Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032116\
Data File : BF085662.D
Acq On : 22 Mar 2016 12:12
Operator : UM/SJ
Sample : H1799-11 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 13:10:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	60272	20.00	ng	0.14
21) Naphthalene-d8	8.13	136	473933	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	189103	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	312860	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	226378	20.00	ng	-0.02
86) Perylene-d12	15.42	264	219191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	116444	32.45	ng	-0.02
7) Phenol-d6	6.47	99	144286	31.35	ng	-0.02
23) Nitrobenzene-d5	7.40	82	83990	10.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	20438	11.03	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	172088	11.68	ng	-0.02
78) Terphenyl-d14	12.94	244	107145	11.39	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	2746	Below Cal	#	77
19) n-Nitroso-di-n-propylamine	7.40	70	10342	3.76	ng	# 78
50) 2,6-Dinitrotoluene	9.88	165	24543	8.15	ng	# 18
56) 2,4-Dinitrotoluene	9.88	165	24538	6.22	ng	# 36
70) Phenanthrene	11.38	178	34760	2.11	ng	100
74) Fluoranthene	12.57	202	42611	2.47	ng	90
77) Pyrene	12.80	202	36025	2.22	ng	96
88) Benzo(k)fluoranthene	15.01	252	28336	2.40	ng	# 94

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

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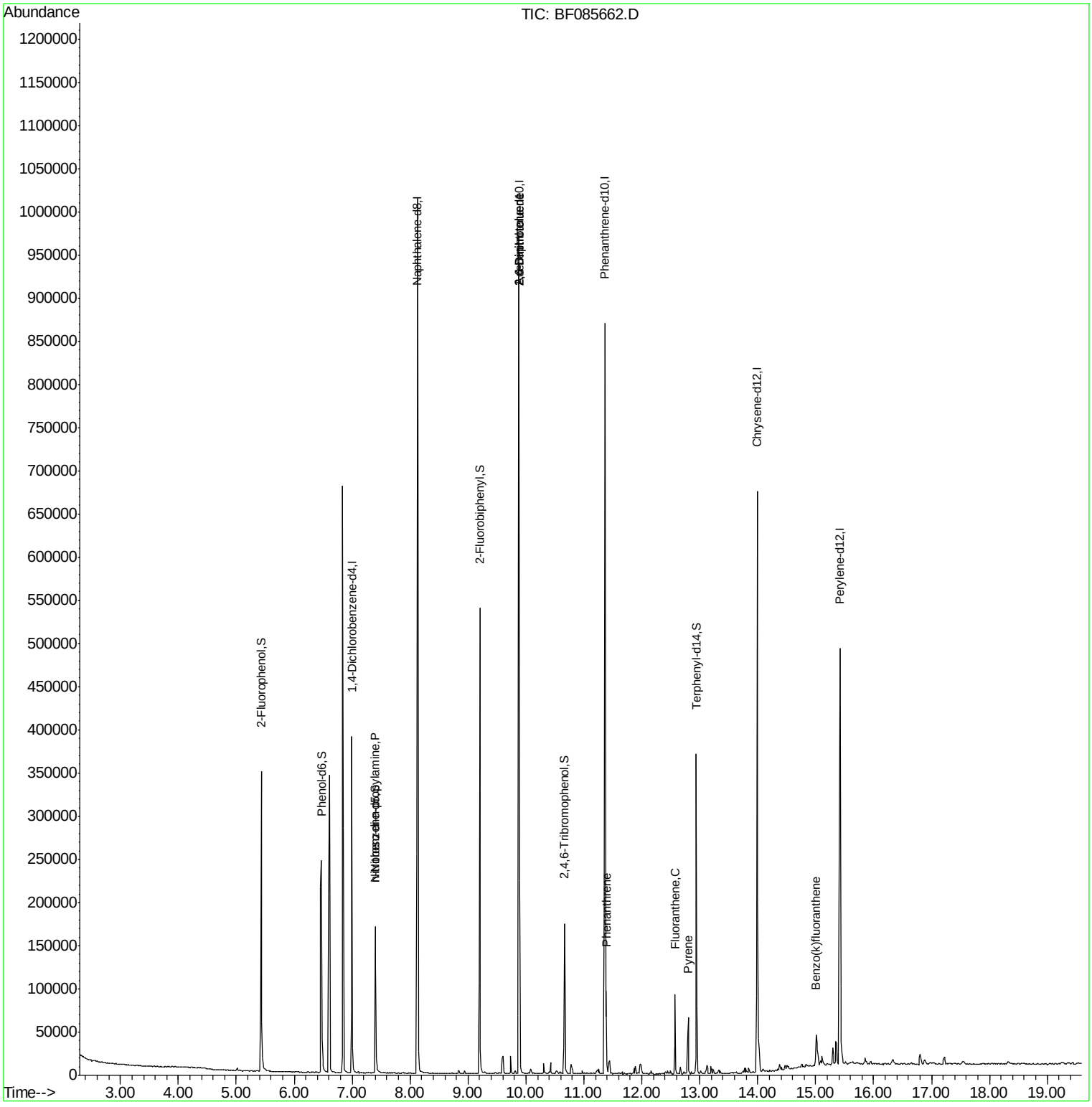
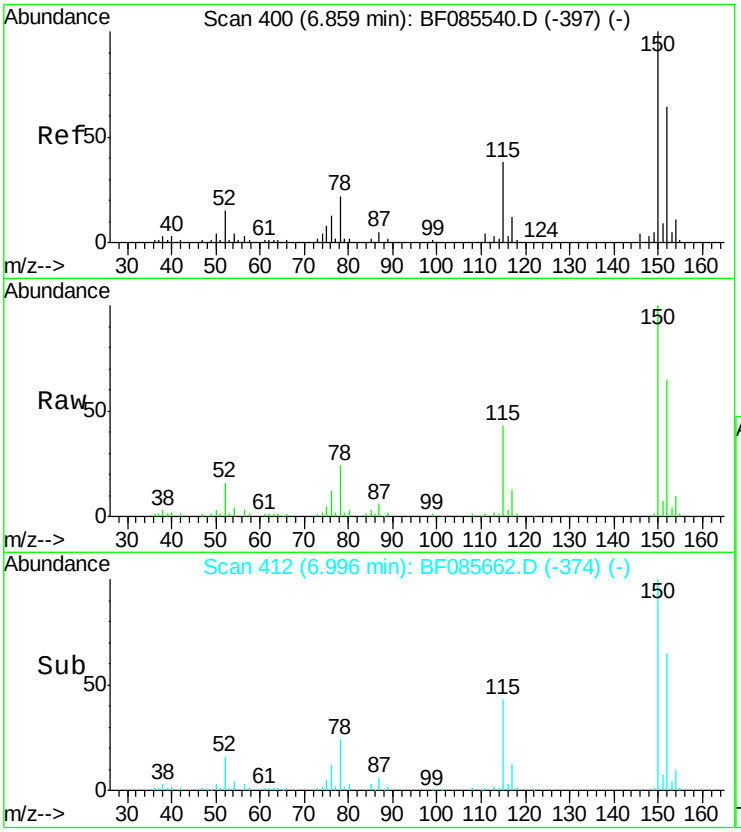


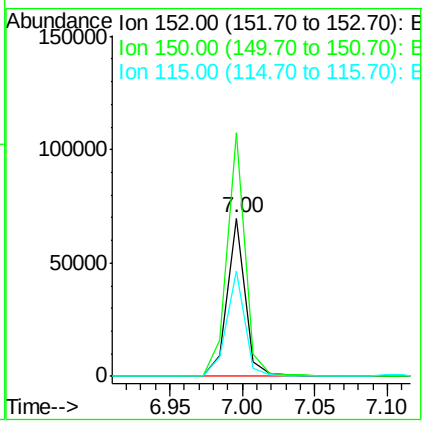


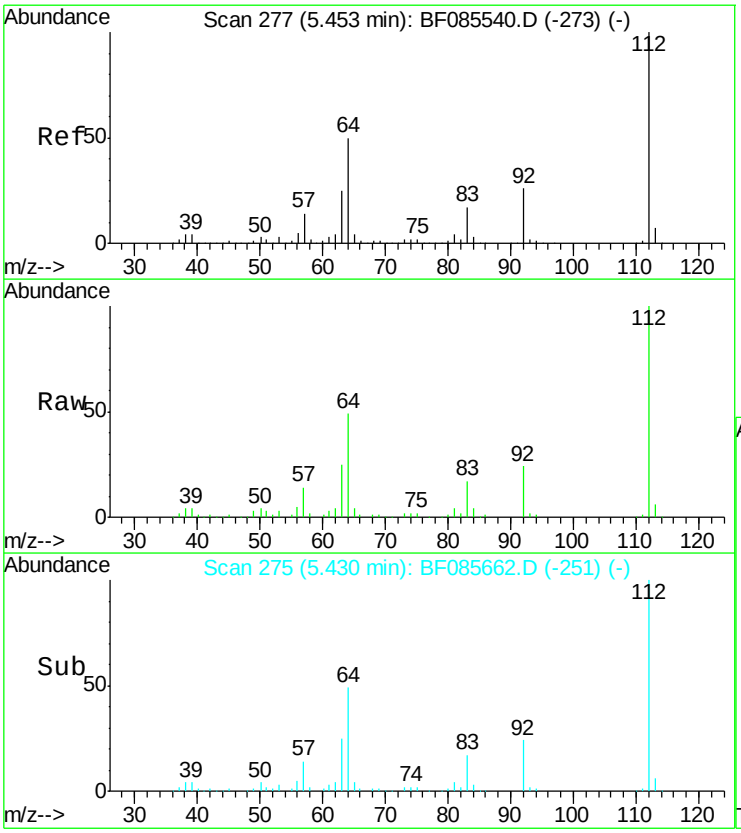
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.14 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60272

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	66.4	47.0	70.6

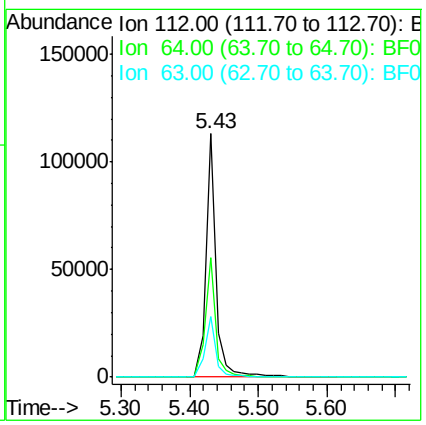


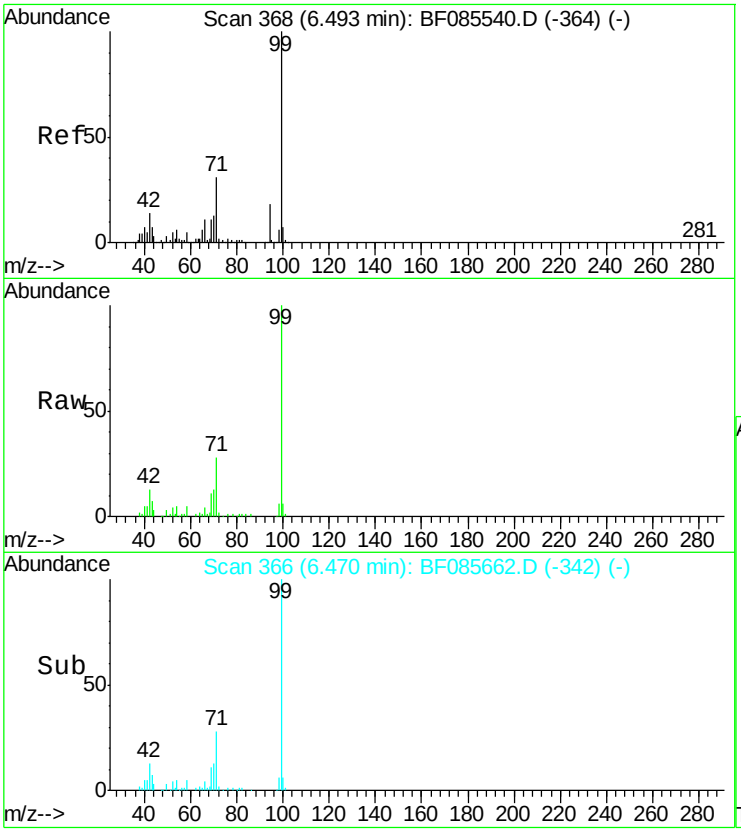


#5
2-Fluorophenol
Concen: 32.45 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:112 Resp: 116444

Ion	Ratio	Lower	Upper
112	100		
64	48.9	39.9	59.9
63	25.1	20.2	30.2



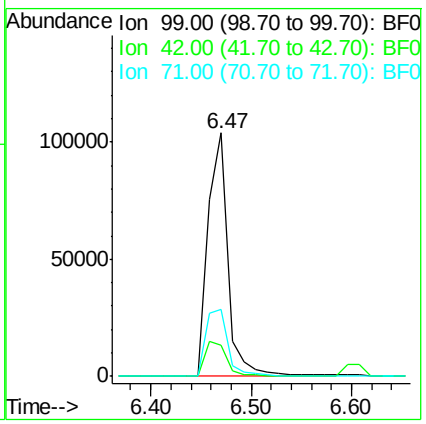


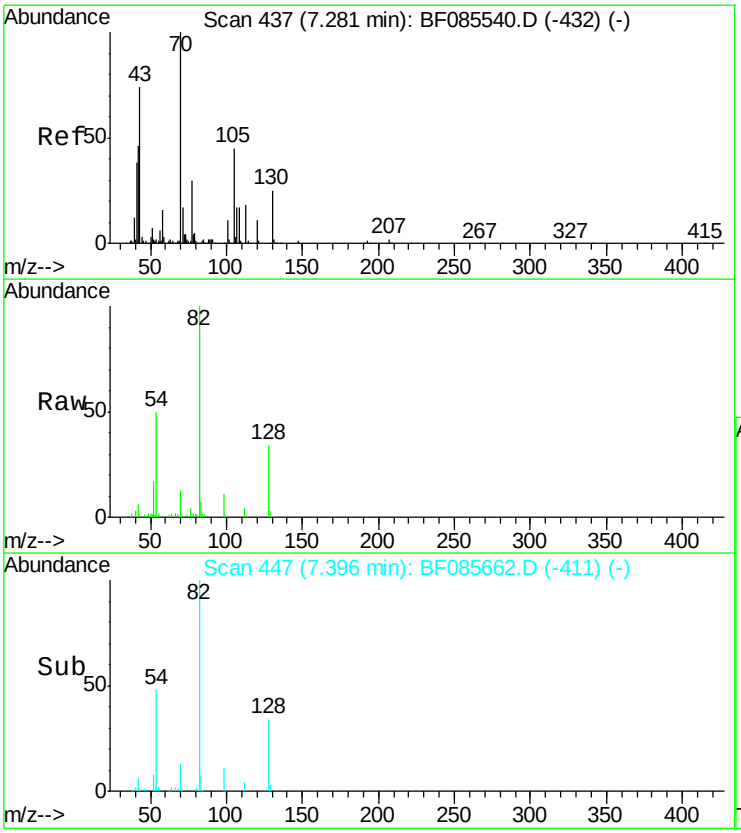
#7
Phenol-d6
Concen: 31.35 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 144286

Ion	Ratio	Lower	Upper
99	100		
42	12.8	11.1	16.7
71	27.7	24.9	37.3

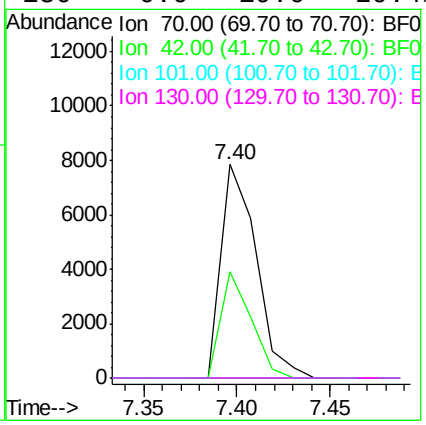


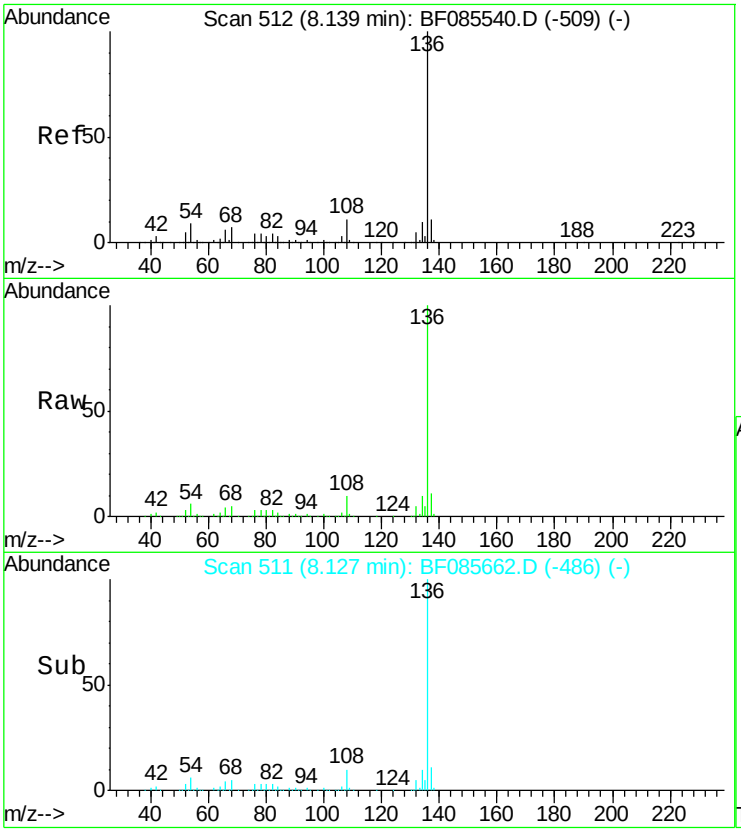


#19
n-Nitroso-di-n-propylamine
Concen: 3.76 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion: 70 Resp: 10342

Ion	Ratio	Lower	Upper
70	100		
42	50.0	37.1	55.7
101	0.0	8.6	12.8#
130	0.0	19.6	29.4#



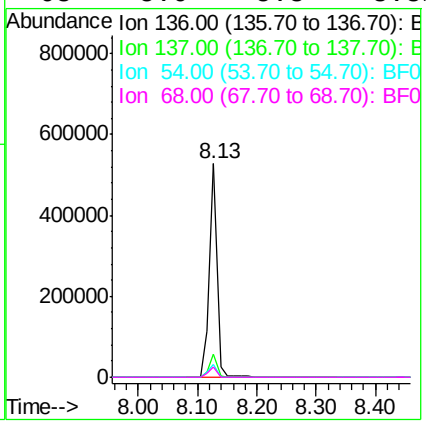


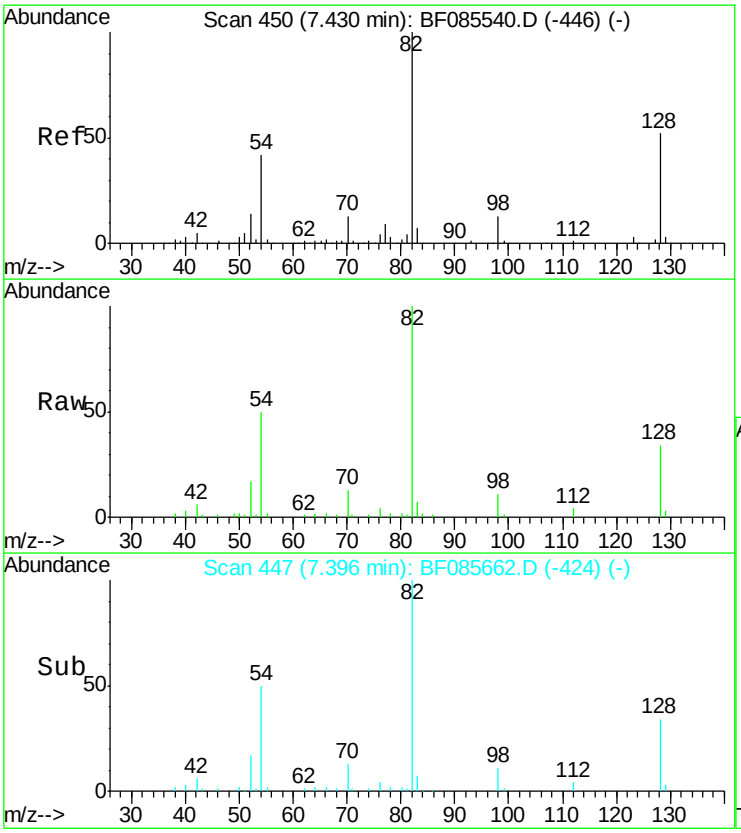
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 473933

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	7.4	11.0#
68	5.0	5.8	8.8#

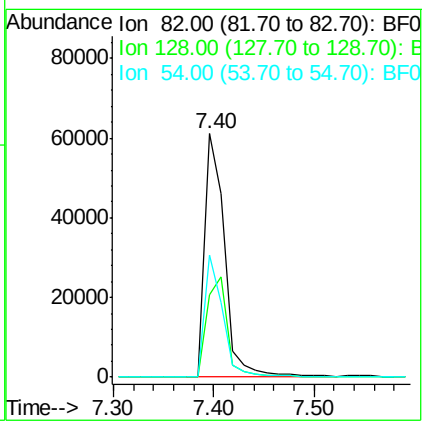


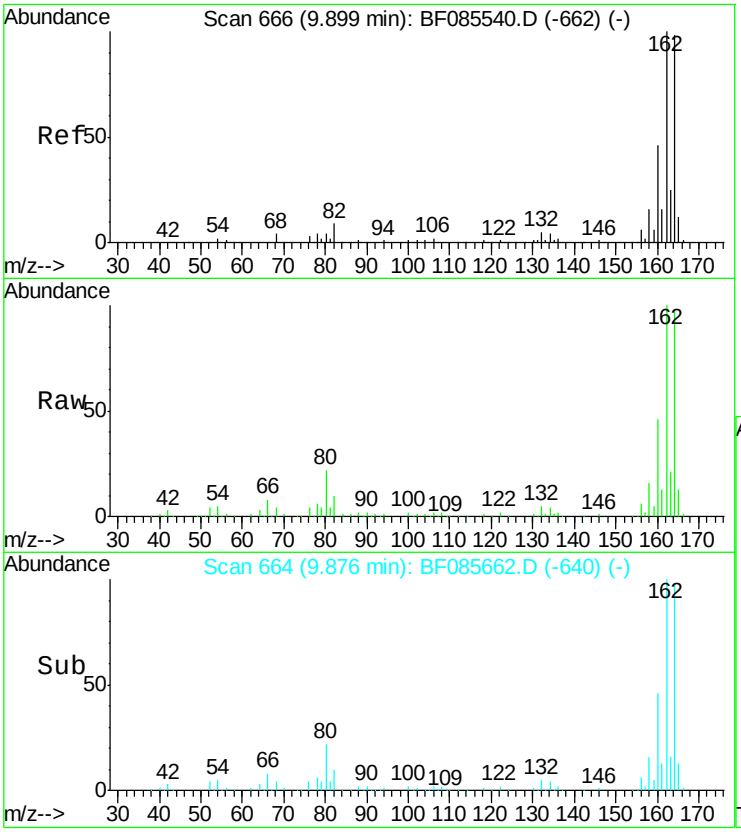


#23
Nitrobenzene-d5
Concen: 10.29 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion: 82 Resp: 83990

Ion	Ratio	Lower	Upper
82	100		
128	33.8	41.8	62.8#
54	50.3	33.4	50.0#



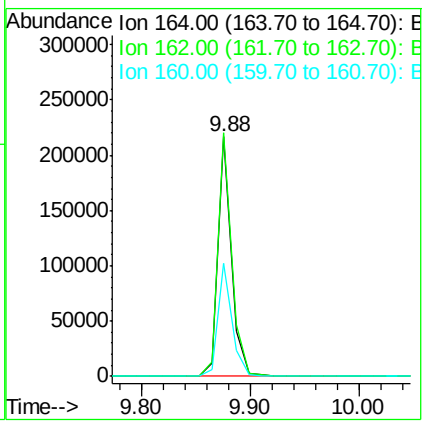


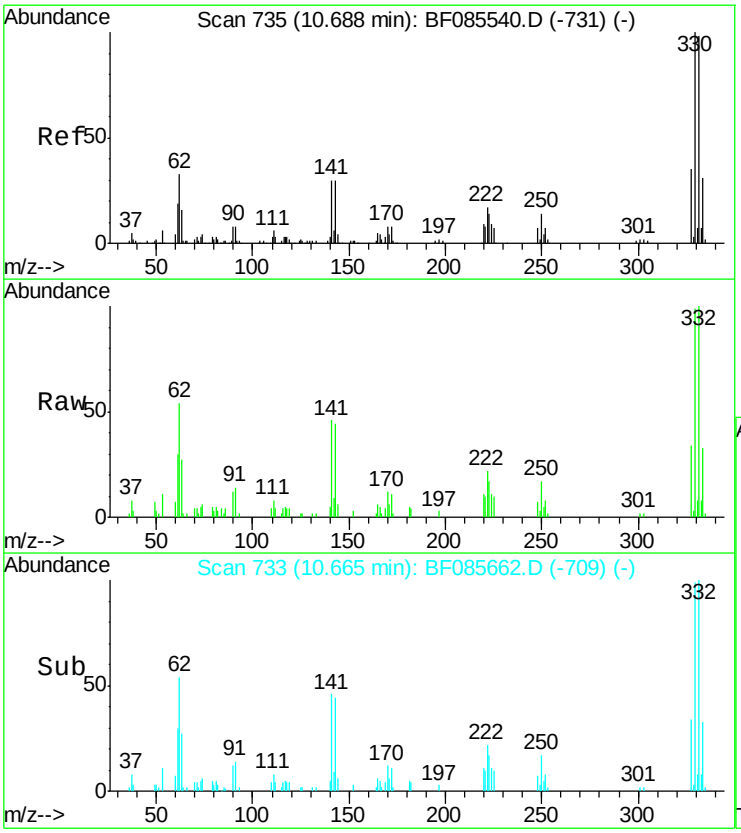
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 189103

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	47.2	37.4	56.2

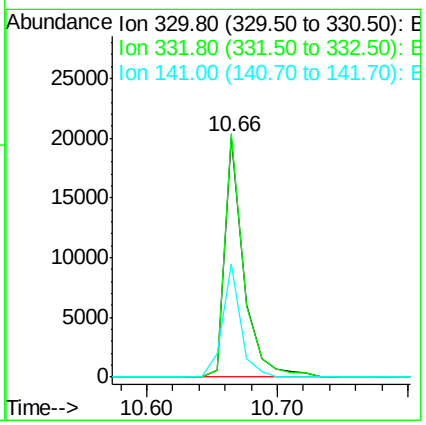


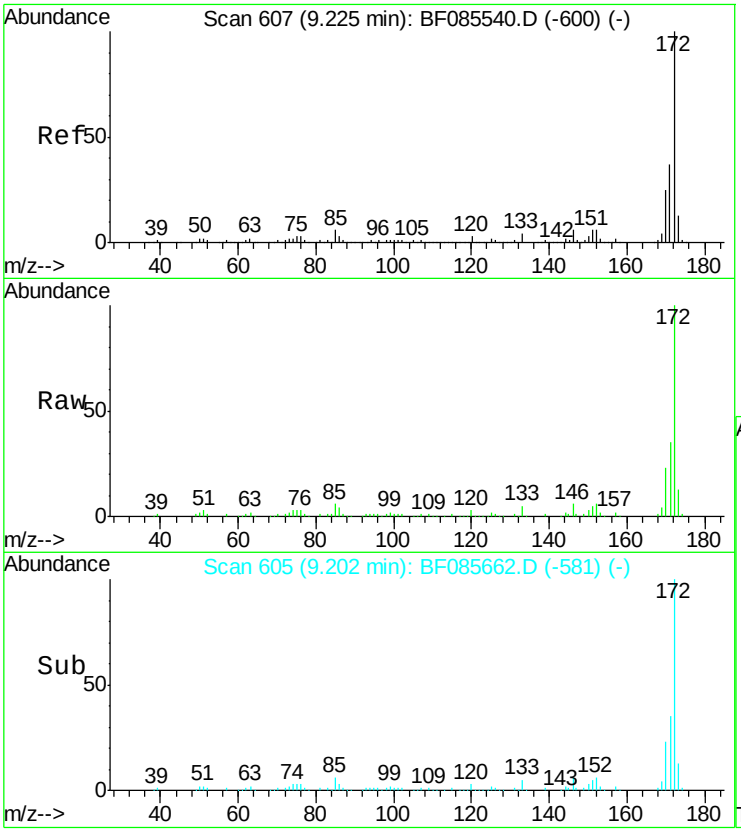


#41
2,4,6-Tribromophenol
Concen: 11.03 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:330 Resp: 20438

Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.2	117.2
141	44.9	31.5	47.3



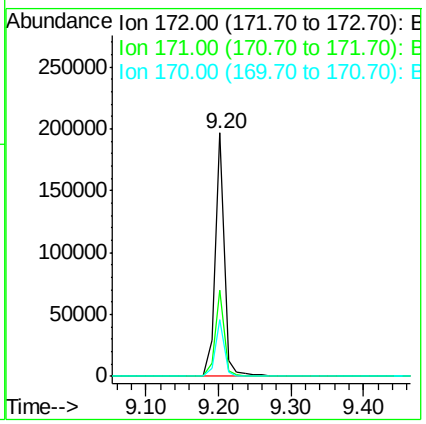


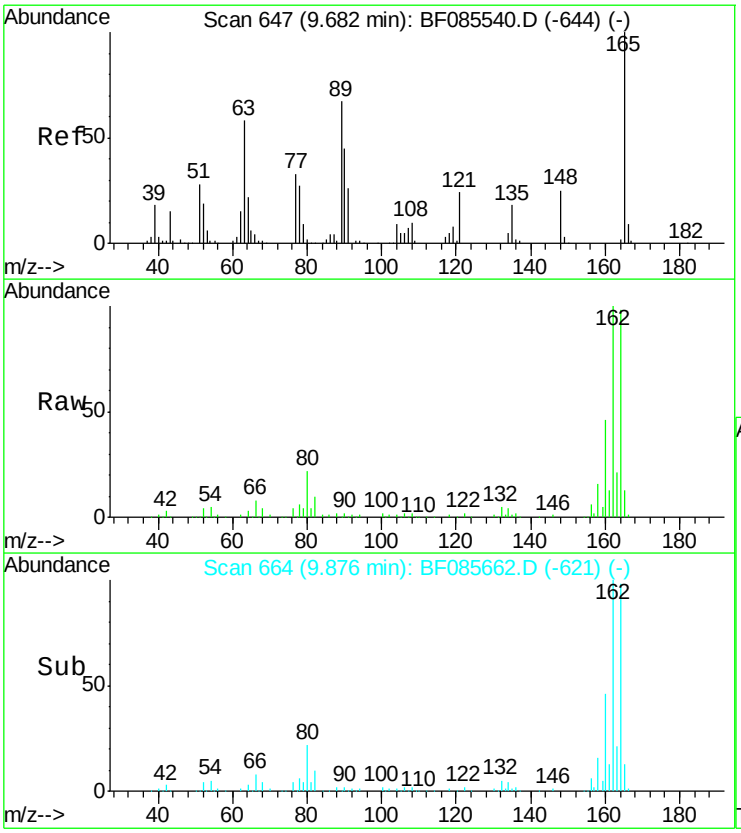
#44
2-Fluorobiphenyl
Concen: 11.68 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 172088

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.2
170	23.1	19.8	29.6

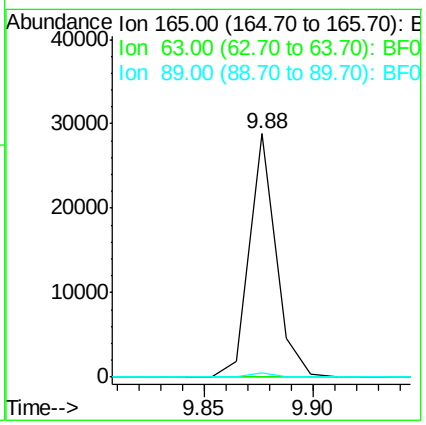


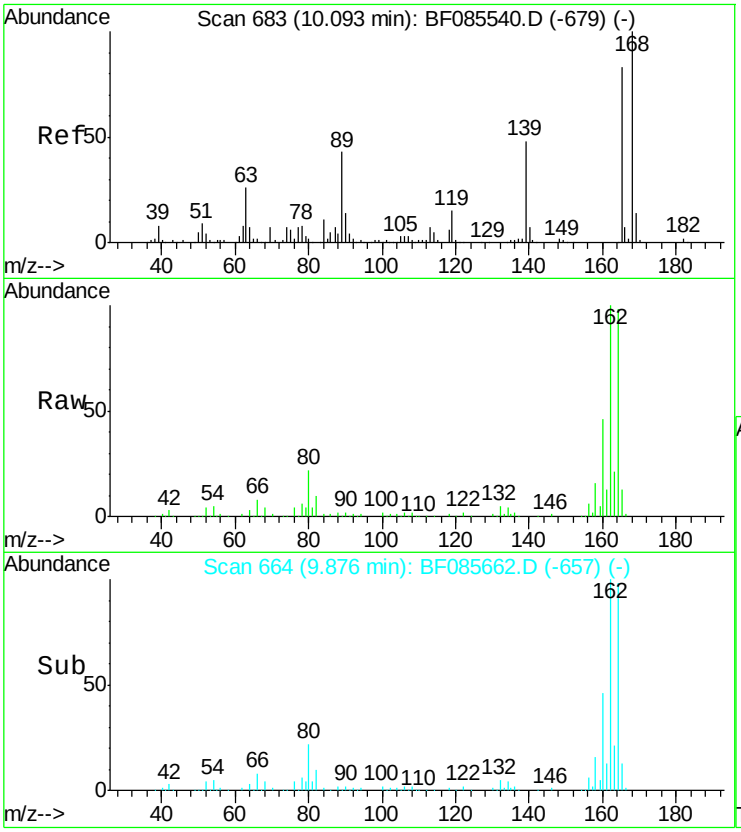


#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:165 Resp: 24543

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.5	53.7	80.5#



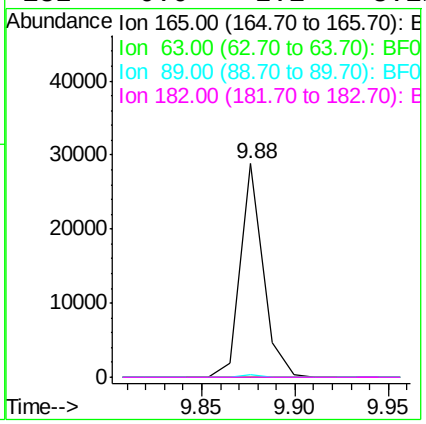


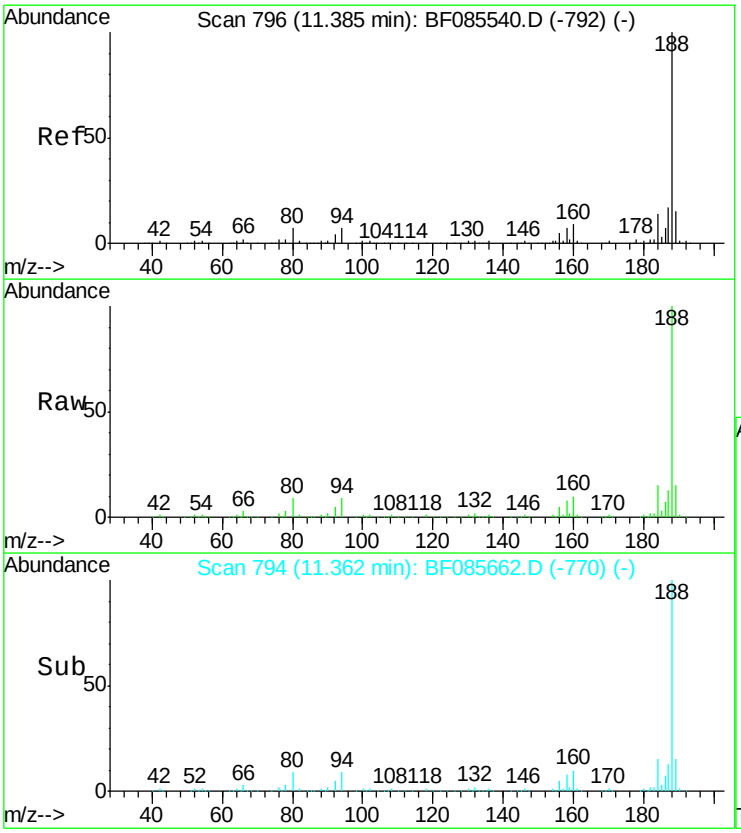
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24538

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

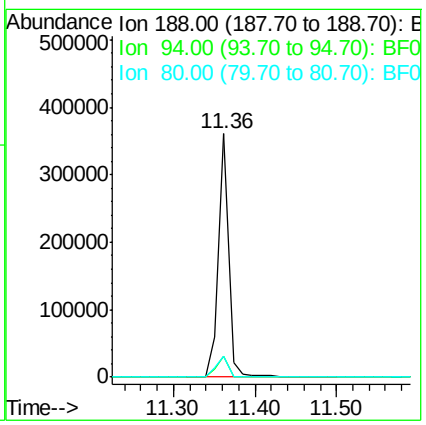


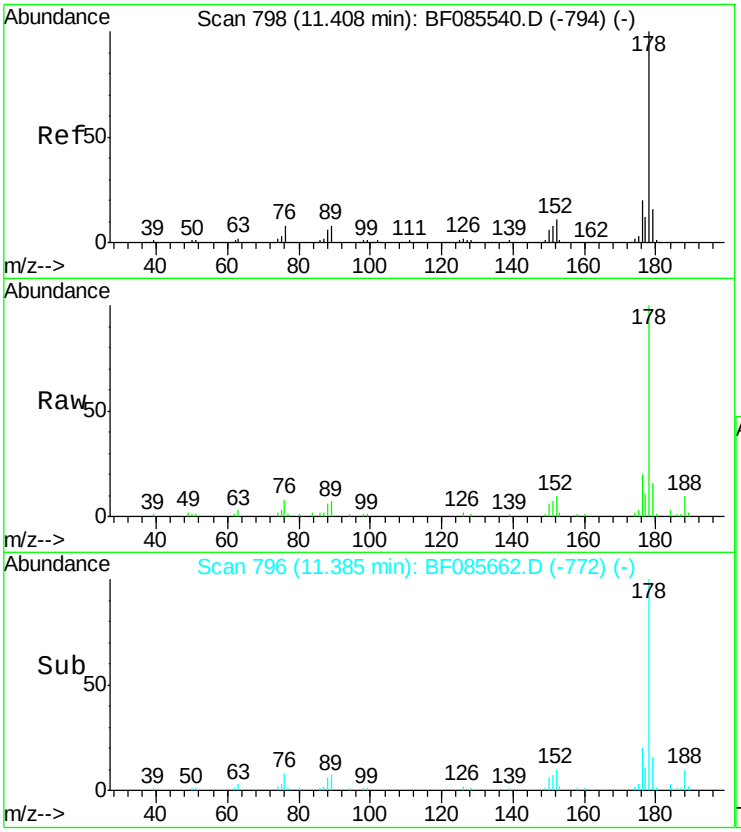


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:188 Resp: 312860

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.4	8.0#
80	8.6	5.5	8.3#

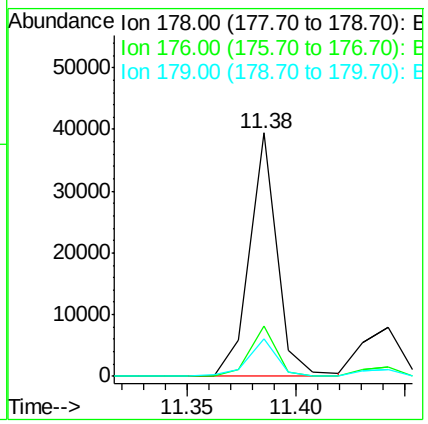




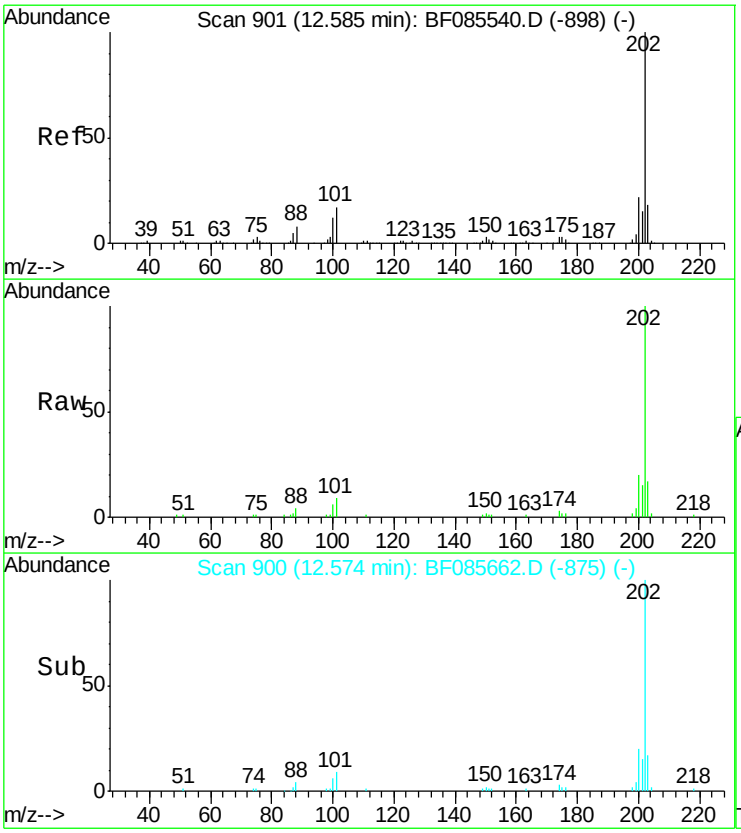
#70
Phenanthrene
Concen: 2.11 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:178 Resp: 34760

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.3	24.5
179	15.6	12.6	18.8



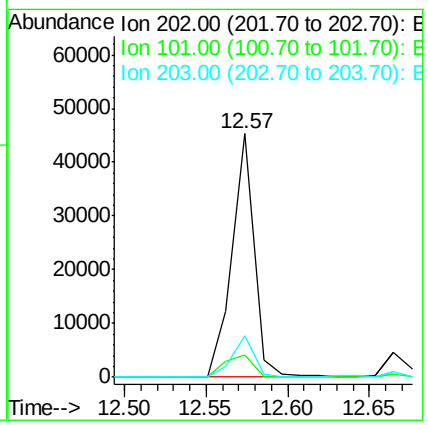
Instrument :
BNA_F
ClientSampleId :

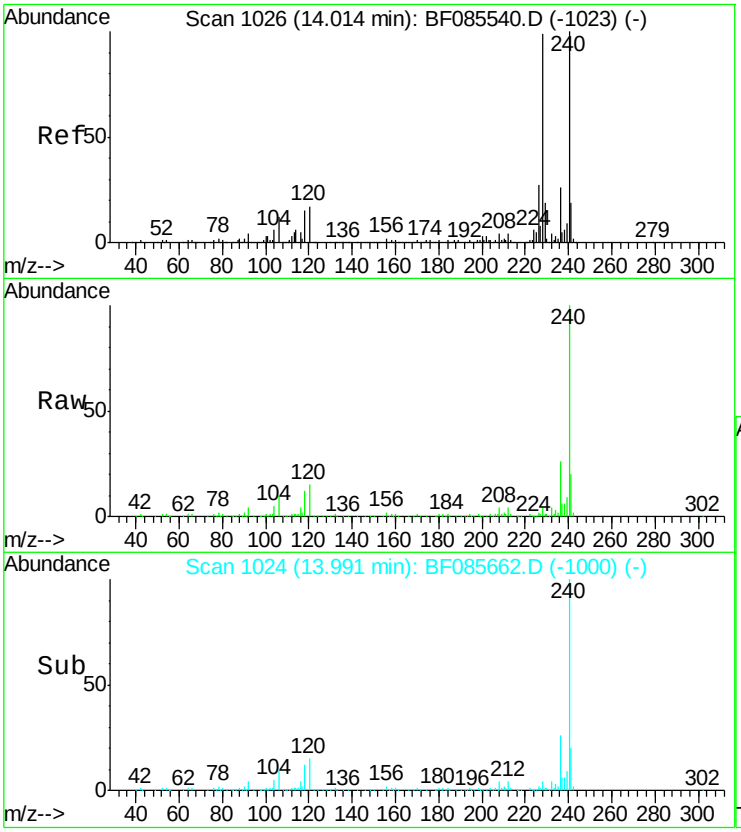


#74
Fluoranthene
Concen: 2.47 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:202 Resp: 42611

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	36.6
203	17.0	0.0	38.1



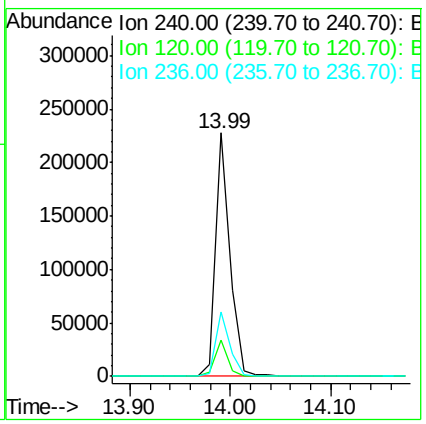


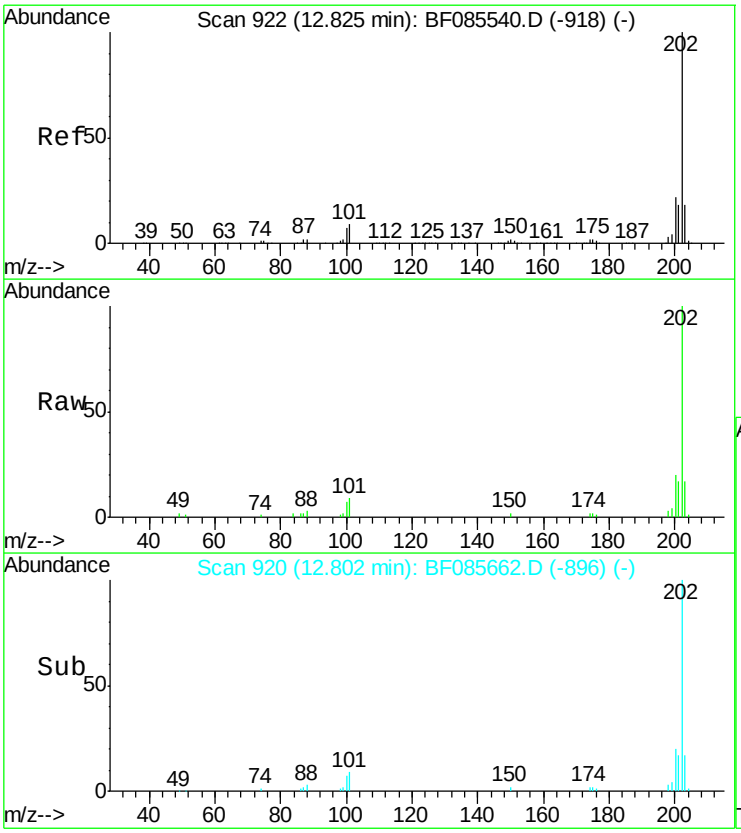
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 226378

Ion	Ratio	Lower	Upper
240	100		
120	14.8	13.8	20.8
236	26.2	20.6	30.8

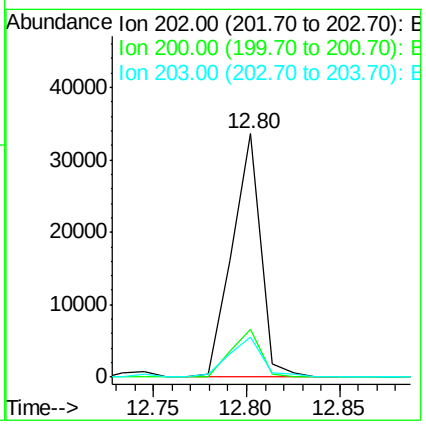


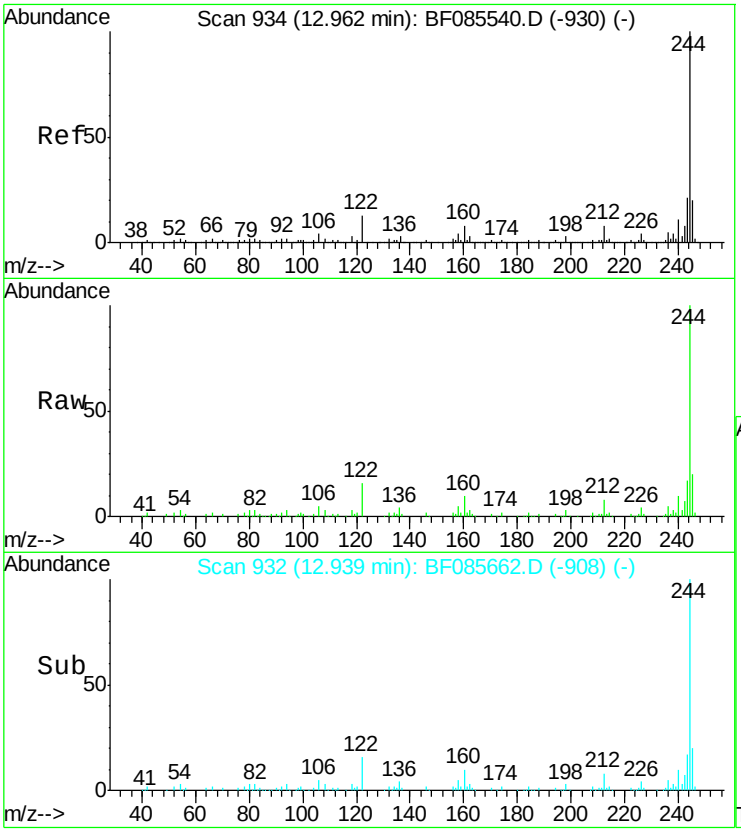


#77
Pyrene
Concen: 2.22 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:202 Resp: 36025

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	16.6	14.0	21.0



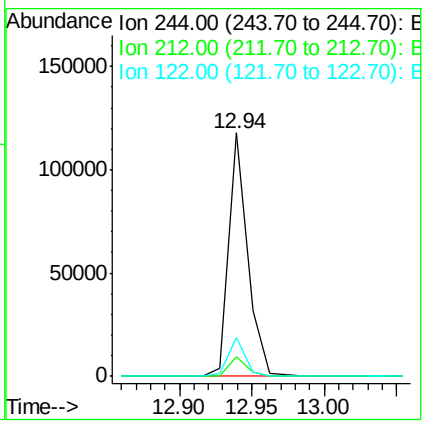


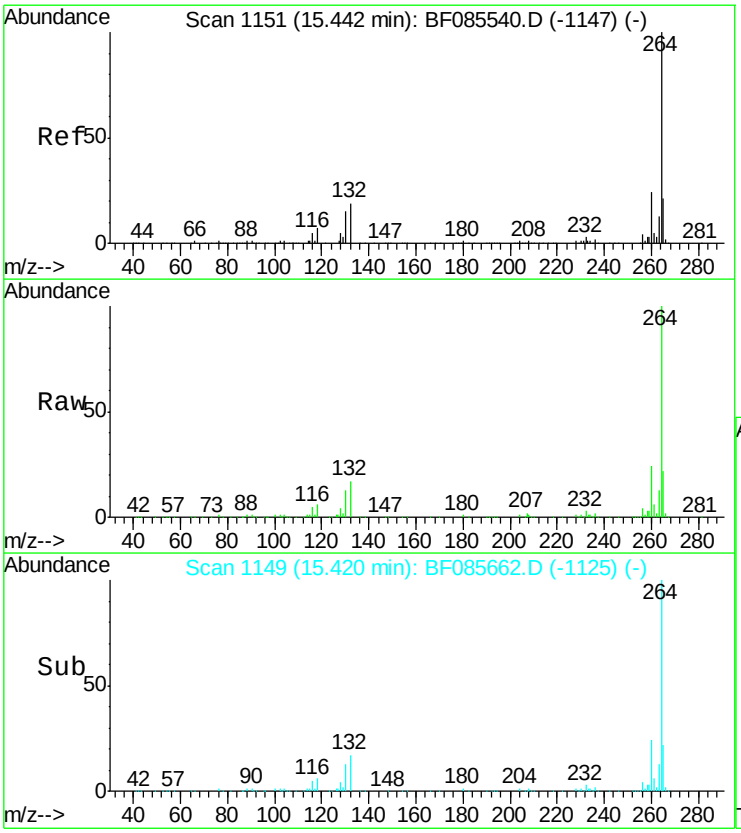
#78
Terphenyl-d14
Concen: 11.39 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 107145

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	15.9	10.2	15.4#

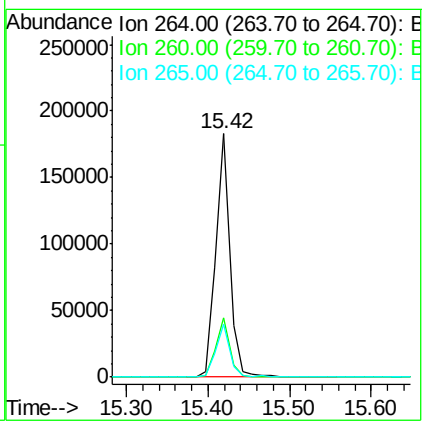


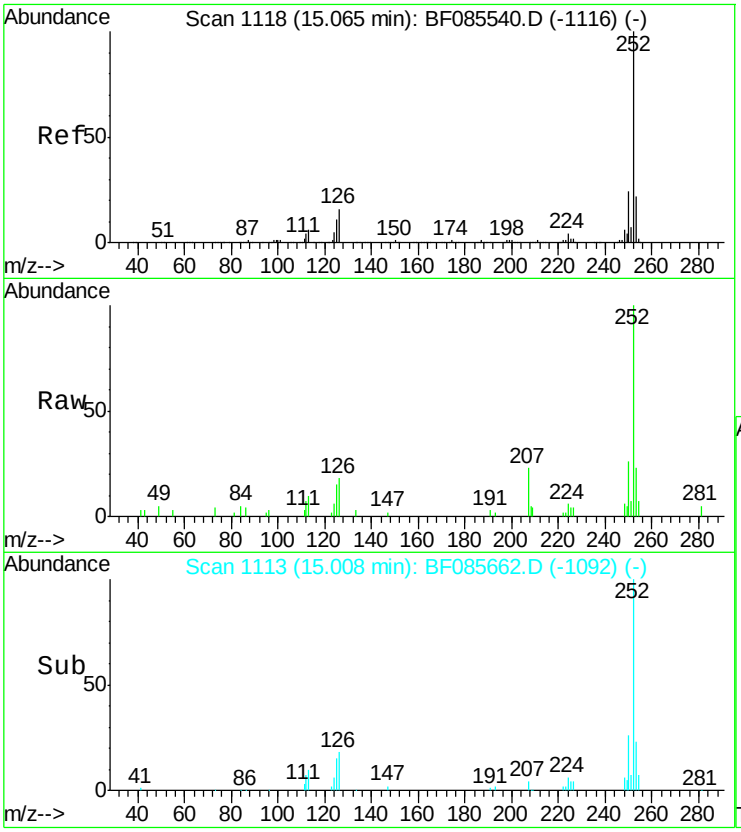


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Tgt Ion:264 Resp: 219191

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8





#88
Benzo(k)fluoranthene
Concen: 2.40 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.06 min
Lab File: BF085662.D
Acq: 22 Mar 2016 12:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28336

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	15.3	7.7	11.5#