Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095281.D
Acq On : 20 May 2017 00:51
Operator : SJ/MA
Sample : I3202-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 02:31:54 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	7.77	152	101276	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	417310	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	174434	20.00	ng		0.00
63) Phenanthrene-d10	15.01	188	312972	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	195148	20.00	ng		-0.01
86) Perylene-d12	20.36	264	184954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	852845	140.40	ng		0.00
7) Phenol-d6	7.31	99	1077638	147.85	ng		0.00
23) Nitrobenzene-d5	8.67	82	640833	96.83	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	225102	157.57	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	1214326	100.20	ng		0.00
78) Terphenyl-d14	17.34	244	809675	91.39	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.32	94	16698	2.17	ng	#	47
15) Benzyl Alcohol	8.00	79	9541	2.04	ng	#	37
19) n-Nitroso-di-n-propylamine	8.67	70	75438	15.30	ng	#	76
49) Dimethylphthalate	12.25	163	209313	14.62	ng		98
70) Phenanthrene	15.05	178	276582	15.38	ng		99
71) Anthracene	15.15	178	50425	2.75	ng		98
74) Fluoranthene	16.79	202	366222	19.85	ng		98
77) Pyrene	17.09	202	390984	26.79	ng		96
80) Benzo(a)anthracene	18.67	228	135515	11.93	ng		98
82) Chrysene	18.72	228	149421	13.61	ng		100
85) Indeno(1,2,3-cd)pyrene	21.71	276	57420	6.44	ng		94
87) Benzo(b)fluoranthene	19.96	252	172413	15.09	ng	#	97
88) Benzo(k)fluoranthene	19.96	252	172342	15.63	ng		98
89) Benzo(a)pyrene	20.31	252	106574	10.11	ng		98
91) Benzo(g,h,i)perylene	22.09	276	62595	7.32	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095281.D
Acq On : 20 May 2017 00:51
Operator : SJ/MA
Sample : I3202-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 02:31:54 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
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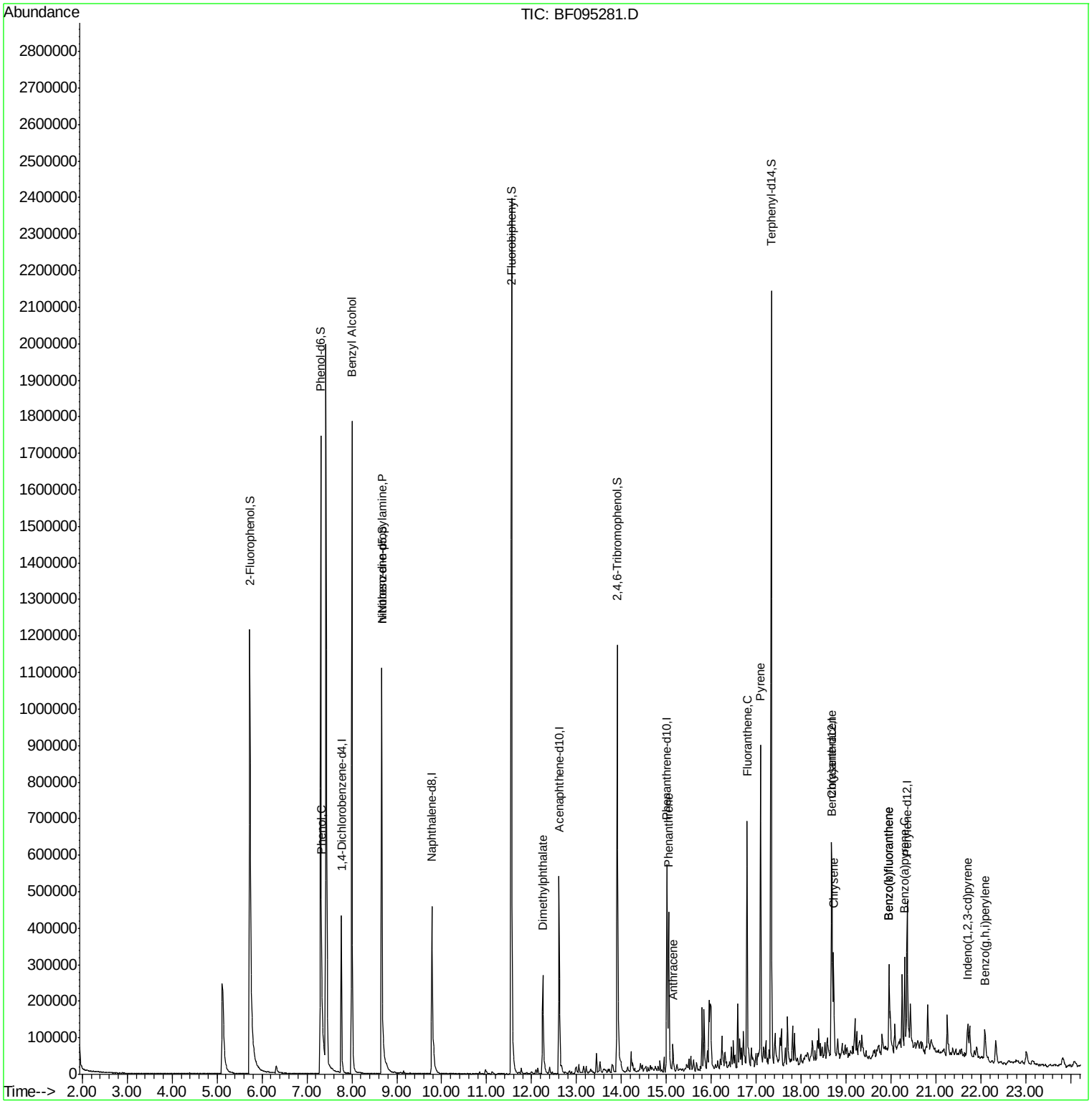
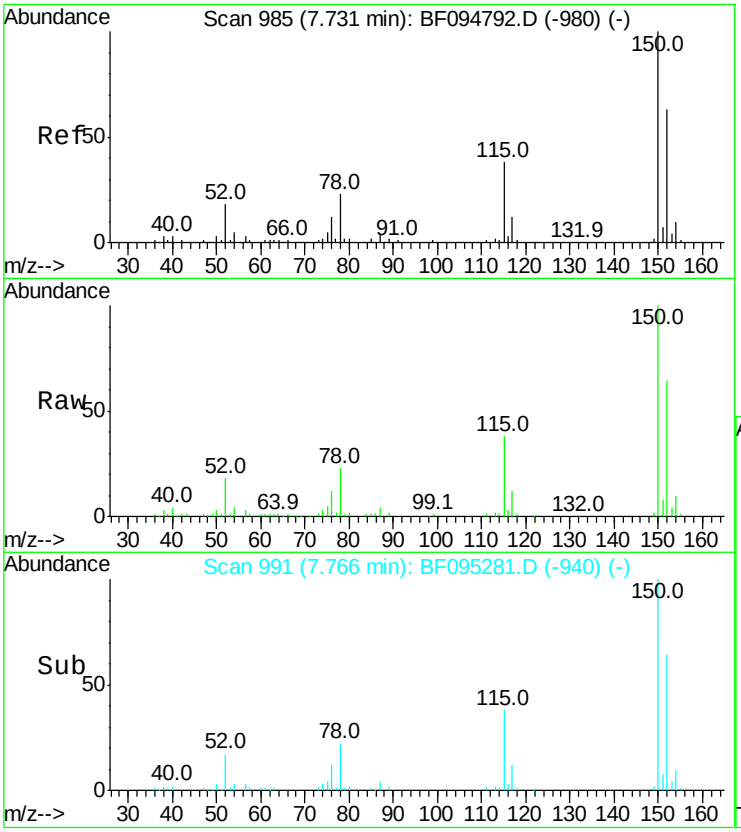


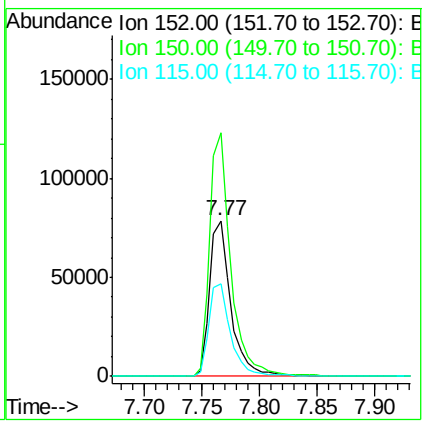


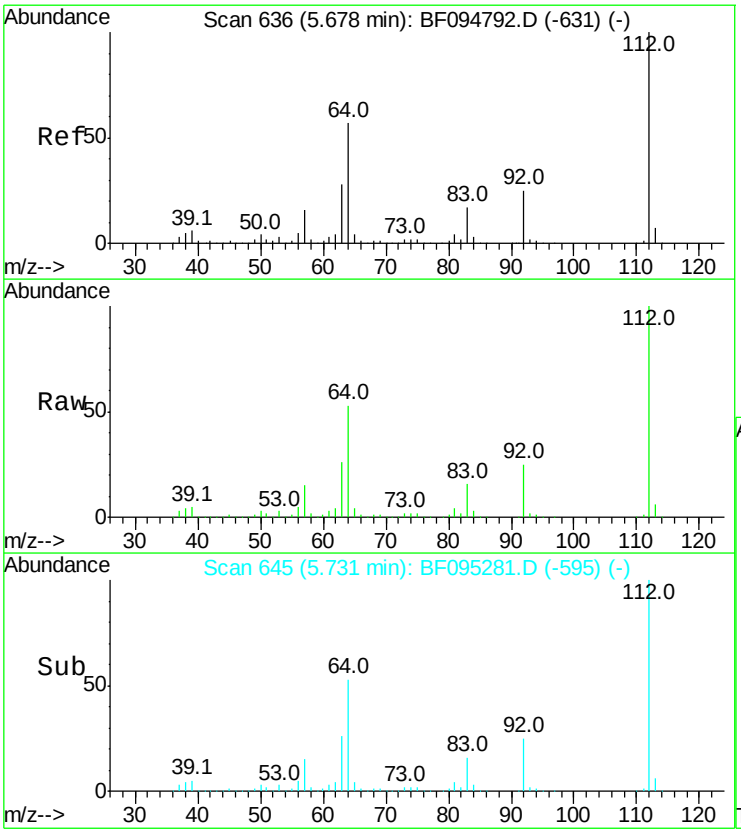
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101276

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	59.3	52.2	78.2

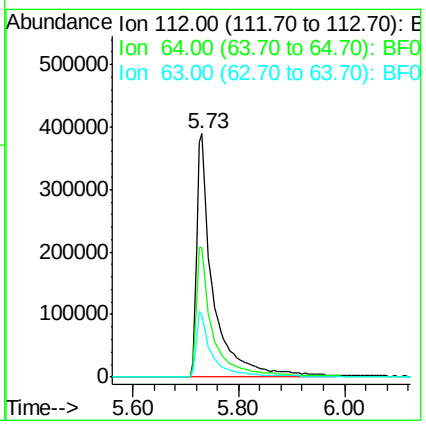


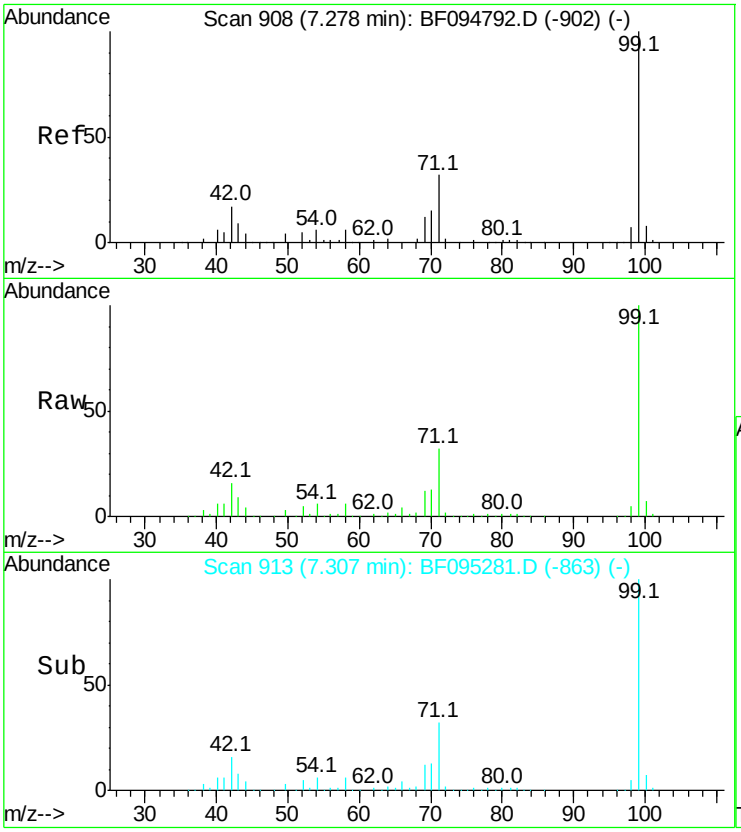


#5
2-Fluorophenol
Concen: 140.40 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:112 Resp: 852845

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.5	23.4	35.0



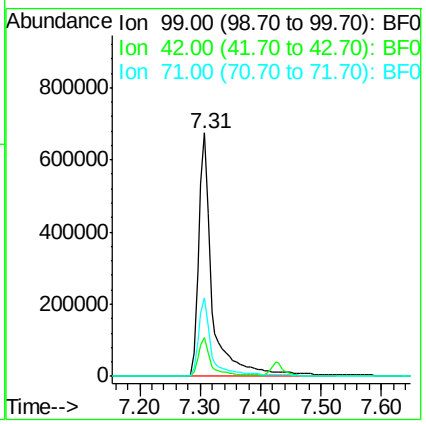


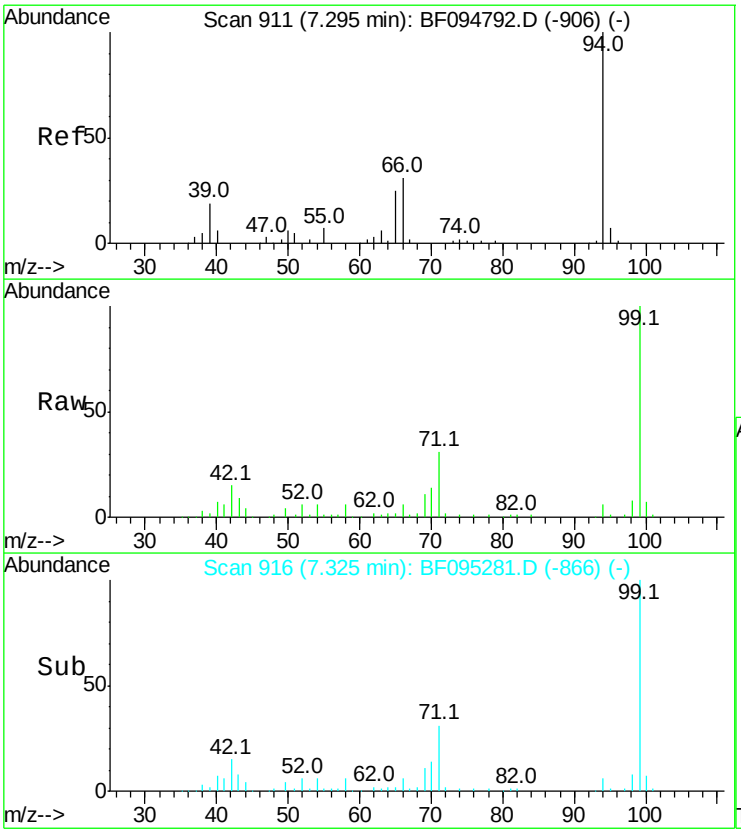
#7
Phenol-d6
Concen: 147.85 ng
RT: 7.31 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1077638

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.3	24.5	36.7

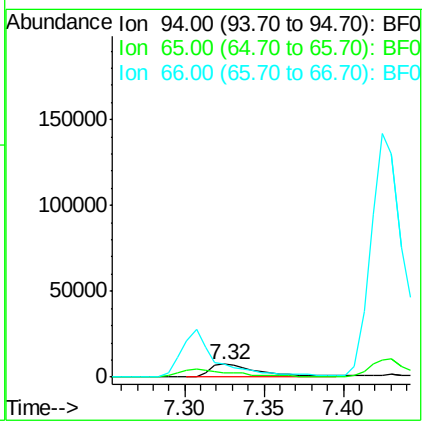


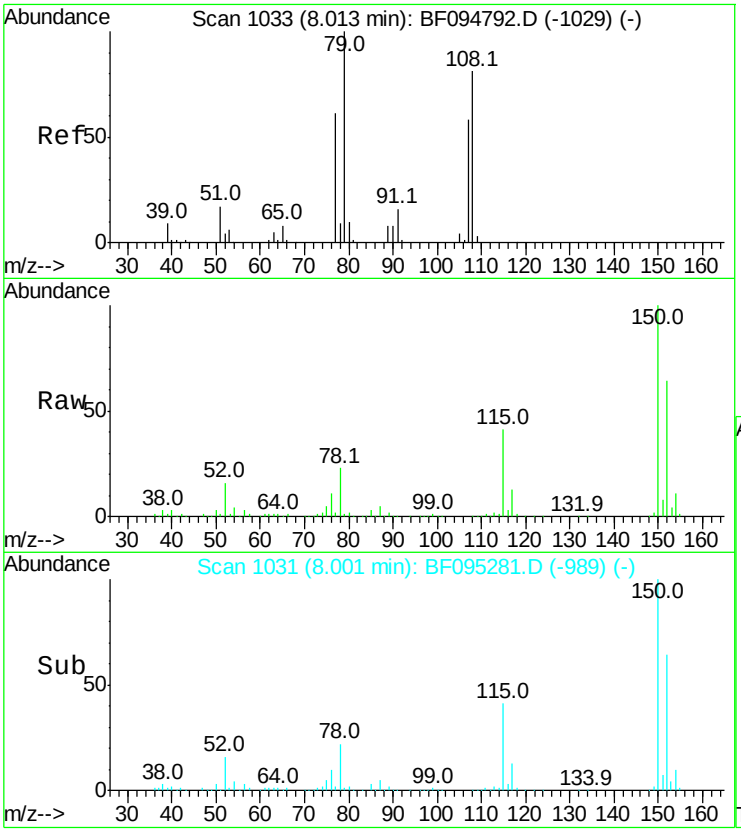


#10
Phenol
Concen: 2.17 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion: 94 Resp: 16698

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	97.6	23.1	63.1#



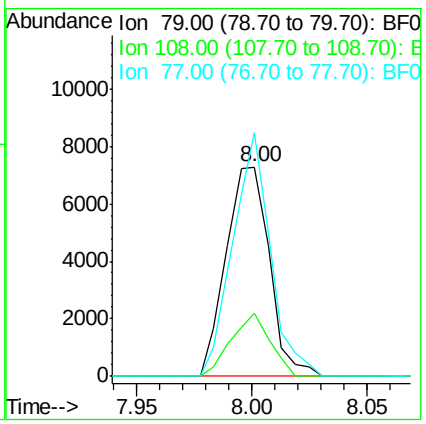


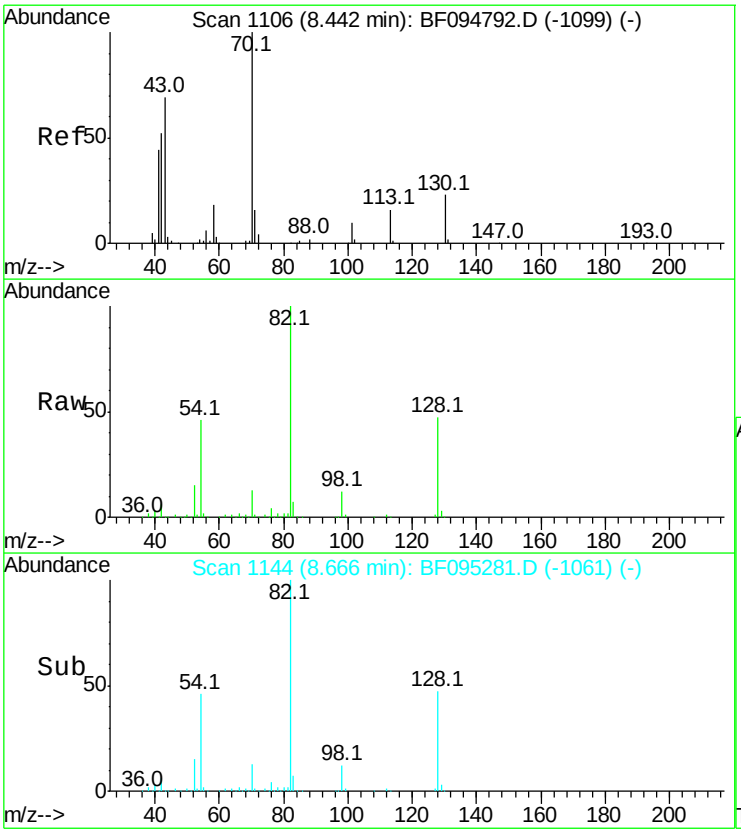
#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 9541

Ion	Ratio	Lower	Upper
79	100		
108	30.1	63.4	95.0#
77	116.5	49.2	73.8#

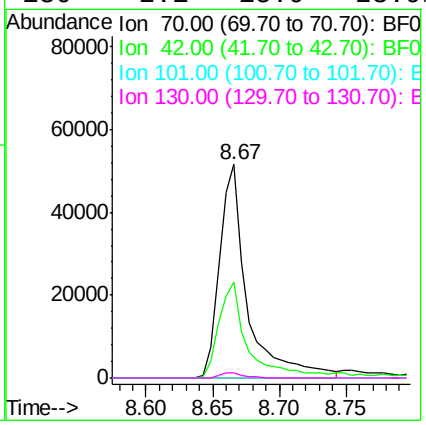


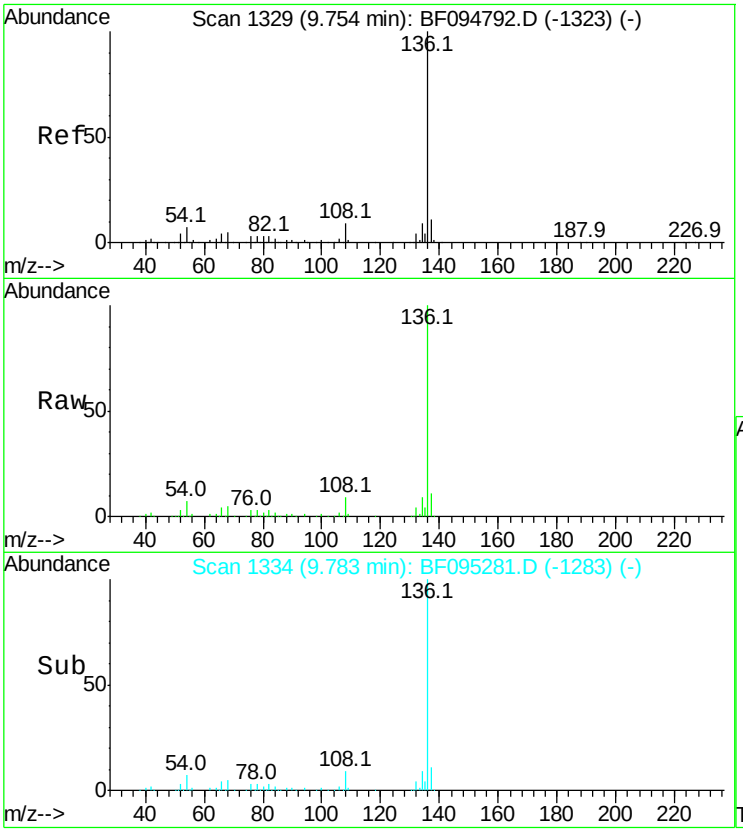


#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.19 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion: 70 Resp: 75438

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



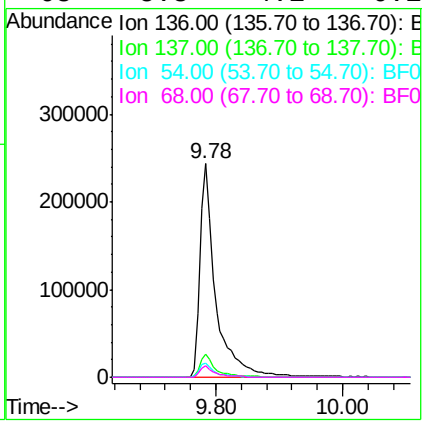


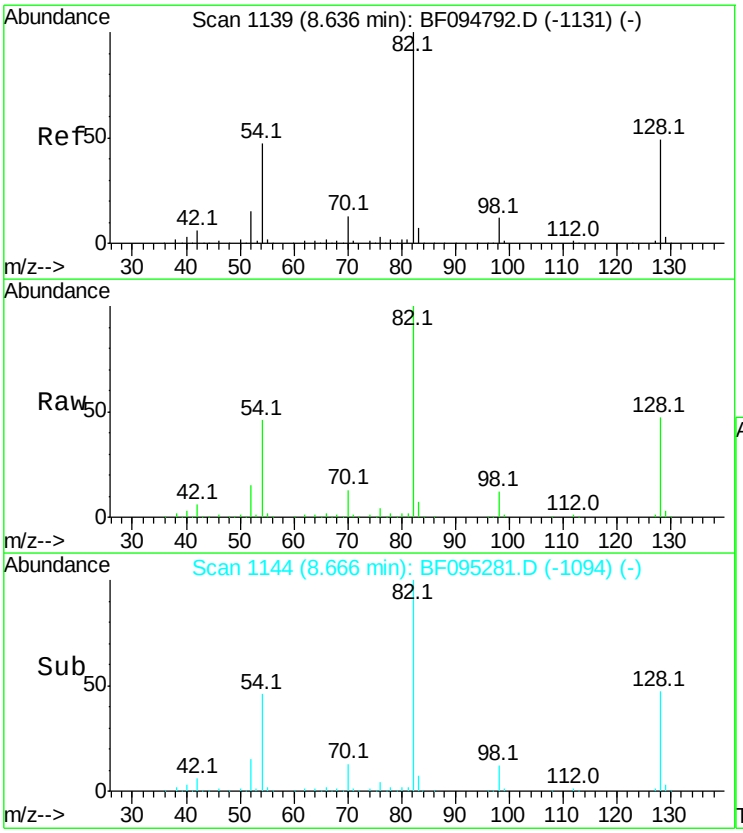
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 417310

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1

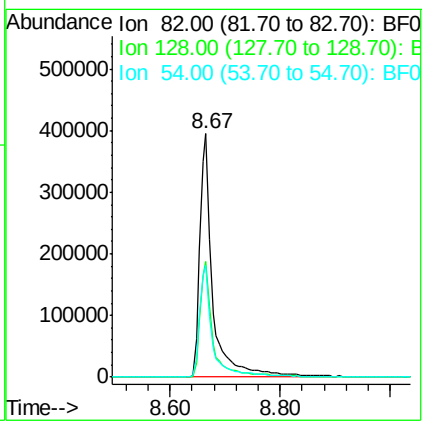


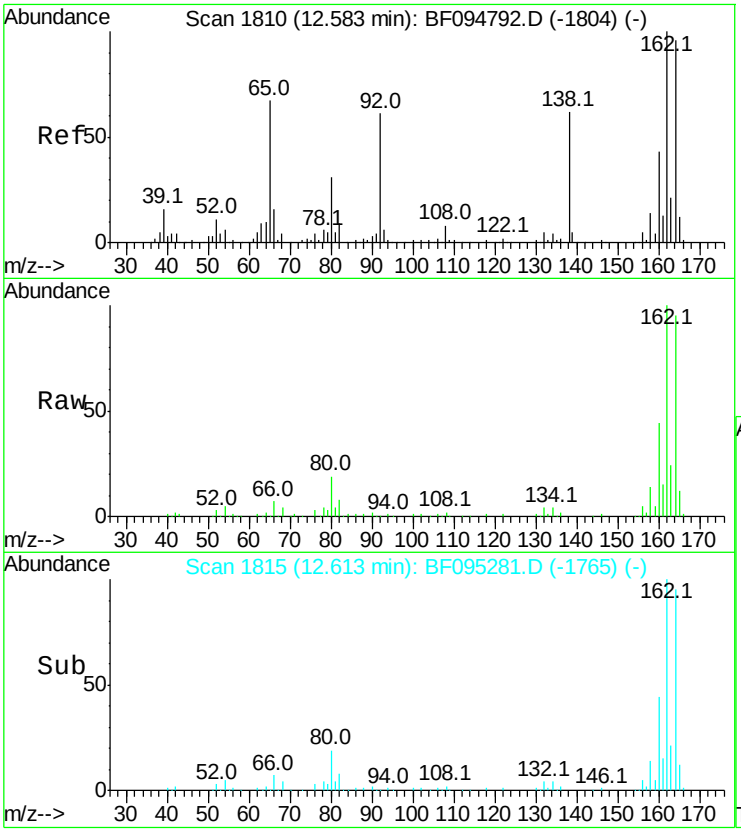


#23
Nitrobenzene-d5
Concen: 96.83 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion: 82 Resp: 640833

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	45.8	42.2	63.2



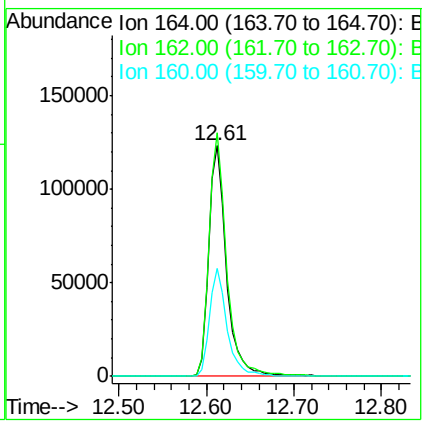


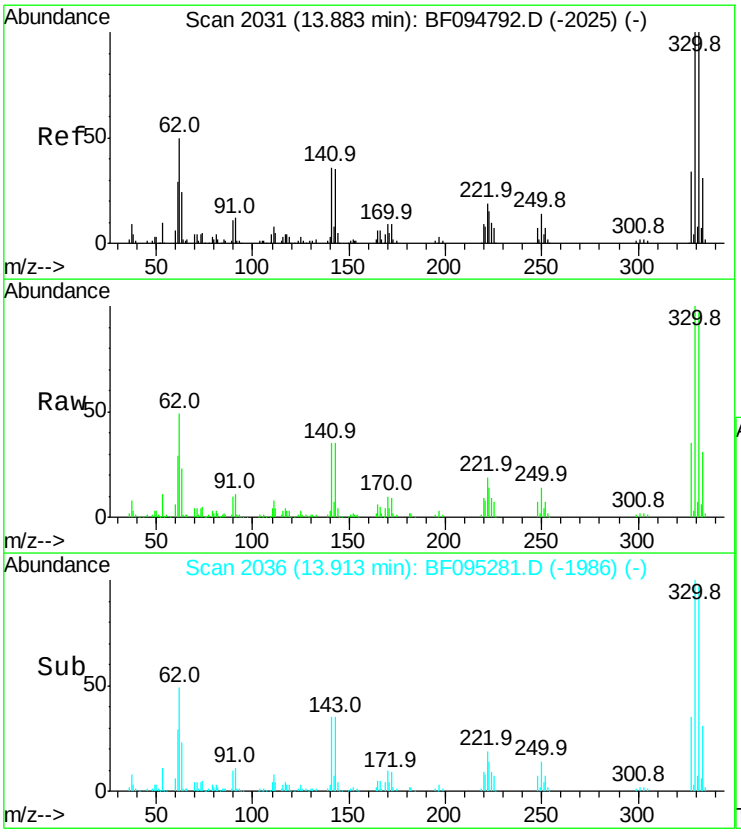
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174434

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	46.9	36.2	54.2

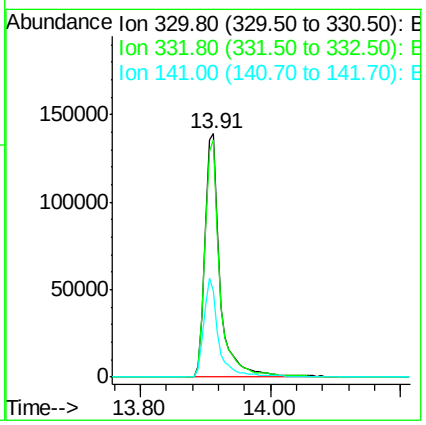


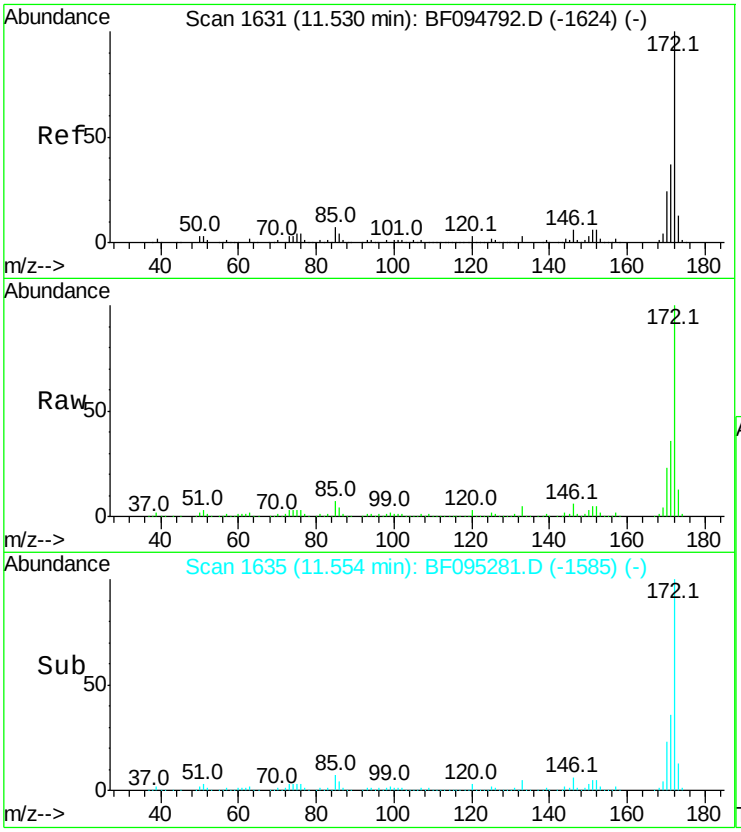


#41
2,4,6-Tribromophenol
Concen: 157.57 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:330 Resp: 225102

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.9	31.4	47.2



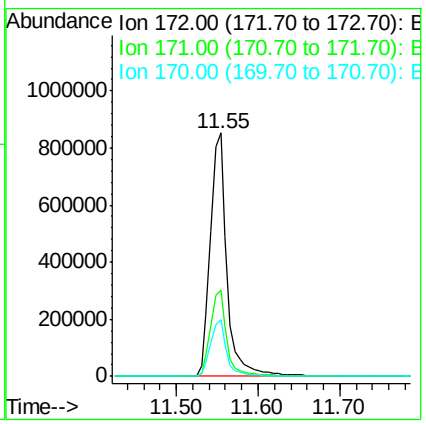


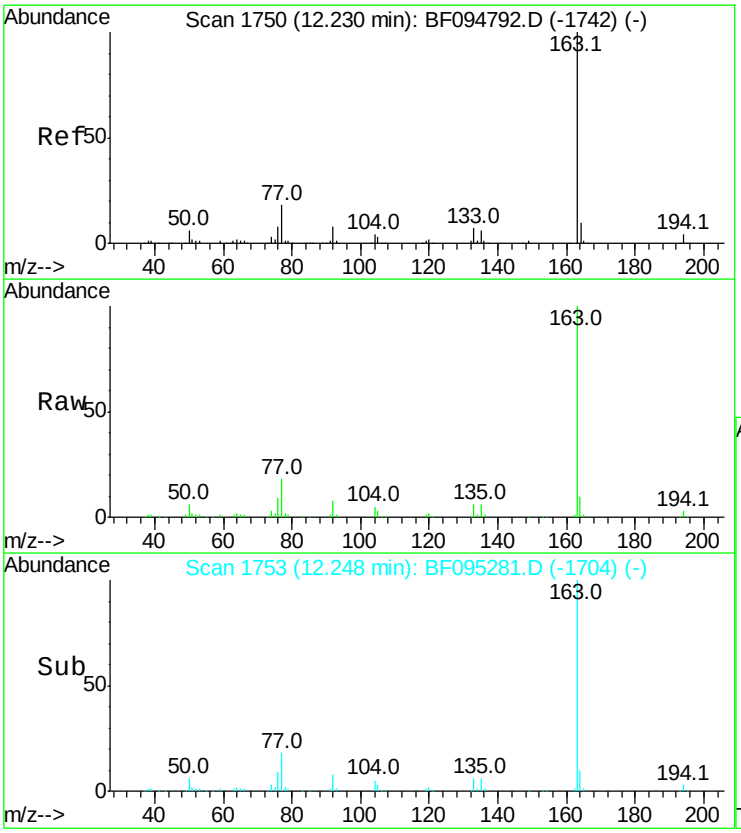
#44
2-Fluorobiphenyl
Concen: 100.20 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1214326

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

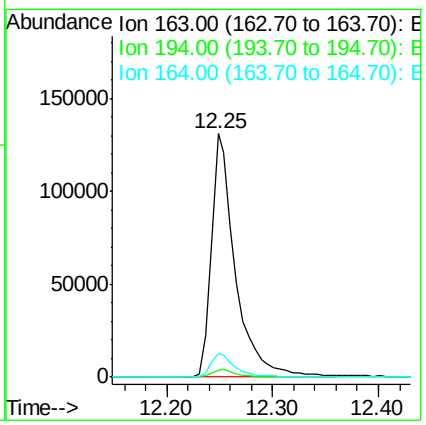


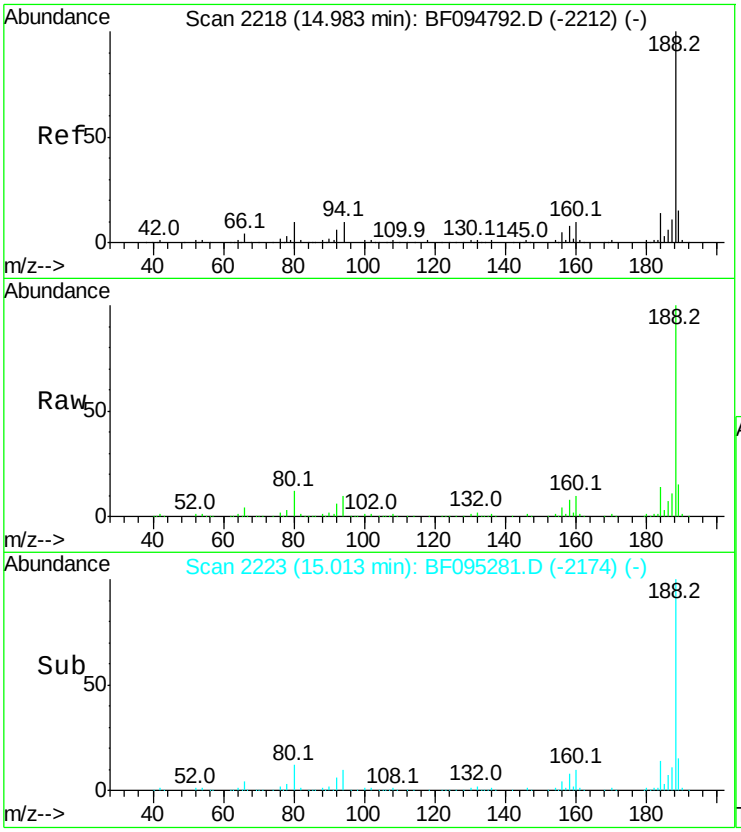


#49
Dimethylphthalate
Concen: 14.62 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:163 Resp: 209313

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.8	8.4	12.6



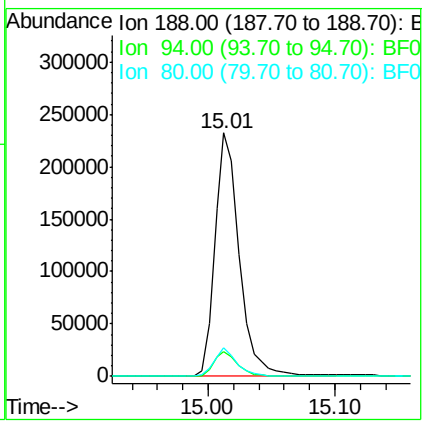


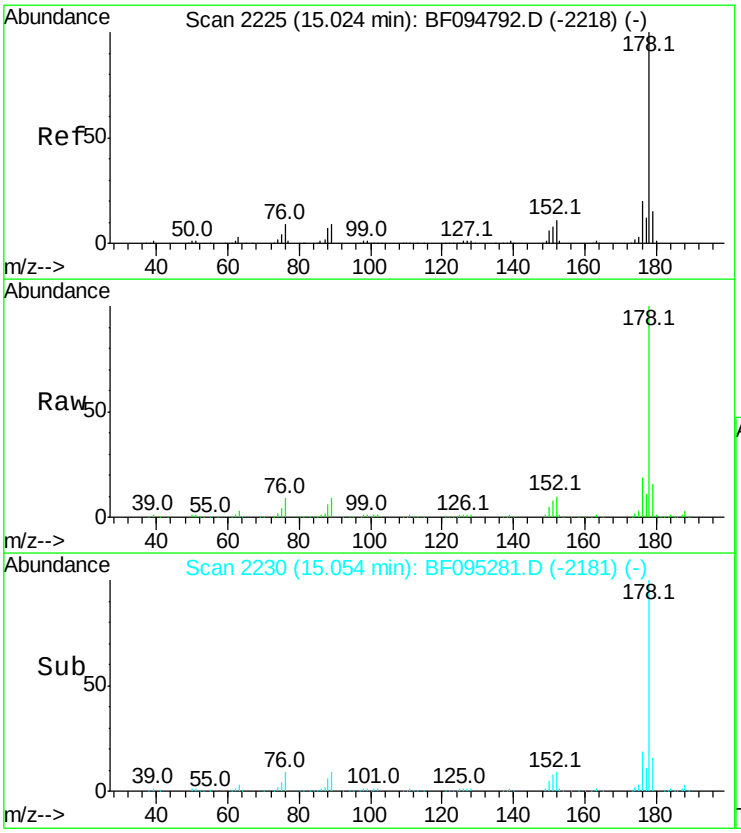
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 312972

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.6	10.2	15.2

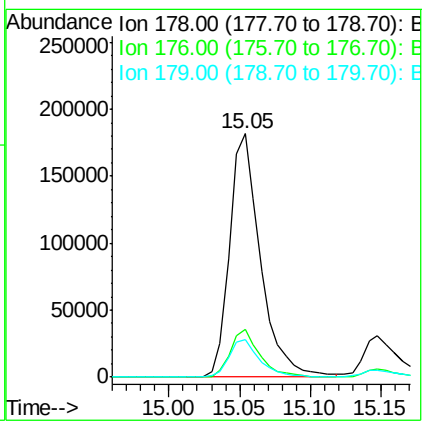


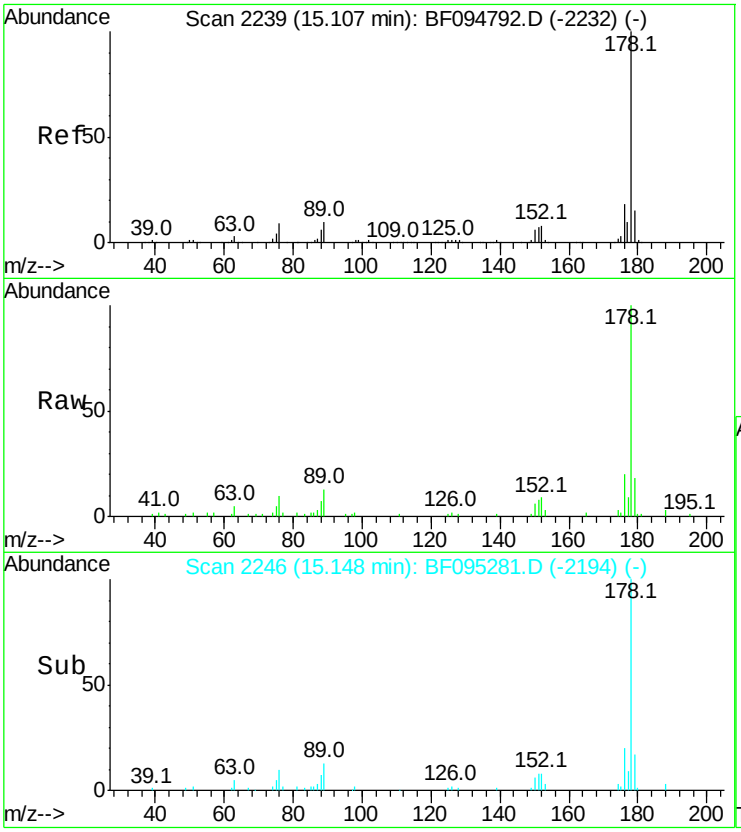


#70
Phenanthrene
Concen: 15.38 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:178 Resp: 276582

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0



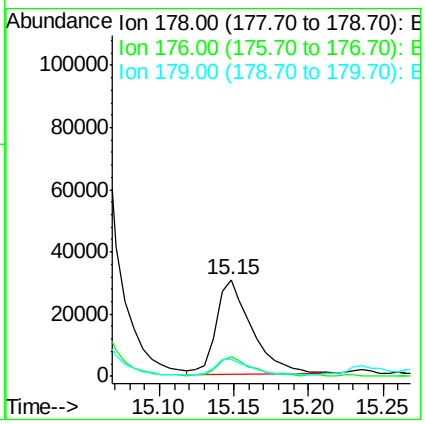


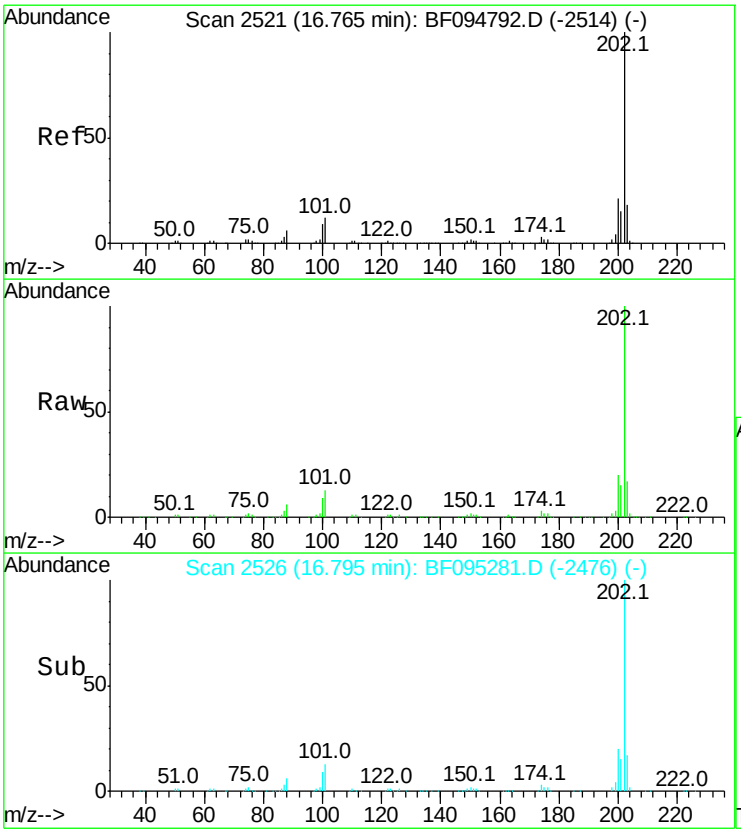
#71
Anthracene
Concen: 2.75 ng
RT: 15.15 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50425

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.8	12.7	19.1

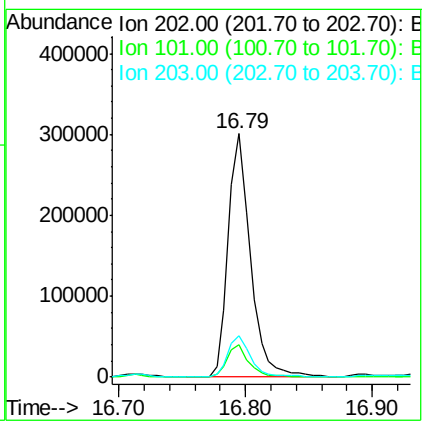


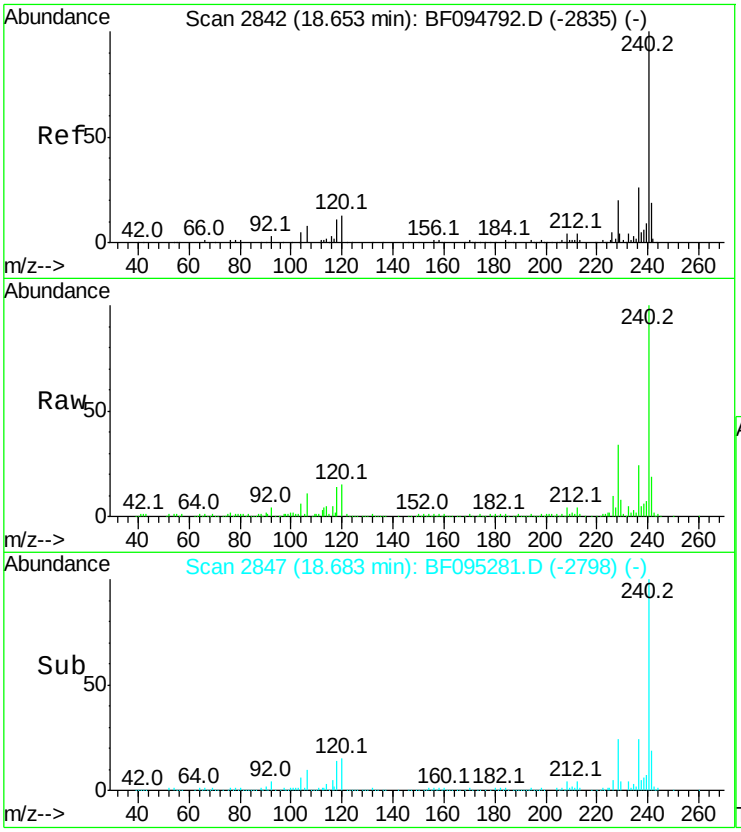


#74
Fluoranthene
Concen: 19.85 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:202 Resp: 366222

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1



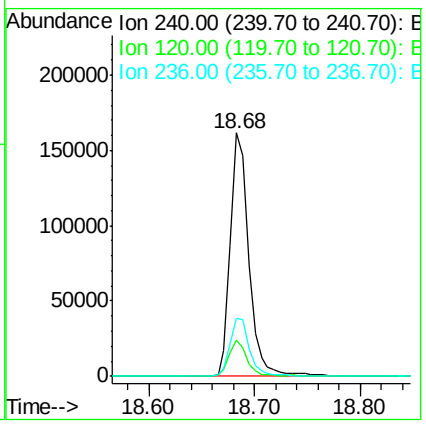


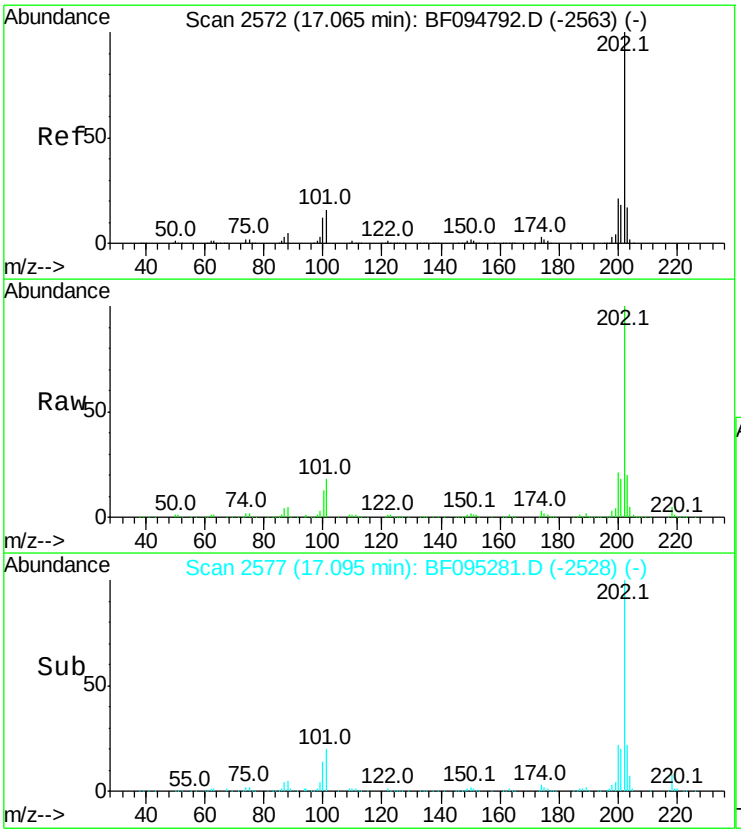
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 195148

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.1	20.5	30.7

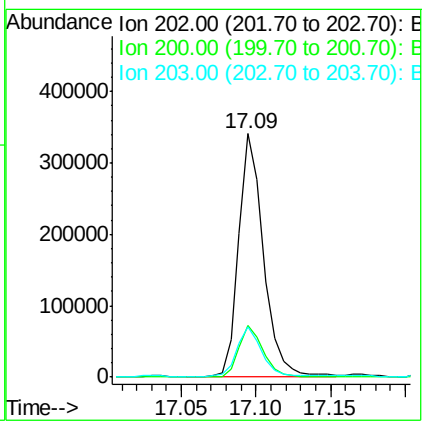


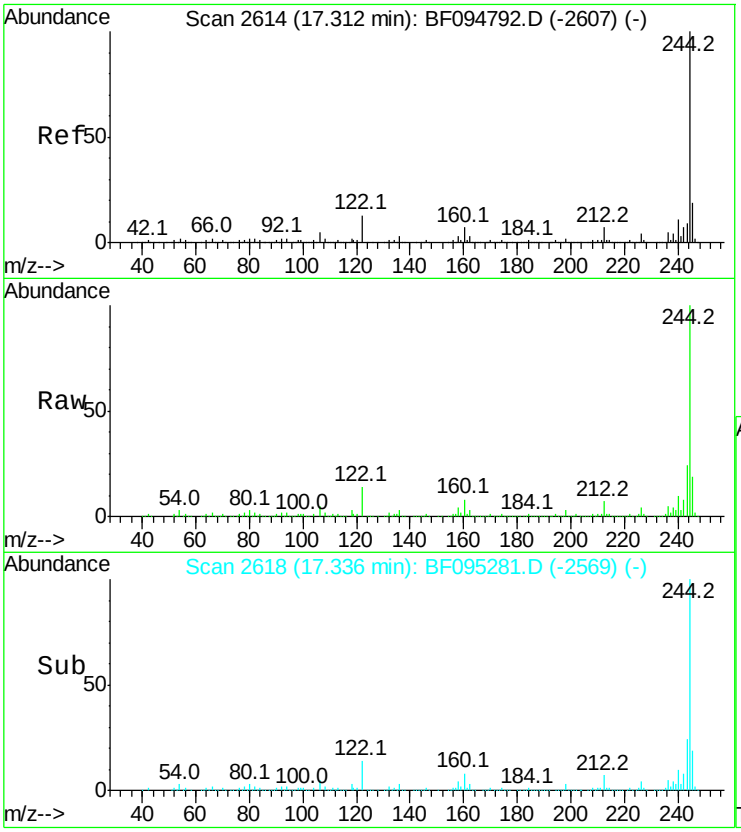


#77
Pyrene
Concen: 26.79 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:202 Resp: 390984

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	20.5	14.4	21.6



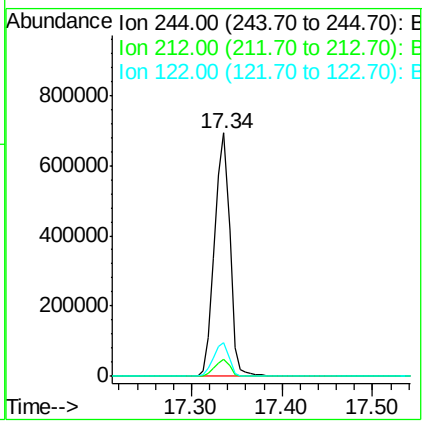


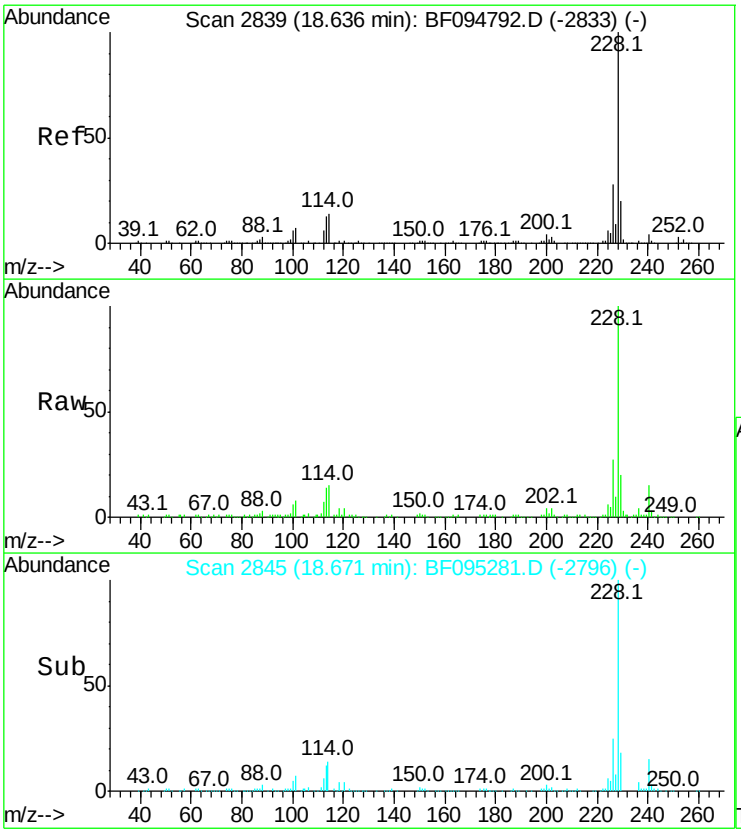
#78
Terphenyl-d14
Concen: 91.39 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 809675

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5

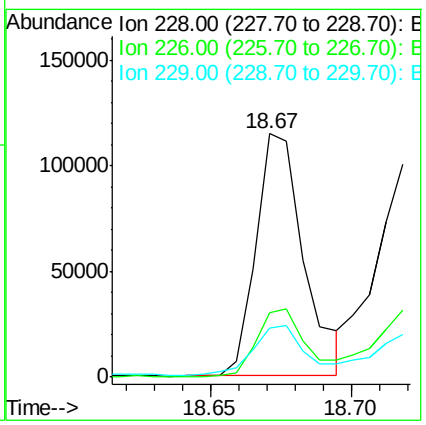


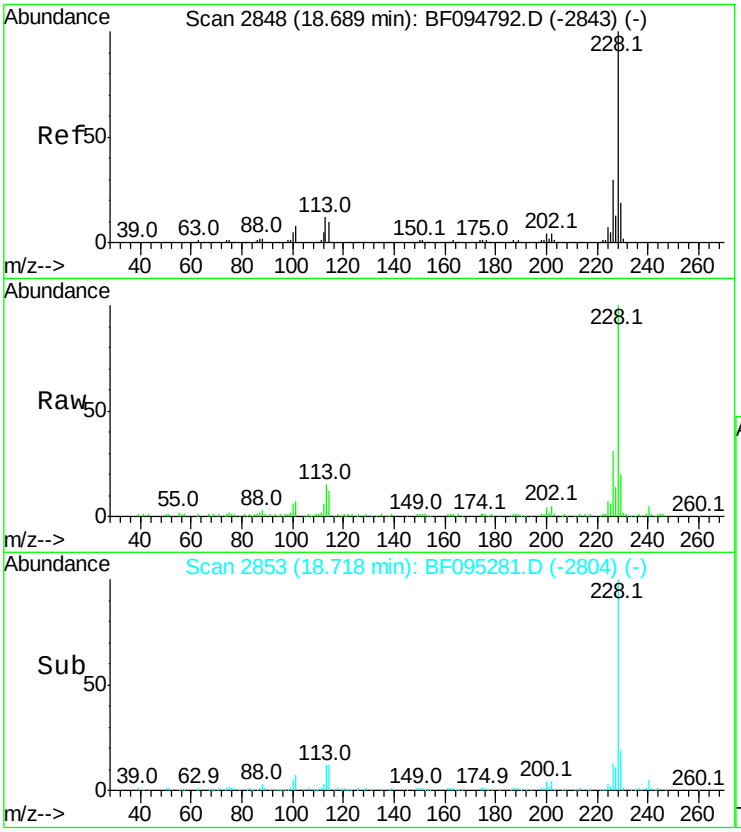


#80
Benzo(a)anthracene
Concen: 11.93 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:228 Resp: 135515

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	20.3	16.3	24.5



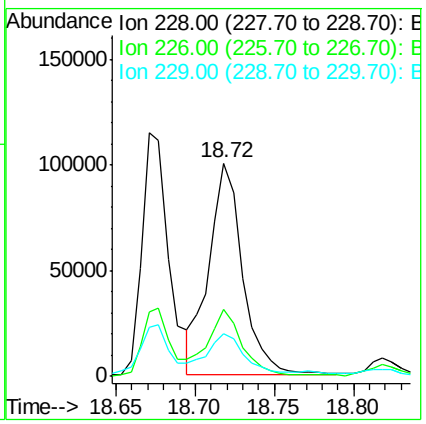


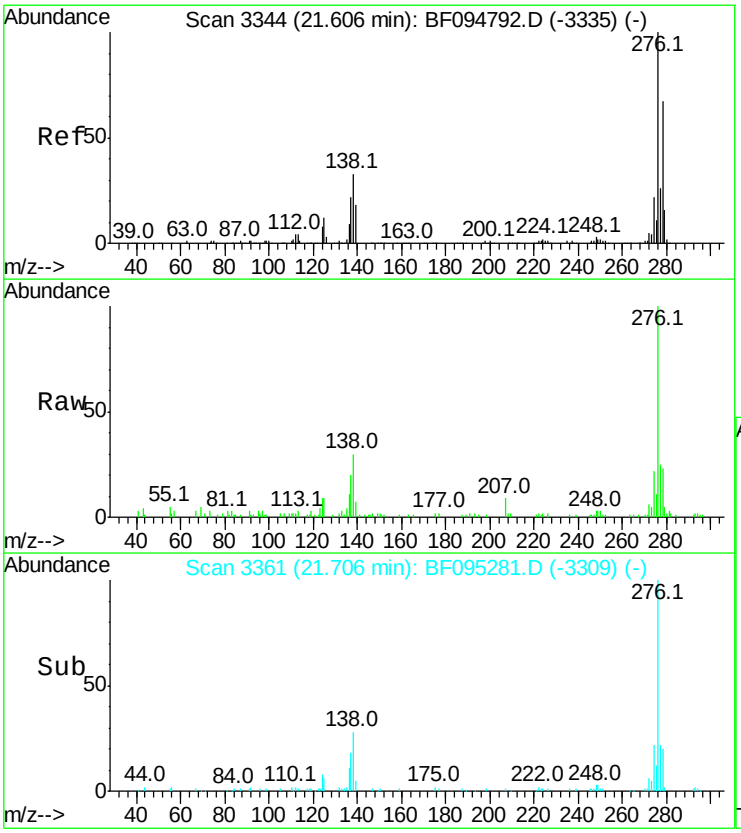
#82
Chrysene
Concen: 13.61 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 149421

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.0	15.8	23.6

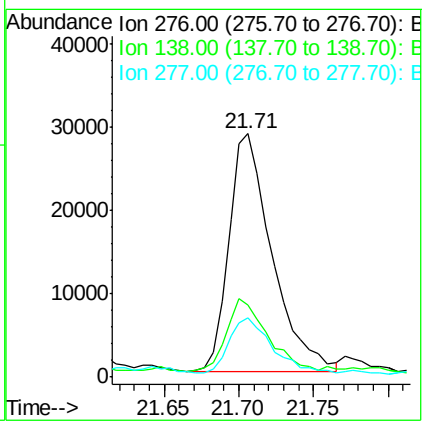


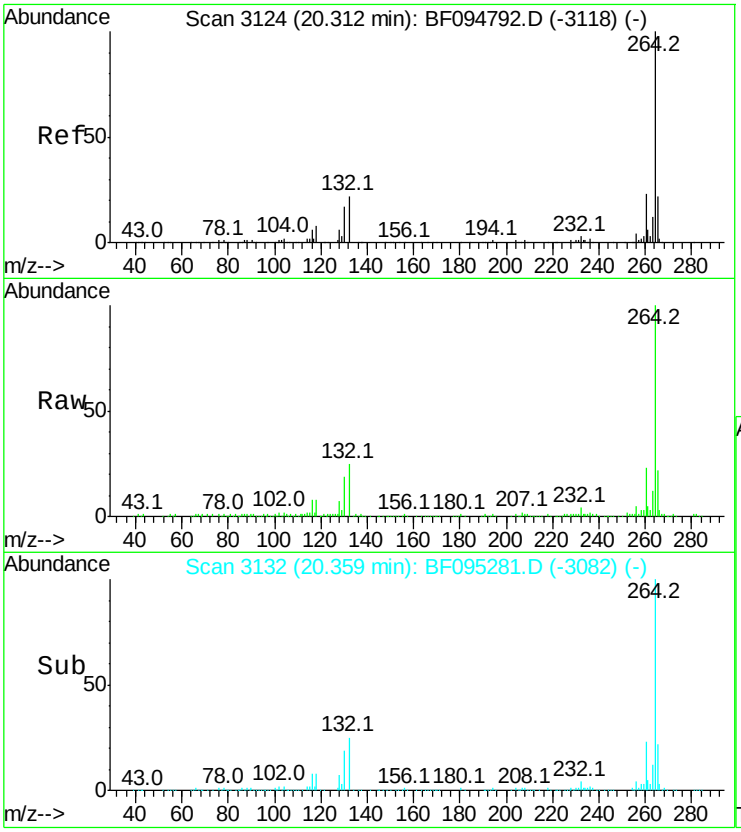


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.44 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:276 Resp: 57420

Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	24.1	20.2	30.4



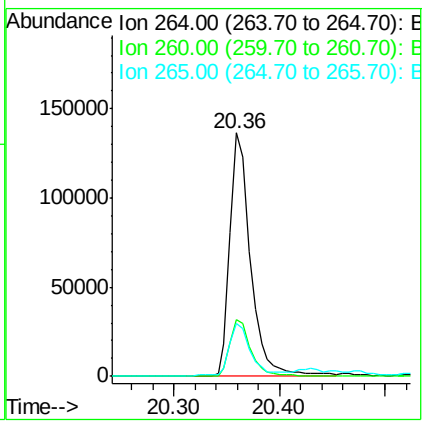


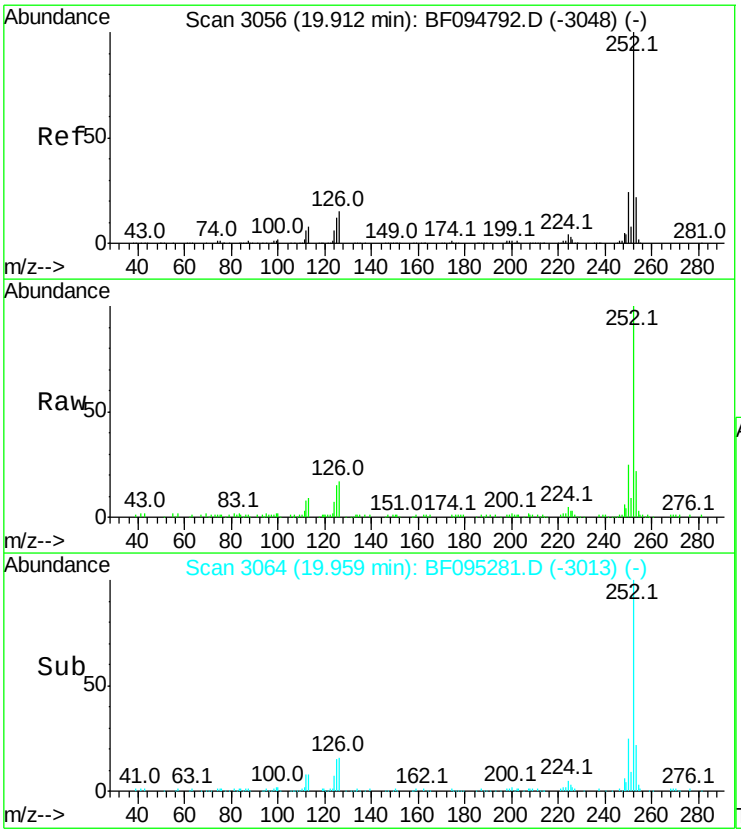
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 184954

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8

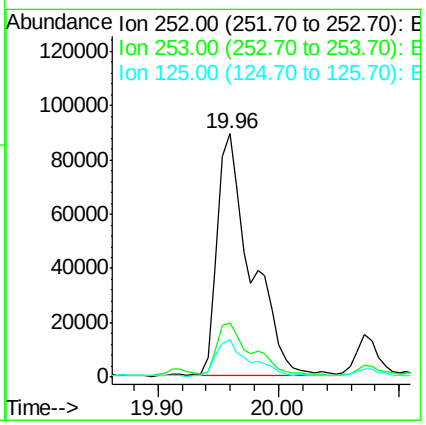


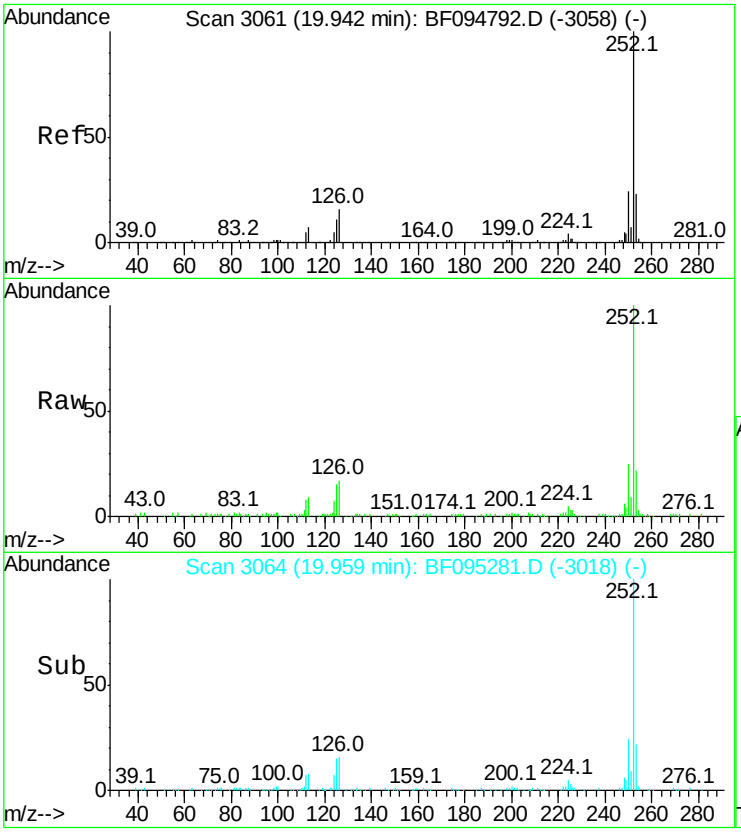


#87
Benzo(b)fluoranthene
Concen: 15.09 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:252 Resp: 172413

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.3	9.8	14.8#



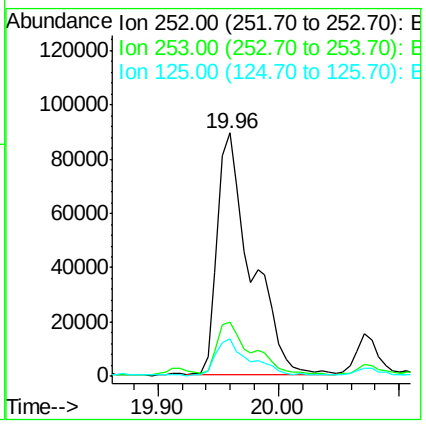


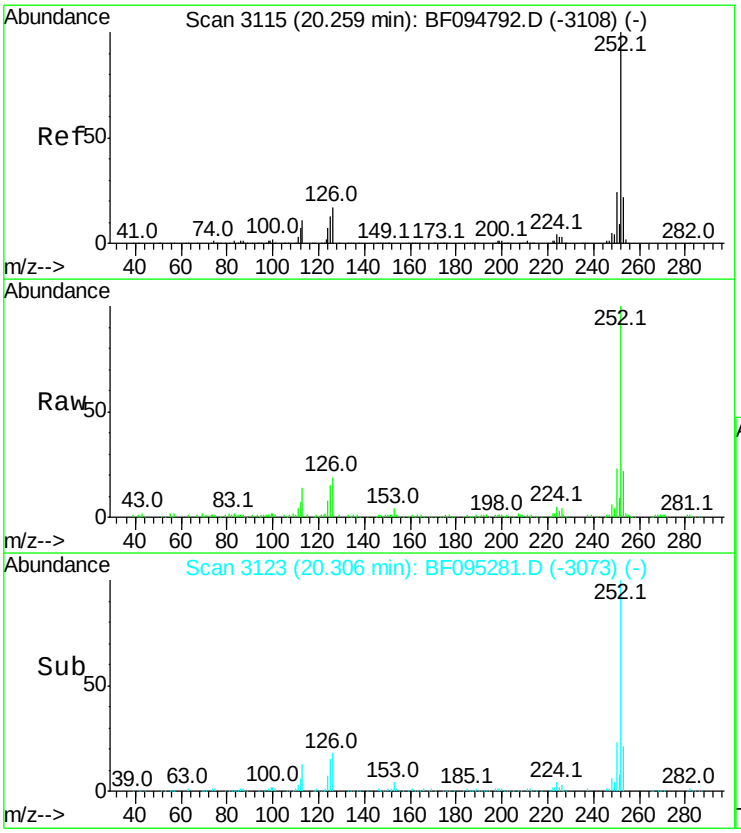
#88
Benzo(k)fluoranthene
Concen: 15.63 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 172342

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	15.3	13.1	19.7

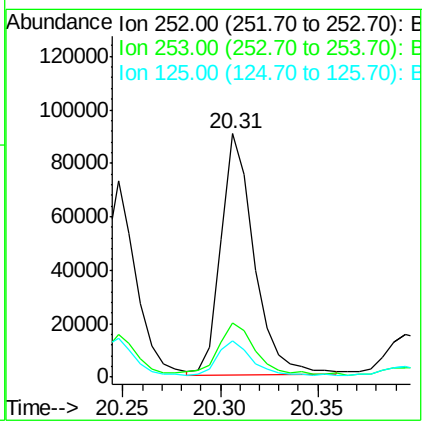


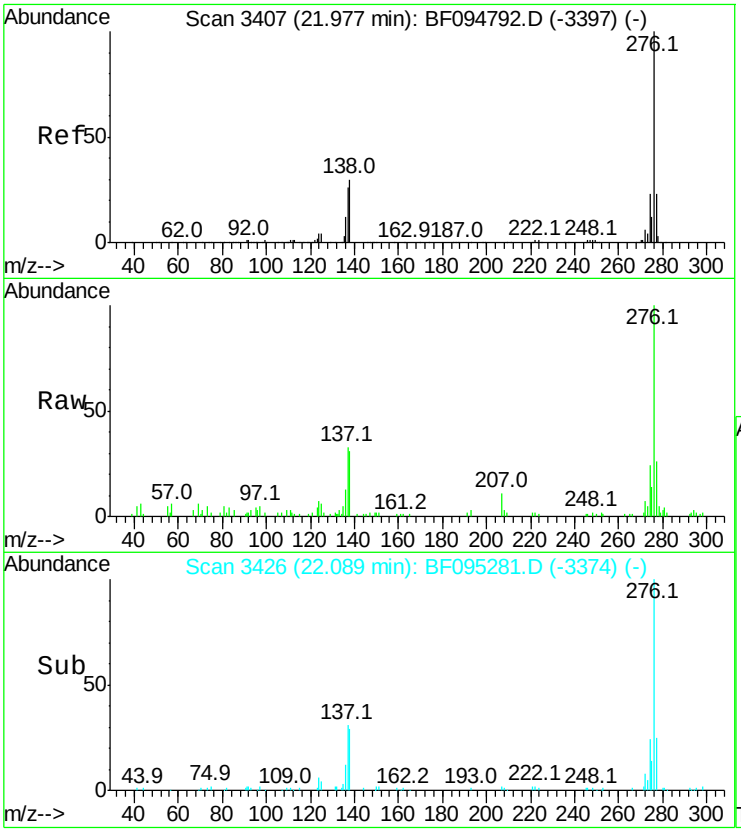


#89
Benzo(a)pyrene
Concen: 10.11 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Tgt Ion:252 Resp: 106574

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.32 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095281.D
Acq: 20 May 2017 00:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 62595

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.6	28.0
138	31.2	25.4	38.0