Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P3-SP2

Quant Time: Jan 10 03:33:45 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	6.64	152	135533	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	470130	20.00	ng		-0.01
38) Acenaphthene-d10	9.68	164	219622	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	388479	20.00	ng		0.00
75) Chrysene-d12	13.80	240	241820	20.00	ng		0.01
86) Perylene-d12	15.17	264	174464	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	314317	38.72	ng		0.01
7) Phenol-d6	6.31	99	625861	63.15	ng		0.00
23) Nitrobenzene-d5	7.20	82	338634	40.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	37921	20.86	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	619778	52.96	ng		0.00
78) Terphenyl-d14	12.75	244	494439	49.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.18	77	777	Below Cal		#	21
10) Phenol	6.33	94	31772	2.81	ng	#	74
25) Isophorone	7.20	82	326484	20.93	ng	#	65
49) Dimethylphthalate	9.41	163	83820	5.97	ng		100
55) 4-Nitrophenol	9.88	139	8961	3.47	ng	#	14
56) 2,4-Dinitrotoluene	9.68	165	30961	8.02	ng	#	19
57) Fluorene	10.22	166	25613	2.10	ng		96
70) Phenanthrene	11.18	178	191947	9.11	ng		97
73) Di-n-butylphthalate	11.73	149	5189	Below Cal		#	81
74) Fluoranthene	12.37	202	198286	7.55	ng		94
76) Benzidine	12.47	184	876	Below Cal		#	1
77) Pyrene	12.60	202	162793	9.18	ng		99
80) Benzo(a)anthracene	13.79	228	57687	4.23	ng	#	89
82) Chrysene	13.79	228	57687	4.21	ng	#	94
87) Benzo(b)fluoranthene	14.79	252	61027	5.62	ng	#	42
88) Benzo(k)fluoranthene	14.79	252	61027	6.59	ng	#	43
89) Benzo(a)pyrene	15.11	252	34038	3.53	ng	#	24
91) Benzo(g,h,i)perylene	16.85	276	18583	2.26	ng	#	49

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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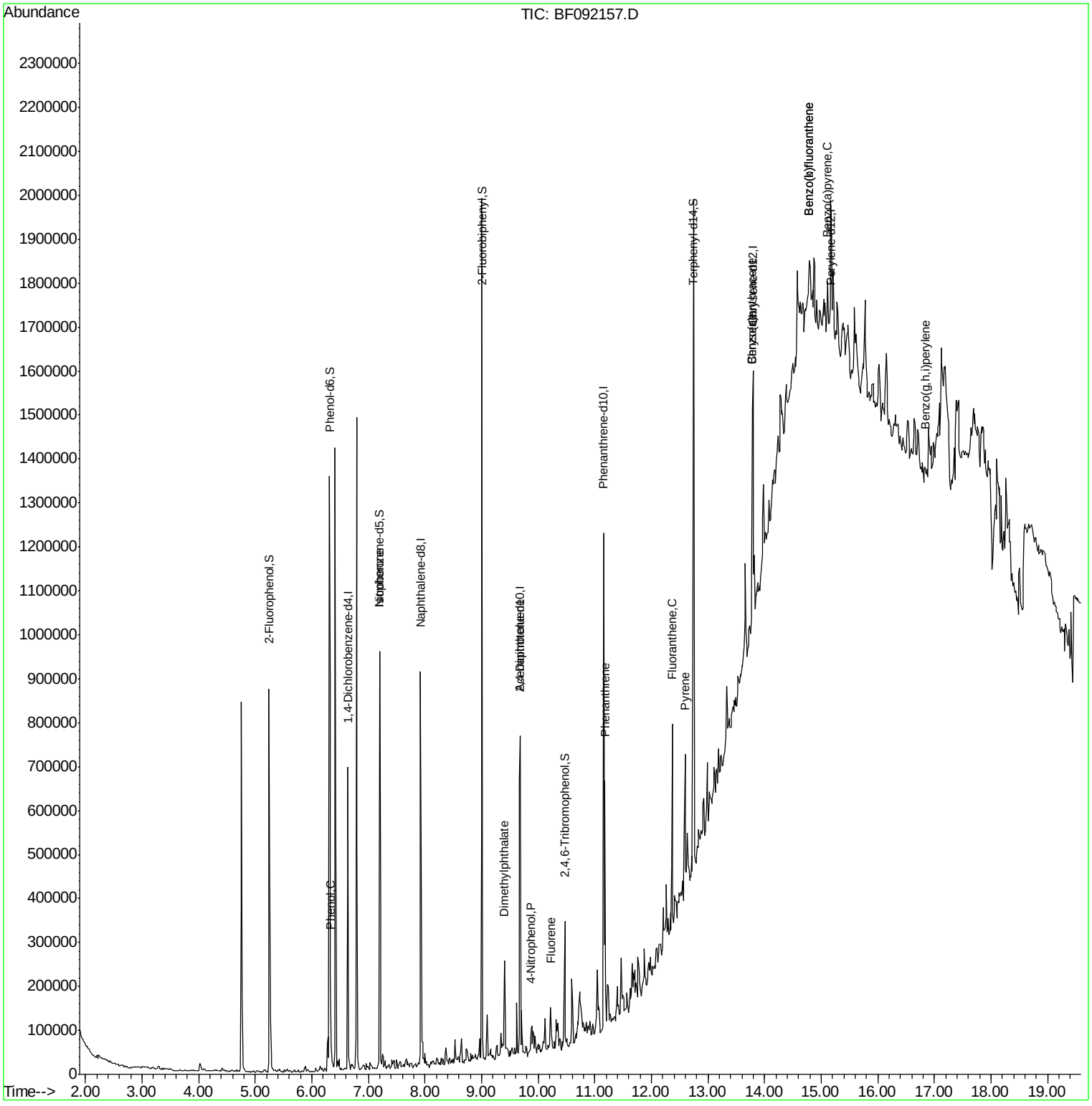
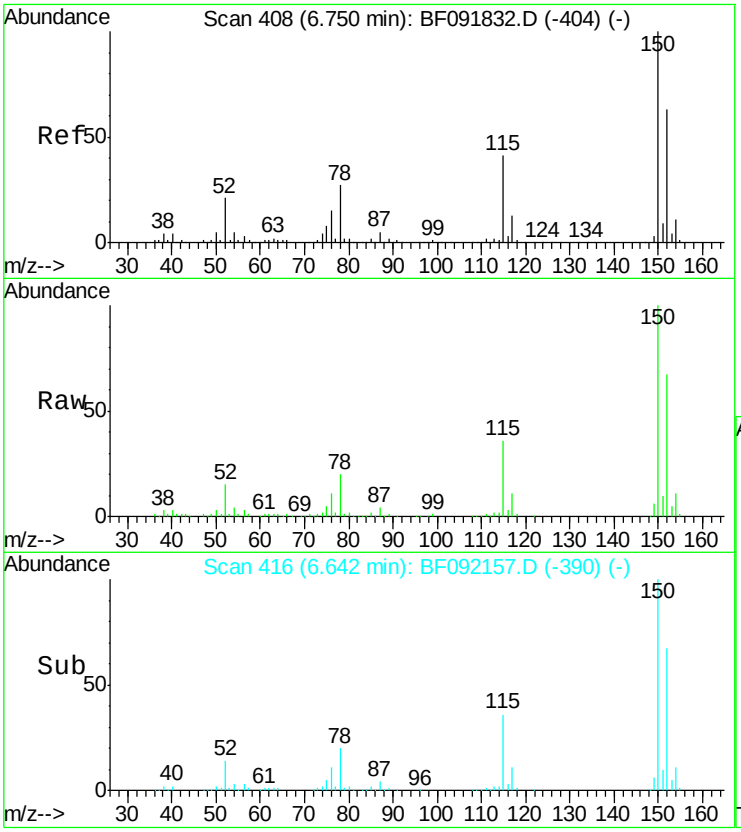


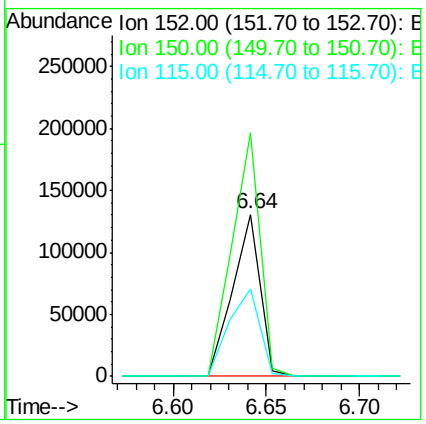


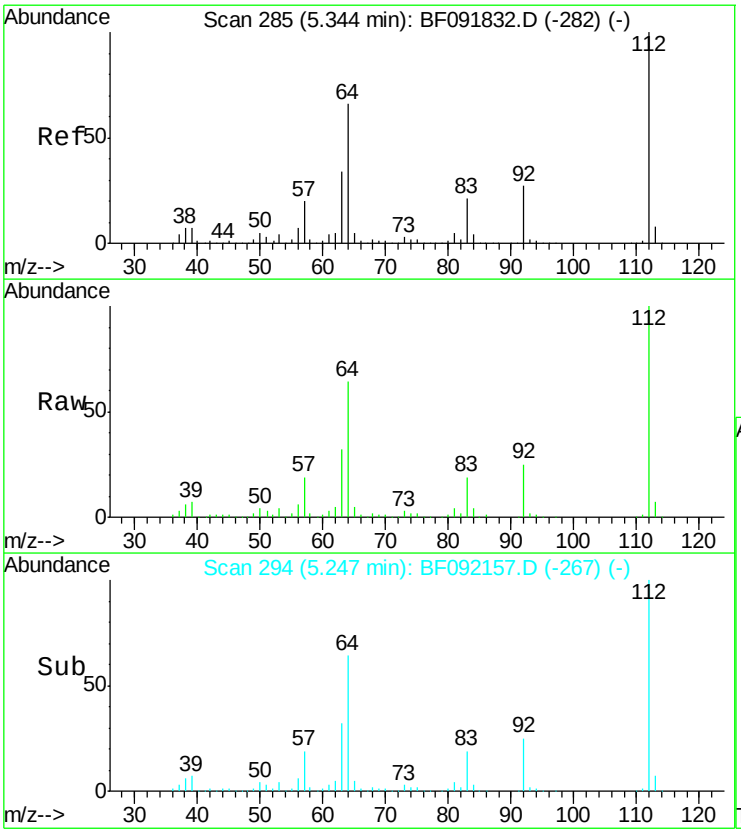
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:152 Resp: 135533

Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.9	187.3
115	53.7	46.0	69.0

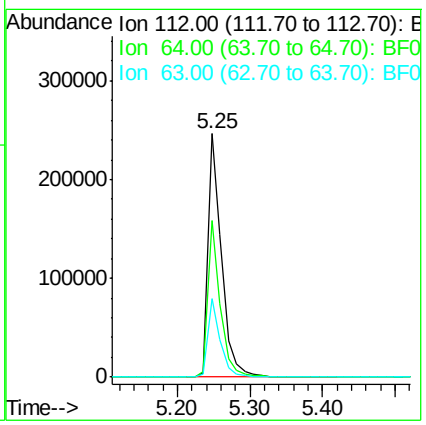


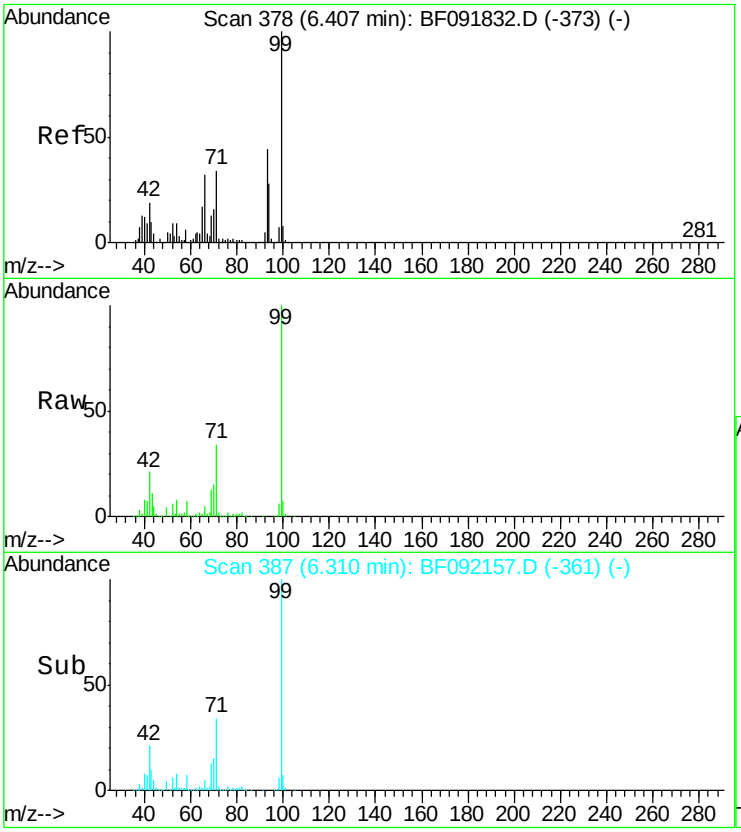


#5
2-Fluorophenol
Concen: 38.72 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:112 Resp: 314317

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	32.0	23.8	35.6



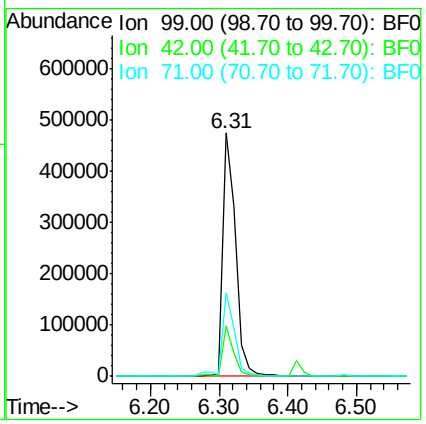


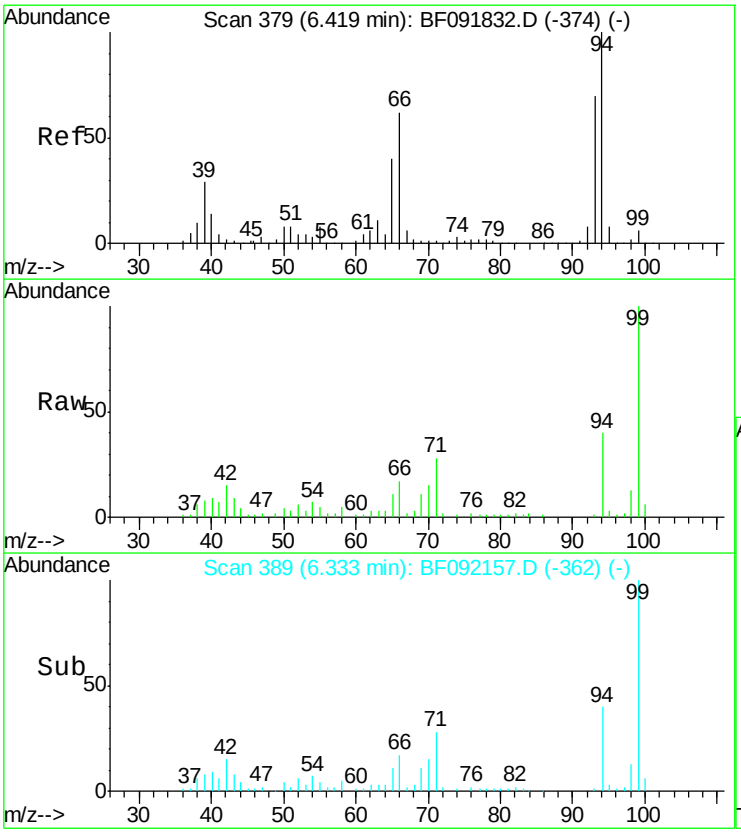
#7
Phenol-d6
Concen: 63.15 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion: 99 Resp: 625861

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.6	23.4
71	34.2	27.5	41.3

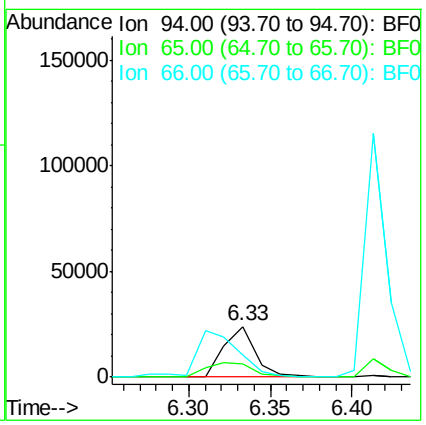


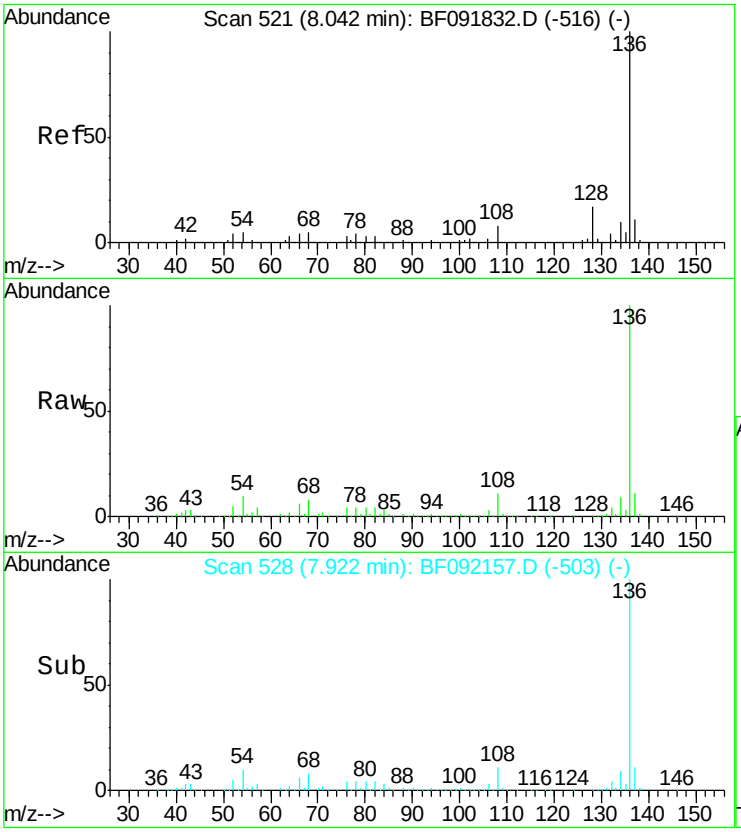


#10
Phenol
Concen: 2.81 ng
RT: 6.33 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion: 94 Resp: 31772

Ion	Ratio	Lower	Upper
94	100		
65	26.9	21.4	61.4
66	42.6	44.0	84.0#



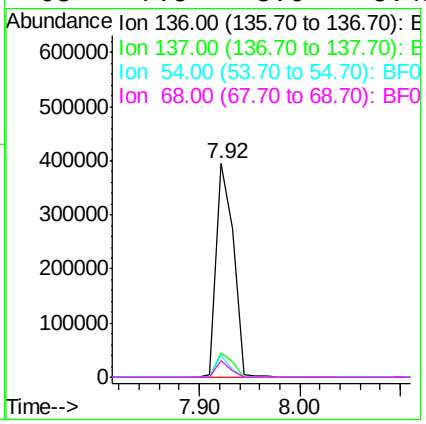


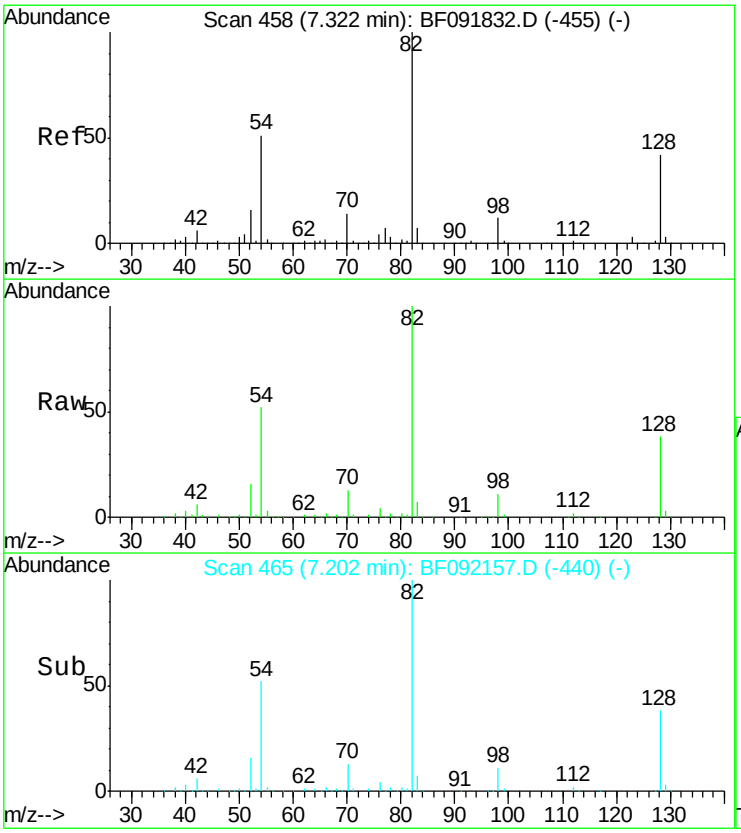
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:136 Resp: 470130

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.2	4.5	6.7#
68	7.5	3.6	5.4#

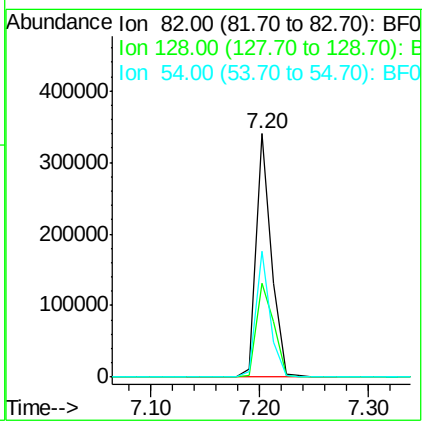


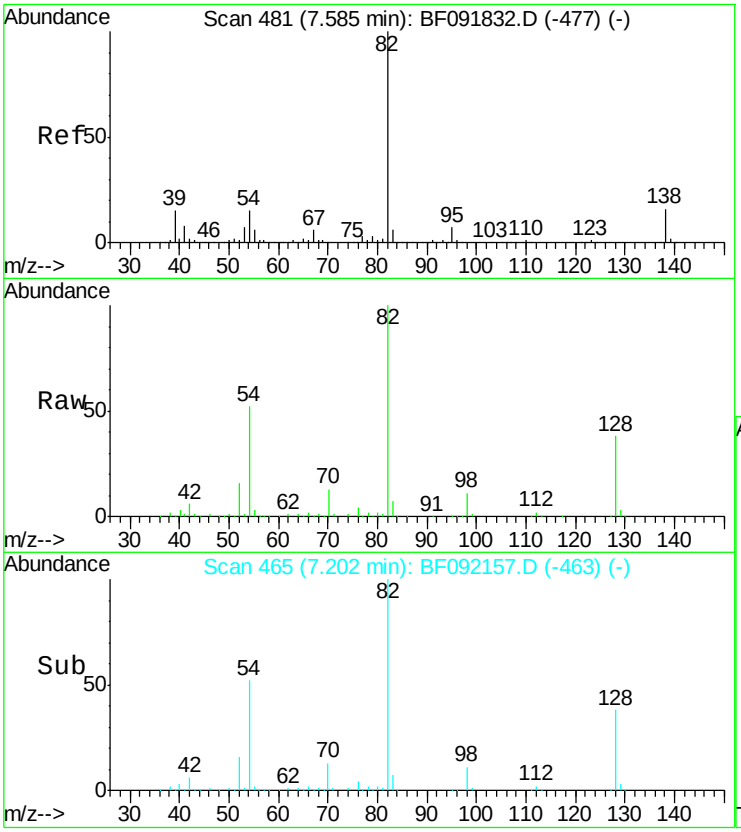


#23
Nitrobenzene-d5
Concen: 40.05 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion: 82 Resp: 338634

Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.6	52.0
54	51.6	39.5	59.3



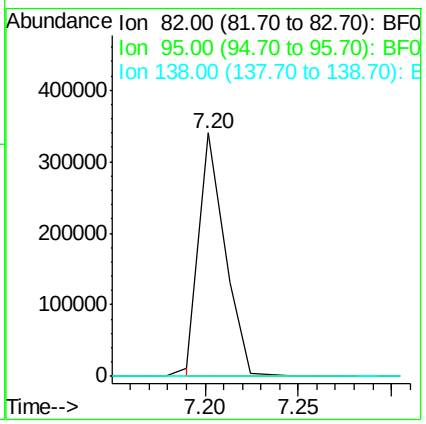


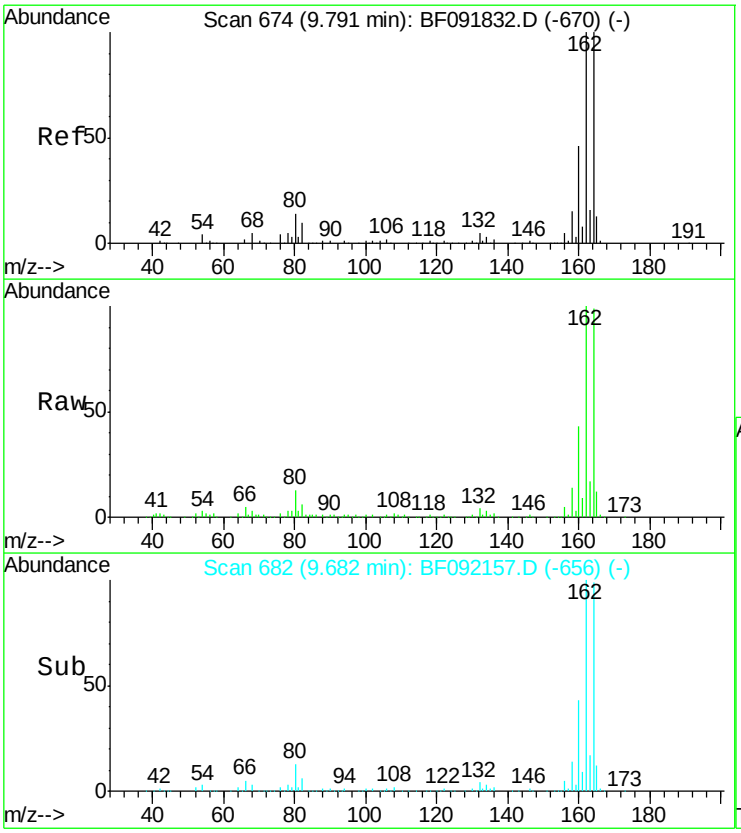
#25
Isophorone
Concen: 20.93 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.27 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion: 82 Resp: 326484

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

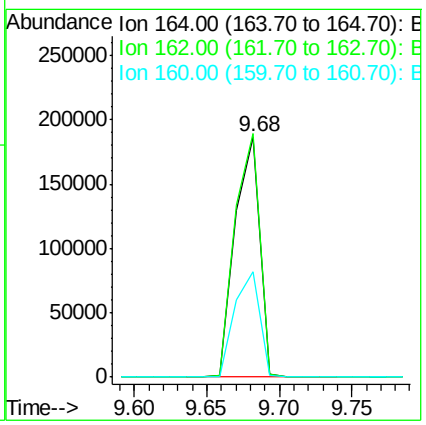


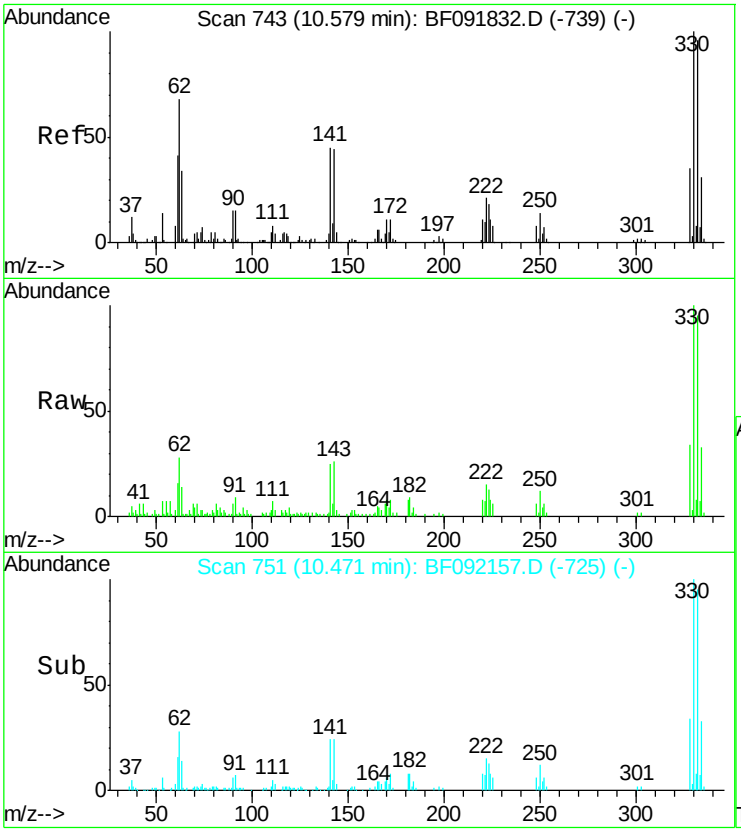


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:164 Resp: 219622

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.0	36.9	55.3



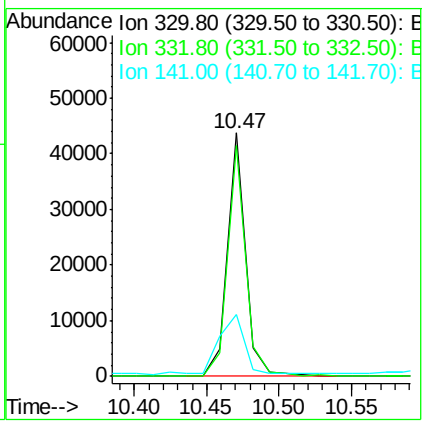


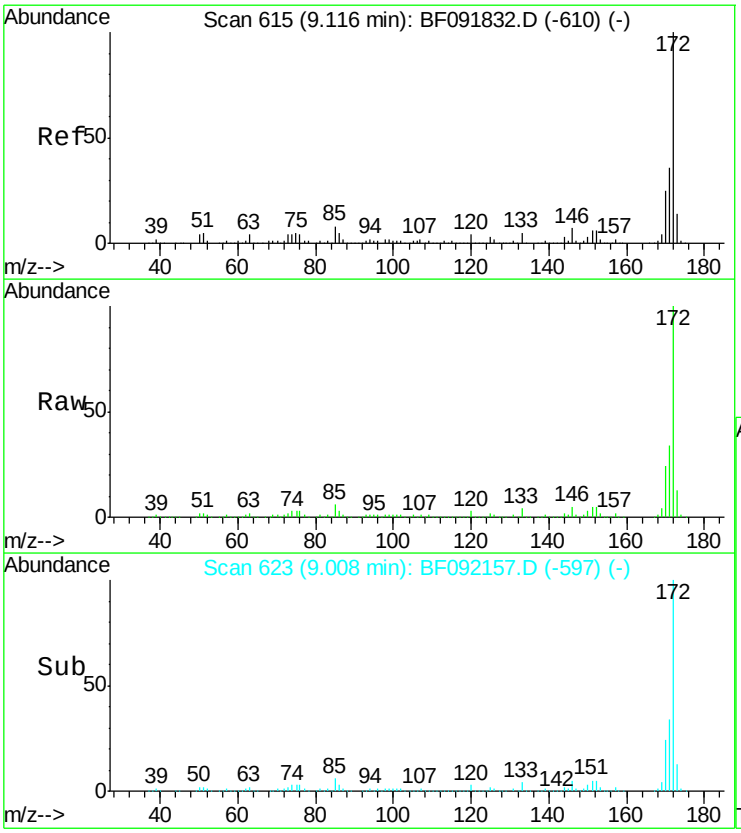
#41
2,4,6-Tribromophenol
Concen: 20.86 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:330 Resp: 37921

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	37.2	34.1	51.1

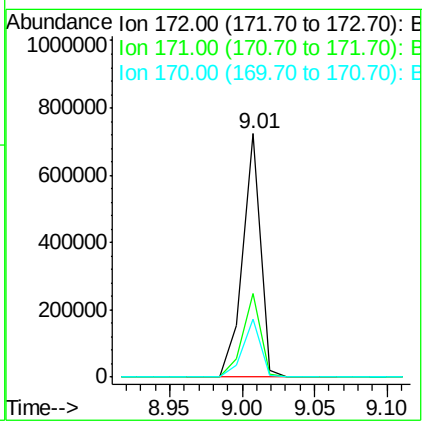


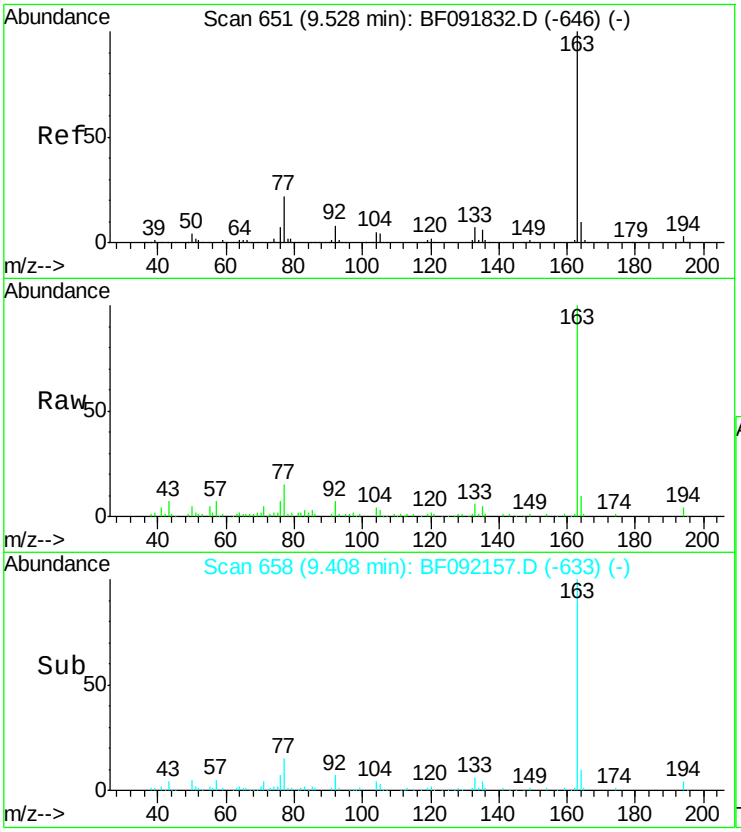


#44
2-Fluorobiphenyl
Concen: 52.96 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:172 Resp: 619778

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.4	44.0
170	23.7	20.2	30.4



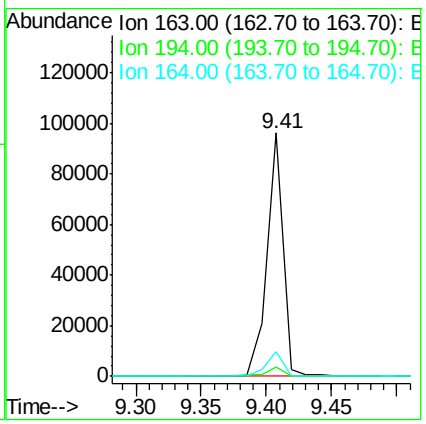


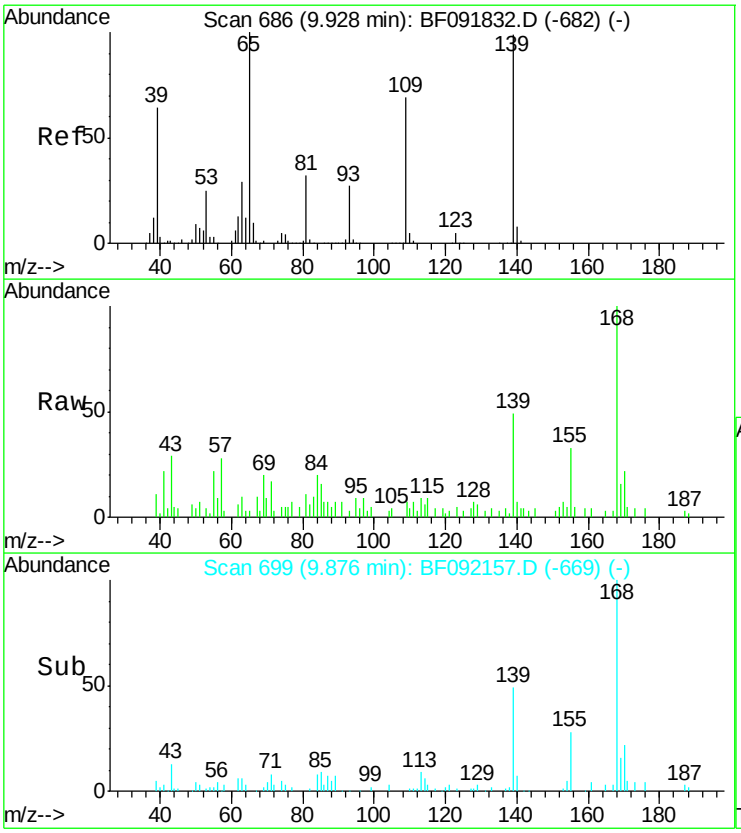
#49
Dimethylphthalate
Concen: 5.97 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:163 Resp: 83820

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	8.0	12.0

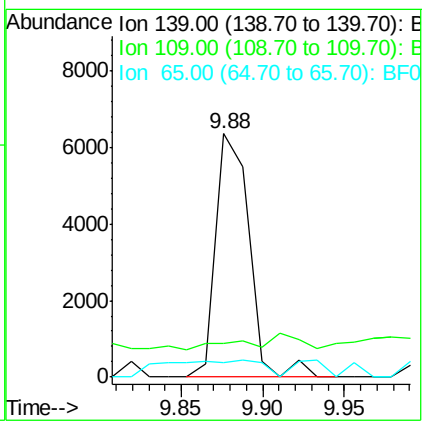


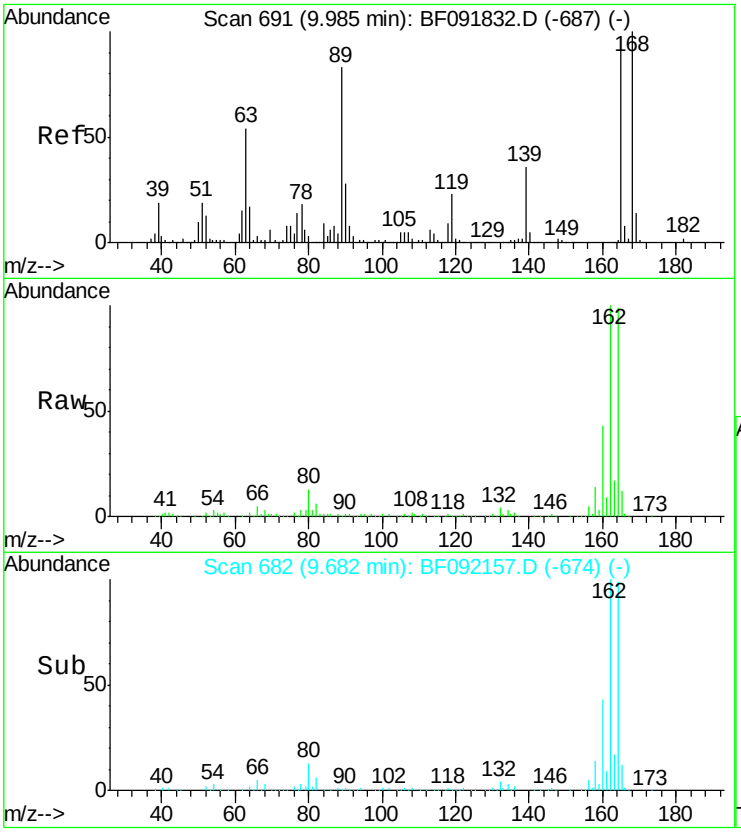


#55
4-Nitrophenol
Concen: 3.47 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:139 Resp: 8961

Ion	Ratio	Lower	Upper
139	100		
109	14.0	52.2	92.2#
65	6.1	85.8	125.8#



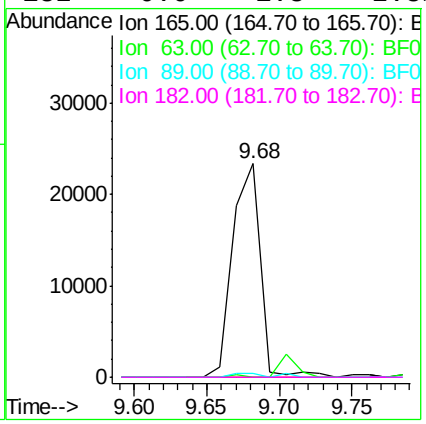


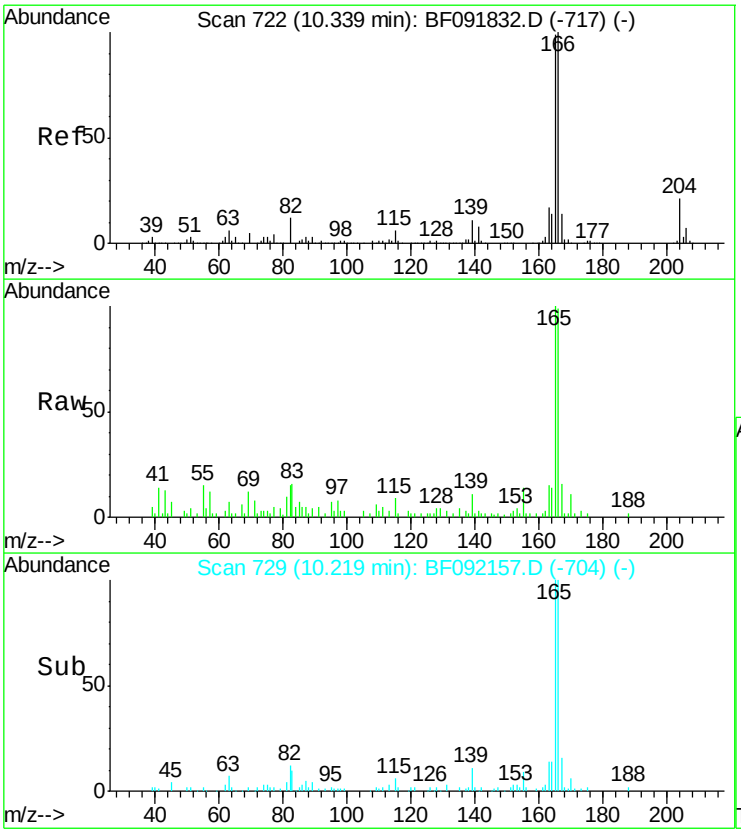
#56
2,4-Dinitrotoluene
Concen: 8.02 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:165 Resp: 30961

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#

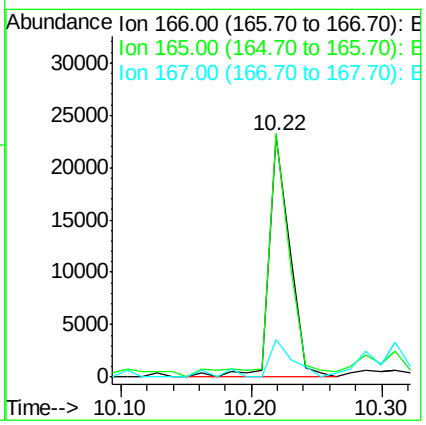


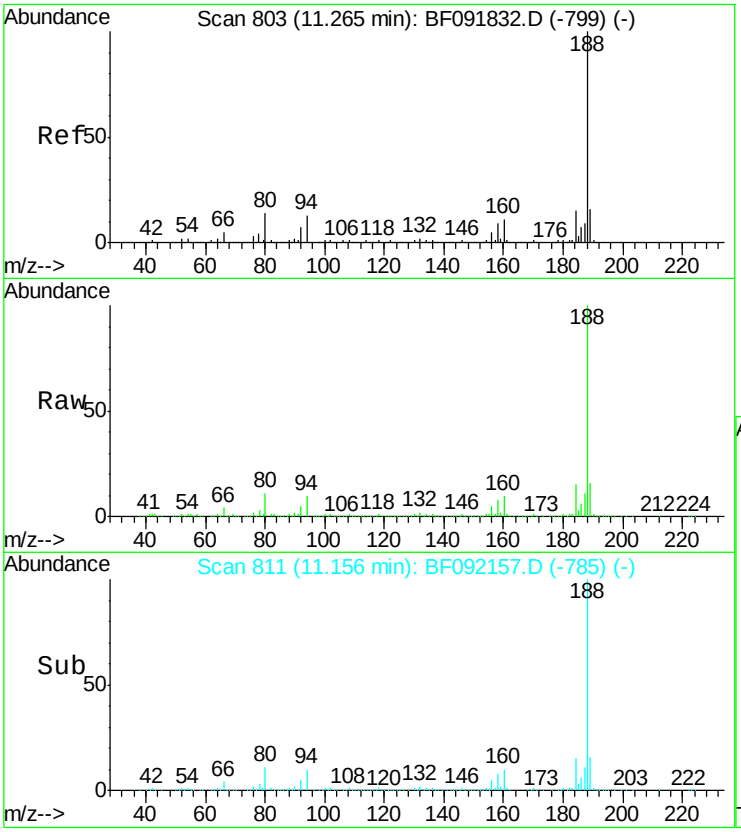


#57
Fluorene
Concen: 2.10 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:166 Resp: 25613

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.8
167	15.8	10.8	16.2



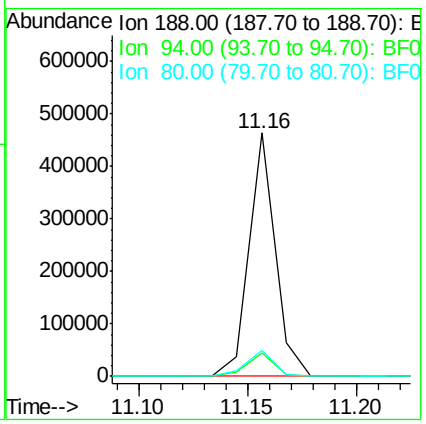


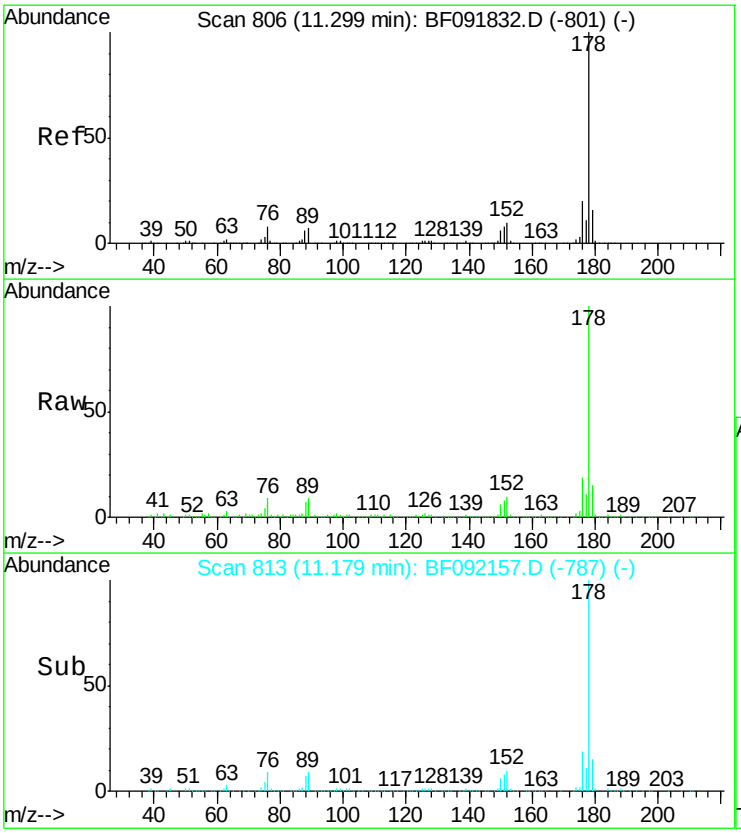
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:188 Resp: 388479

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.6	11.2	16.8#

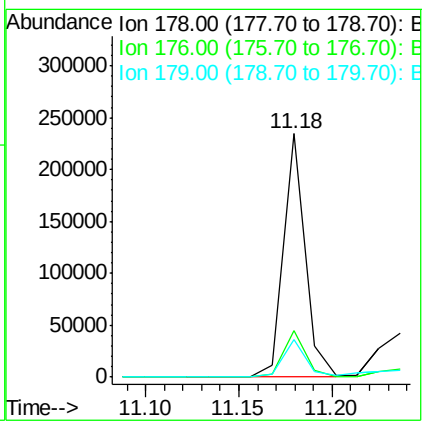


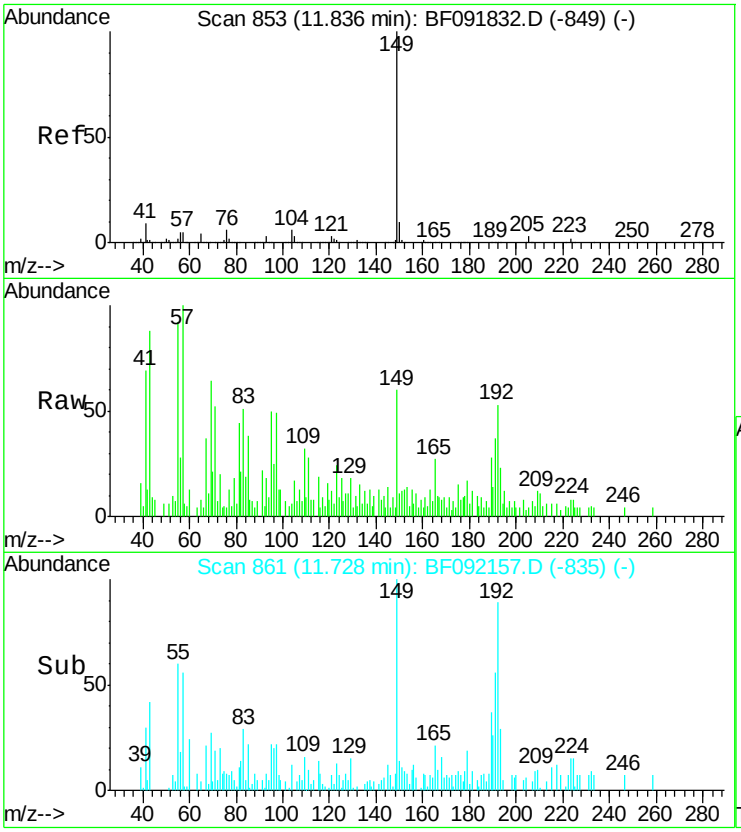


#70
Phenanthrene
Concen: 9.11 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:178 Resp: 191947

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	15.4	12.8	19.2



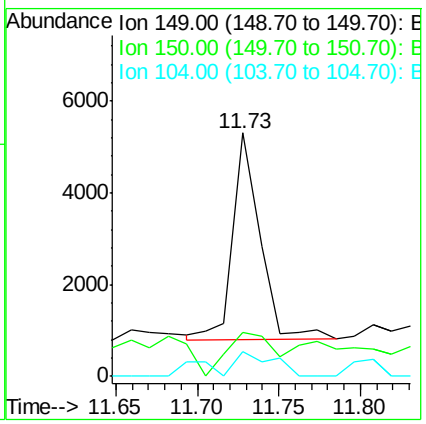


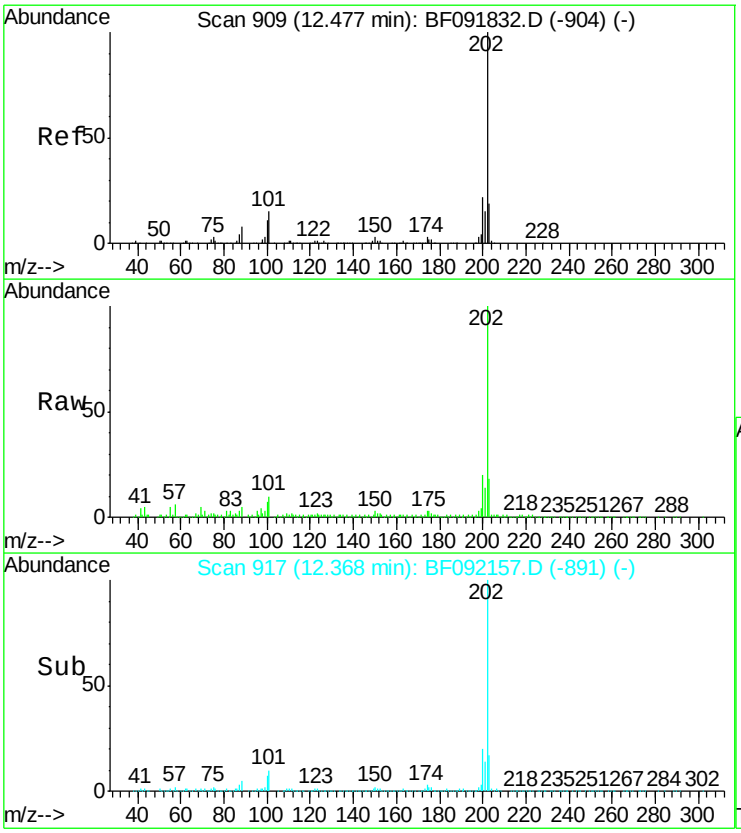
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:149 Resp: 5189

Ion	Ratio	Lower	Upper
149	100		
150	18.2	8.1	12.1#
104	10.4	4.6	7.0#

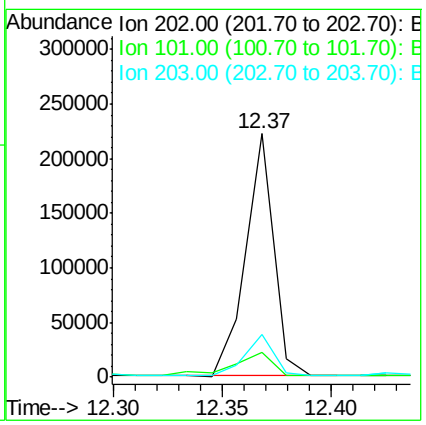


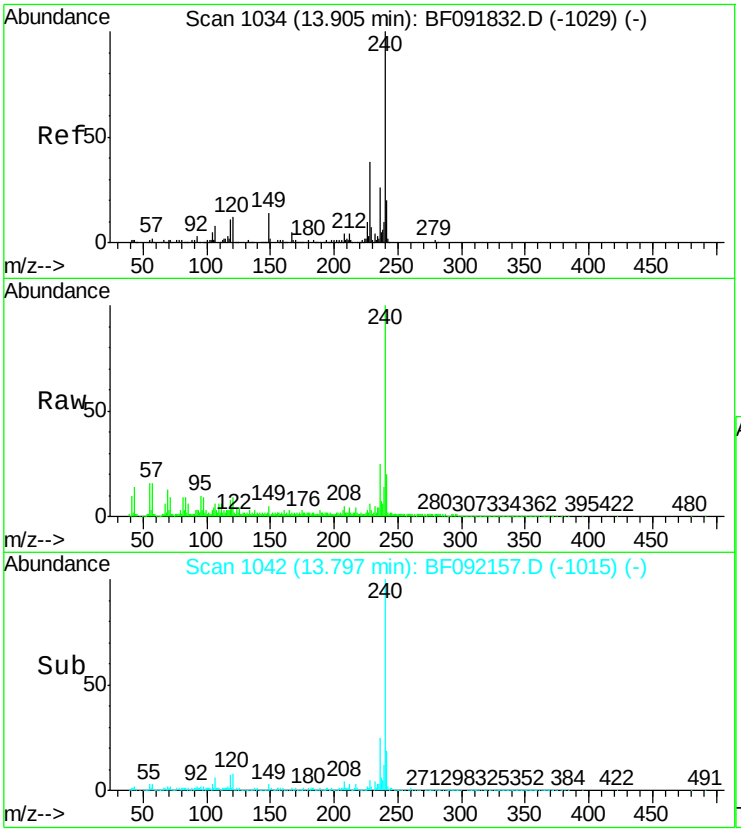


#74
Fluoranthene
Concen: 7.55 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:202 Resp: 198286

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.6
203	17.7	0.0	38.7



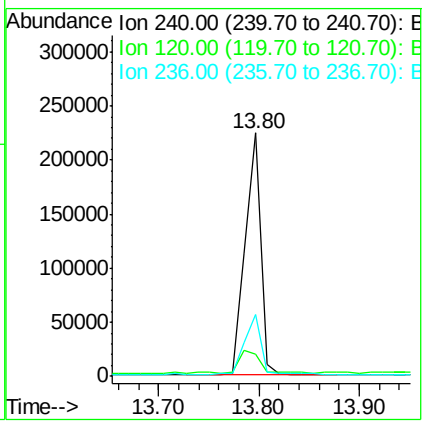


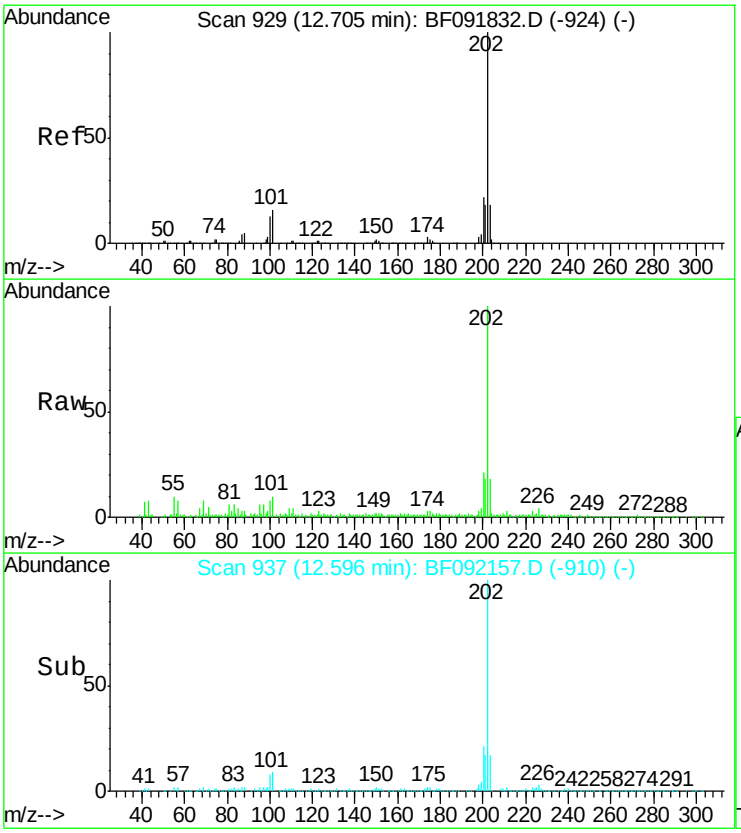
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:240 Resp: 241820

Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.3	20.9	31.3

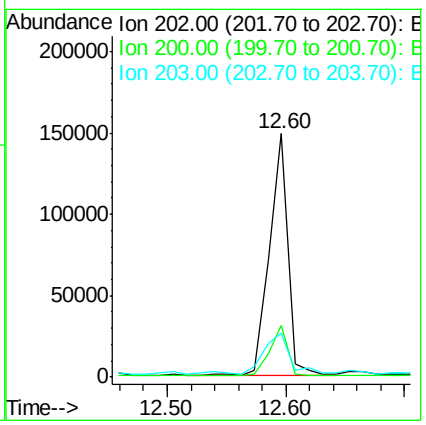


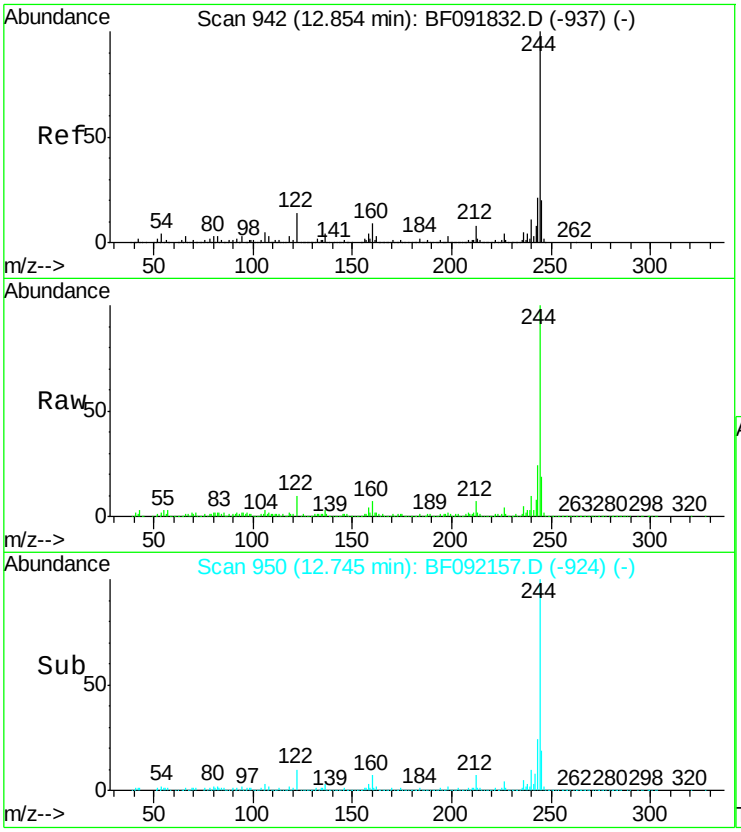


#77
Pyrene
Concen: 9.18 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:202 Resp: 162793

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.7	22.1



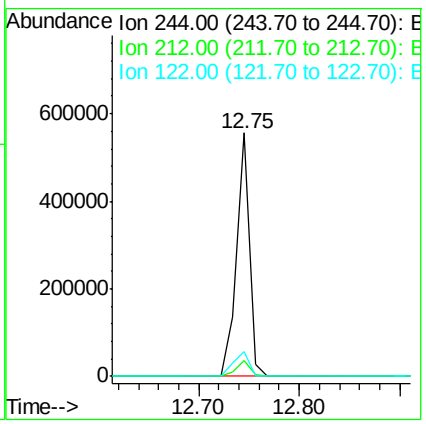


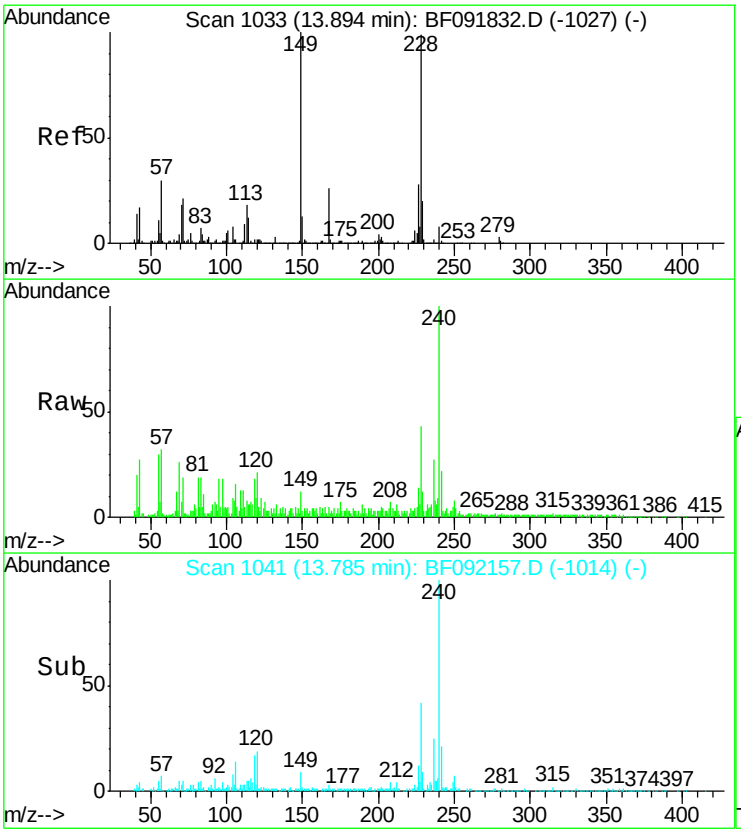
#78
Terphenyl-d14
Concen: 49.59 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:244 Resp: 494439

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	10.1	11.4	17.2#

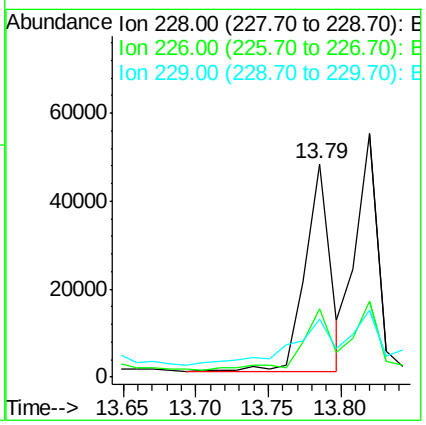


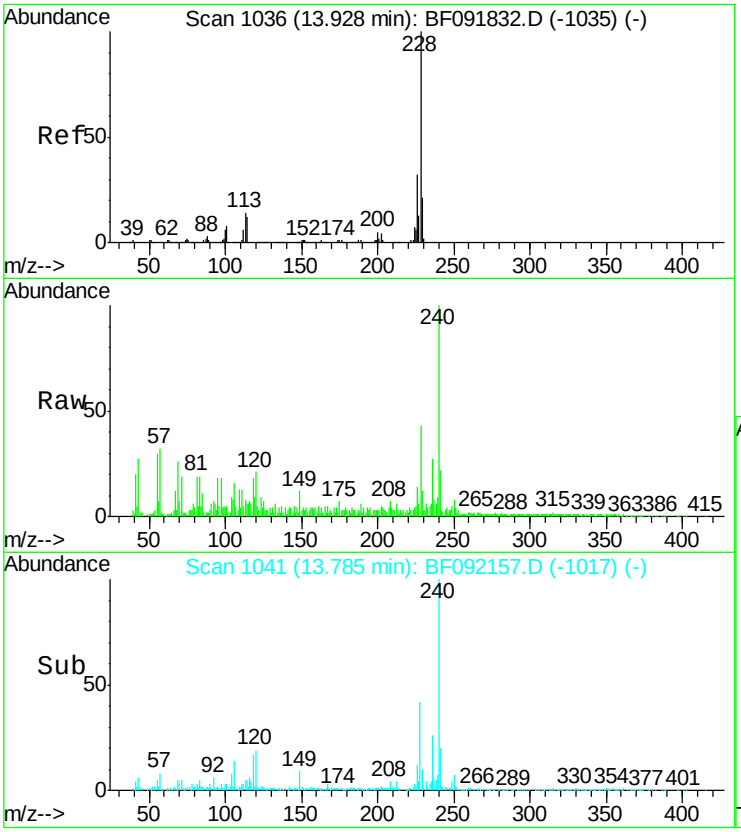


#80
Benzo(a)anthracene
Concen: 4.23 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:228 Resp: 57687

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.4	33.6
229	27.3	16.2	24.4#



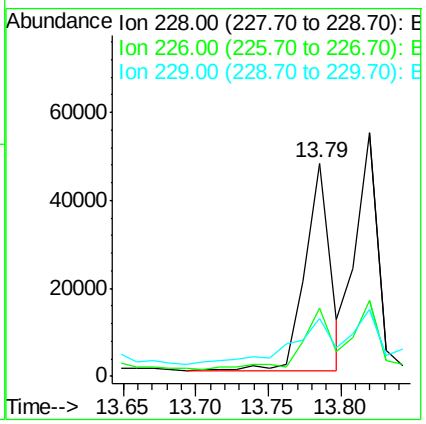


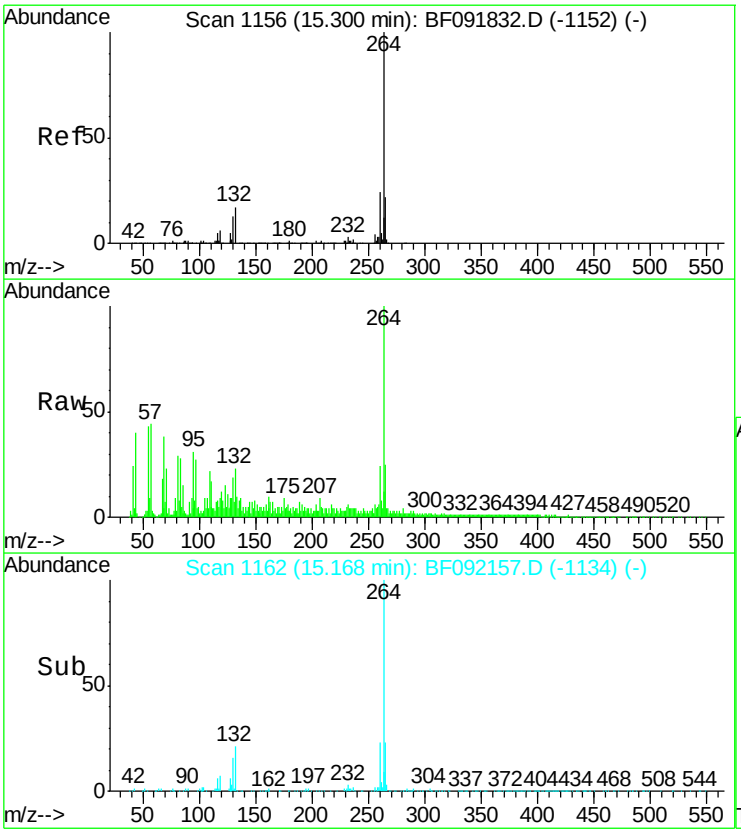
#82
Chrysene
Concen: 4.21 ng
RT: 13.79 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:228 Resp: 57687

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	27.3	16.2	24.2#

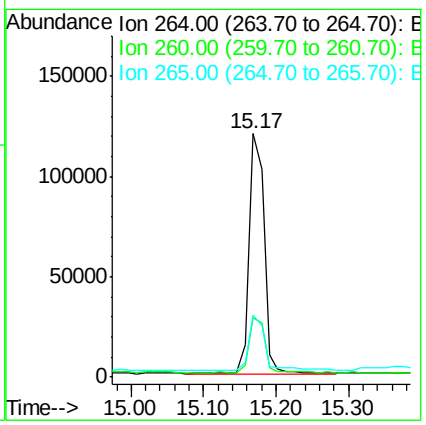


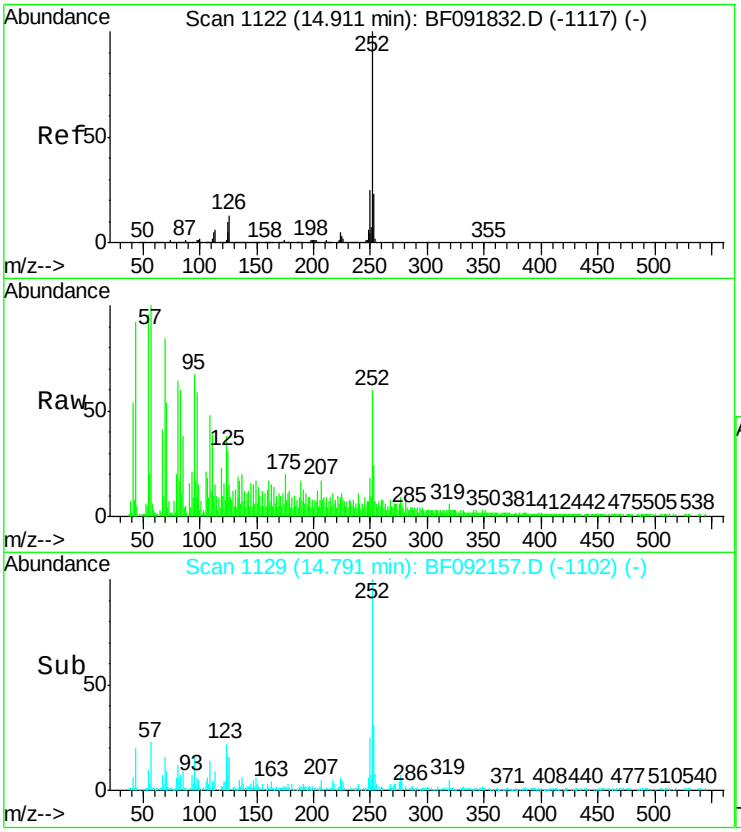


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:264 Resp: 174464

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	25.3	17.4	26.0



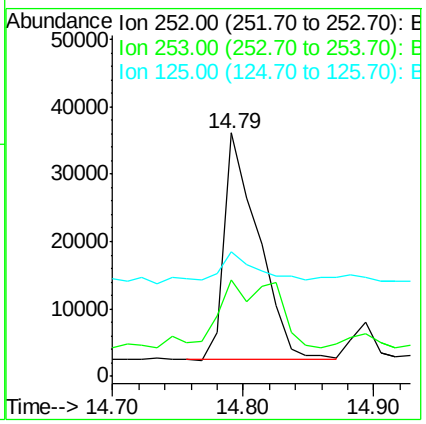


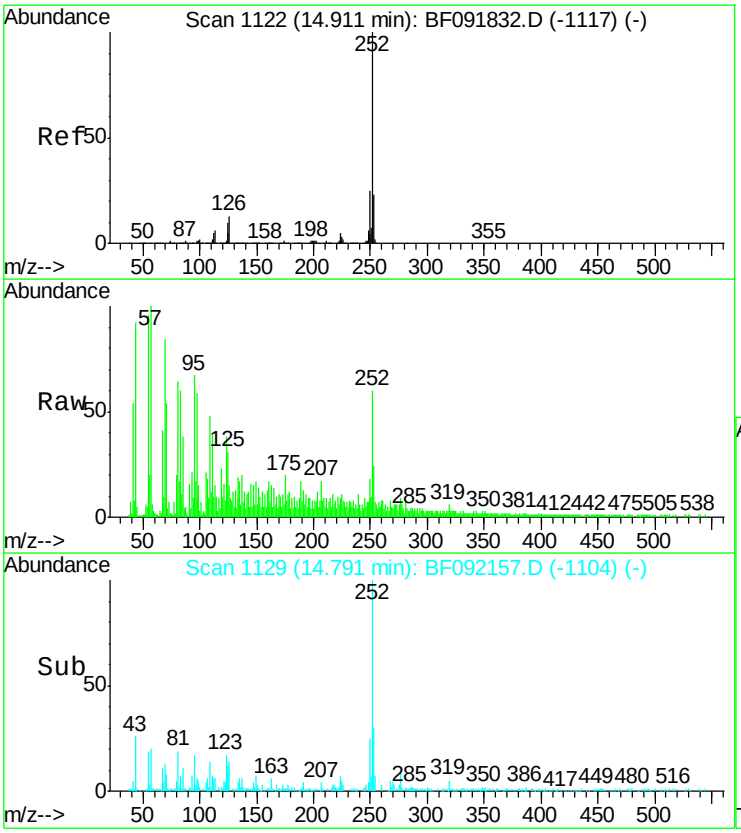
#87
Benzo(b)fluoranthene
Concen: 5.62 ng
RT: 14.79 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:252 Resp: 61027

Ion	Ratio	Lower	Upper
252	100		
253	39.8	18.2	27.4#
125	51.1	9.8	14.6#

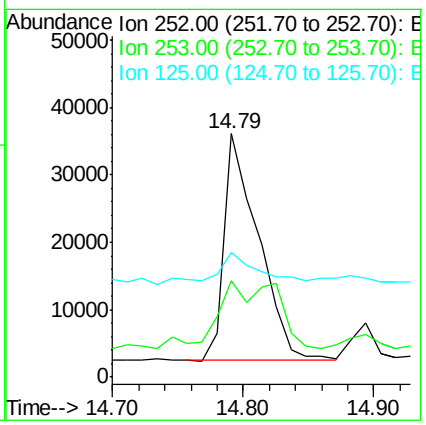


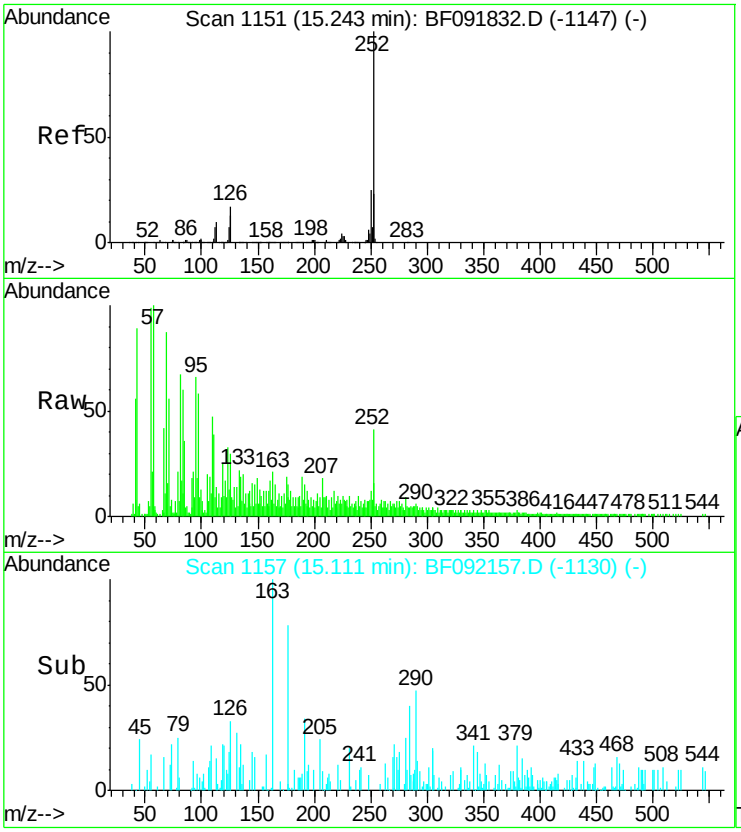


#88
Benzo(k)fluoranthene
Concen: 6.59 ng
RT: 14.79 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:252 Resp: 61027

Ion	Ratio	Lower	Upper
252	100		
253	39.8	18.5	27.7#
125	51.1	8.9	13.3#



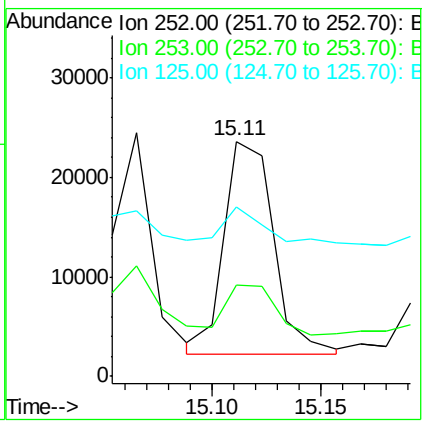


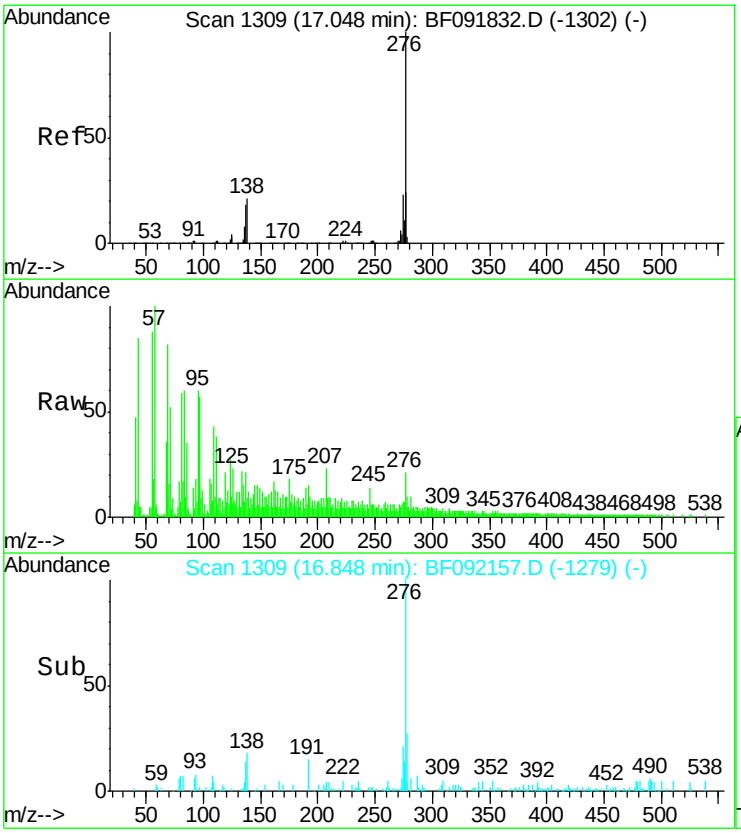
#89
Benzo(a)pyrene
Concen: 3.53 ng
RT: 15.11 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion:252 Resp: 34038

Ion	Ratio	Lower	Upper
252	100		
253	39.1	18.2	27.2#
125	72.2	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.26 ng
RT: 16.85 min Scan# 1309
Delta R.T. 0.05 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion:276 Resp: 18583

Ion	Ratio	Lower	Upper
276	100		
277	47.8	19.2	28.8#
138	44.7	16.0	24.0#