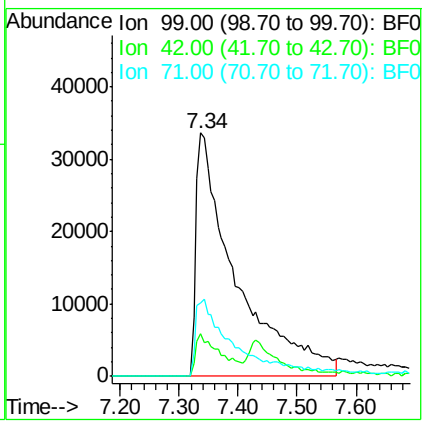


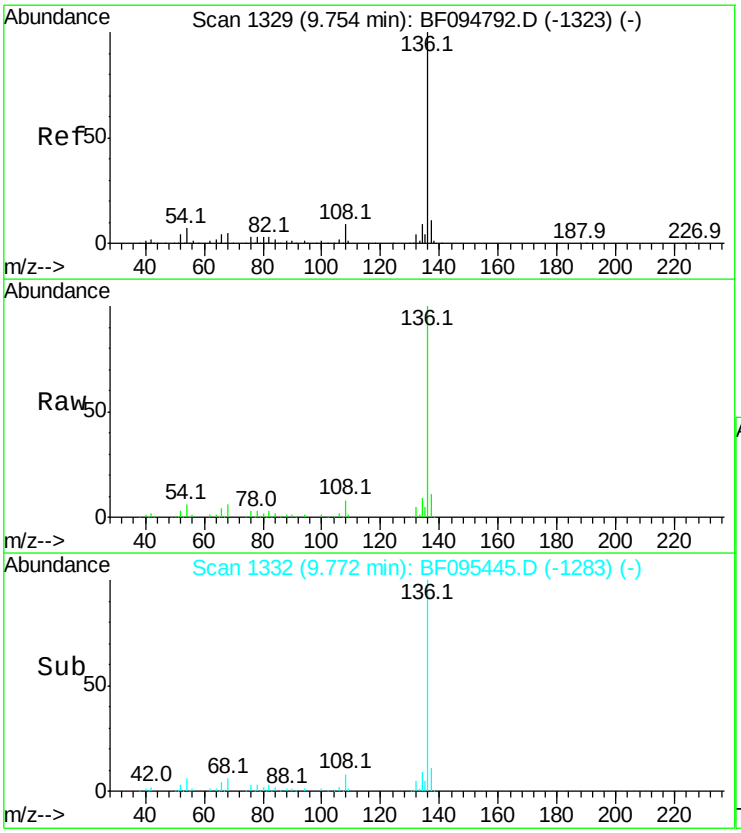
#7
Phenol-d6
Concen: 22.71 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 158533

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	29.9	24.5	36.7

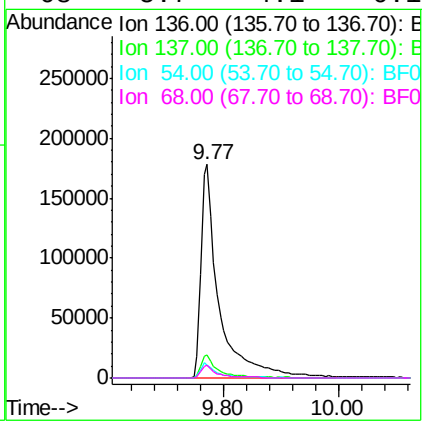


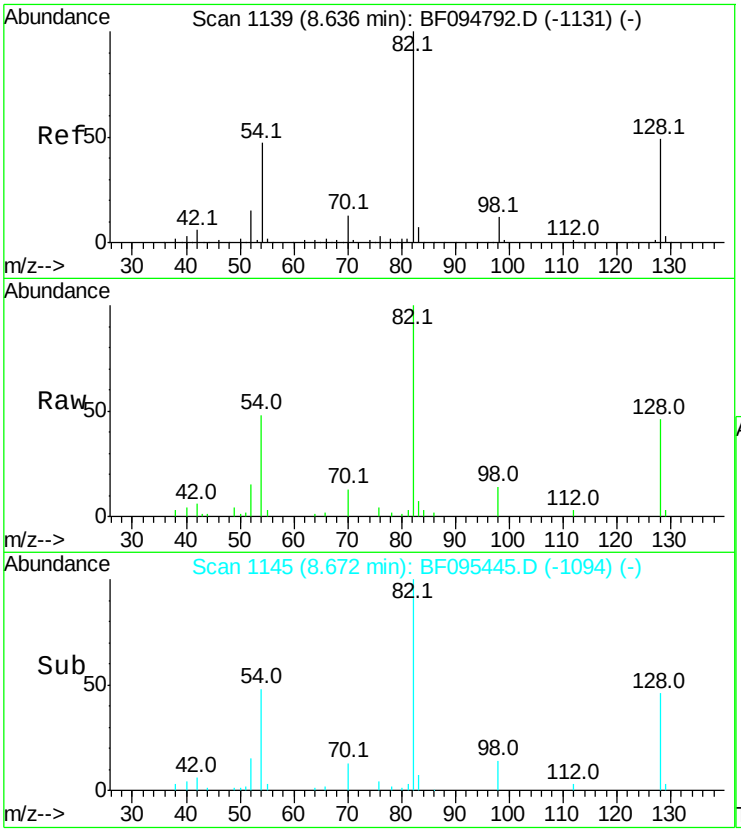


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:136 Resp: 394112

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.0	4.9	7.3
68	5.7	4.1	6.1



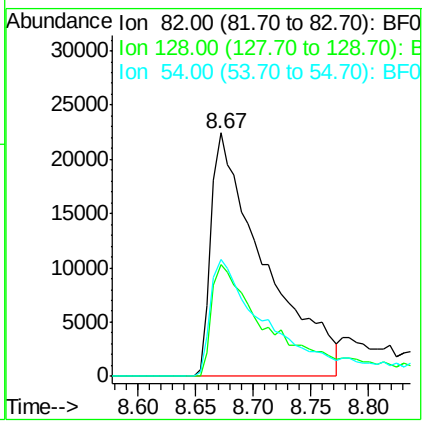


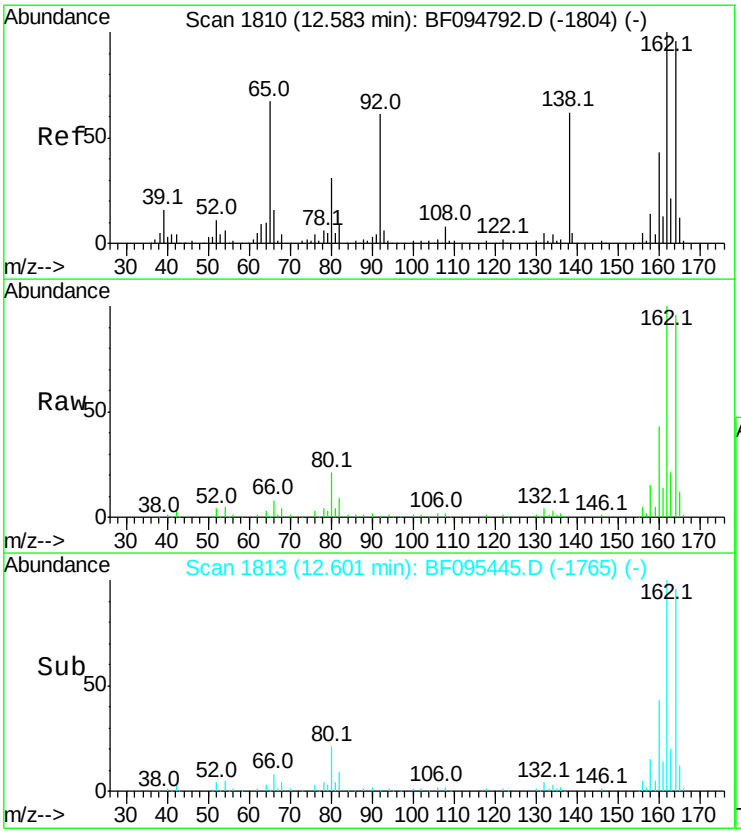
#23
Nitrobenzene-d5
Concen: 11.54 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 72149

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	47.9	42.2	63.2

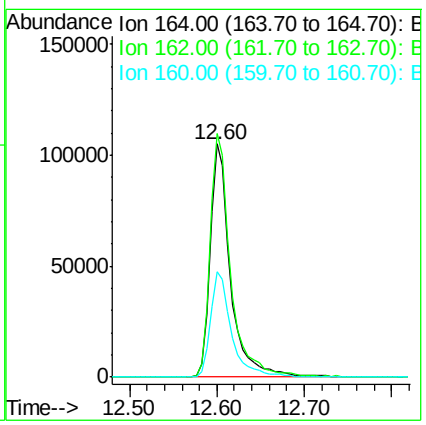


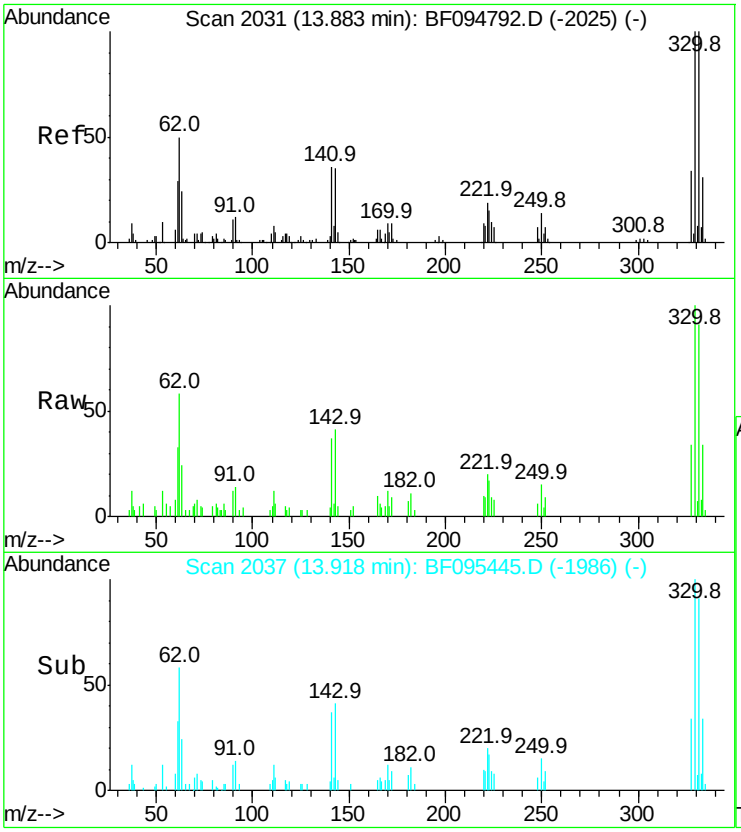


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:164 Resp: 168069

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.0	36.2	54.2



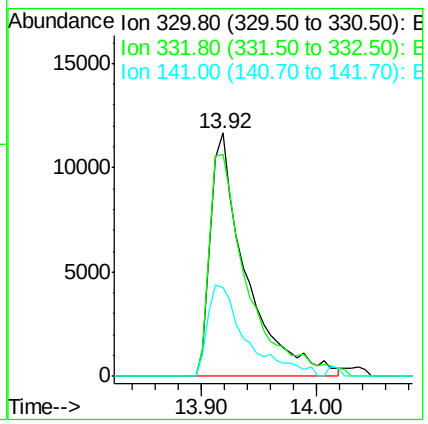


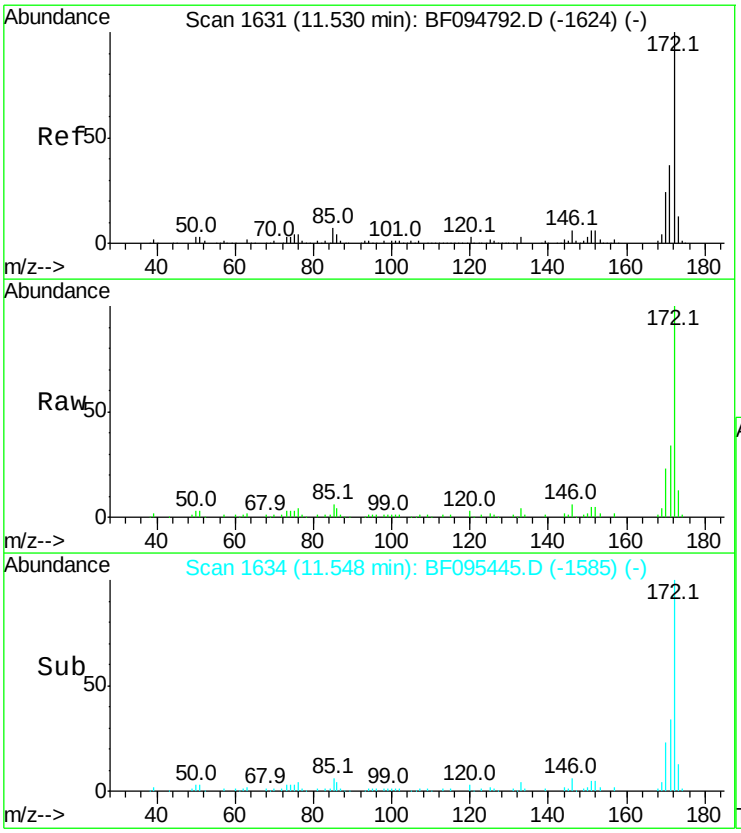
#41
2,4,6-Tribromophenol
Concen: 18.24 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25101

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.7	31.4	47.2

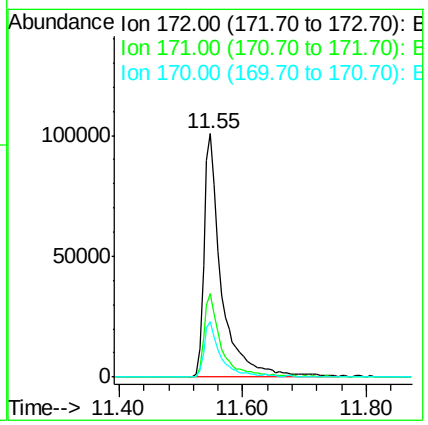


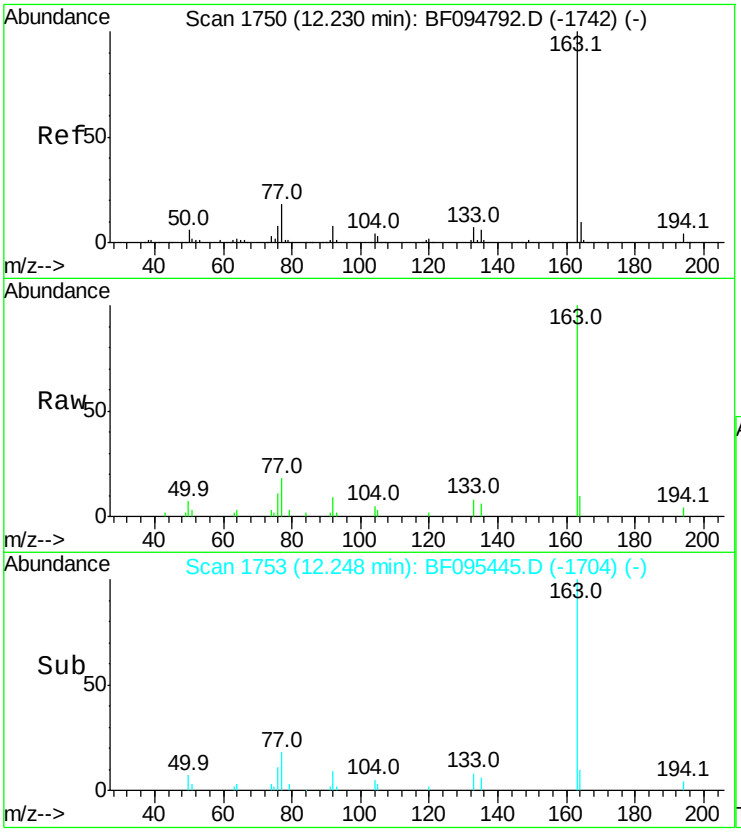


#44
2-Fluorobiphenyl
Concen: 16.94 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:172 Resp: 197772

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	22.6	19.8	29.8



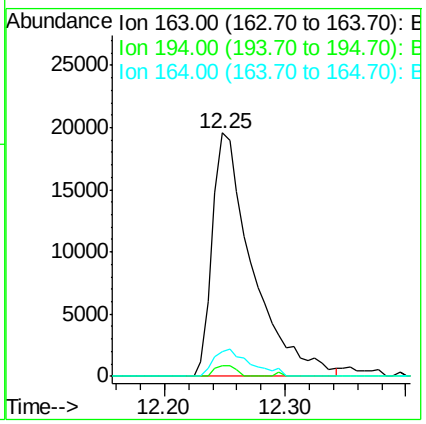


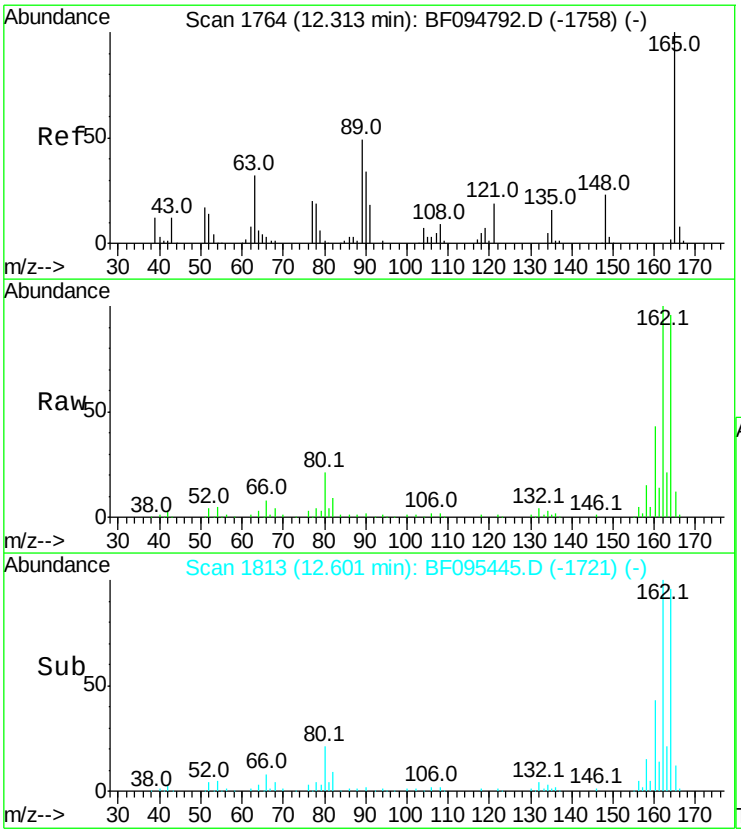
#49
Dimethylphthalate
Concen: 3.26 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44939

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.4	8.4	12.6

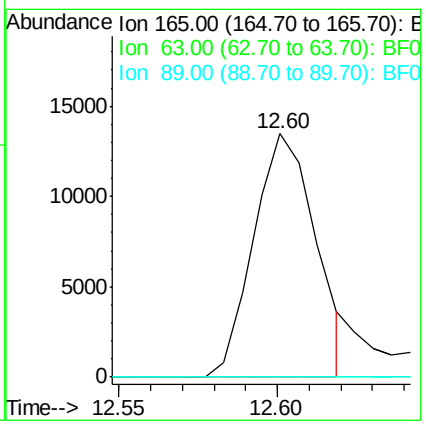


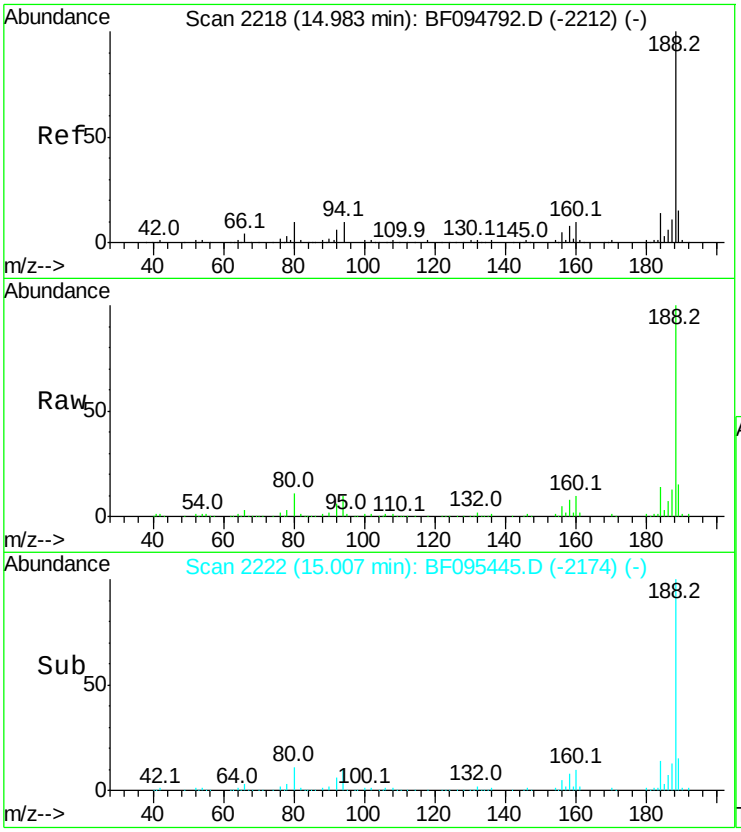


#50
2,6-Dinitrotoluene
Concen: 6.50 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.24 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:165 Resp: 18305

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



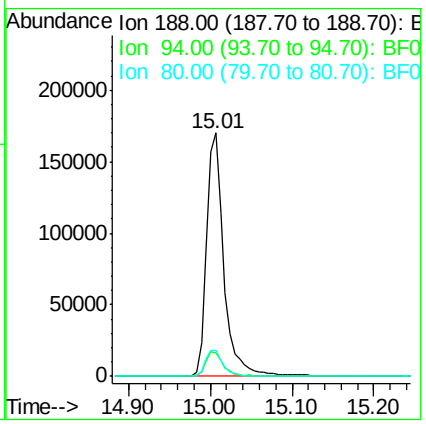


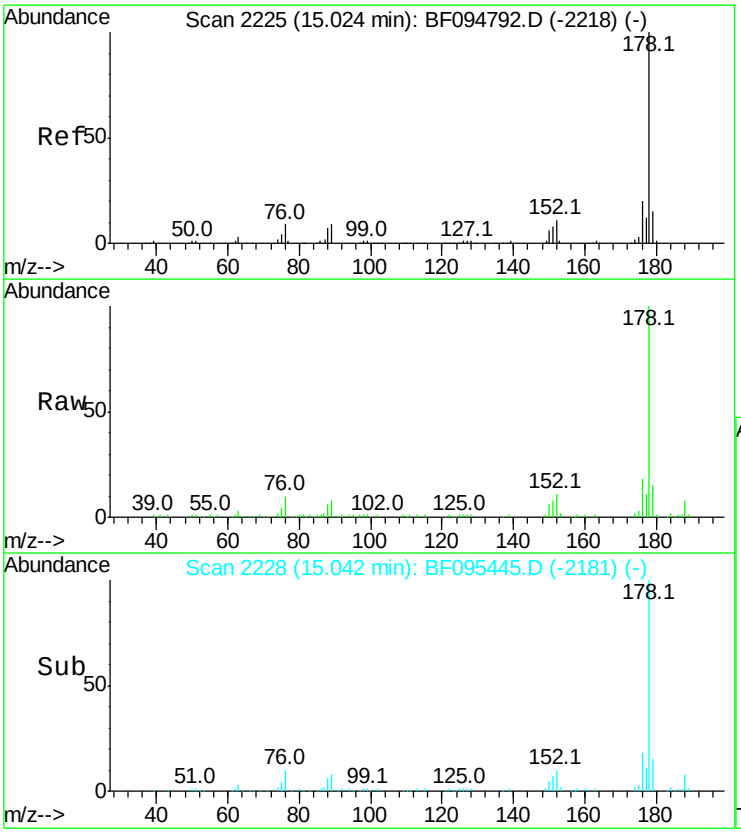
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 248194

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.8	10.2	15.2

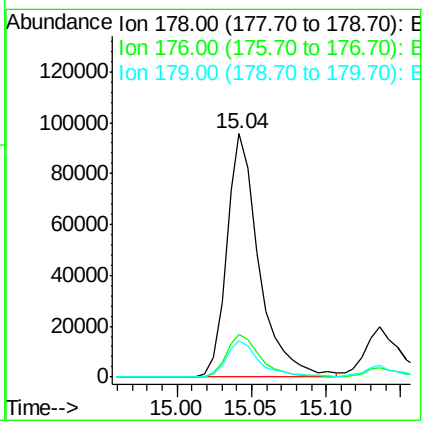


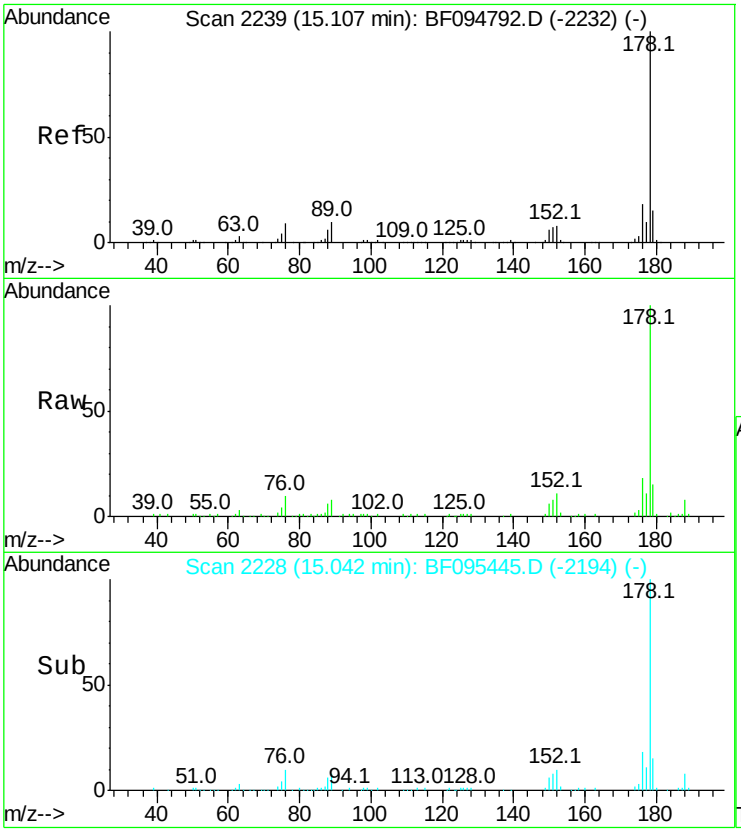


#70
Phenanthrene
Concen: 10.16 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:178 Resp: 144913

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.2	24.4
179	14.7	12.6	19.0



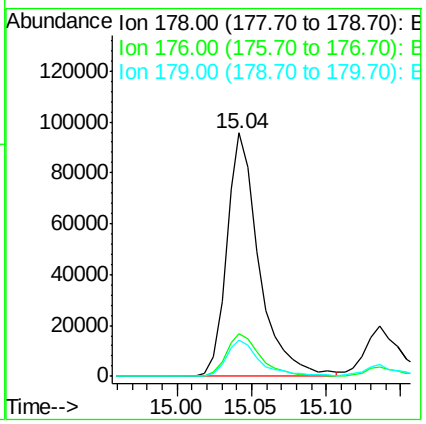


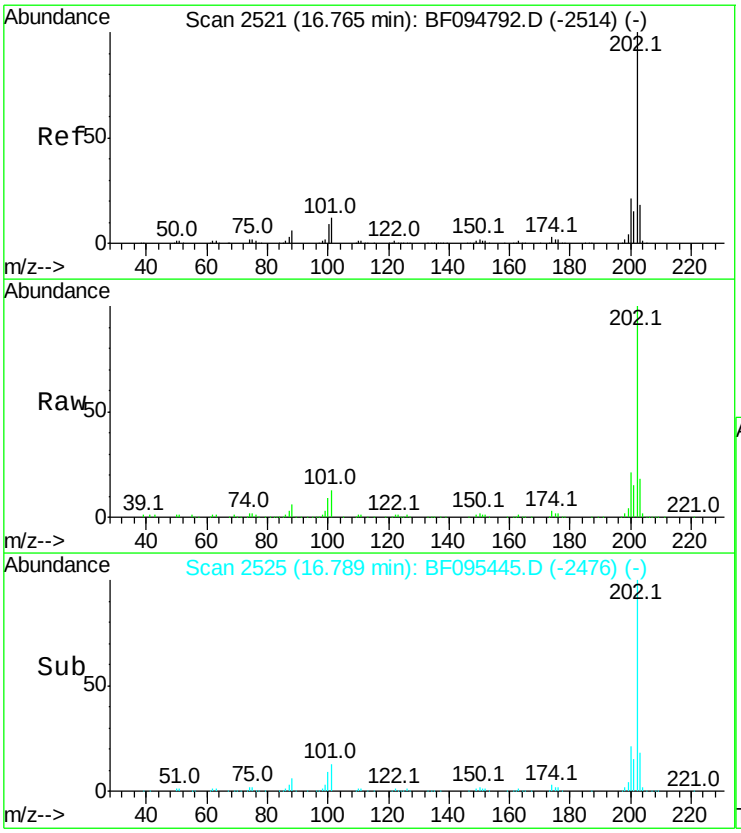
#71
Anthracene
Concen: 9.95 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.10 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 144913

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	14.7	12.7	19.1

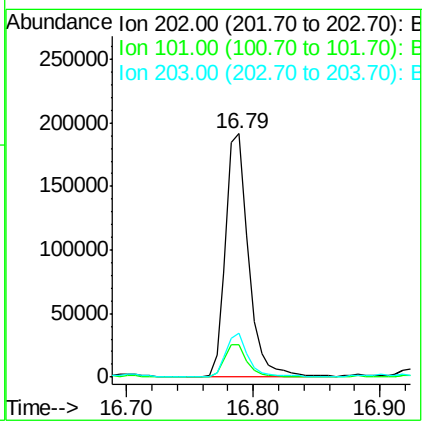


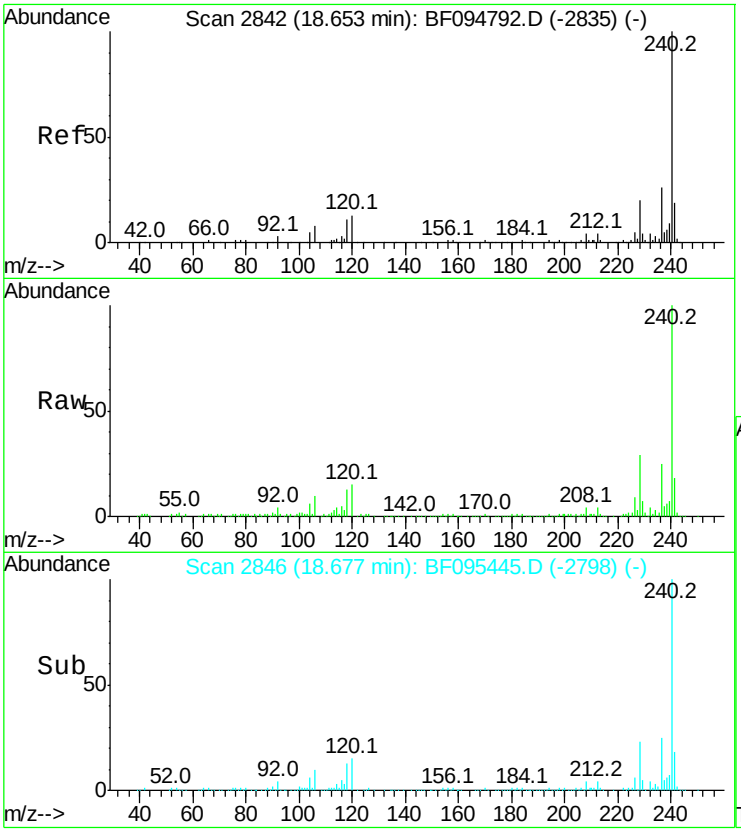


#74
Fluoranthene
Concen: 16.52 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:202 Resp: 241721

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.1	0.0	38.1



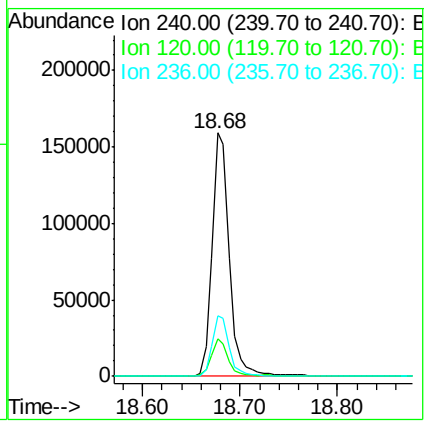


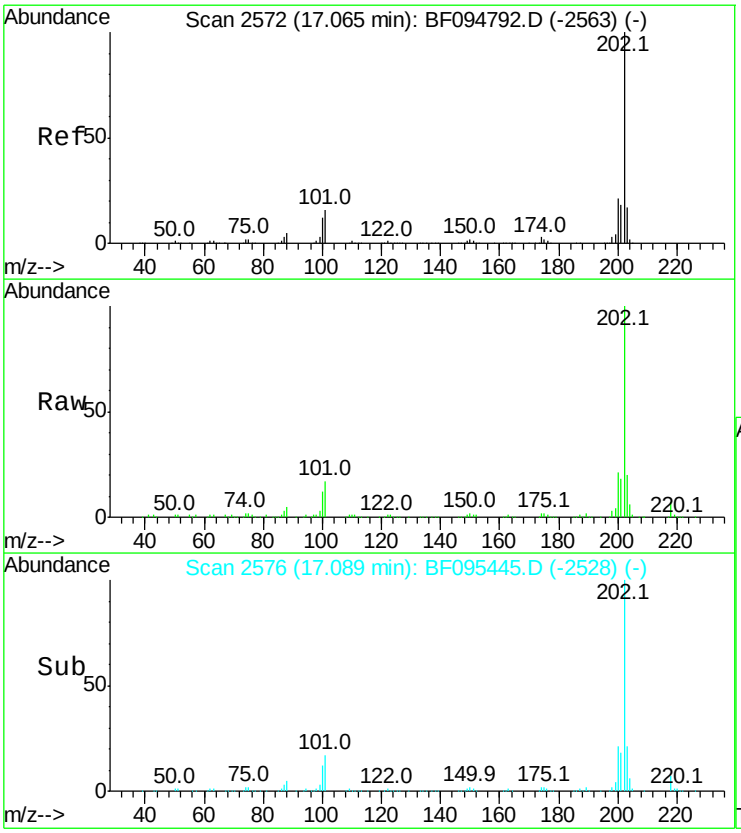
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 195004

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.7	20.5	30.7

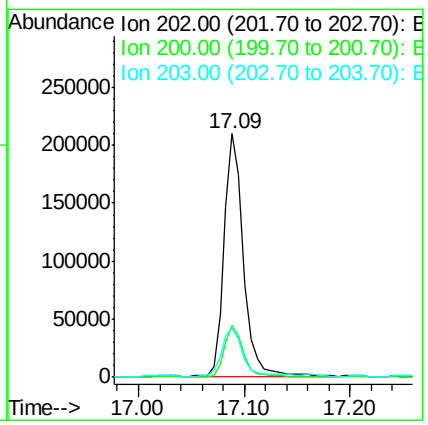


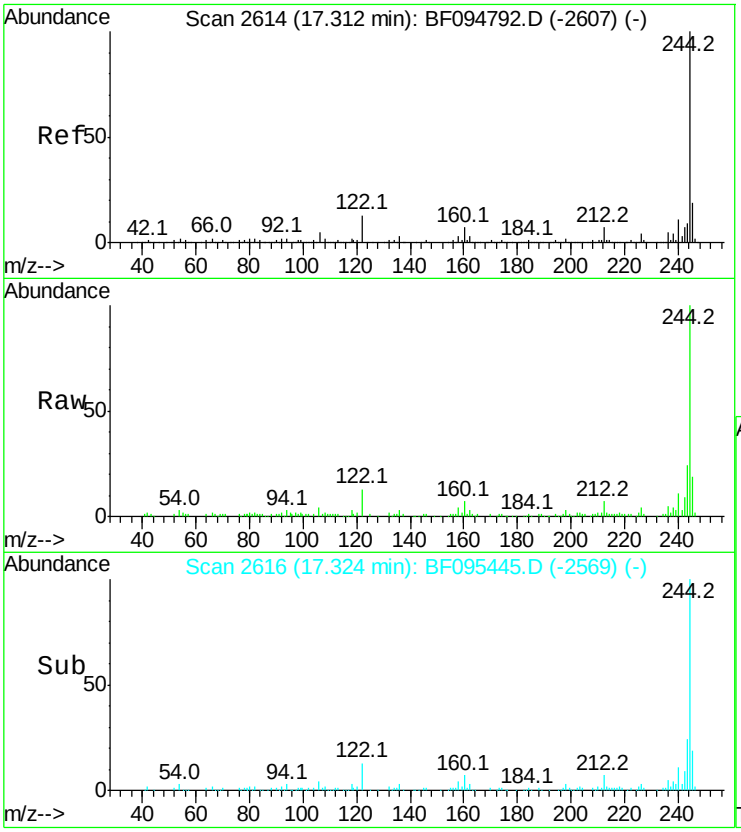


#77
Pyrene
Concen: 18.15 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:202 Resp: 264661

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	20.2	14.4	21.6



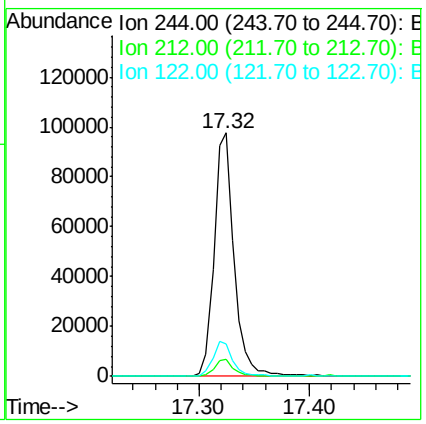


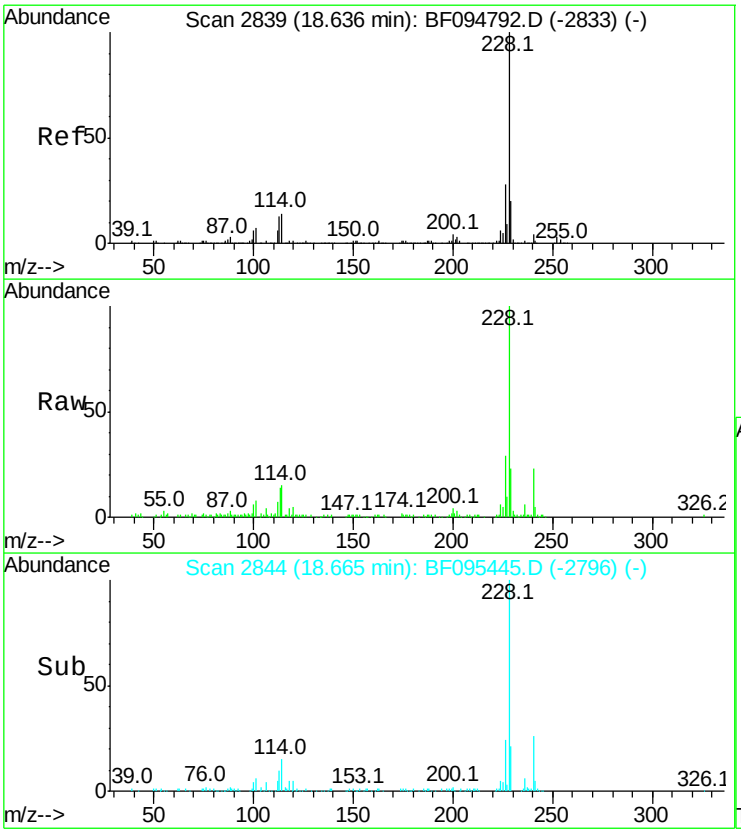
#78
Terphenyl-d14
Concen: 13.74 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 121650

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.4	10.3	15.5

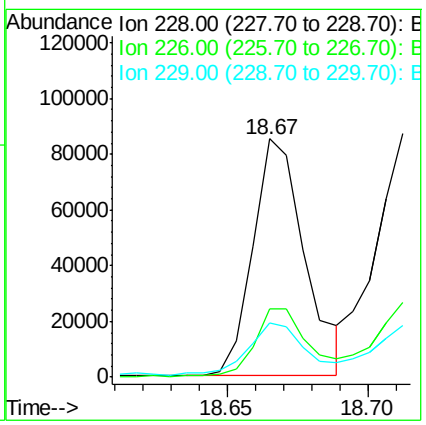


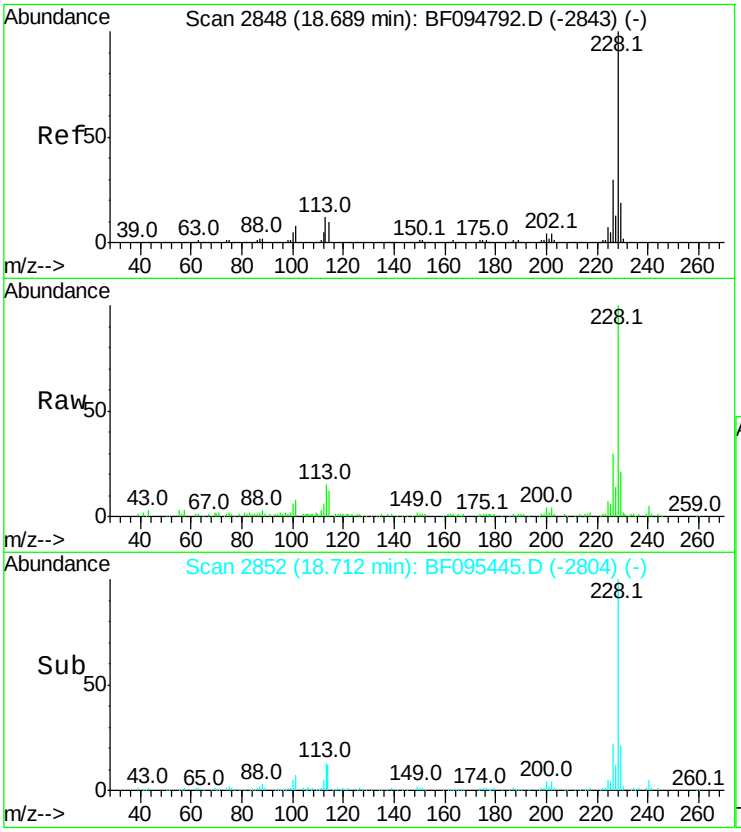


#80
Benzo(a)anthracene
Concen: 9.58 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:228 Resp: 108728

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.8	16.3	24.5



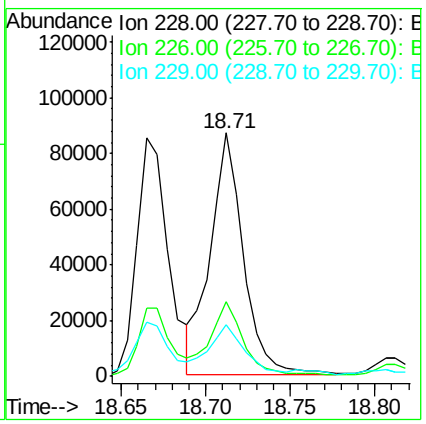


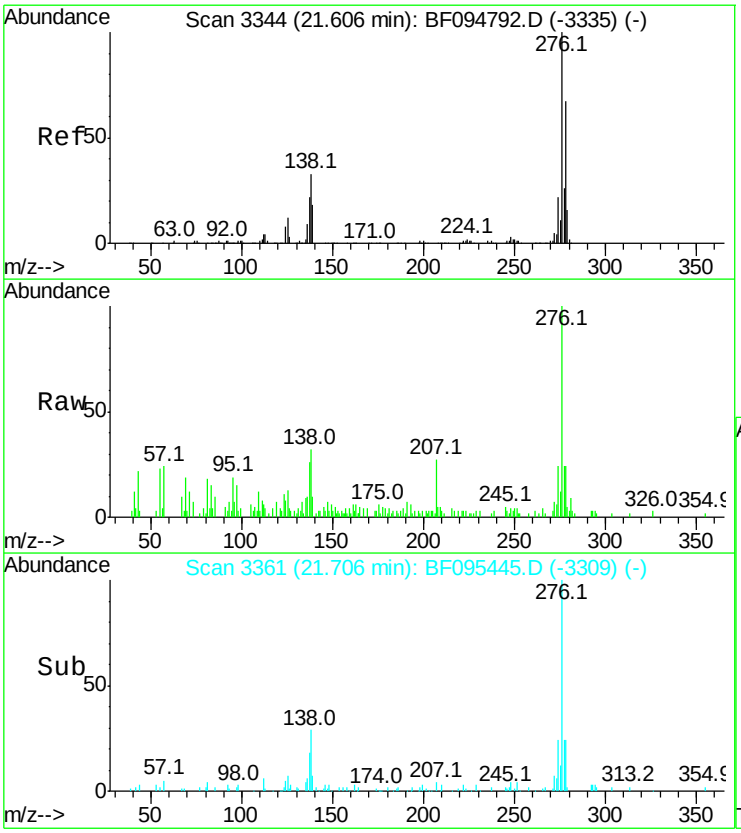
#82
Chrysene
Concen: 10.88 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 119439

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.0	15.8	23.6

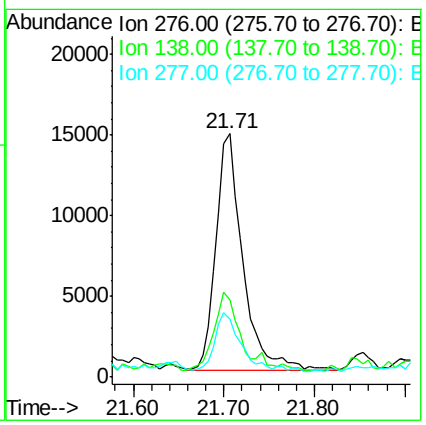


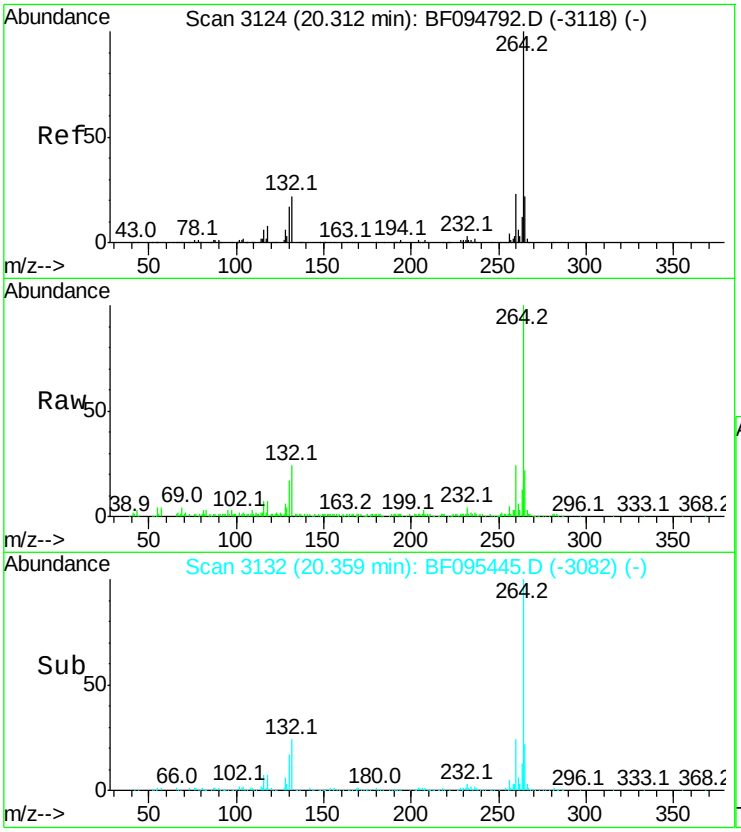


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.36 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:276 Resp: 29918

Ion	Ratio	Lower	Upper
276	100		
138	32.7	27.8	41.6
277	21.7	20.2	30.4



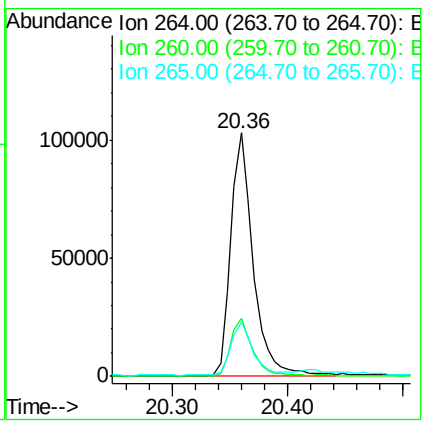


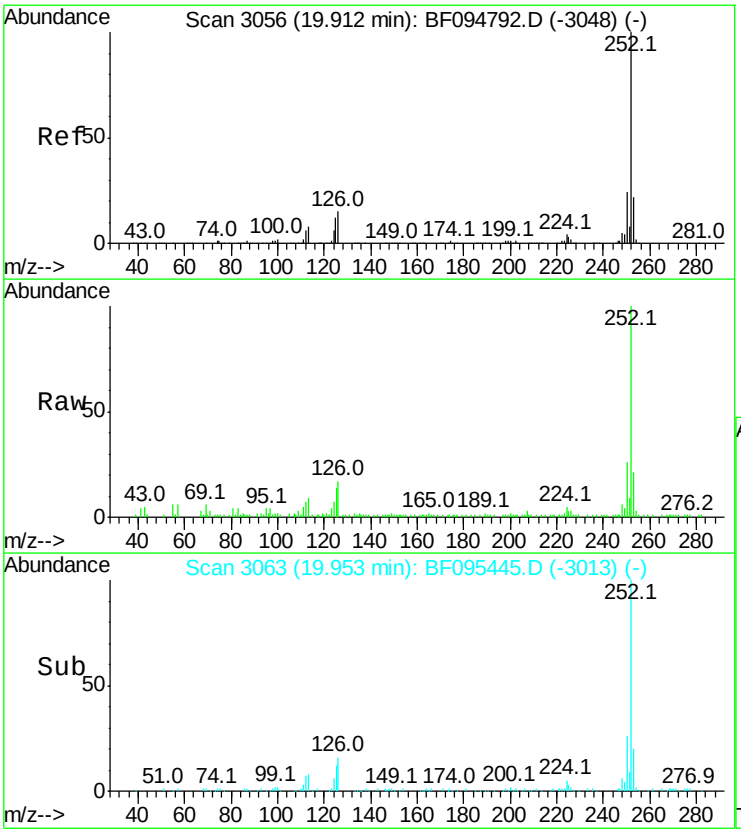
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 139275

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	17.2	25.8

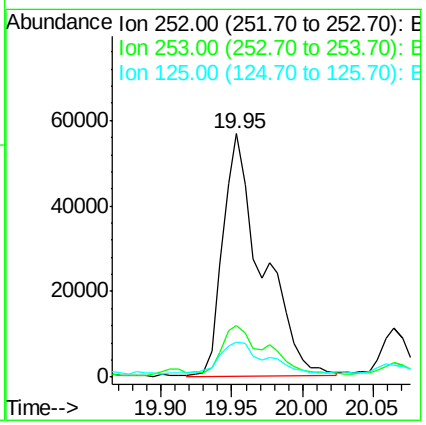


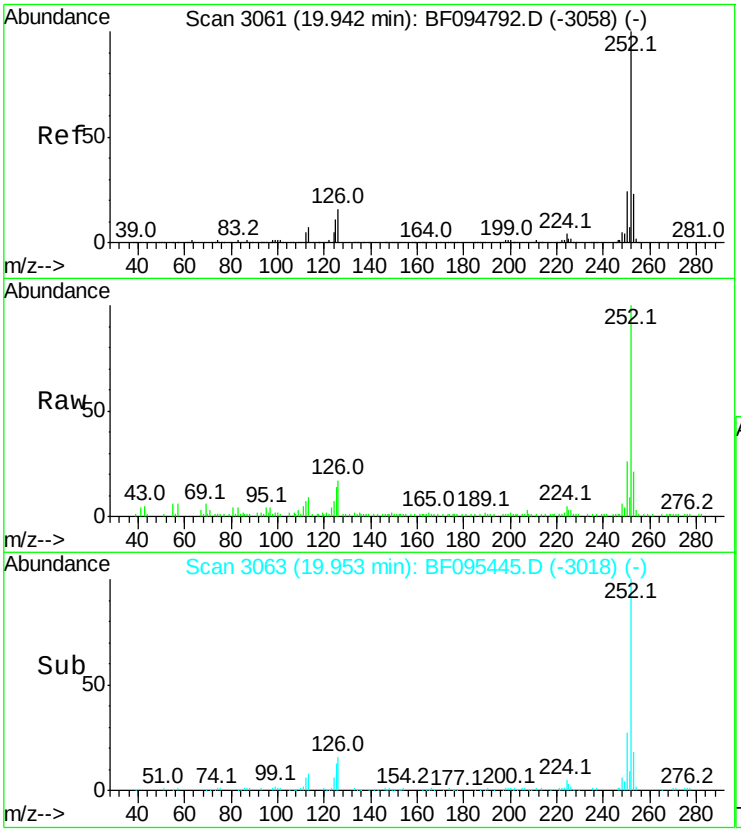


#87
Benzo(b)fluoranthene
Concen: 12.78 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:252 Resp: 110015

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	14.4	9.8	14.8



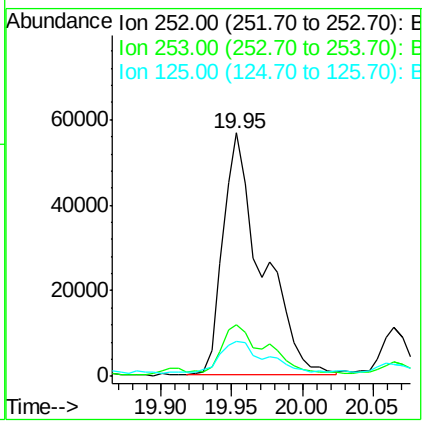


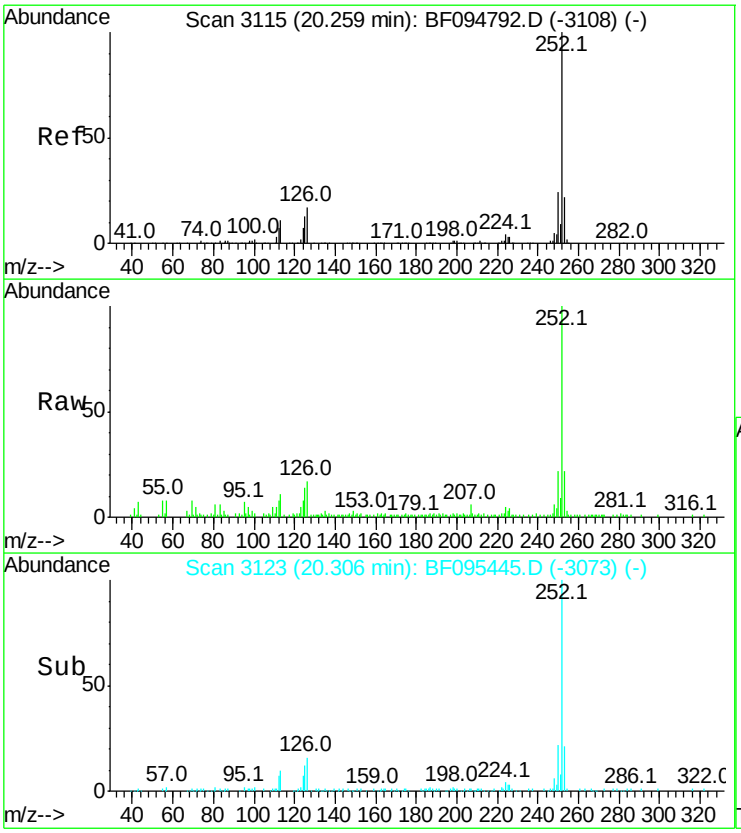
#88
Benzo(k)fluoranthene
Concen: 13.11 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108795

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.4	27.6
125	14.4	13.1	19.7

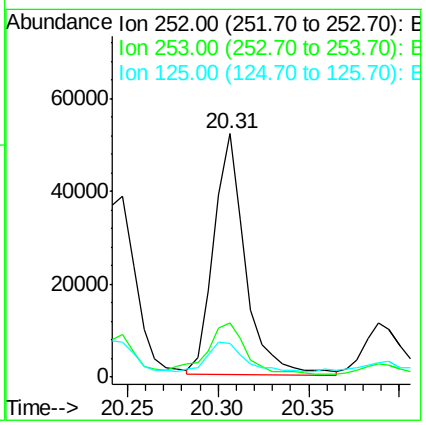


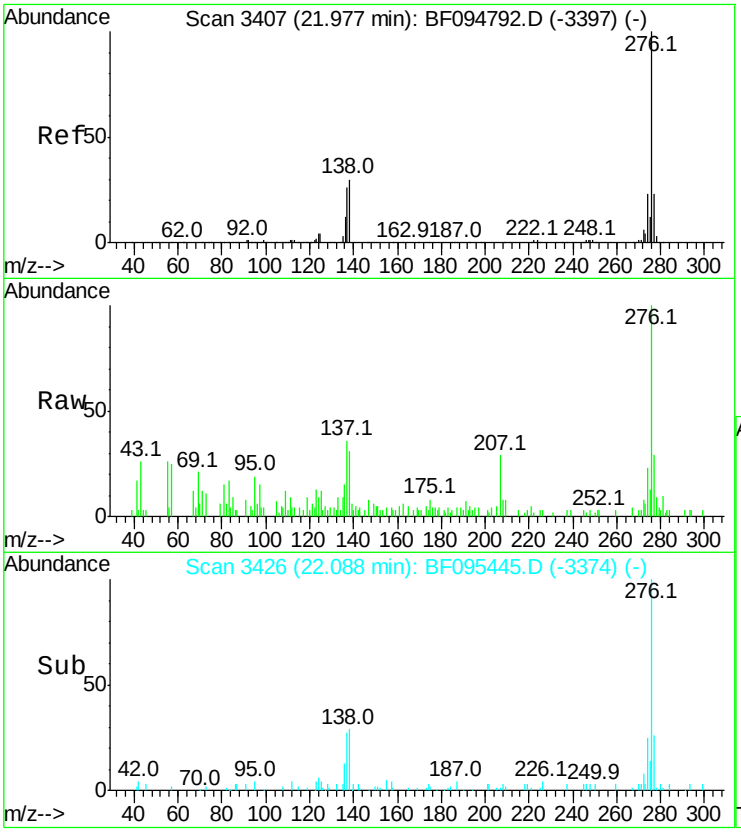


#89
Benzo(a)pyrene
Concen: 7.90 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Tgt Ion:252 Resp: 62752

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.38 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095445.D
Acq: 26 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34634

Ion	Ratio	Lower	Upper
276	100		
277	28.9	18.6	28.0#
138	31.2	25.4	38.0