Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092179.D
Acq On : 10 Jan 2017 14:00
Operator : UM/SJ
Sample : I1045-04RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 10 15:25:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	164680	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	555018	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	252810	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	364560	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	243539	20.00	ng		0.00
86) Perylene-d12	15.18	264	167309	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	470210	47.68	ng		0.00
7) Phenol-d6	6.30	99	612853	50.90	ng		-0.01
23) Nitrobenzene-d5	7.20	82	310672	31.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	81256	38.84	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	516151	34.11	ng		-0.01
78) Terphenyl-d14	12.73	244	400577	39.89	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.17	77	498	Below Cal		#	6
10) Phenol	6.31	94	34977	2.55	ng		86
37) 2-Methylnaphthalene	8.63	142	4984	Below Cal		#	92
49) Dimethylphthalate	9.40	163	87750	5.43	ng		100
56) 2,4-Dinitrotoluene	9.67	165	35983	8.10	ng	#	20
70) Phenanthrene	11.17	178	78498	3.97	ng		96
73) Di-n-butylphthalate	11.73	149	3967	Below Cal		#	77
74) Fluoranthene	12.36	202	189428	7.76	ng		100
76) Benzidine	12.52	184	1775	Below Cal		#	1
77) Pyrene	12.58	202	177704	9.95	ng		98
80) Benzo(a)anthracene	13.77	228	102057	7.42	ng	#	88
82) Chrysene	13.77	228	102057	7.40	ng	#	91
87) Benzo(b)fluoranthene	14.79	252	91338	8.77	ng	#	47
88) Benzo(k)fluoranthene	14.79	252	91338	10.28	ng	#	48
89) Benzo(a)pyrene	15.12	252	45888	4.96	ng	#	34
91) Benzo(g,h,i)perylene	16.86	276	19236	2.43	ng	#	43

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092179.D
Acq On : 10 Jan 2017 14:00
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 15:25:14 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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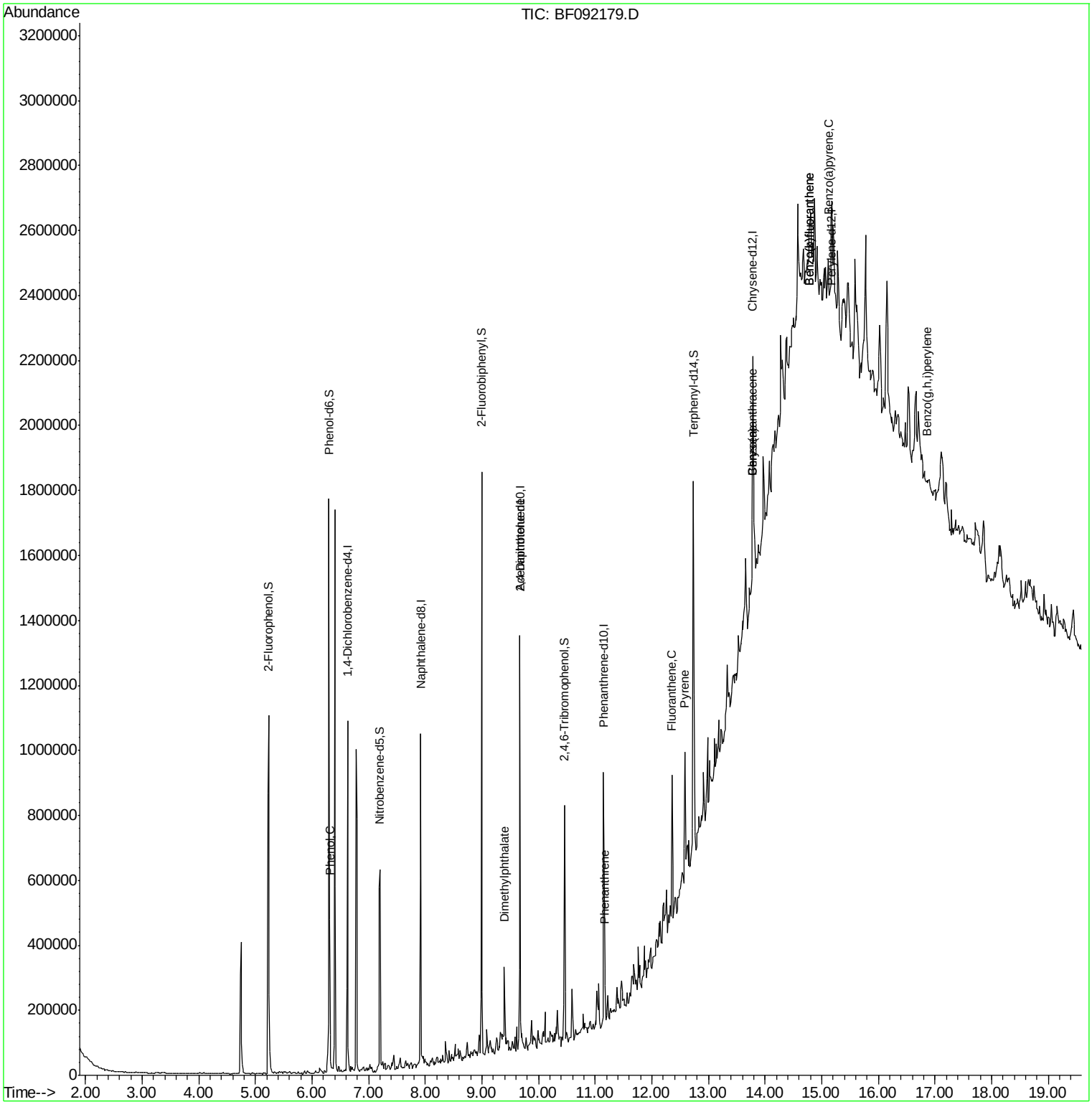
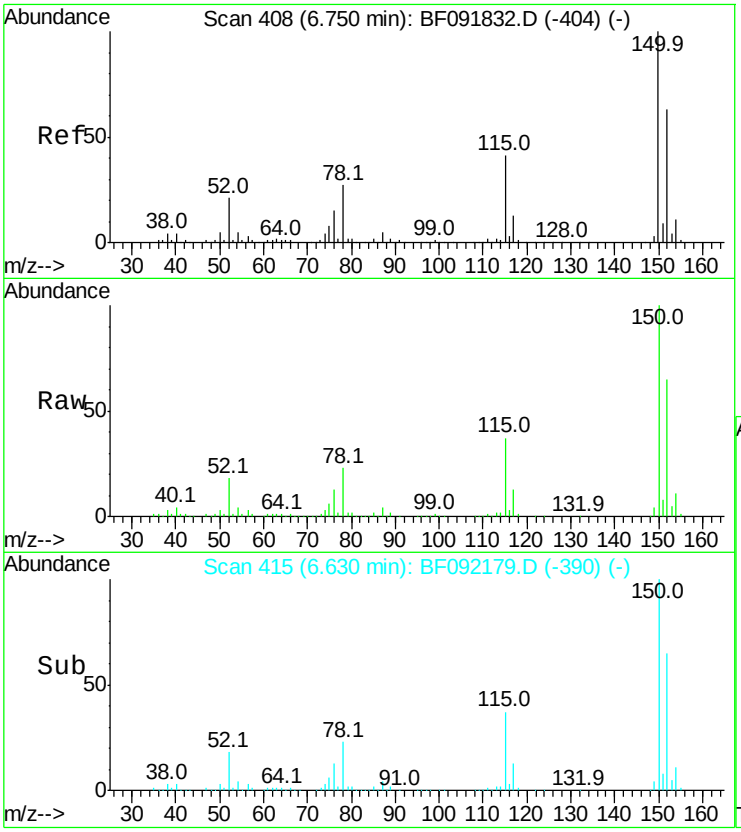
Response via : Initial Calibration



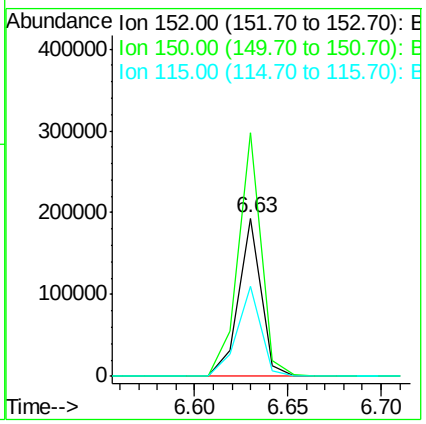


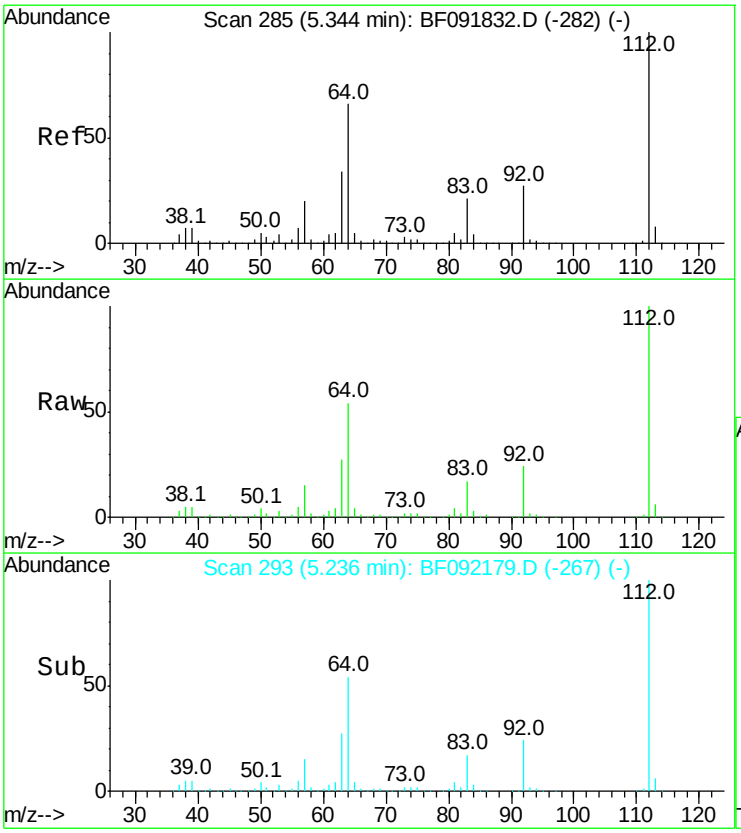
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164680

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.9	187.3
115	57.1	46.0	69.0

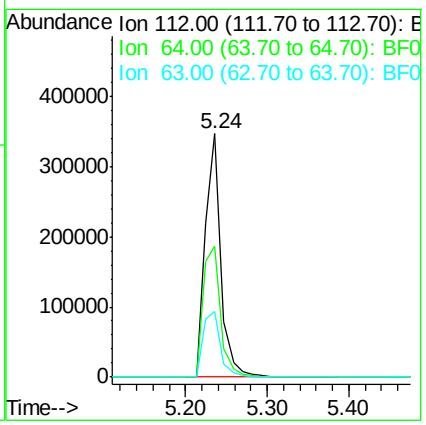


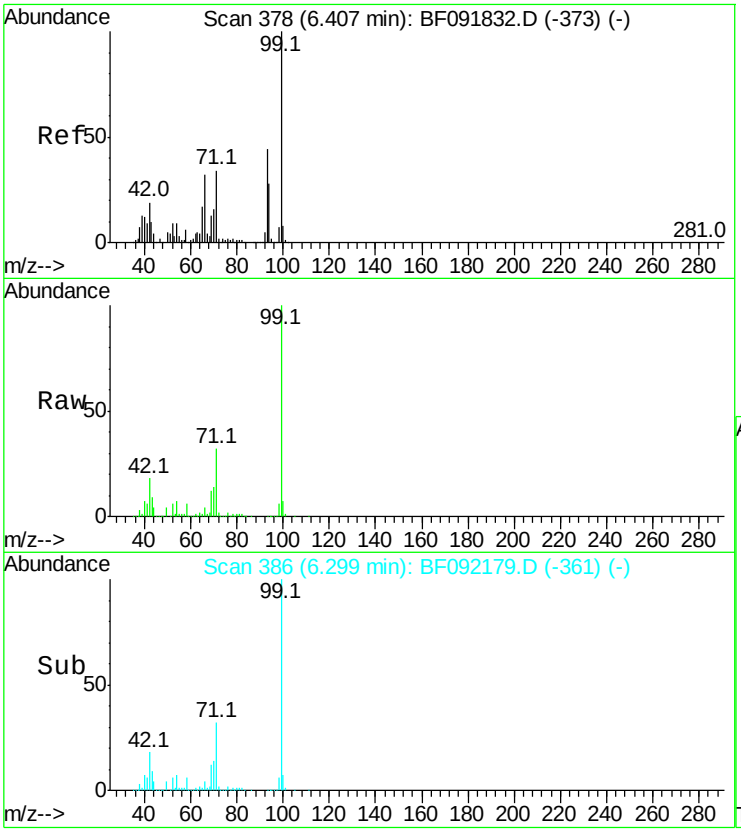


#5
2-Fluorophenol
Concen: 47.68 ng
RT: 5.24 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:112 Resp: 470210

Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.1	69.1
63	26.9	23.8	35.6



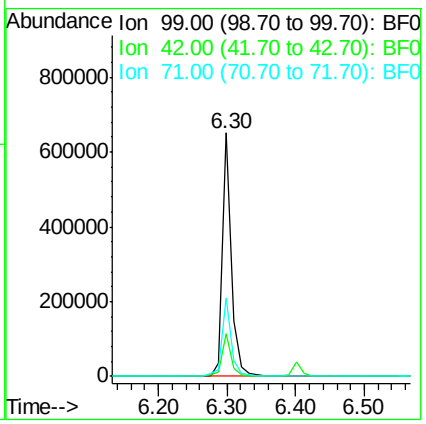


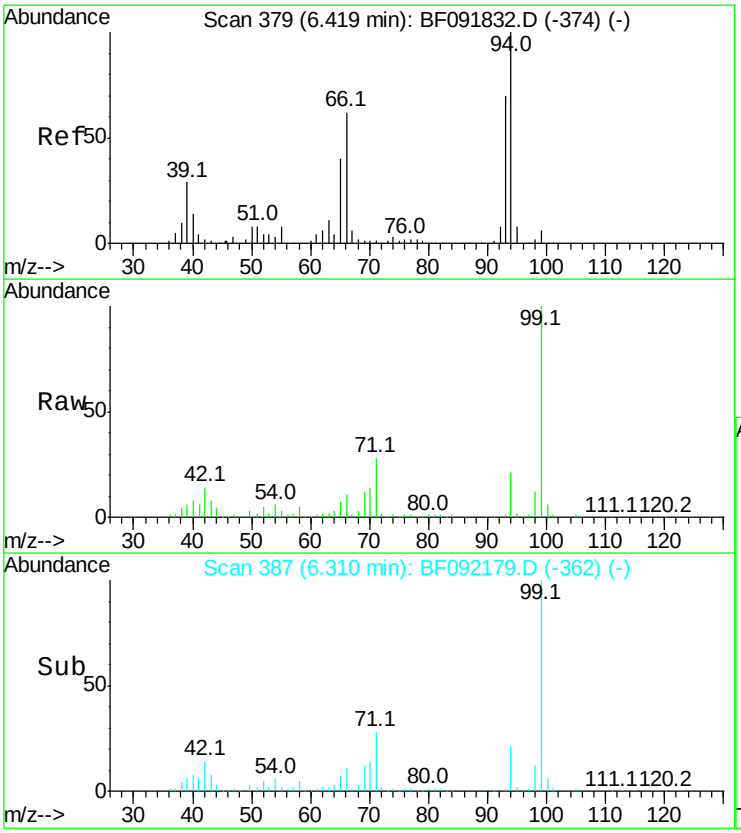
#7
Phenol-d6
Concen: 50.90 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 612853

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.6	23.4
71	32.4	27.5	41.3

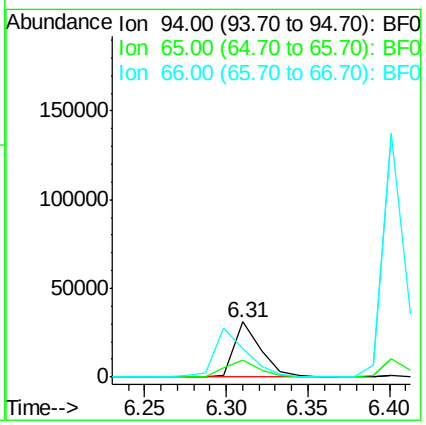


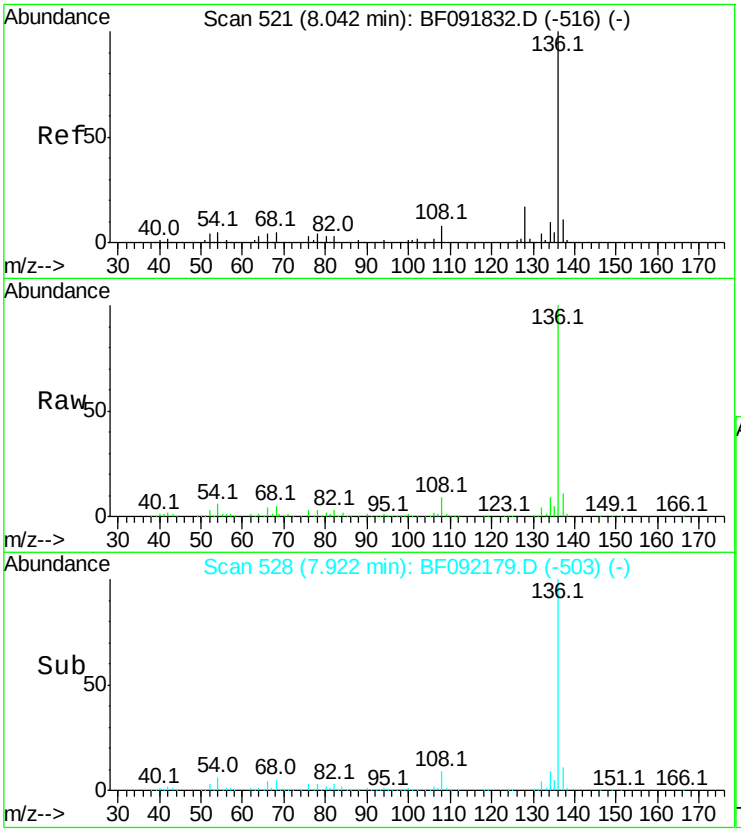


#10
Phenol
Concen: 2.55 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion: 94 Resp: 34977

Ion	Ratio	Lower	Upper
94	100		
65	32.2	21.4	61.4
66	53.1	44.0	84.0



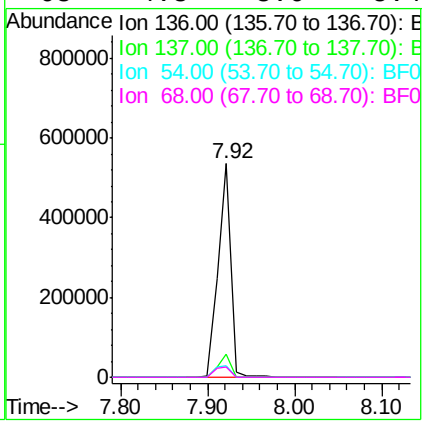


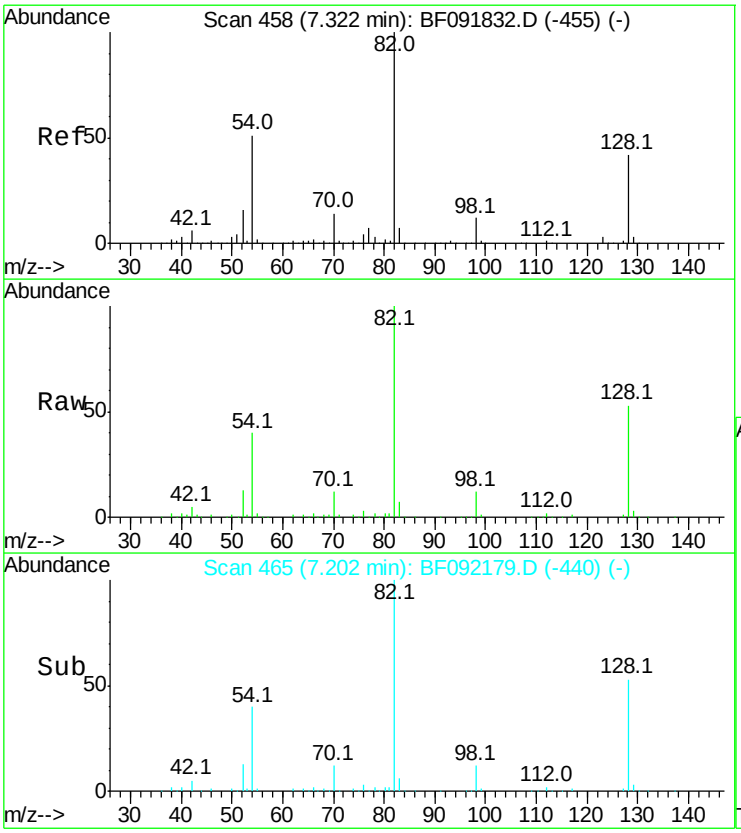
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 555018

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	5.6	4.5	6.7
68	4.8	3.6	5.4

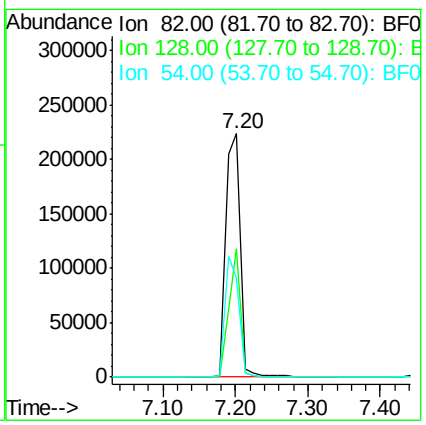


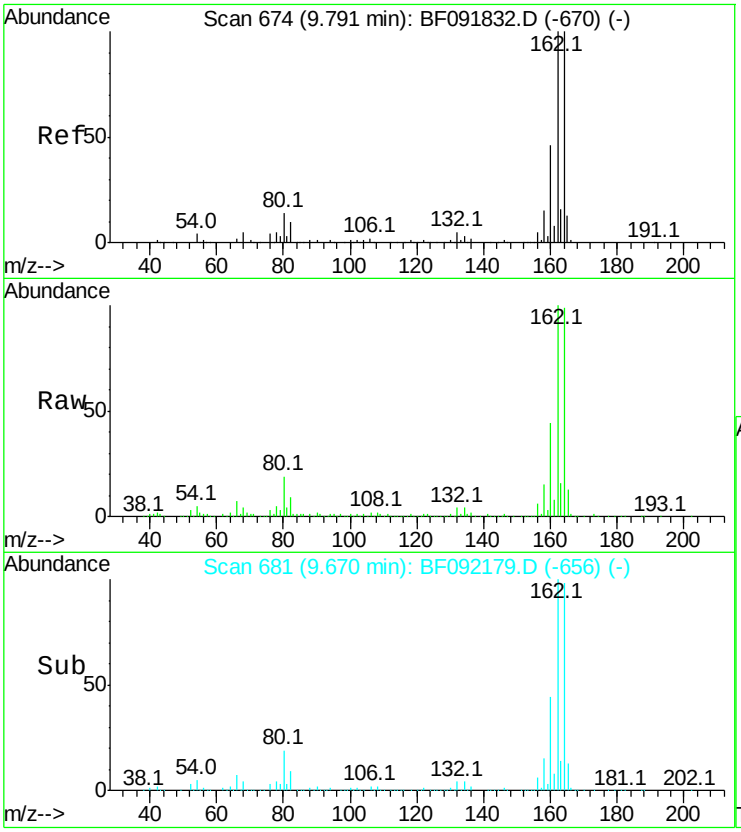


#23
Nitrobenzene-d5
Concen: 31.13 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion: 82 Resp: 310672

Ion	Ratio	Lower	Upper
82	100		
128	52.7	34.6	52.0#
54	40.4	39.5	59.3



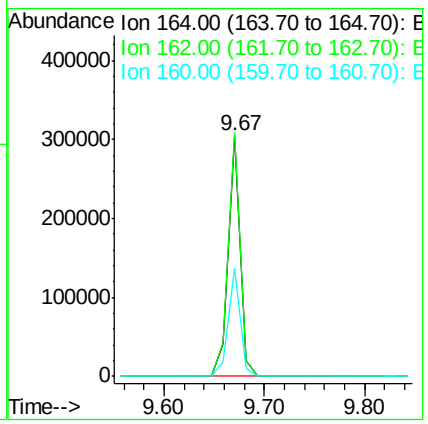


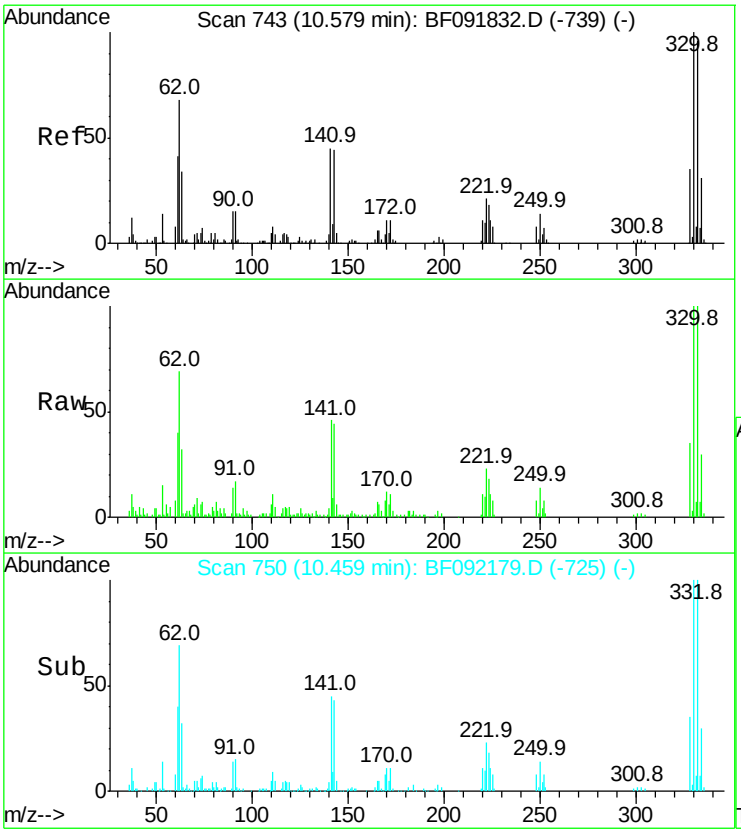
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 252810

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	44.7	36.9	55.3

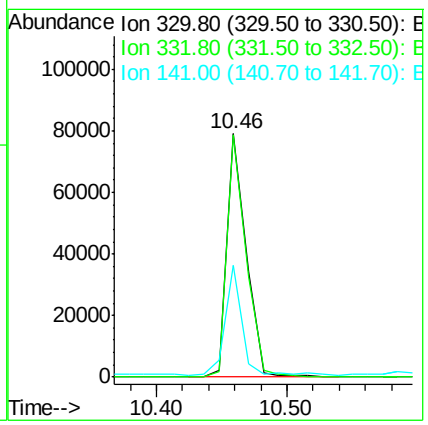


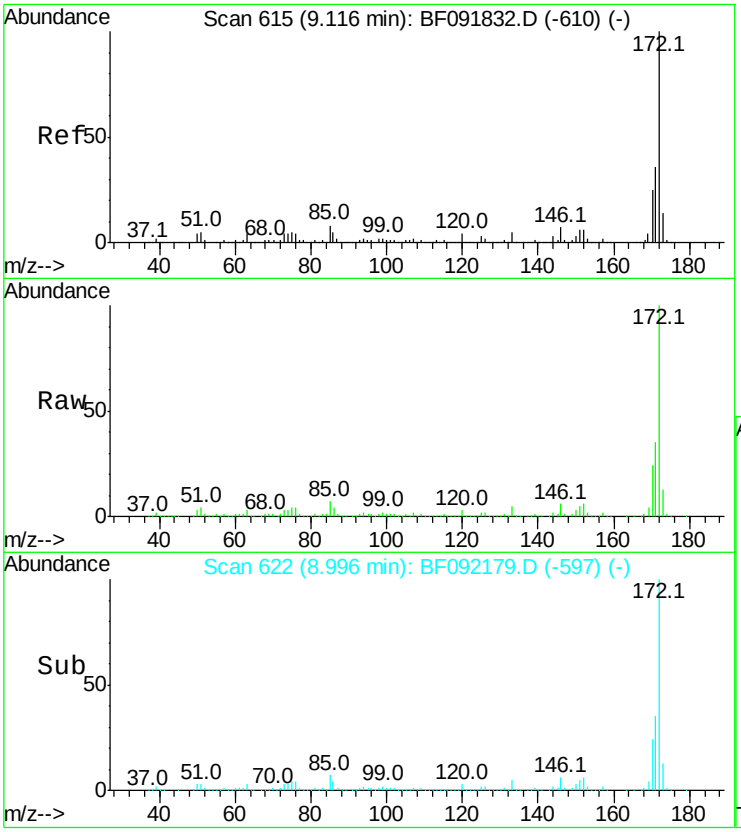


#41
2,4,6-Tribromophenol
Concen: 38.84 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:330 Resp: 81256

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	38.4	34.1	51.1



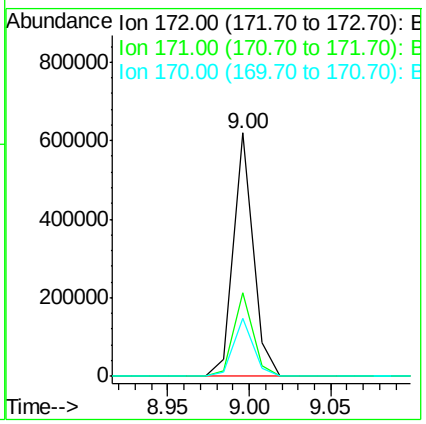


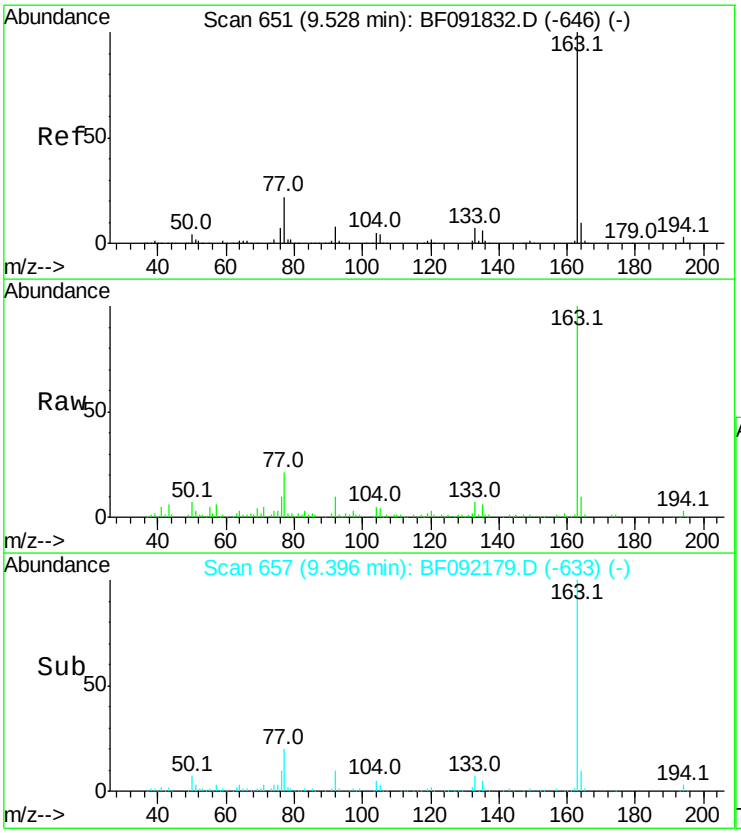
#44
2-Fluorobiphenyl
Concen: 34.11 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 516151

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	23.6	20.2	30.4

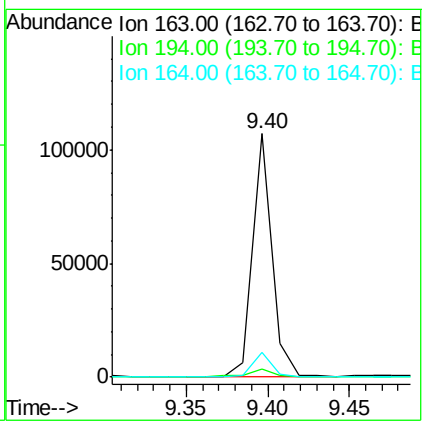


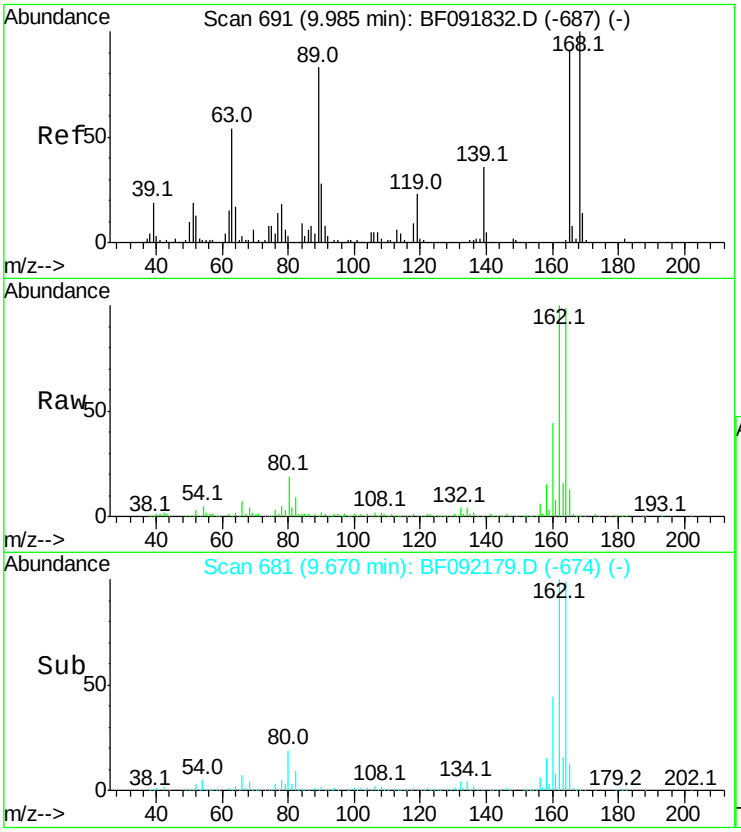


#49
Dimethylphthalate
Concen: 5.43 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:163 Resp: 87750

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.0	12.0



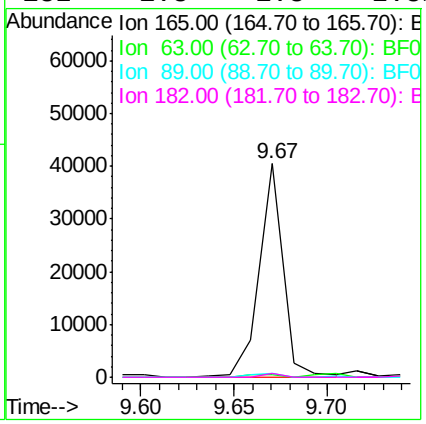


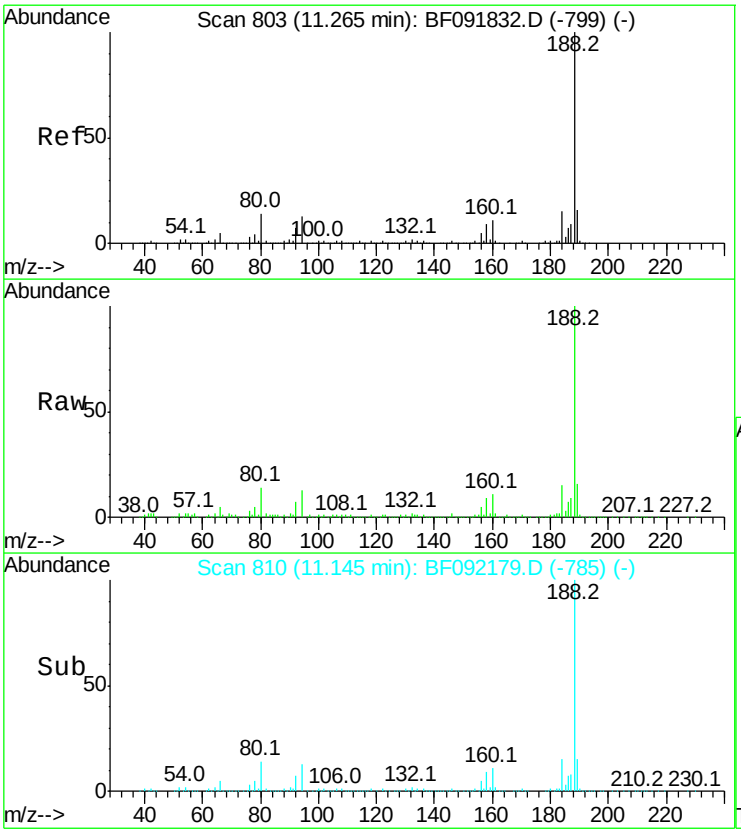
#56
2,4-Dinitrotoluene
Concen: 8.10 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35983

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.6	62.5	93.7#
182	1.8	1.8	2.8#

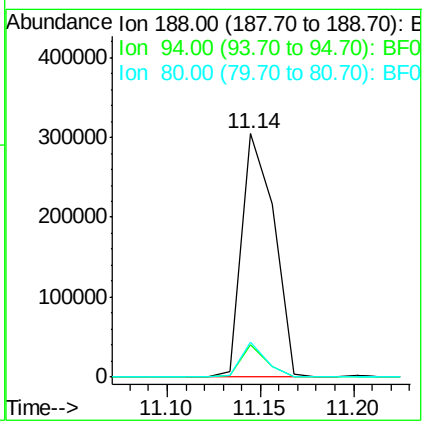


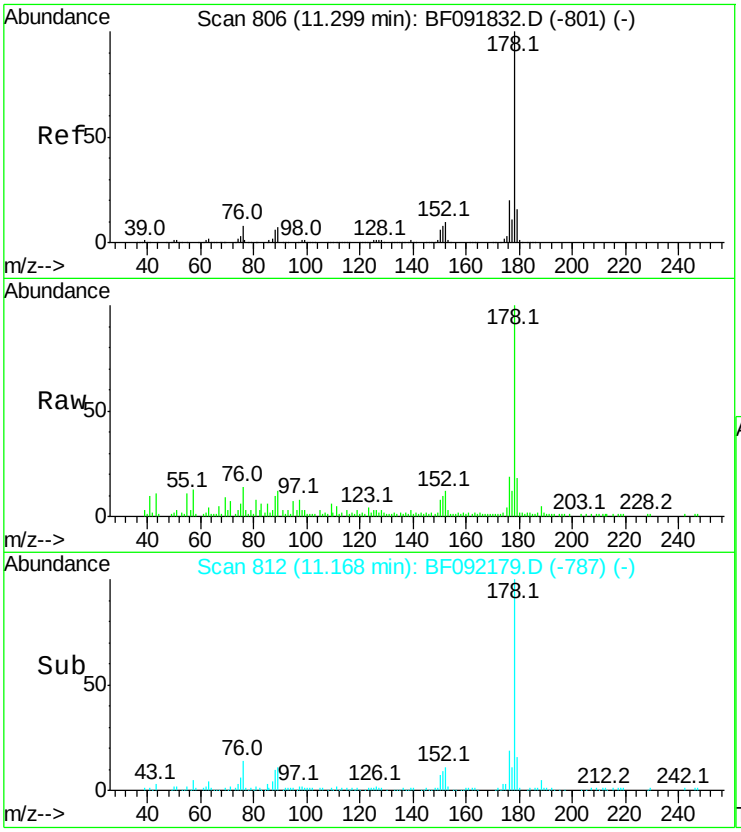


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:188 Resp: 364560

Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.0	15.0
80	14.2	11.2	16.8



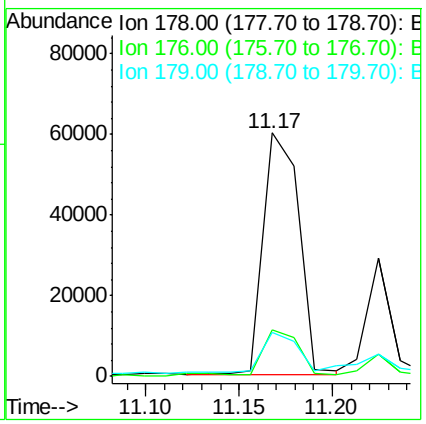


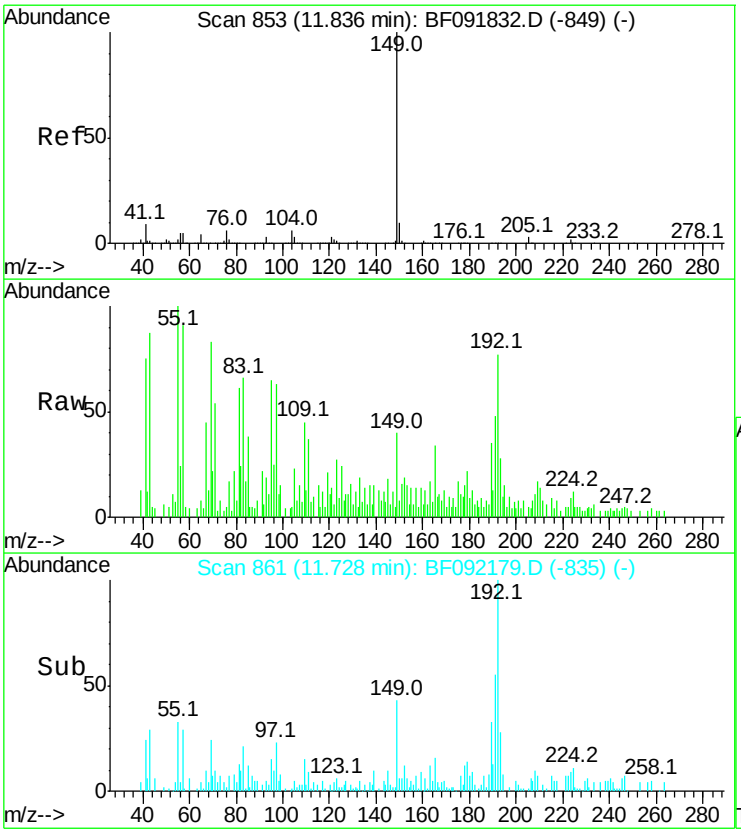
#70
Phenanthrene
Concen: 3.97 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 78498

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	18.0	12.8	19.2

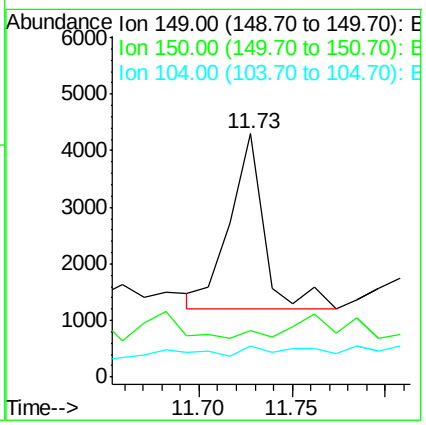


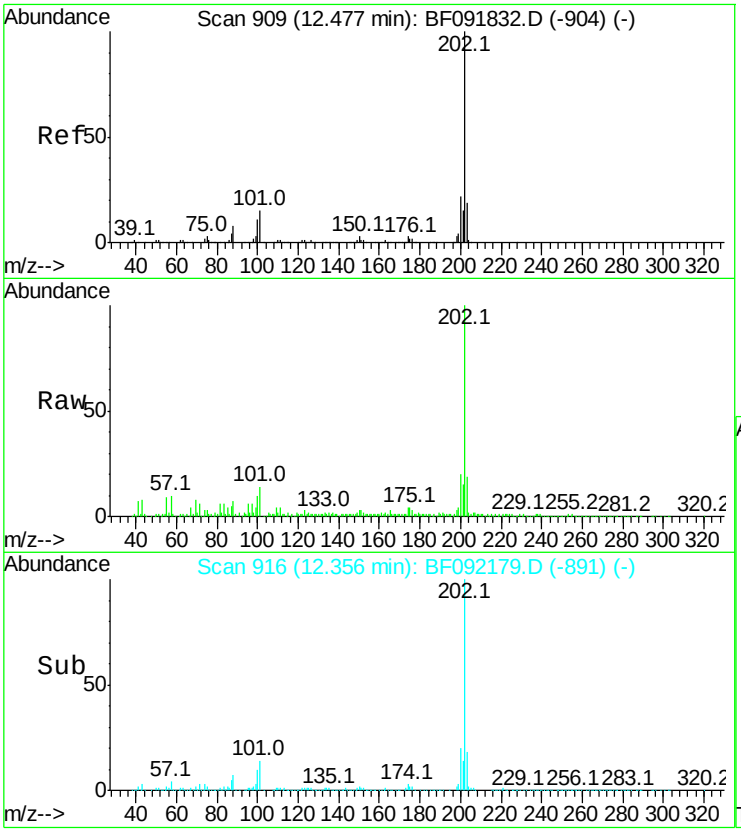


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:149 Resp: 3967

Ion	Ratio	Lower	Upper
149	100		
150	19.3	8.1	12.1#
104	12.6	4.6	7.0#



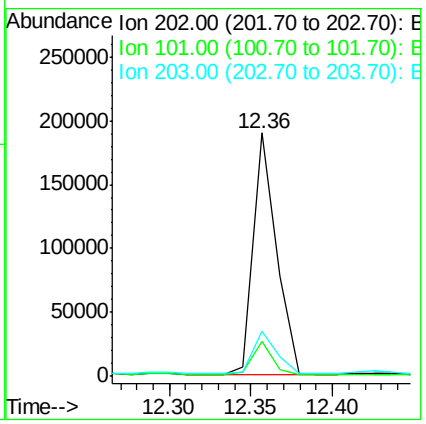


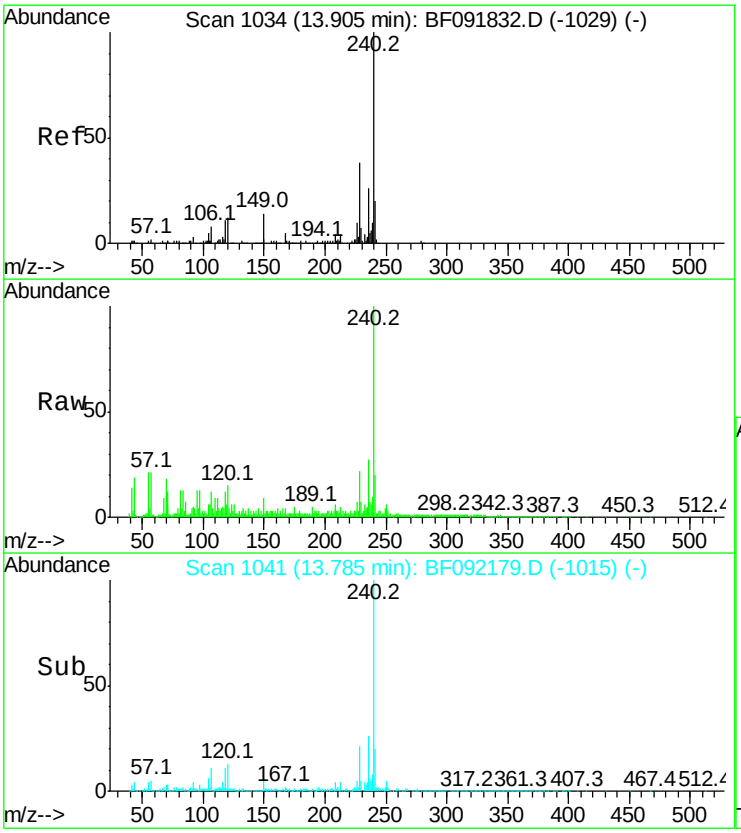
#74
Fluoranthene
Concen: 7.76 ng
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 189428

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	18.6	0.0	38.7

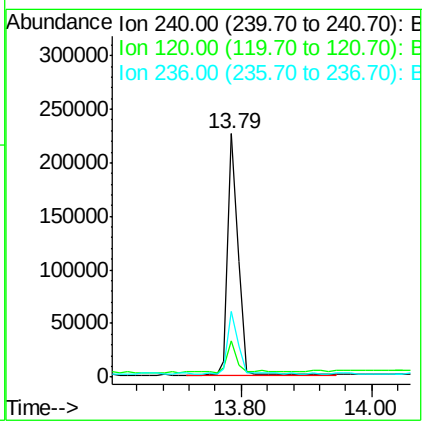


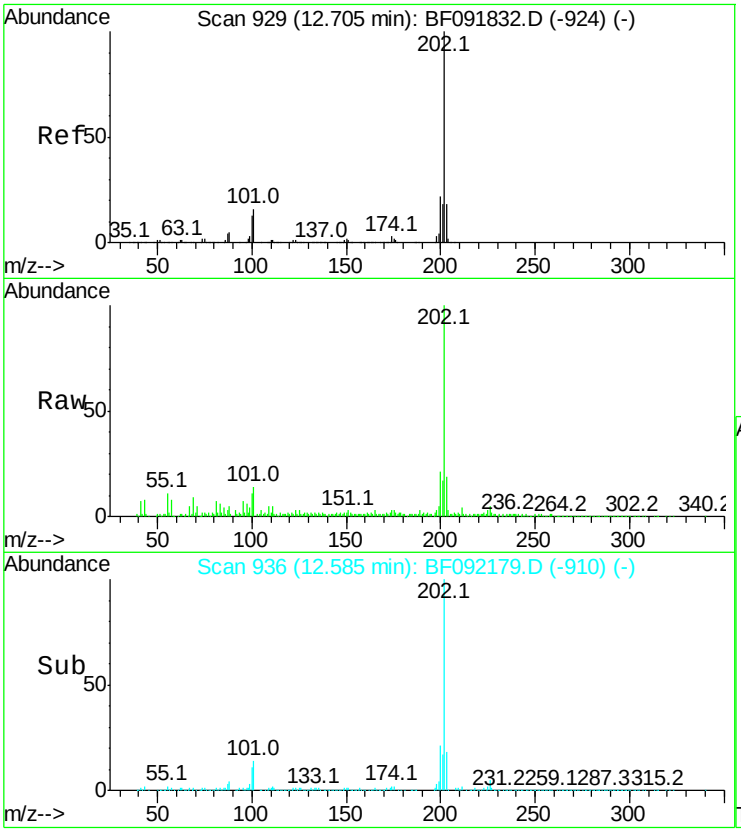


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:240 Resp: 243539

Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.9	19.3
236	27.2	20.9	31.3



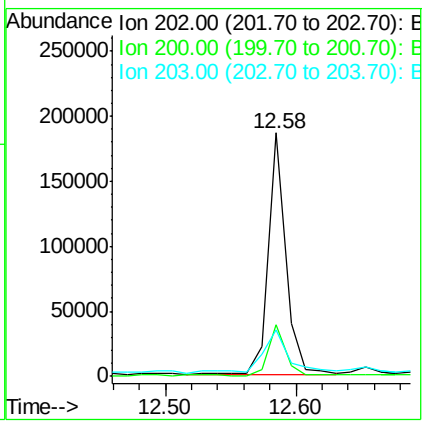


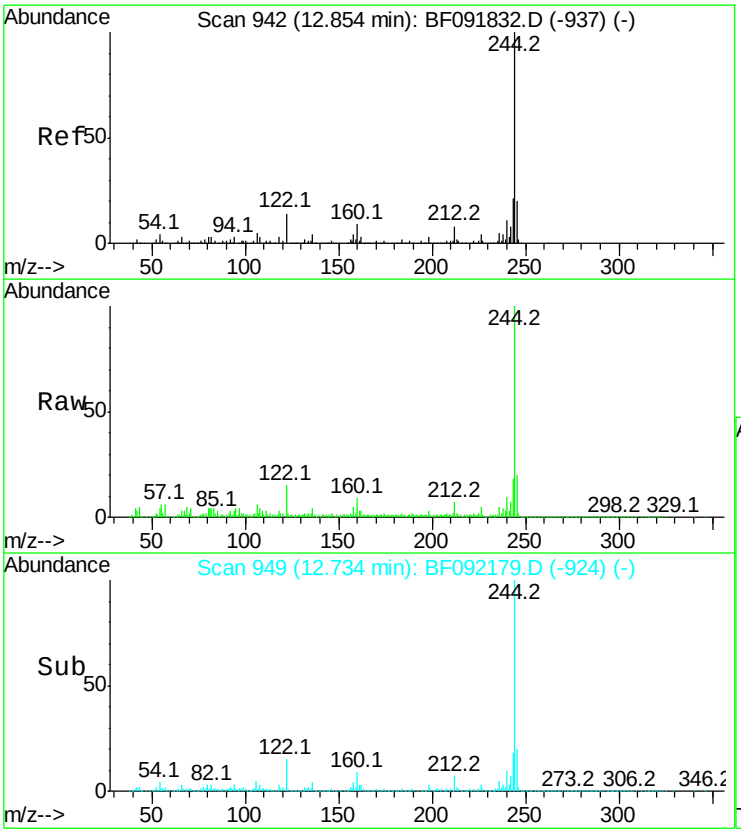
#77
Pyrene
Concen: 9.95 ng
RT: 12.58 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 177704

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	19.2	14.7	22.1

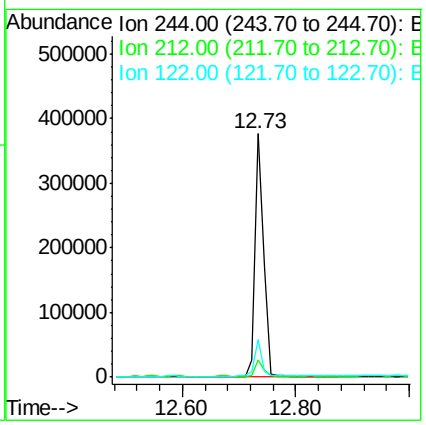


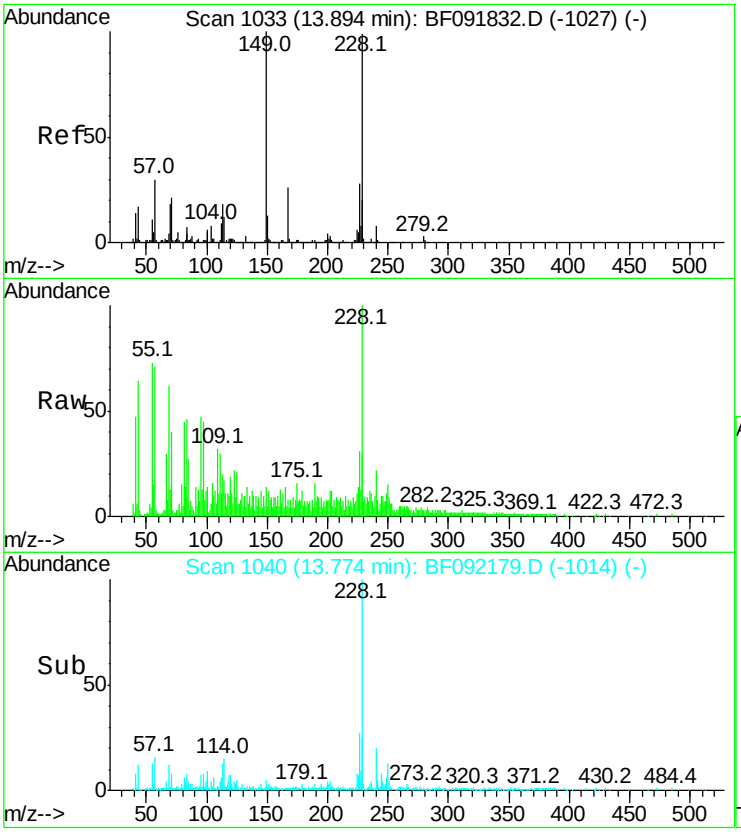


#78
Terphenyl-d14
Concen: 39.89 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:244 Resp: 400577

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	15.2	11.4	17.2



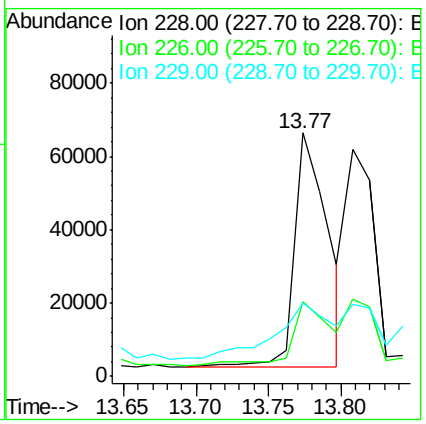


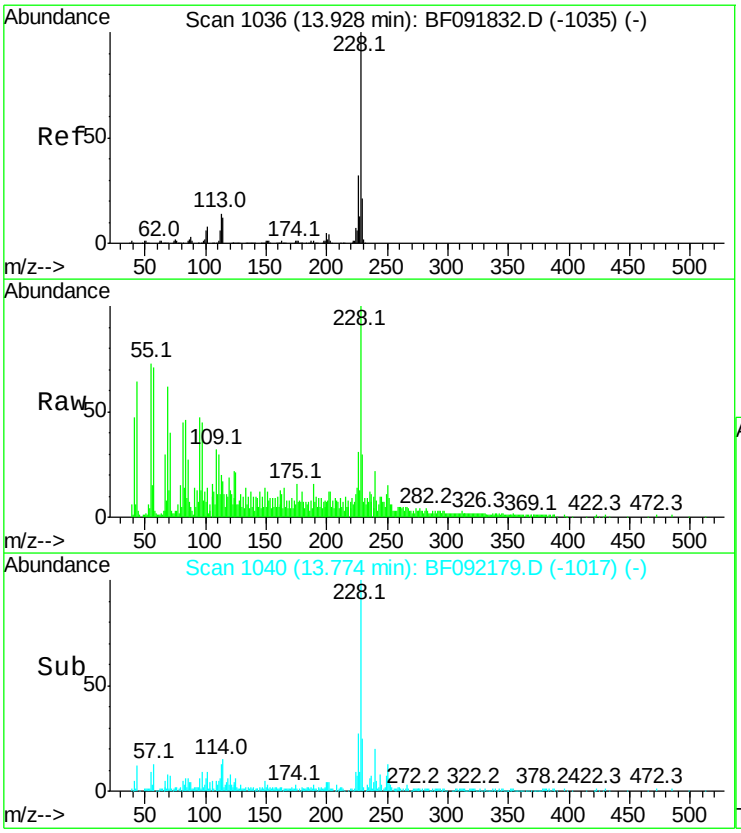
#80
Benzo(a)anthracene
Concen: 7.42 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 102057

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.4	33.6
229	29.9	16.2	24.4#

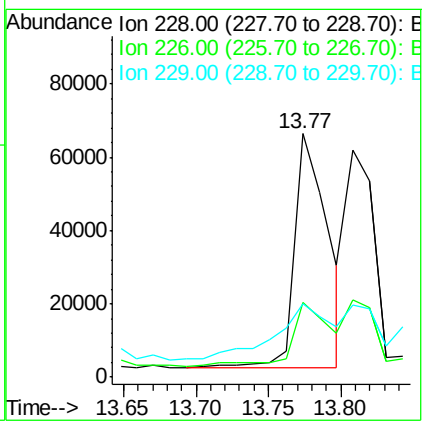


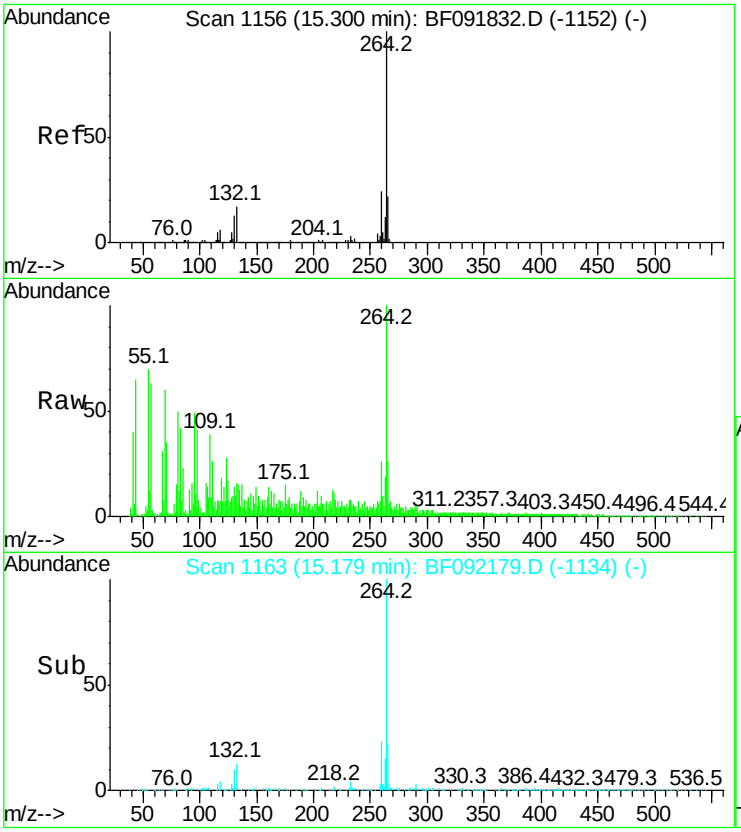


#82
Chrysene
Concen: 7.40 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:228 Resp: 102057

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	29.9	16.2	24.2#



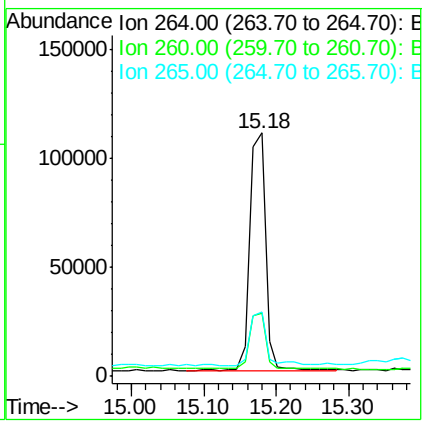


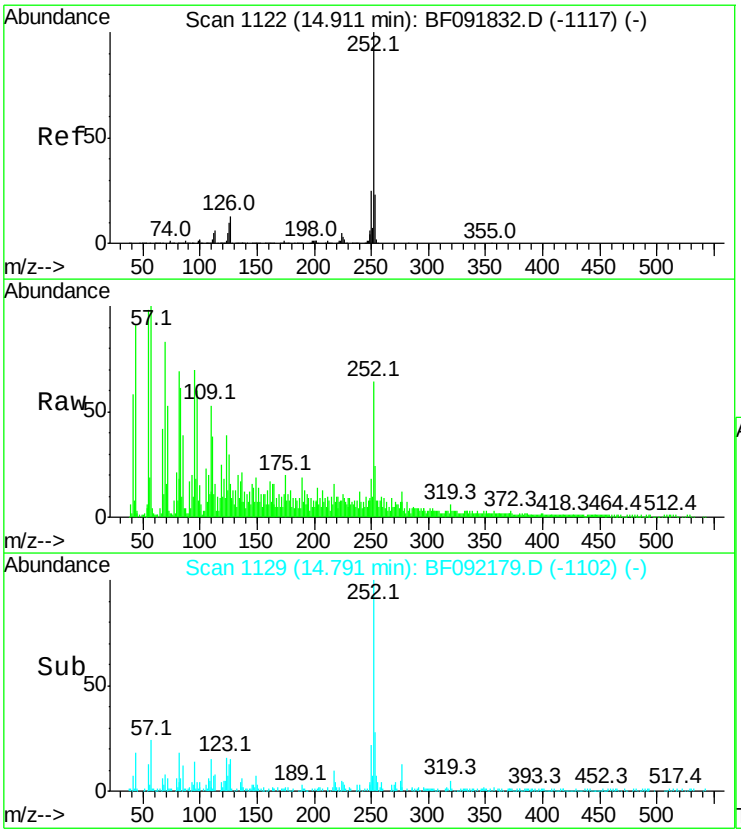
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167309

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	26.2	17.4	26.0#

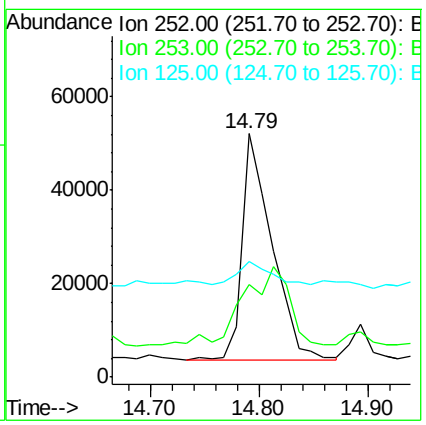


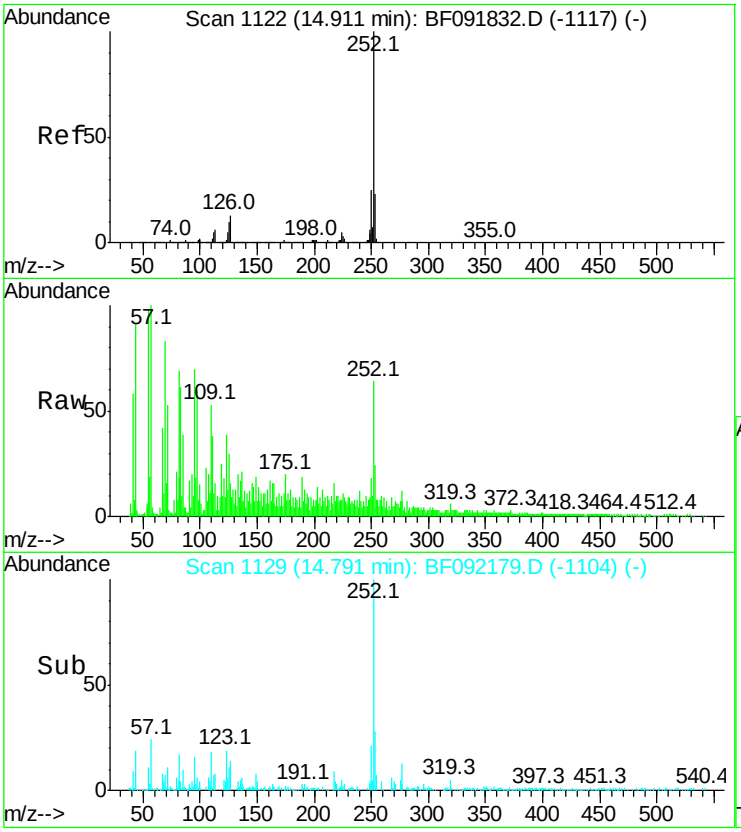


#87
Benzo(b)fluoranthene
Concen: 8.77 ng
RT: 14.79 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:252 Resp: 91338

Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.2	27.4#
125	47.7	9.8	14.6#



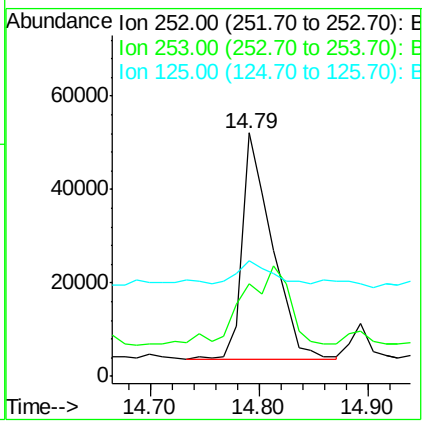


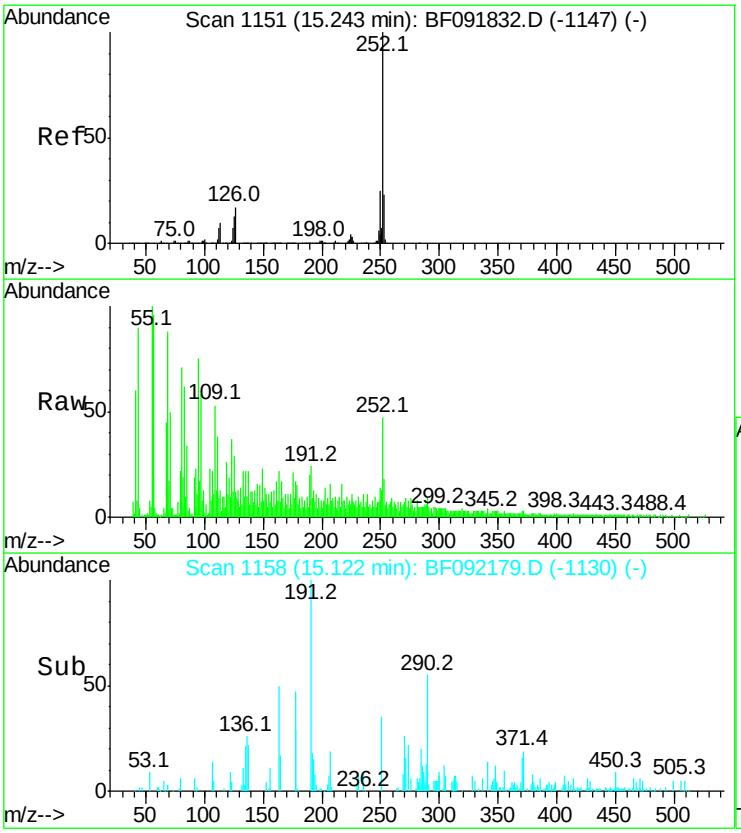
#88
Benzo(k)fluoranthene
Concen: 10.28 ng
RT: 14.79 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91338

Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.5	27.7#
125	47.7	8.9	13.3#

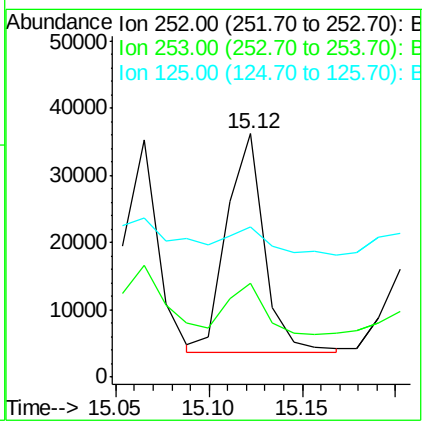


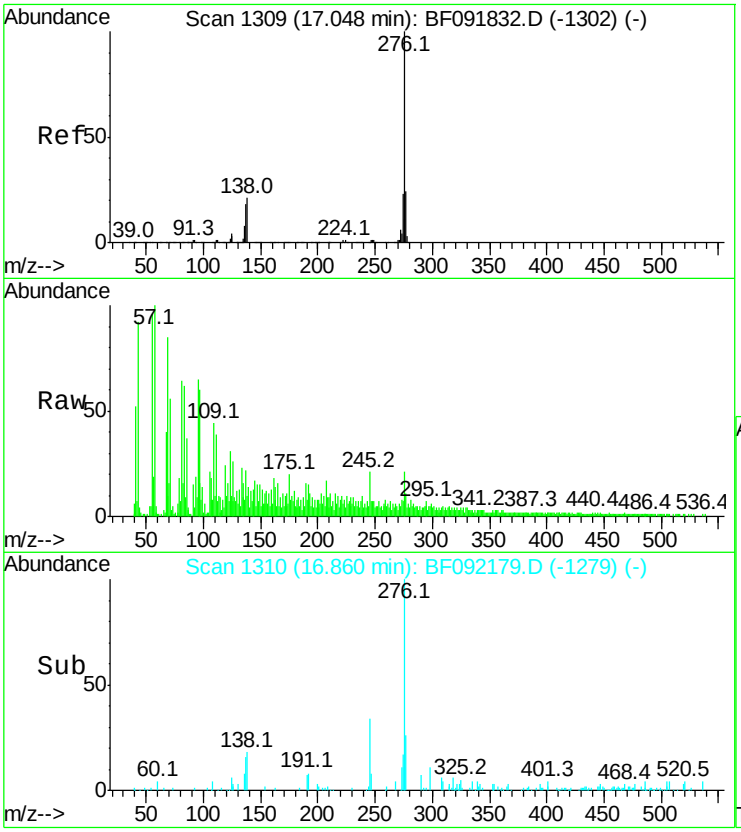


#89
Benzo(a)pyrene
Concen: 4.96 ng
RT: 15.12 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Tgt Ion:252 Resp: 45888

Ion	Ratio	Lower	Upper
252	100		
253	38.5	18.2	27.2#
125	61.7	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 16.86 min Scan# 1310
Delta R.T. 0.06 min
Lab File: BF092179.D
Acq: 10 Jan 2017 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 19236

Ion	Ratio	Lower	Upper
276	100		
277	49.8	19.2	28.8#
138	49.0	16.0	24.0#