Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085442.D
Acq On : 14 Mar 2016 21:26
Operator : UM/SJ
Sample : H1722-08RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-28(0.5-2.5)

Quant Time: Mar 15 01:02:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	187933	20.00	ng		-0.06
21) Naphthalene-d8	8.21	136	751432	20.00	ng		-0.06
38) Acenaphthene-d10	9.97	164	343422	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	584641	20.00	ng		-0.06
75) Chrysene-d12	14.08	240	317891	20.00	ng		-0.07
86) Perylene-d12	15.55	264	319502	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1239961	110.67	ng		-0.05
7) Phenol-d6	6.56	99	1821152	124.07	ng		-0.05
23) Nitrobenzene-d5	7.49	82	984953	70.14	ng		-0.06
41) 2,4,6-Tribromophenol	10.76	330	354441	120.62	ng		-0.06
44) 2-Fluorobiphenyl	9.29	172	1628063	72.10	ng		-0.06
78) Terphenyl-d14	13.03	244	1109437	81.02	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	2568	Below Cal		#	2
19) n-Nitroso-di-n-propylamine	7.49	70	132117	13.81	ng	#	78
25) Isophorone	7.49	82	723385	27.80	ng	#	67
49) Dimethylphthalate	9.68	163	509444	19.33	ng		99
56) 2,4-Dinitrotoluene	9.97	165	45331	6.28	ng	#	22
66) 4-Bromophenyl-phenylether	10.76	248	25234	4.45	ng	#	1
70) Phenanthrene	11.48	178	90778	2.96	ng		97
74) Fluoranthene	12.66	202	169675	5.52	ng		93
77) Pyrene	12.89	202	150059	6.27	ng		97
80) Benzo(a)anthracene	14.07	228	74930	3.94	ng		99
82) Chrysene	14.07	228	74930	4.26	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	35778	2.61	ng	#	88
87) Benzo(b)fluoranthene	15.12	252	104272	4.90	ng		97
88) Benzo(k)fluoranthene	15.12	252	104272	6.07	ng		97
89) Benzo(a)pyrene	15.48	252	57378	3.25	ng	#	96
91) Benzo(g,h,i)perylene	17.42	276	38813	2.56	ng		94

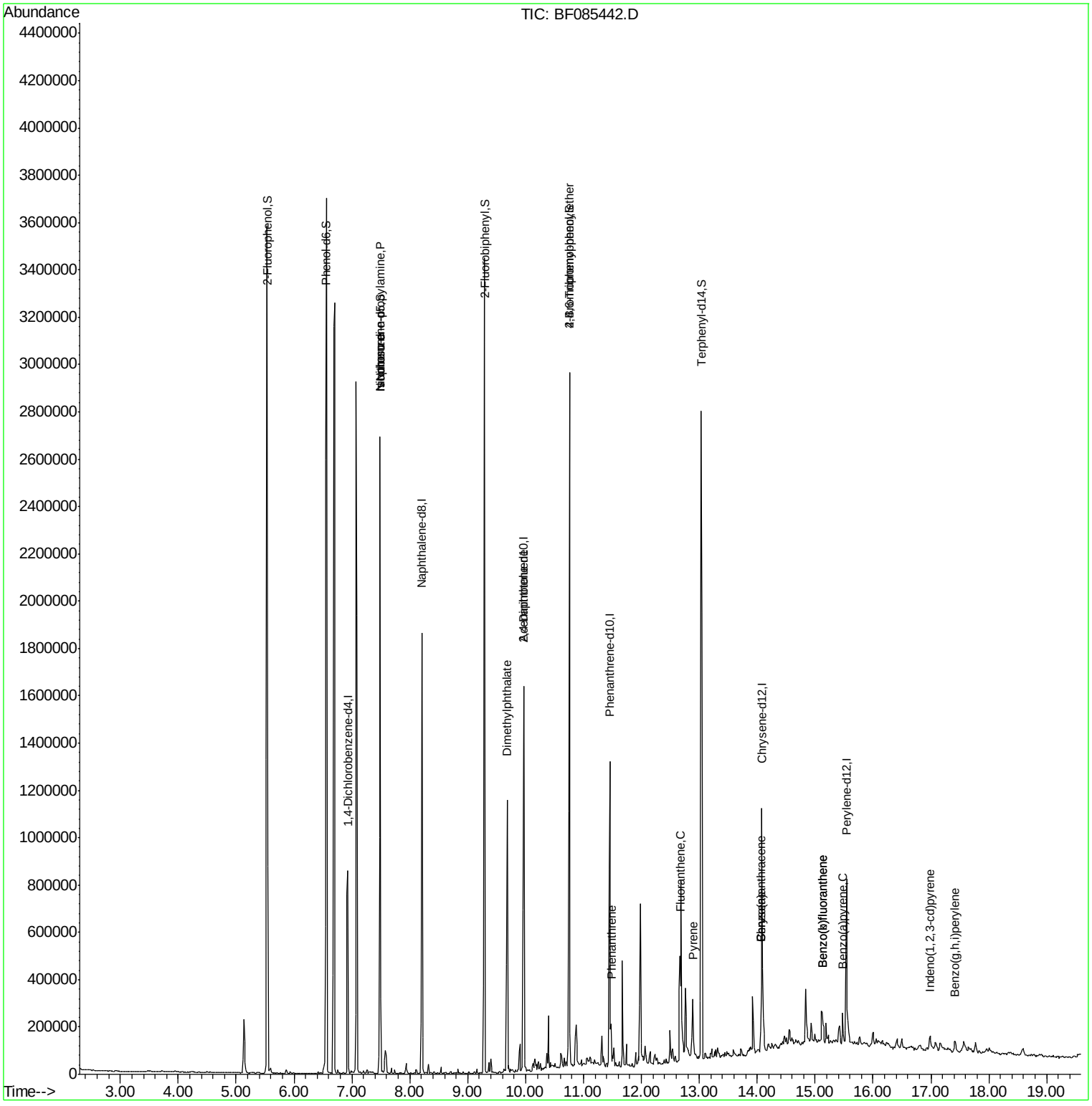
(#) = qualifier out of range (m) = manual integration (+) = signals summed

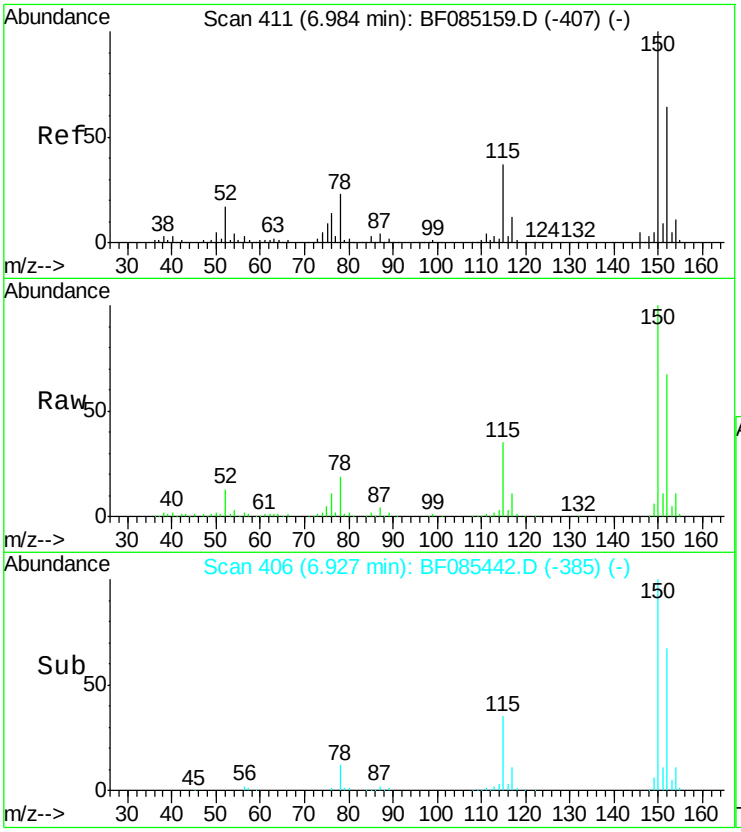
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085442.D
Acq On : 14 Mar 2016 21:26
Operator : UM/SJ
Sample : H1722-08RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Quant Time: Mar 15 01:02:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



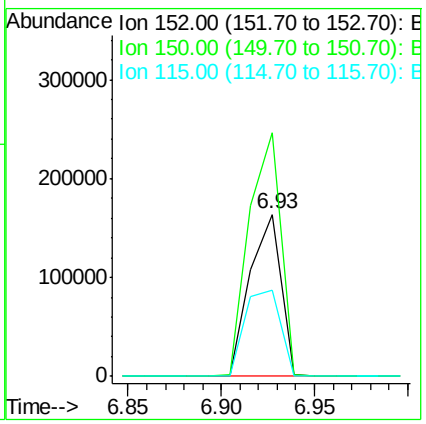


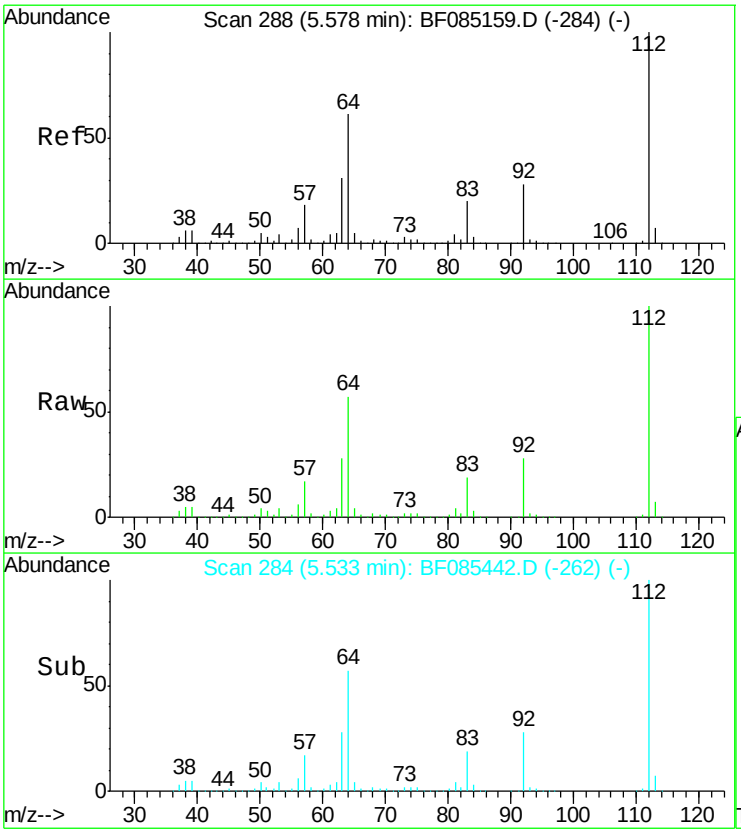
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:152 Resp: 187933

Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.6	186.8
115	52.9	46.6	70.0

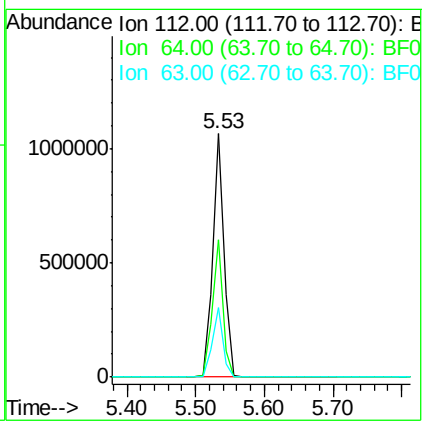


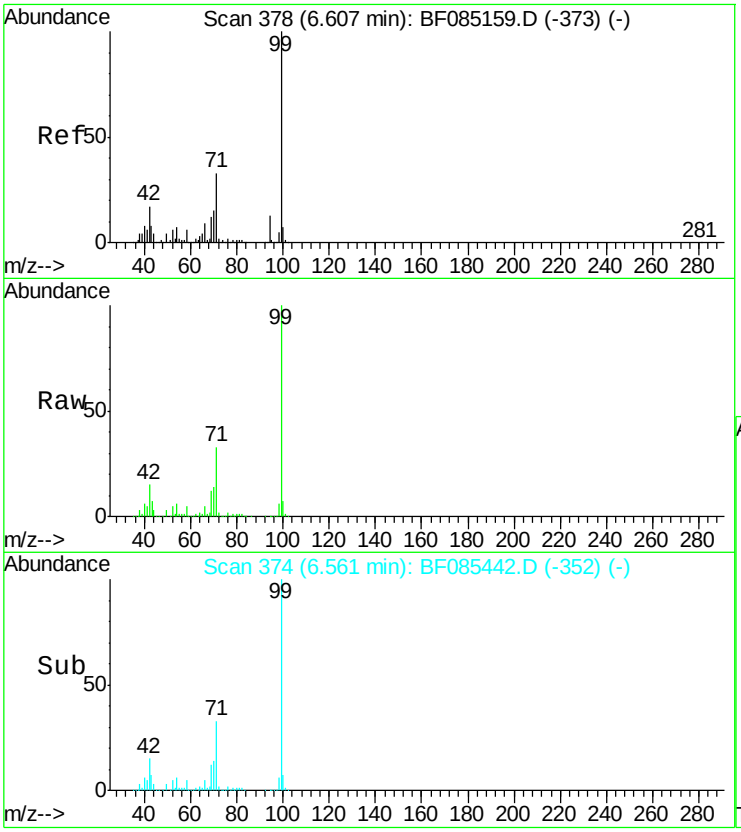


#5
2-Fluorophenol
Concen: 110.67 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:112 Resp: 1239961

Ion	Ratio	Lower	Upper
112	100		
64	56.6	49.0	73.4
63	28.5	24.8	37.2



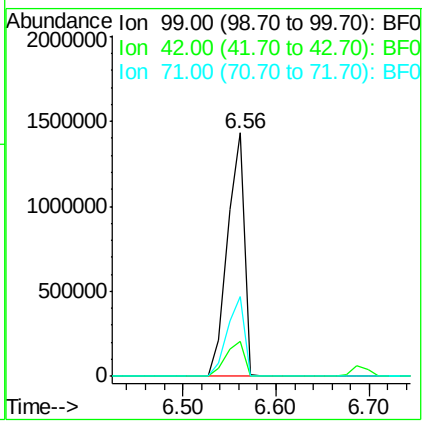


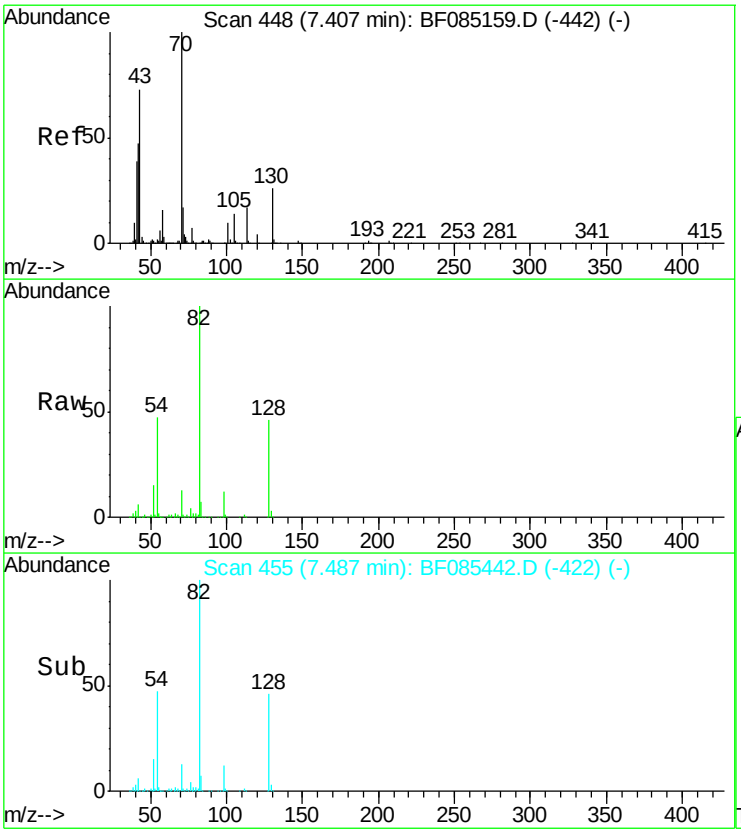
#7
Phenol-d6
Concen: 124.07 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion: 99 Resp: 1821152

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.6	20.4
71	32.6	26.7	40.1

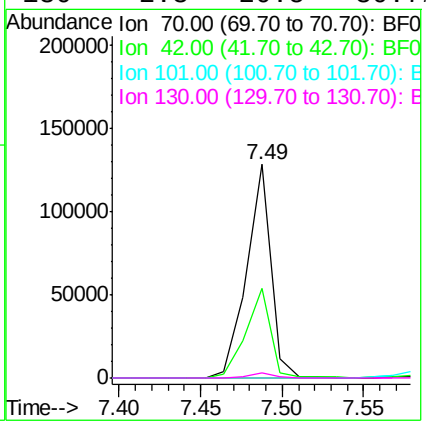


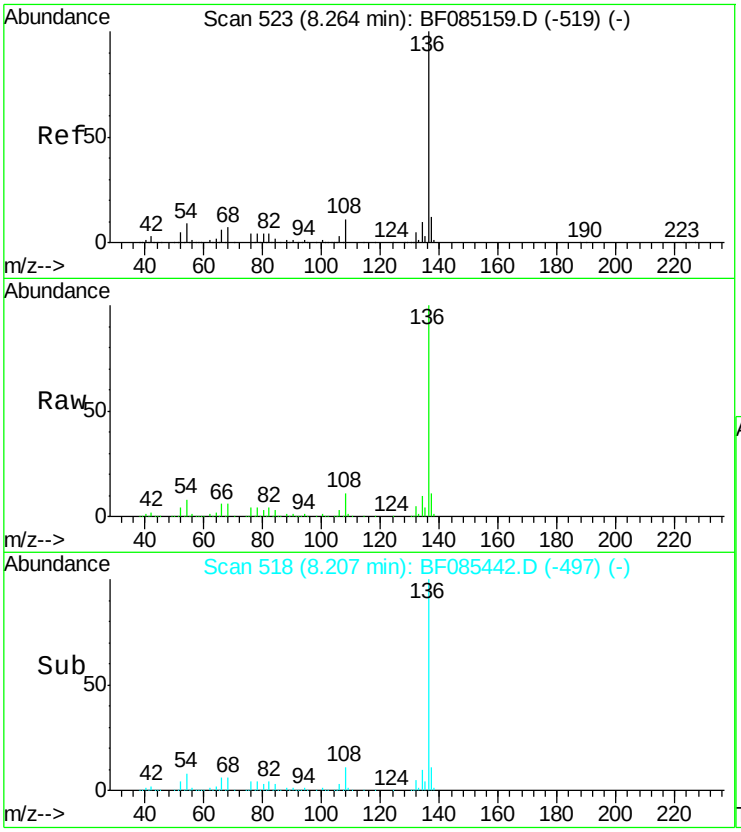


#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 7.49 min Scan# 455
Delta R.T. 0.08 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion: 70 Resp: 132117

Ion	Ratio	Lower	Upper
70	100		
42	42.2	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#



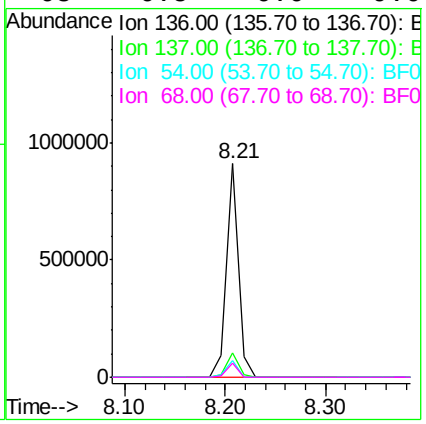


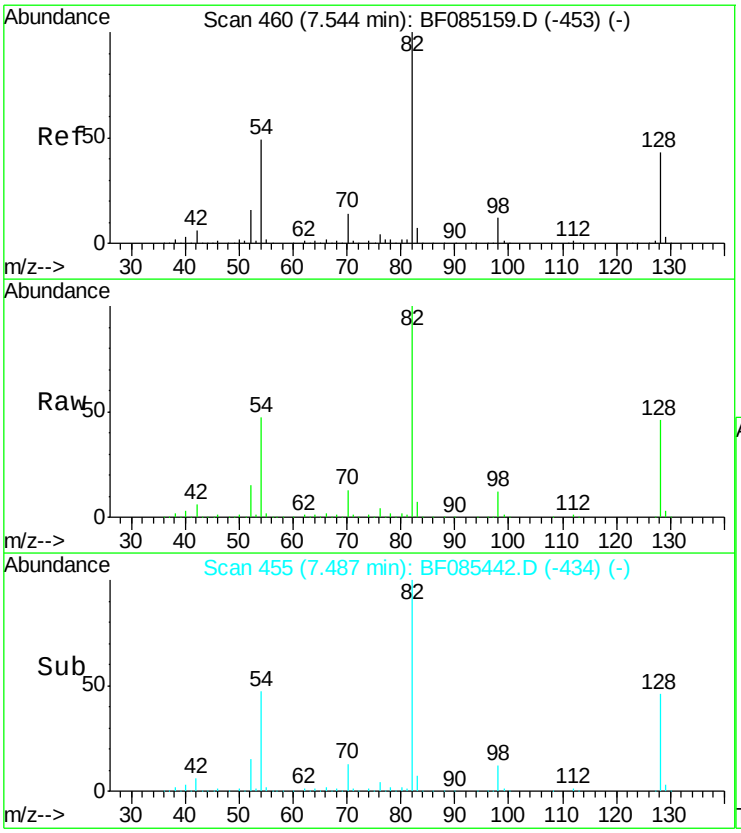
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:136 Resp: 751432

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.6	7.4	11.2
68	6.5	6.0	9.0

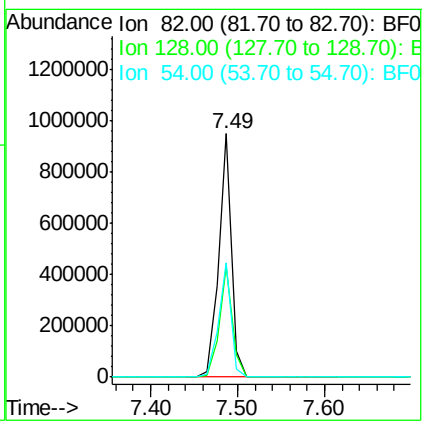


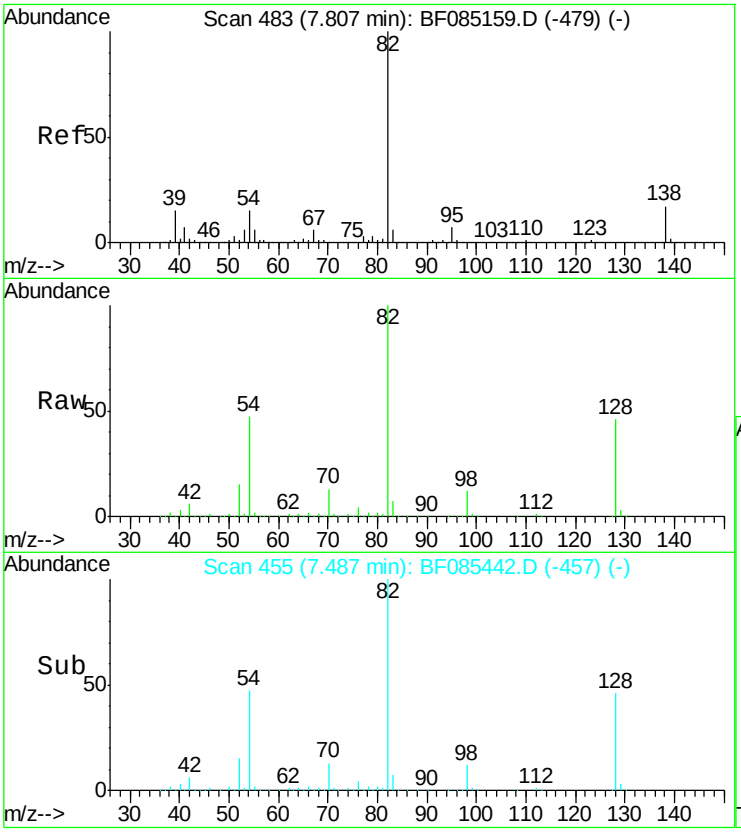


#23
Nitrobenzene-d5
Concen: 70.14 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion: 82 Resp: 984953

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.5	51.7
54	47.0	39.3	58.9



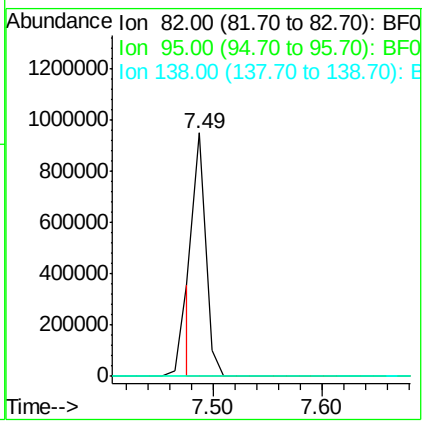


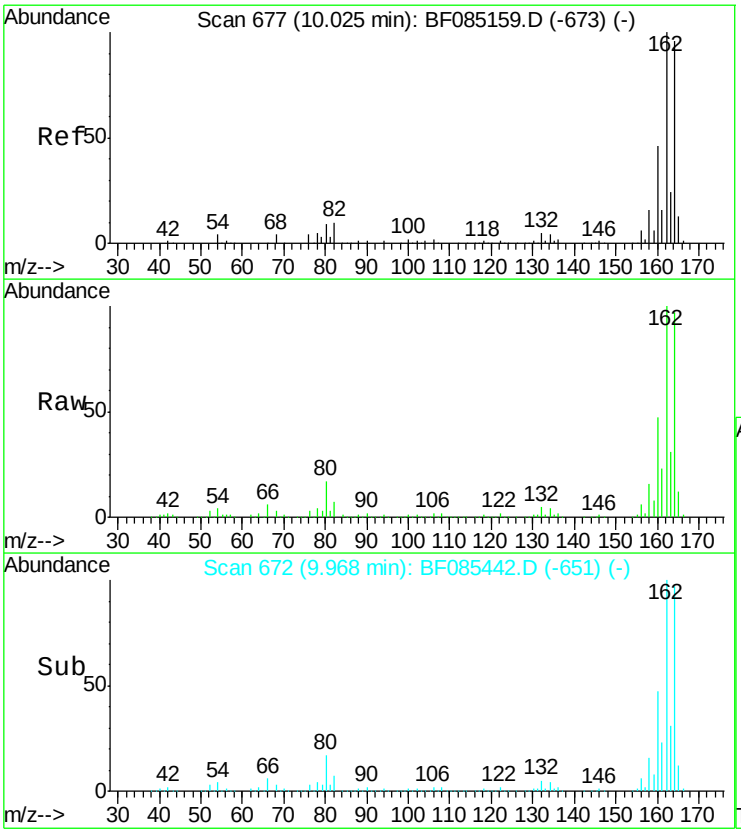
#25
Isophorone
Concen: 27.80 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.32 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion: 82 Resp: 723385

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#

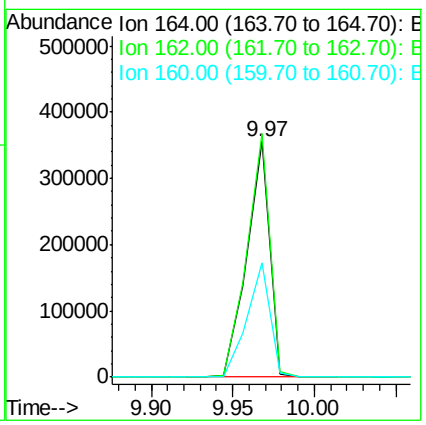


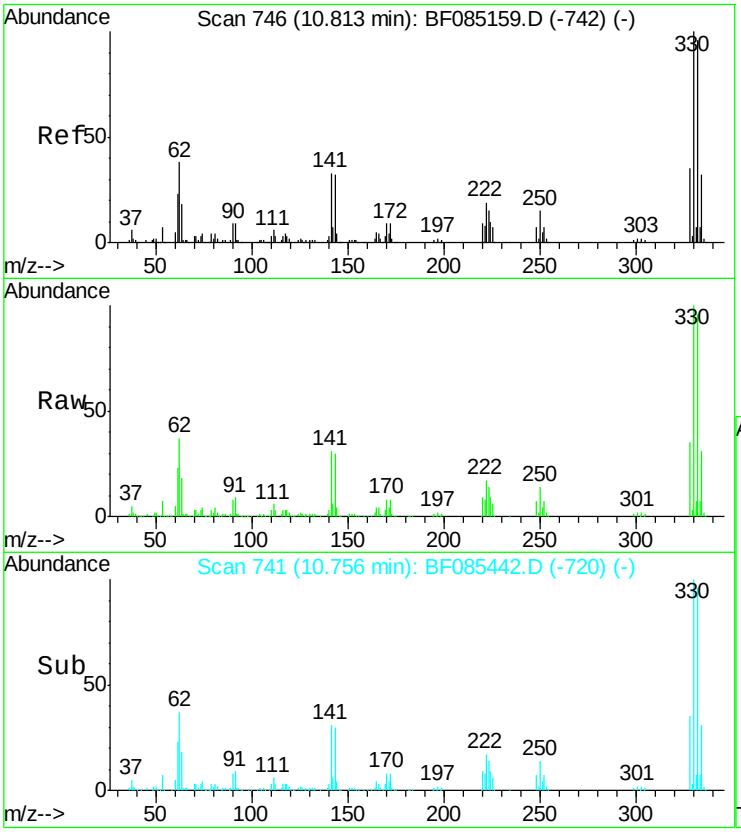


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:164 Resp: 343422

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.3	124.9
160	48.6	37.9	56.9



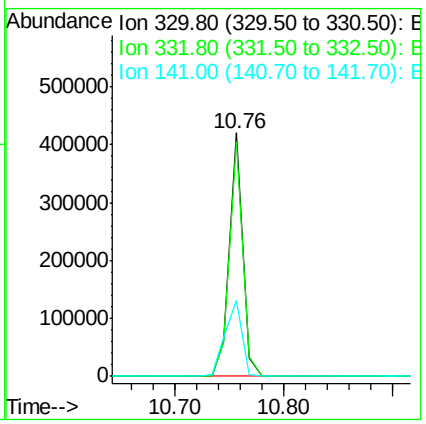


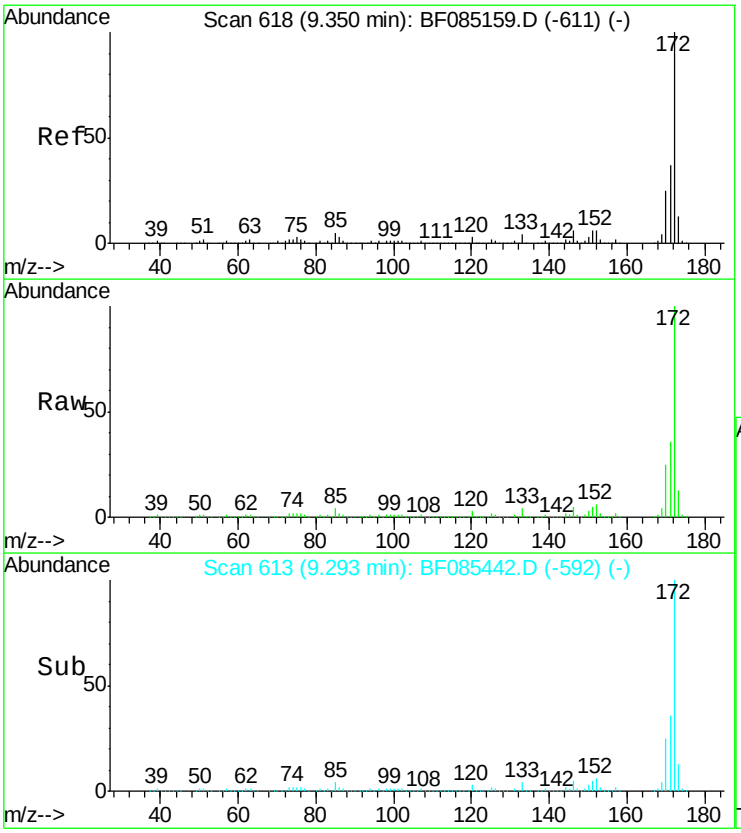
#41
2,4,6-Tribromophenol
Concen: 120.62 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:330 Resp: 354441

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	40.0	35.0	52.6

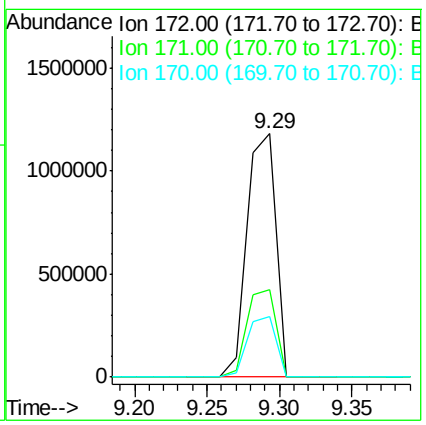


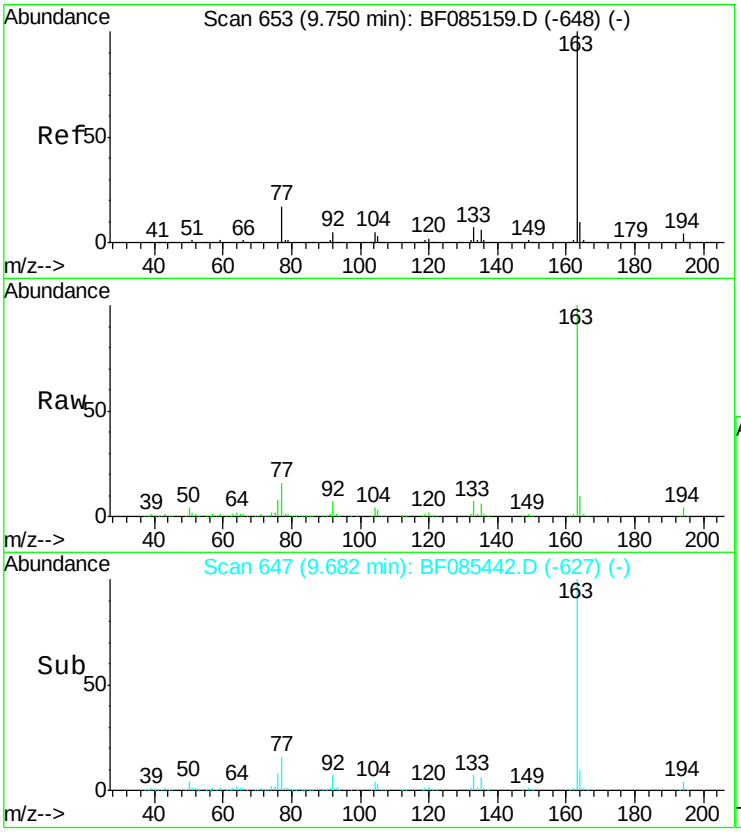


#44
2-Fluorobiphenyl
Concen: 72.10 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:172 Resp: 1628063

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.8	20.0	30.0



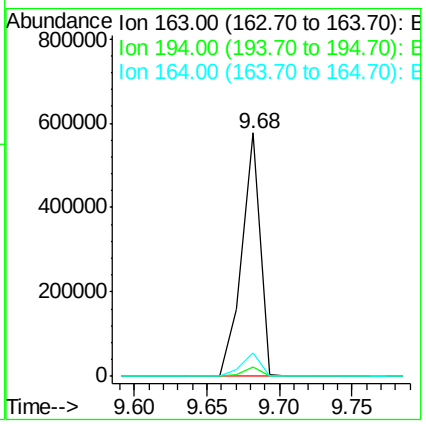


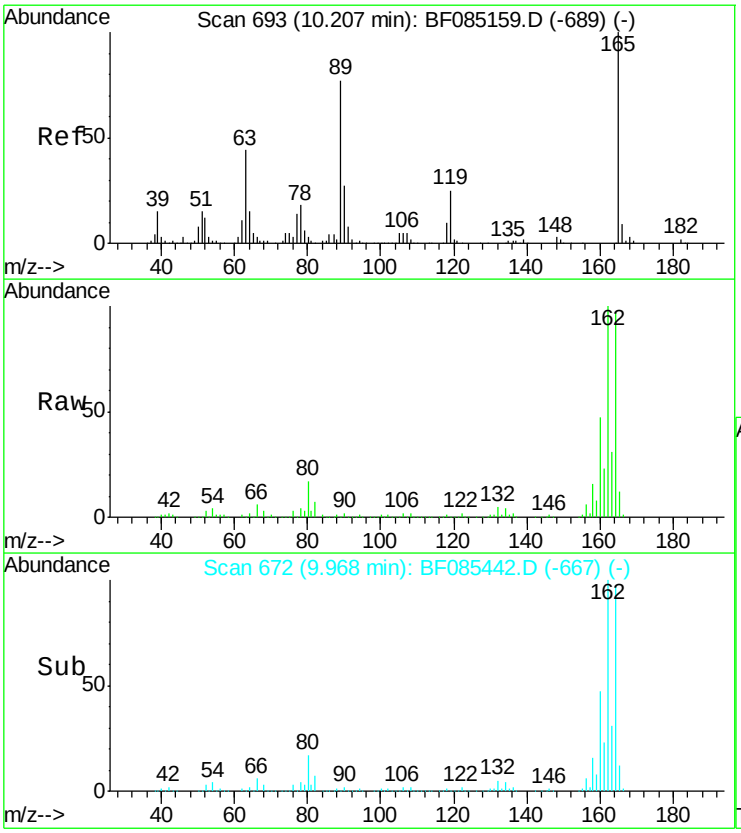
#49
Dimethylphthalate
Concen: 19.33 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:163 Resp: 509444

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.8	8.2	12.4

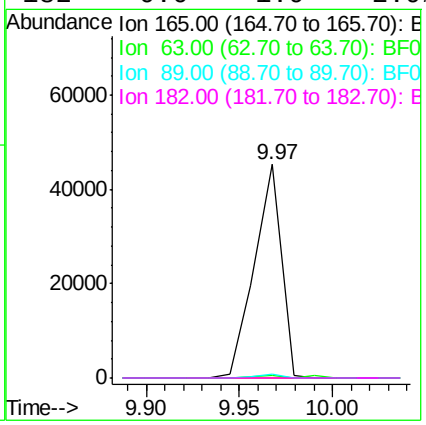


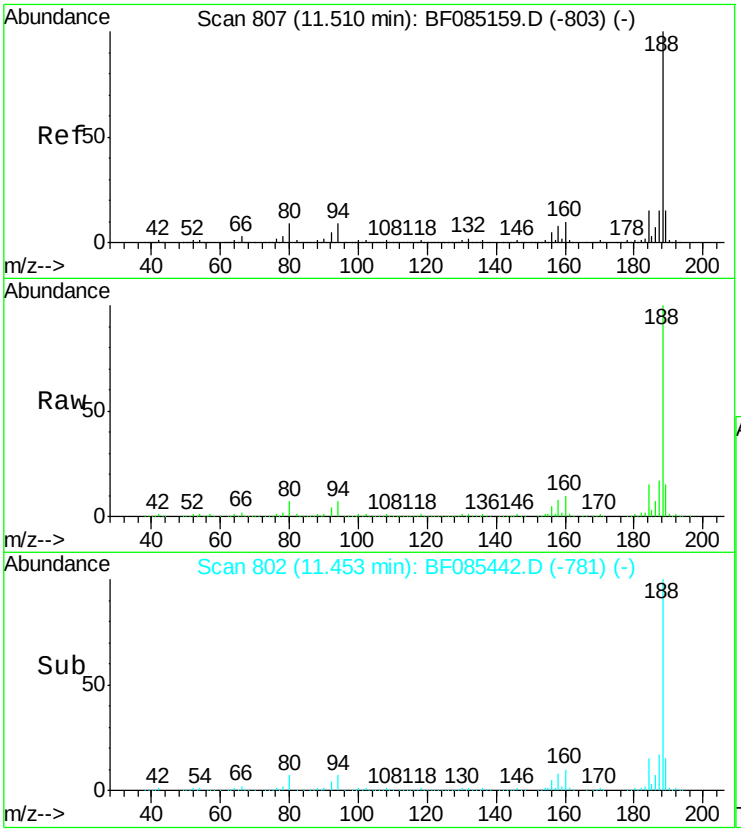


#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:165 Resp: 45331

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#



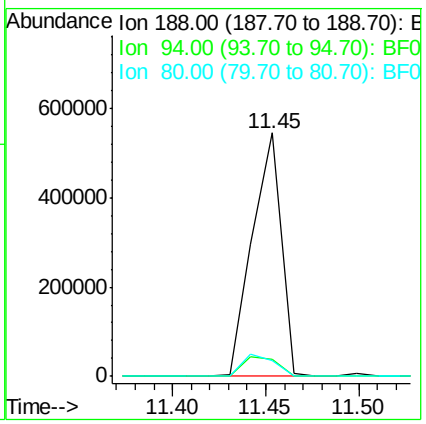


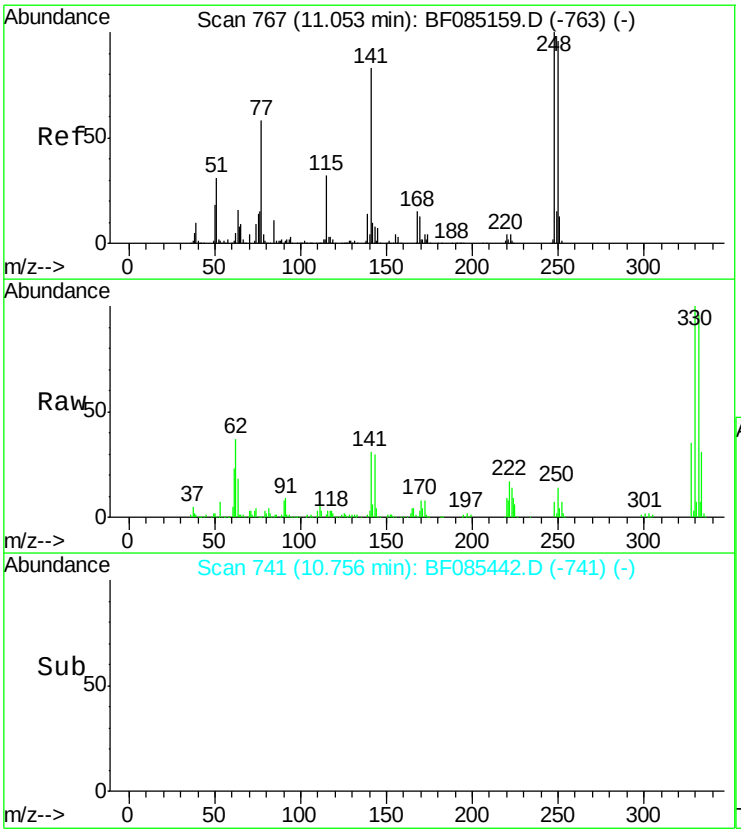
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:188 Resp: 584641

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.0	10.6#
80	6.6	7.4	11.0#

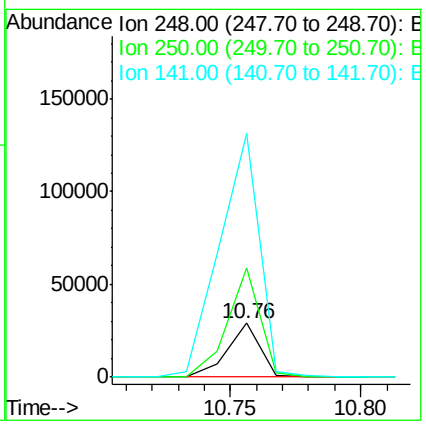


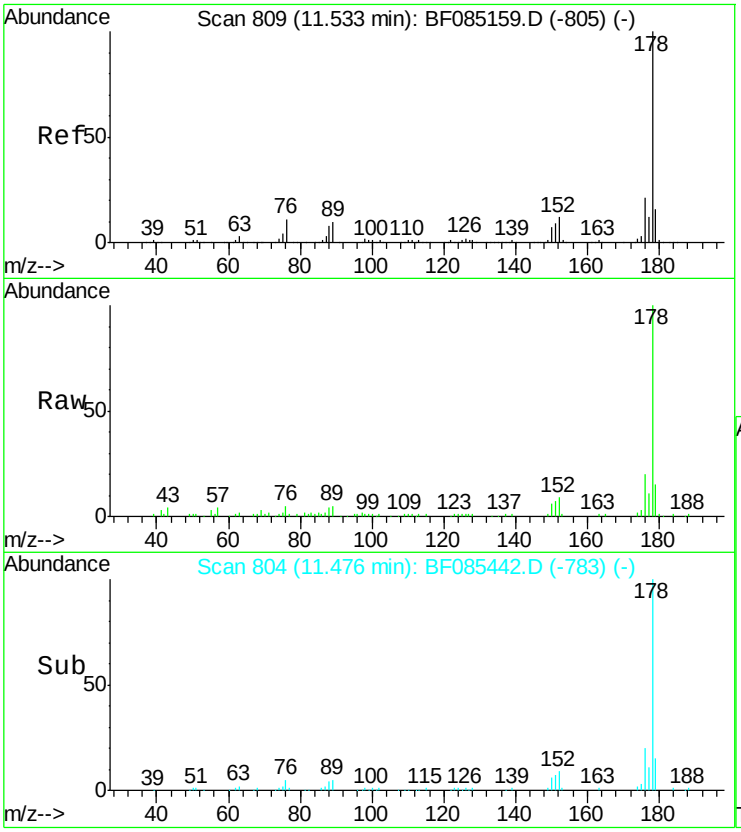


#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.30 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:248 Resp: 25234

Ion	Ratio	Lower	Upper
248	100		
250	203.1	77.1	115.7#
141	452.5	66.2	99.2#



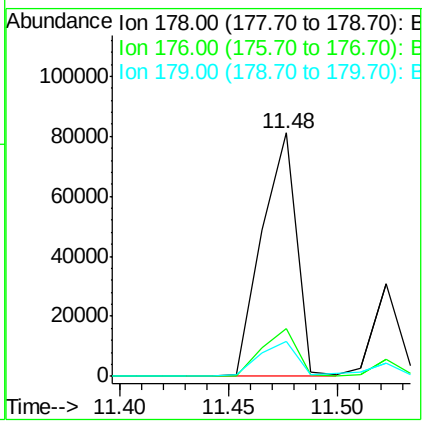


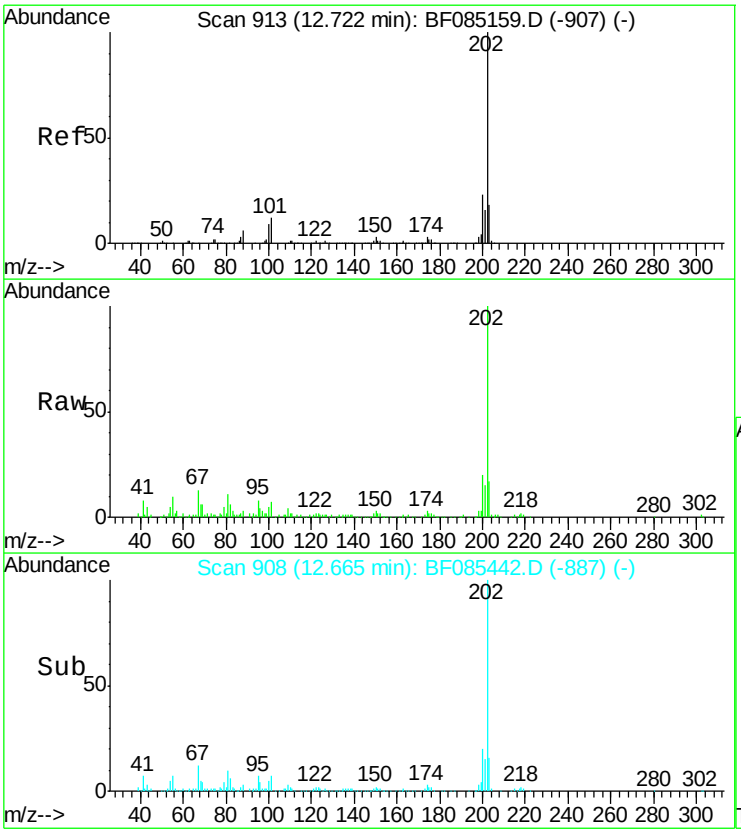
#70
Phenanthrene
Concen: 2.96 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:178 Resp: 90778

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.8	25.2
179	14.6	13.1	19.7

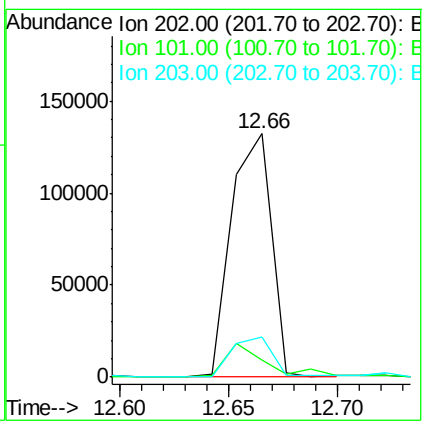


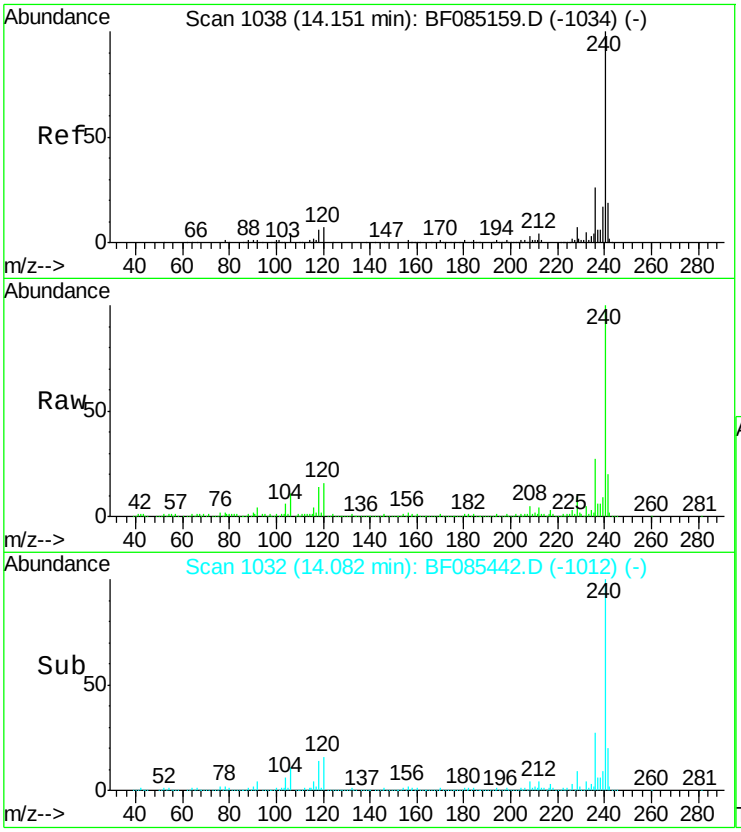


#74
Fluoranthene
Concen: 5.52 ng
RT: 12.66 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:202 Resp: 169675

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	31.8
203	16.5	0.0	38.4



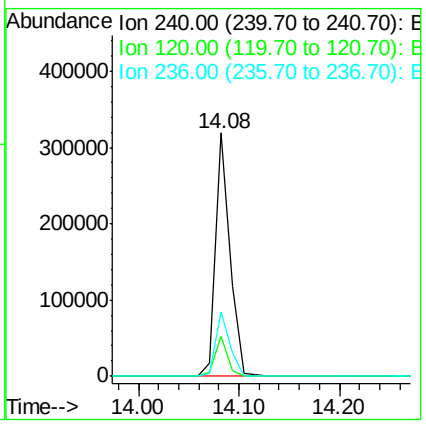


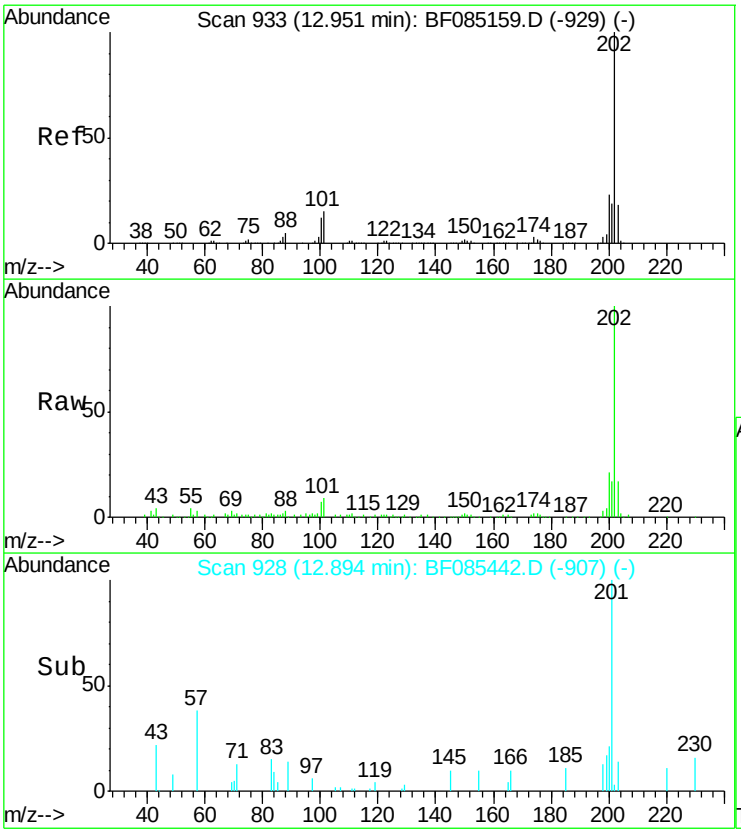
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:240 Resp: 317891

Ion	Ratio	Lower	Upper
240	100		
120	16.2	5.3	7.9#
236	26.6	20.7	31.1

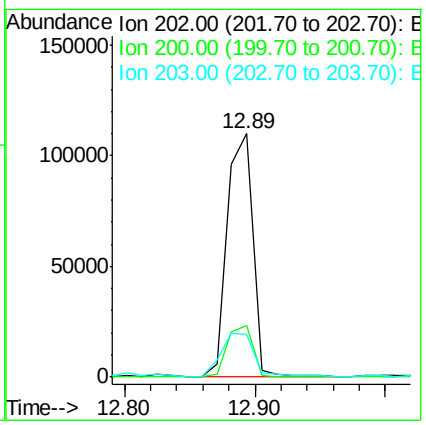


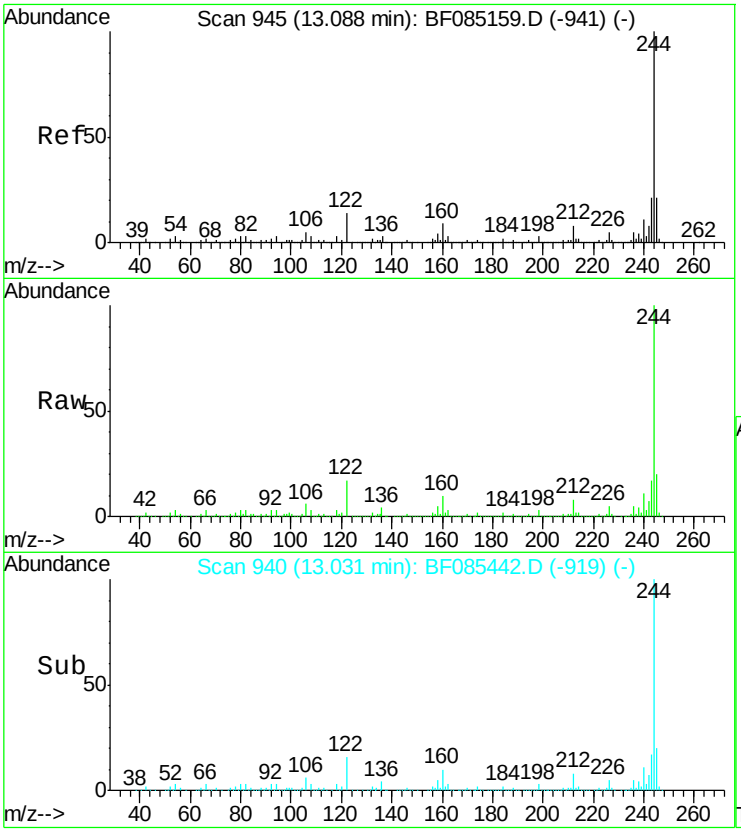


#77
Pyrene
Concen: 6.27 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:202 Resp: 150059

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.4
203	17.3	14.7	22.1



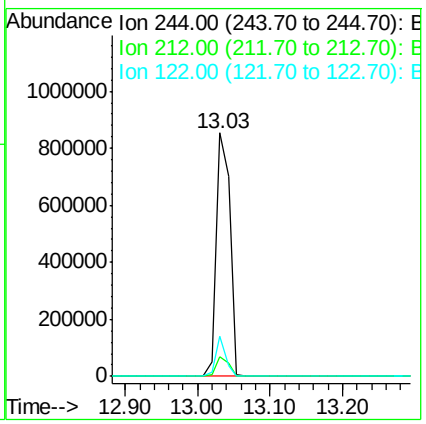


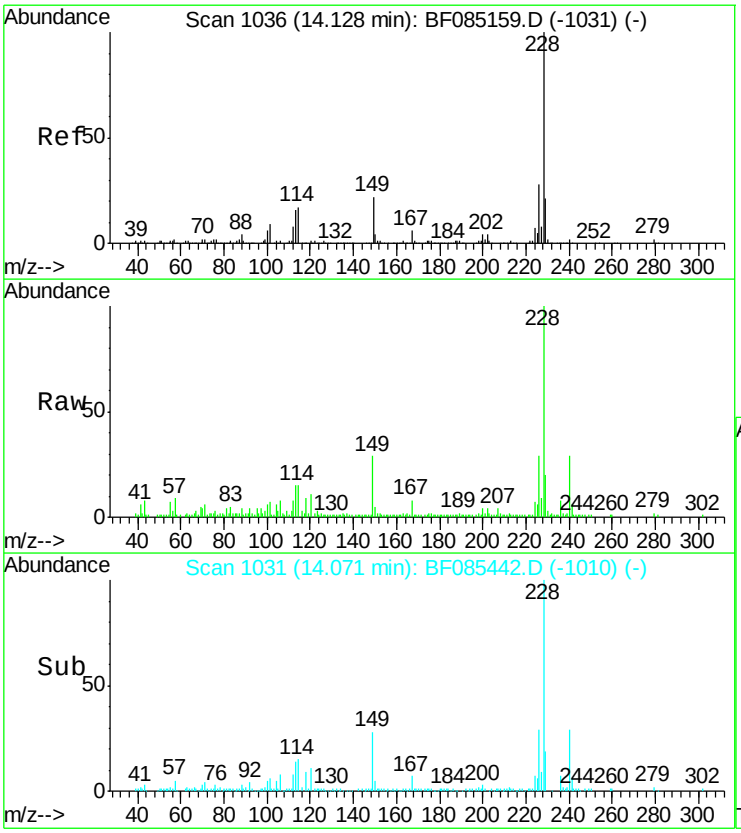
#78
Terphenyl-d14
Concen: 81.02 ng
RT: 13.03 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:244 Resp: 1109437

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	16.5	11.4	17.2

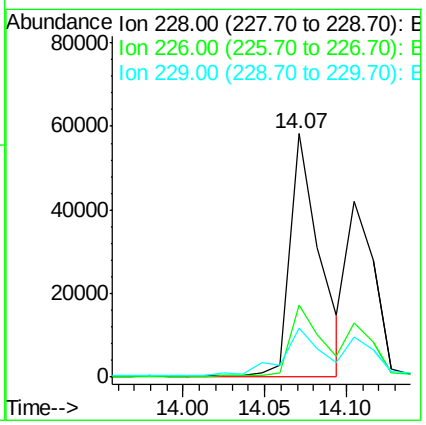


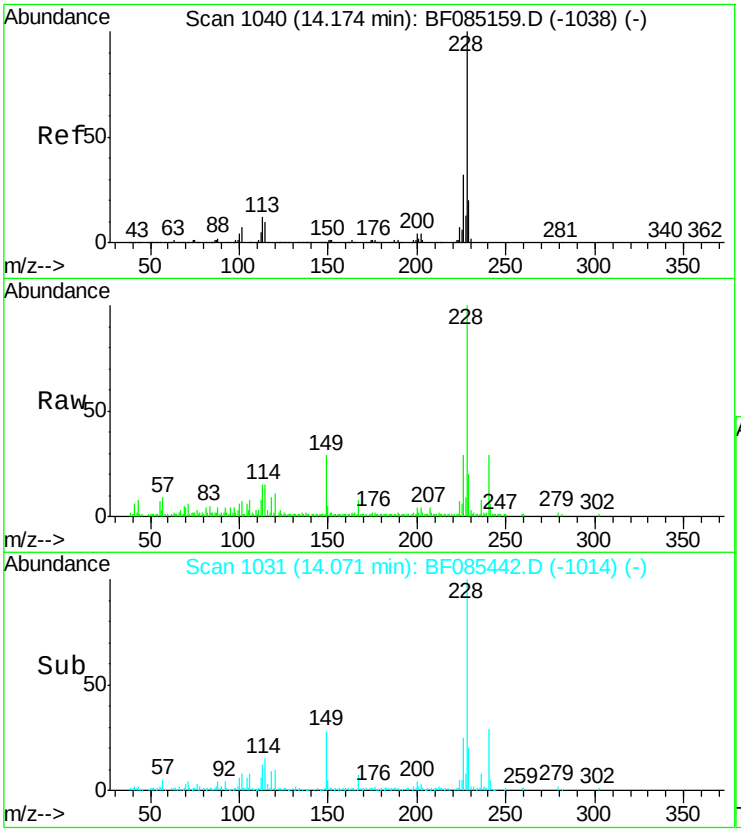


#80
Benzo(a)anthracene
Concen: 3.94 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:228 Resp: 74930

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	20.4	16.6	24.8



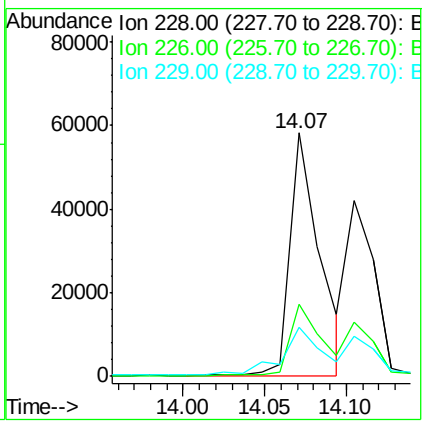


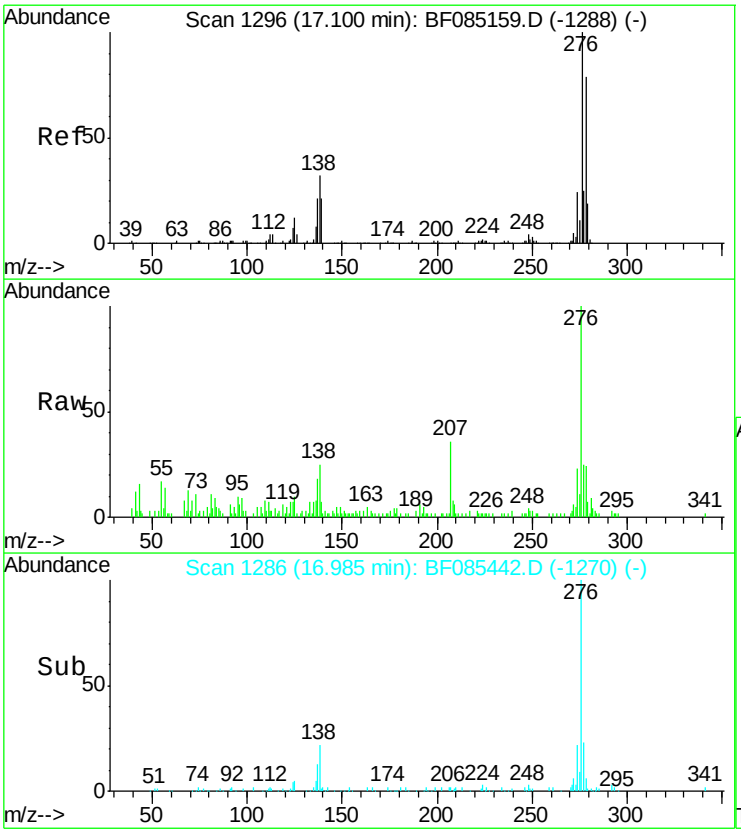
#82
Chrysene
Concen: 4.26 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.10 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:228 Resp: 74930

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.2	37.8
229	20.4	16.0	24.0

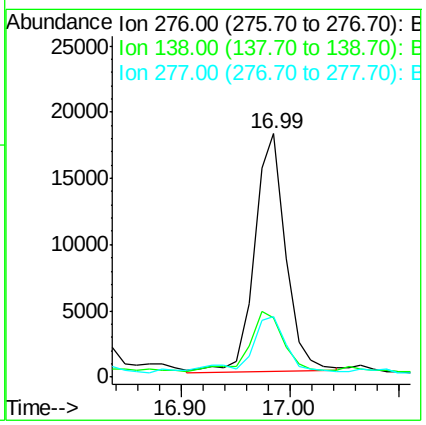


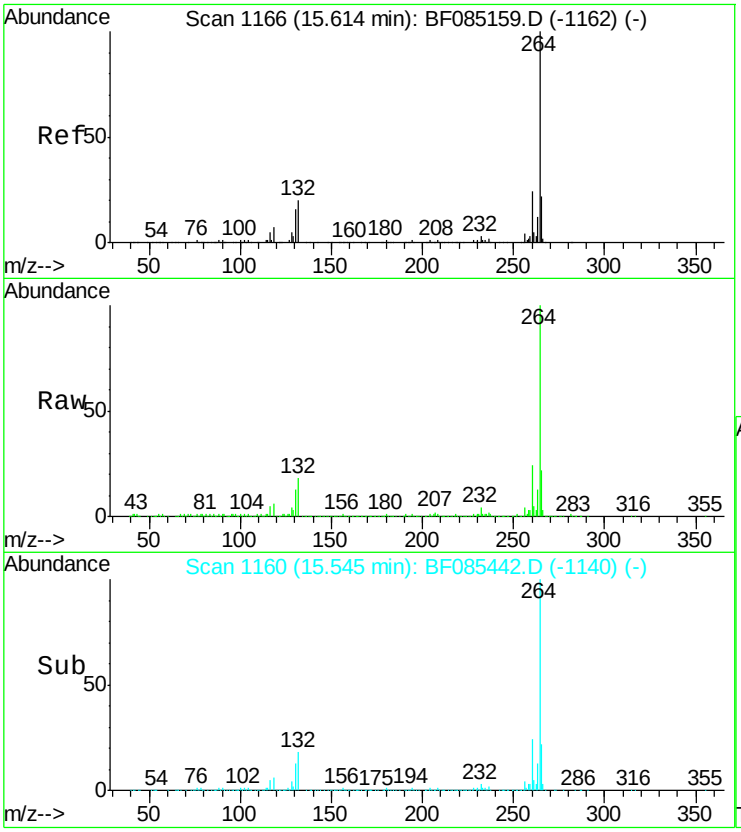


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 16.99 min Scan# 1286
Delta R.T. -0.11 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:276 Resp: 35778

Ion	Ratio	Lower	Upper
276	100		
138	29.5	26.4	39.6
277	34.6	20.2	30.2#



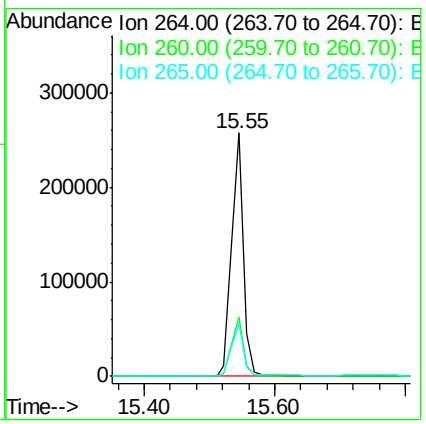


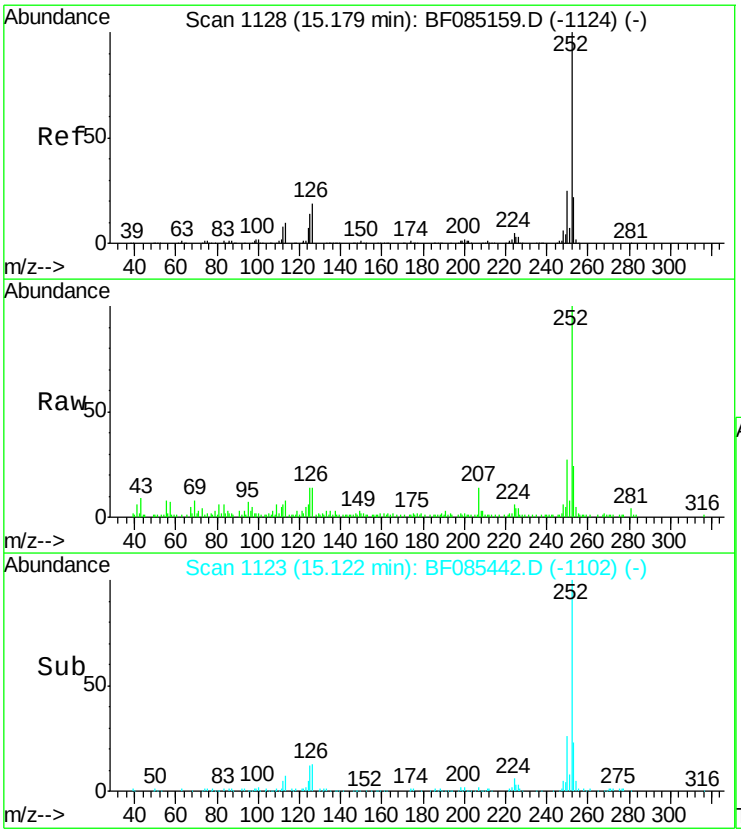
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:264 Resp: 319502

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.3	25.9

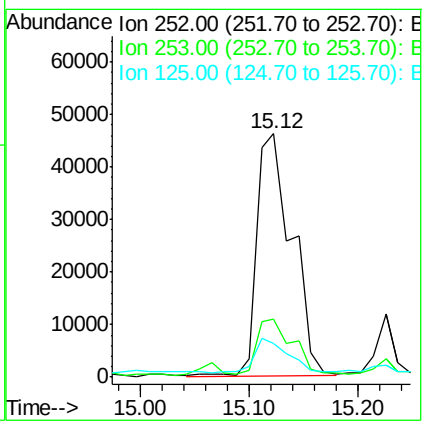


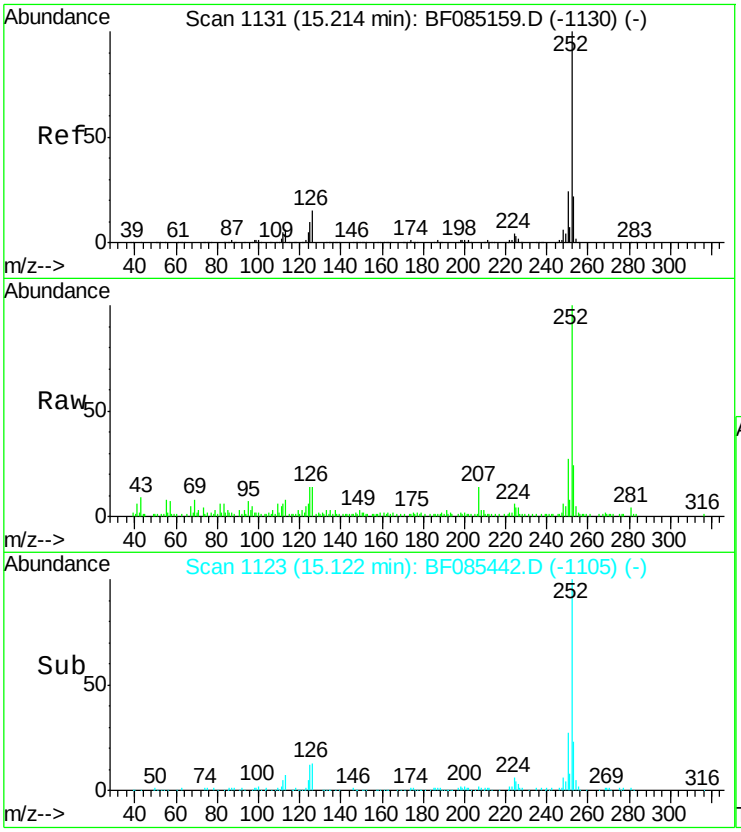


#87
Benzo(b)fluoranthene
Concen: 4.90 ng
RT: 15.12 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:252 Resp: 104272

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	13.6	11.3	16.9



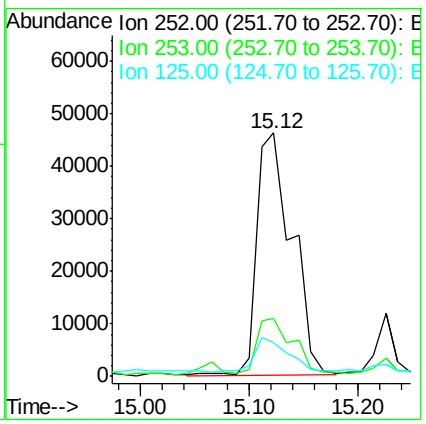


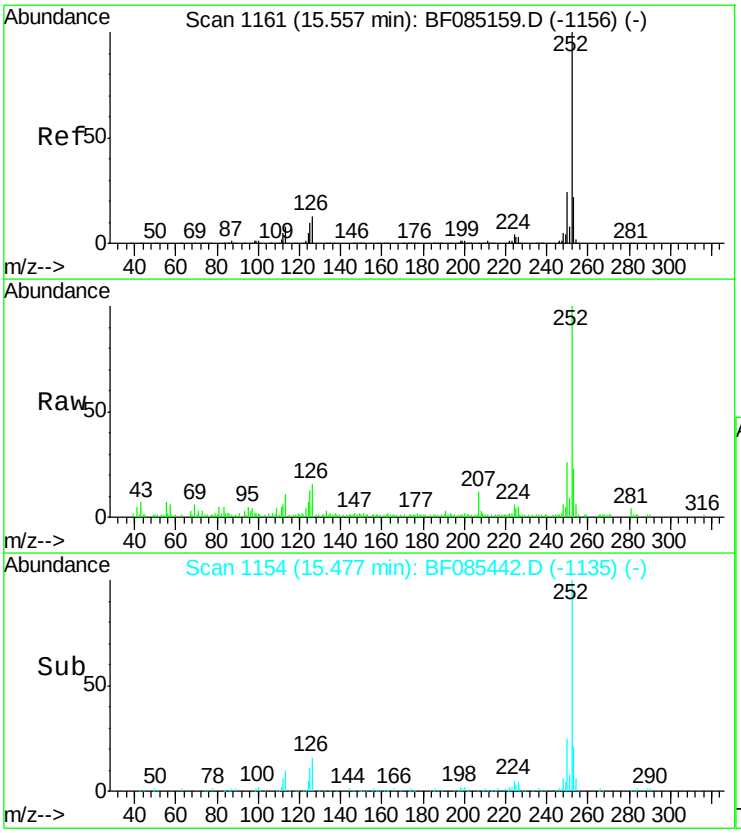
#88
Benzo(k)fluoranthene
Concen: 6.07 ng
RT: 15.12 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:252 Resp: 104272

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	13.6	10.4	15.6

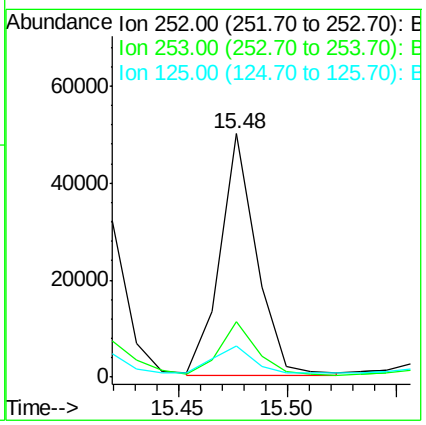


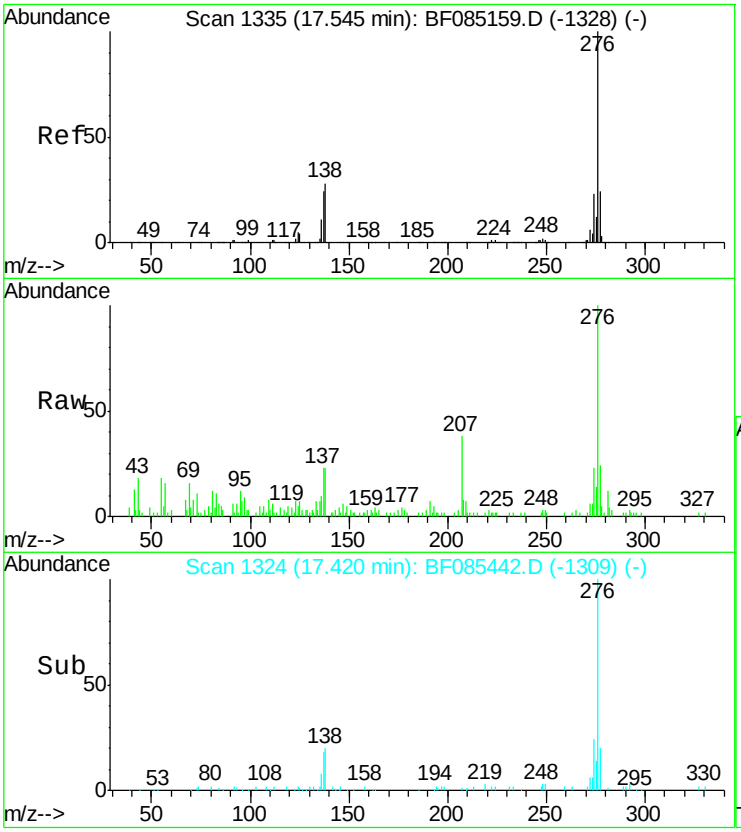


#89
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Tgt Ion:252 Resp: 57378

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.6	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 17.42 min Scan# 1324
Delta R.T. -0.13 min
Lab File: BF085442.D
Acq: 14 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

Tgt Ion:276 Resp: 38813

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	22.8	22.5	33.7