Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084240.D
Acq On : 4 Jan 2016 15:50
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Time: Jan 05 05:47:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	327158	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1293306	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	560284	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	840799	20.00	ng	0.00
75) Chrysene-d12	14.07	240	583326	20.00	ng	0.00
86) Perylene-d12	15.51	264	619073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1125745	55.66	ng	0.00
7) Phenol-d6	6.52	99	989459	38.95	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1936461	83.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	553497	97.85	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3043080	96.39	ng	0.00
78) Terphenyl-d14	13.01	244	1823689	69.79	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.42	117	64061	6.75	ng	# 46
22) Acetophenone	7.29	105	107131	3.44	ng	# 58
32) Benzoic acid	7.97	122	22311	7.64	ng	# 39
49) Dimethylphthalate	9.65	163	297267	7.42	ng	# 89
52) 3-Nitroaniline	9.89	138	31630	2.91	ng	# 3
53) 2,4-Dinitrophenol	9.96	184	1475	3.93	ng	# 1
54) Dibenzofuran	10.13	168	6123	Below Cal		# 1
56) 2,4-Dinitrotoluene	10.12	165	29802	2.68	ng	# 45
57) Fluorene	10.48	166	5752	Below Cal		# 21
60) 4-Chlorophenyl-phenylether	10.46	204	2720	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.56	198	3043	6.86	ng	# 1
73) Di-n-butylphthalate	12.00	149	29209	Below Cal		# 46

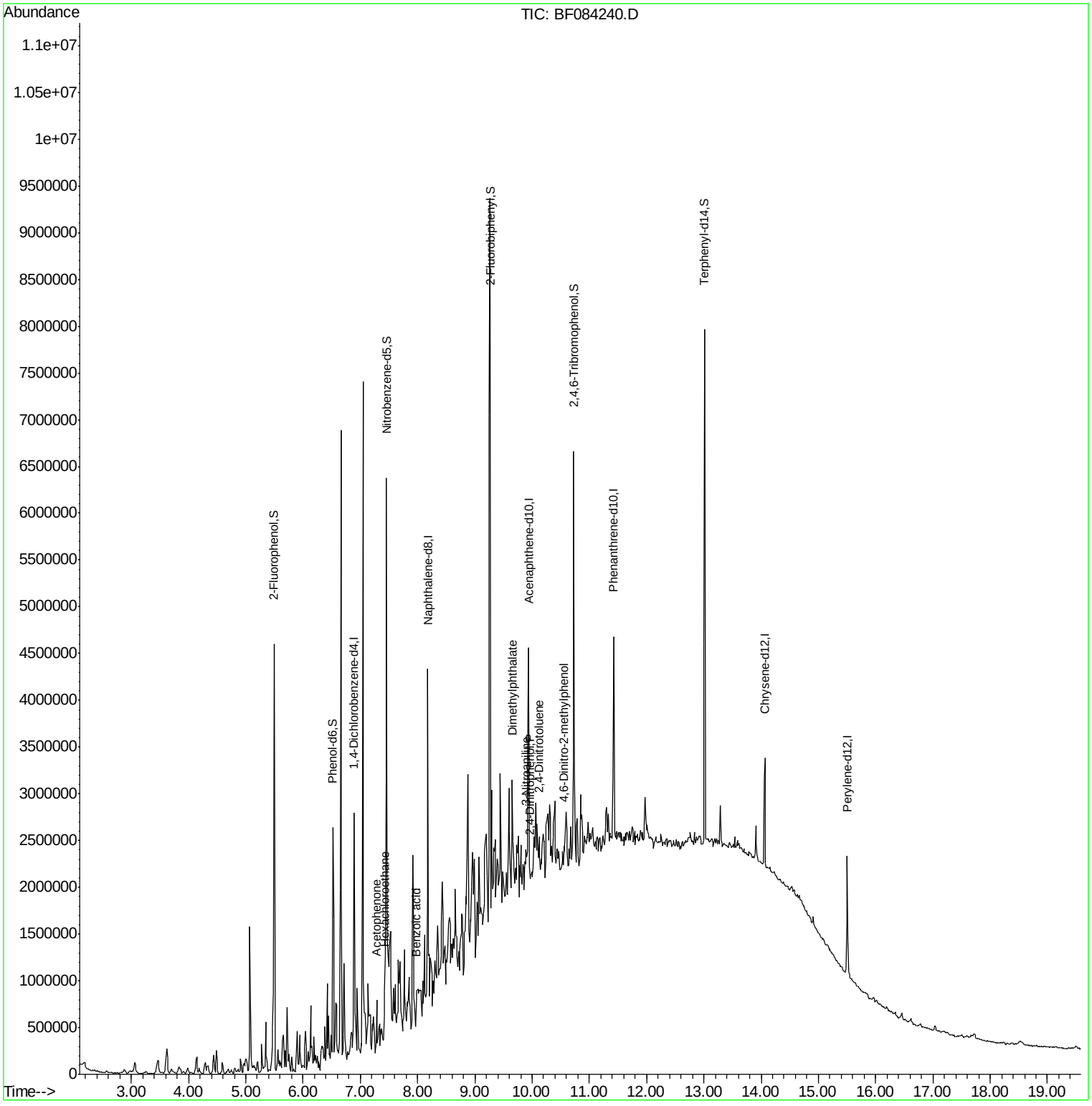
(#) = qualifier out of range (m) = manual integration (+) = signals summed

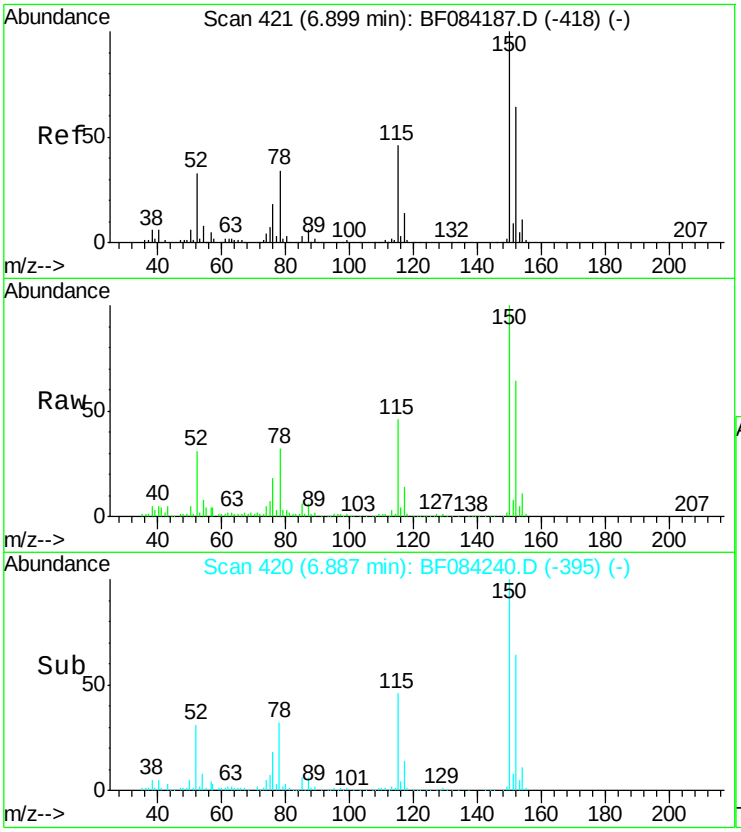
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084240.D
Acq On : 4 Jan 2016 15:50
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Time: Jan 05 05:47:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



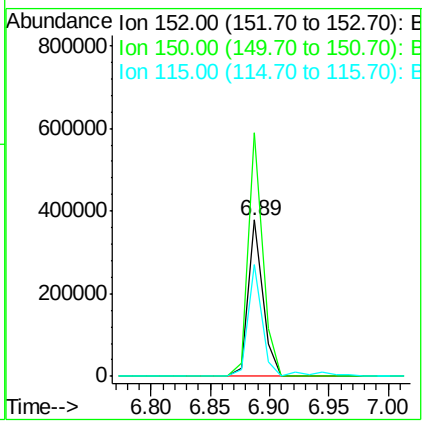


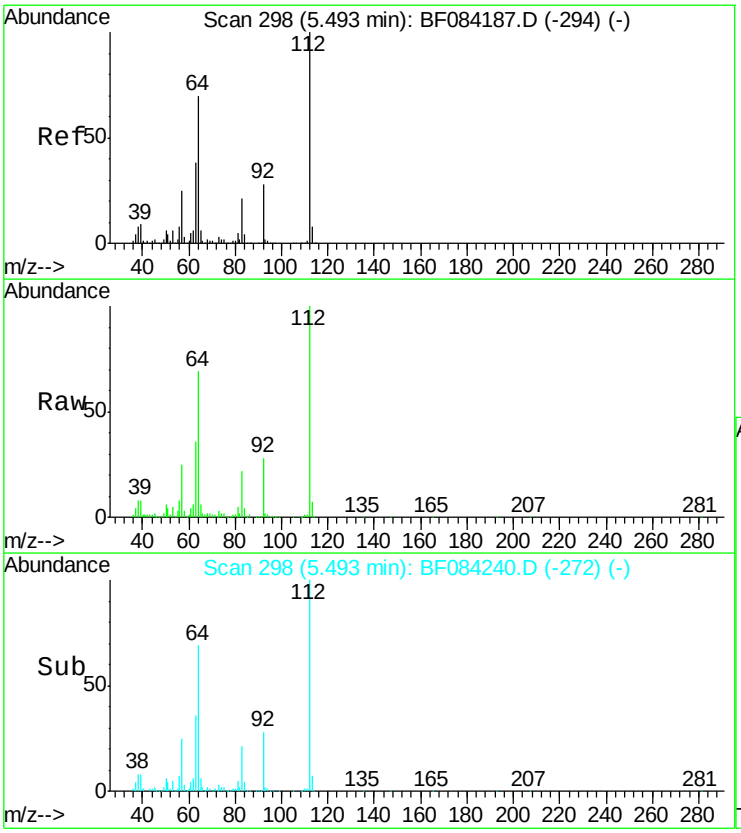
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:152 Resp: 327158

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	71.5	51.4	77.2

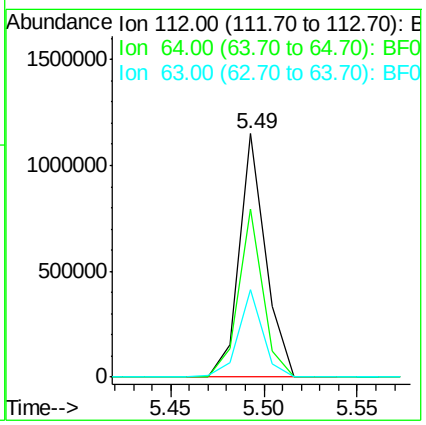


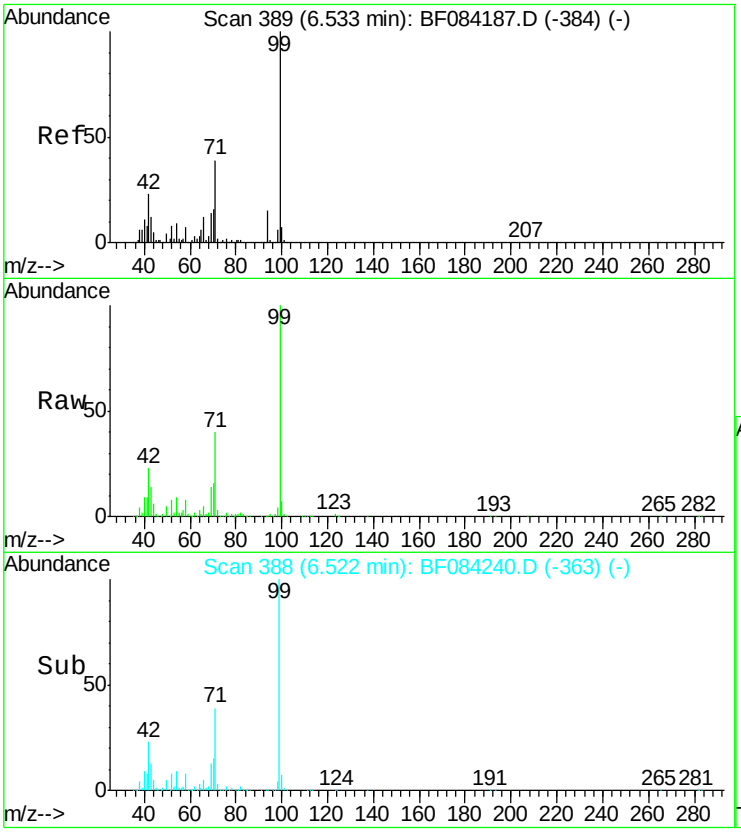


#5
2-Fluorophenol
Concen: 55.66 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:112 Resp: 1125745

Ion	Ratio	Lower	Upper
112	100		
64	69.2	36.6	55.0#
63	36.2	19.4	29.0#



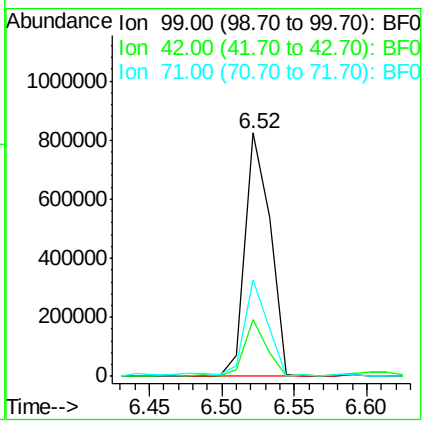


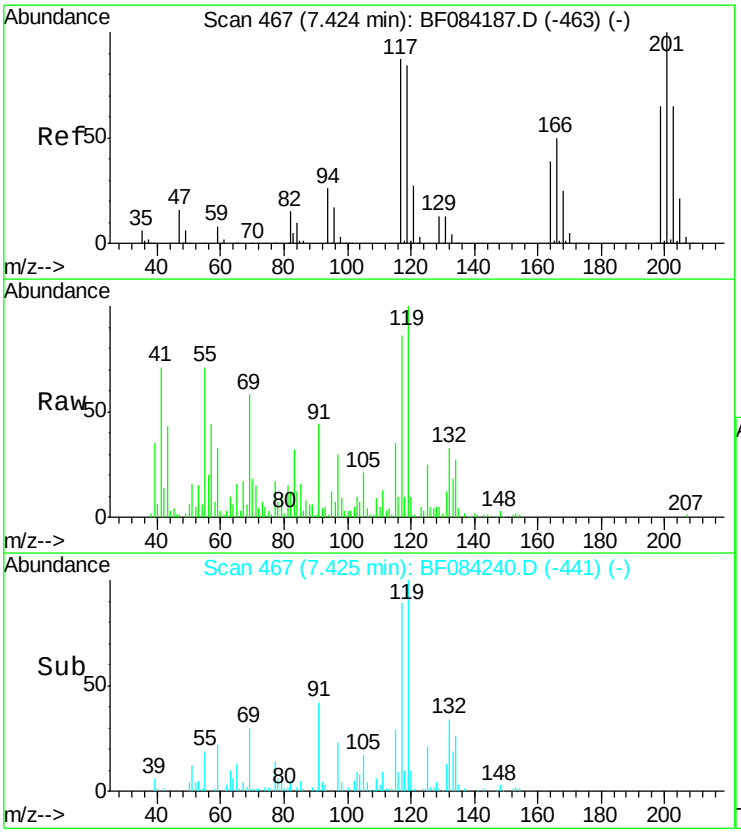
#7
Phenol-d6
Concen: 38.95 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion: 99 Resp: 989459

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	39.5	30.9	46.3

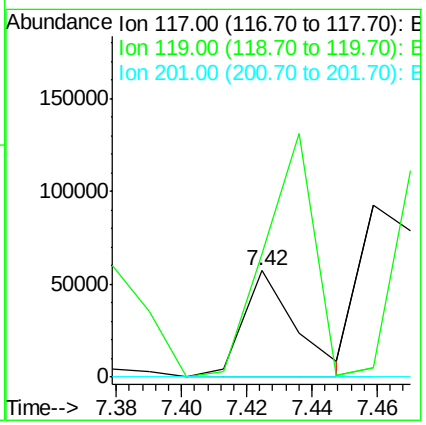


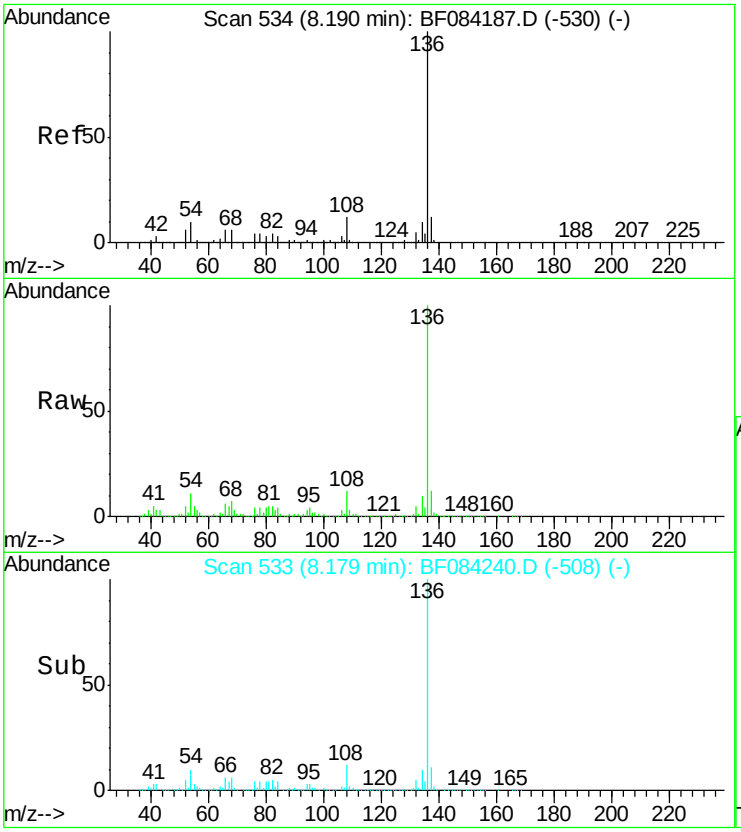


#18
Hexachloroethane
Concen: 6.75 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:117 Resp: 64061

Ion	Ratio	Lower	Upper
117	100		
119	115.9	77.4	116.0
201	0.0	68.6	103.0#



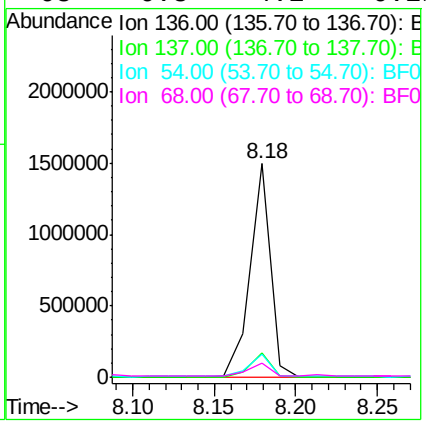


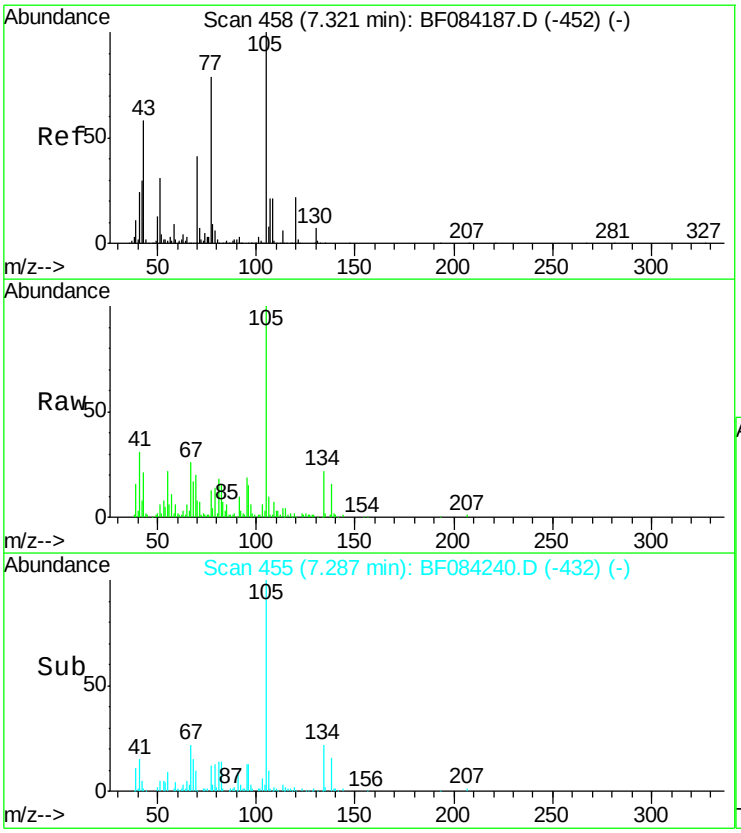
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:136 Resp: 1293306

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.6	5.8	8.8#
68	6.8	4.2	6.2#

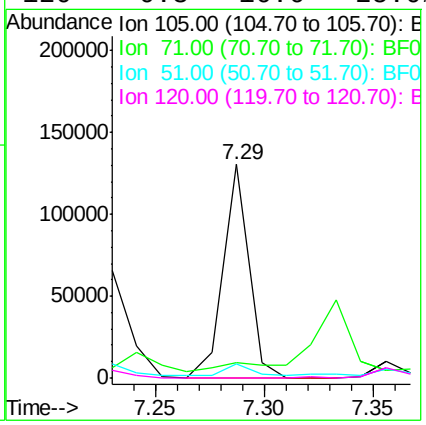


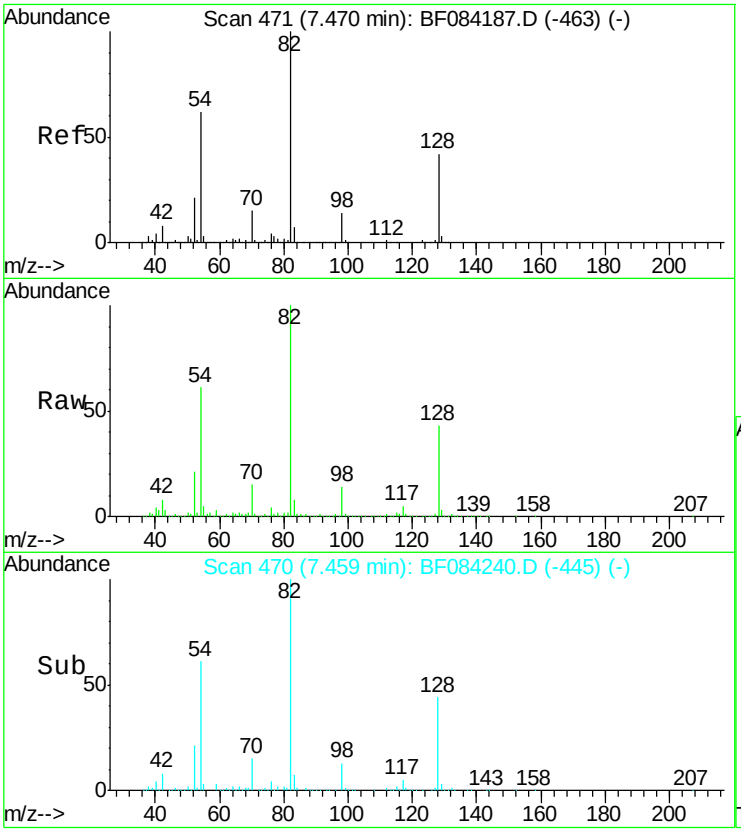


#22
Acetophenone
Concen: 3.44 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:105 Resp: 107131

Ion	Ratio	Lower	Upper
105	100		
71	7.1	3.7	5.5#
51	6.3	25.1	37.7#
120	0.3	16.6	25.0#



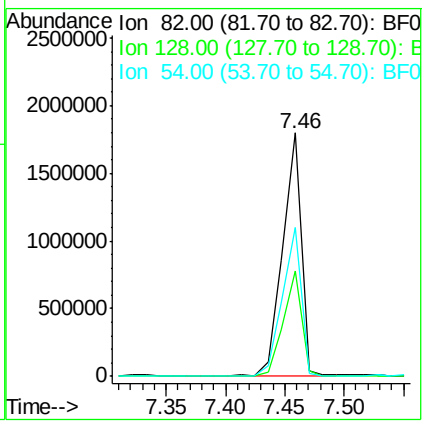


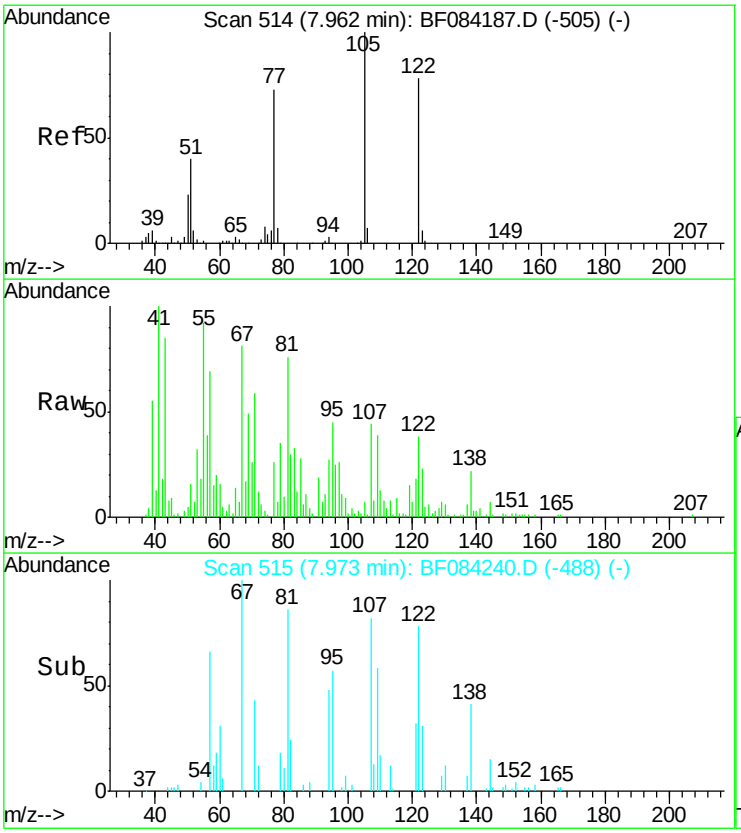
#23
Nitrobenzene-d5
Concen: 83.33 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion: 82 Resp: 1936461

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	61.4	38.4	57.6#

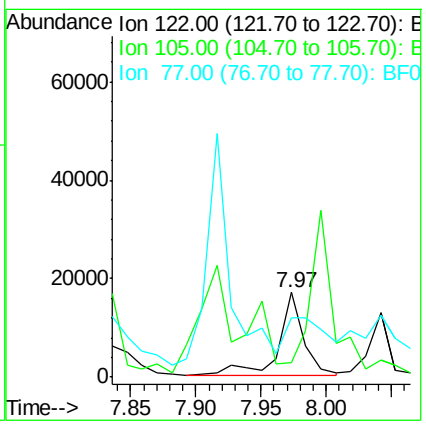


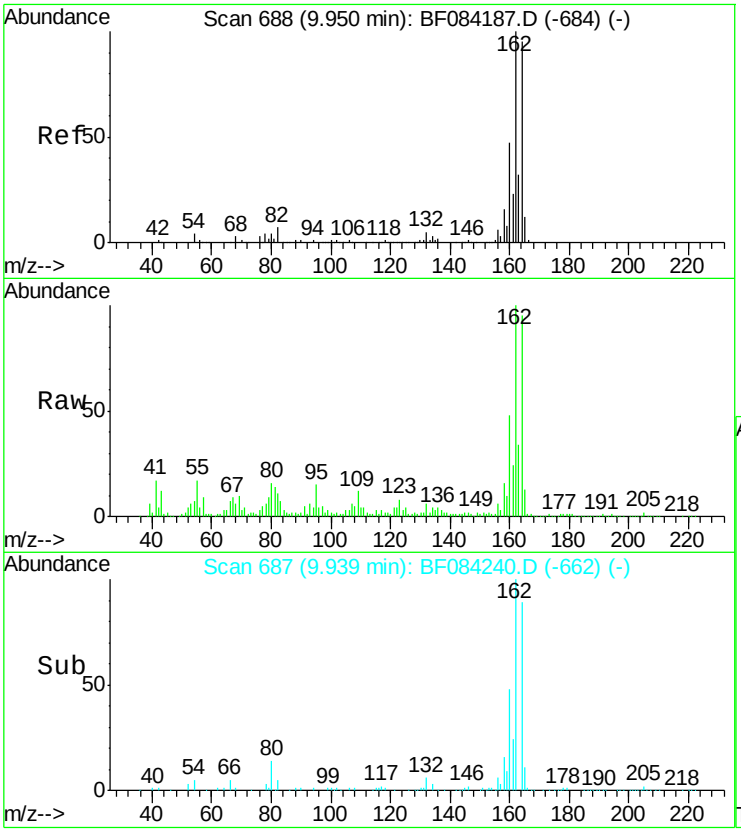


#32
Benzoic acid
Concen: 7.64 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:122 Resp: 22311

Ion	Ratio	Lower	Upper
122	100		
105	17.7	100.3	140.3#
77	69.5	63.5	103.5



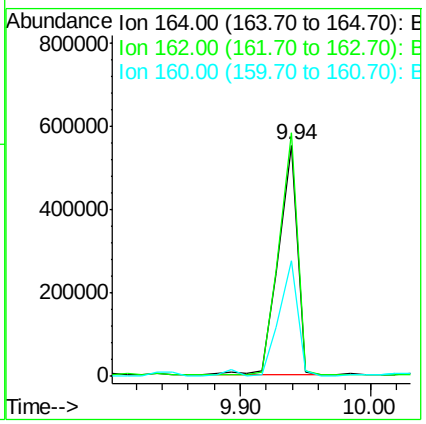


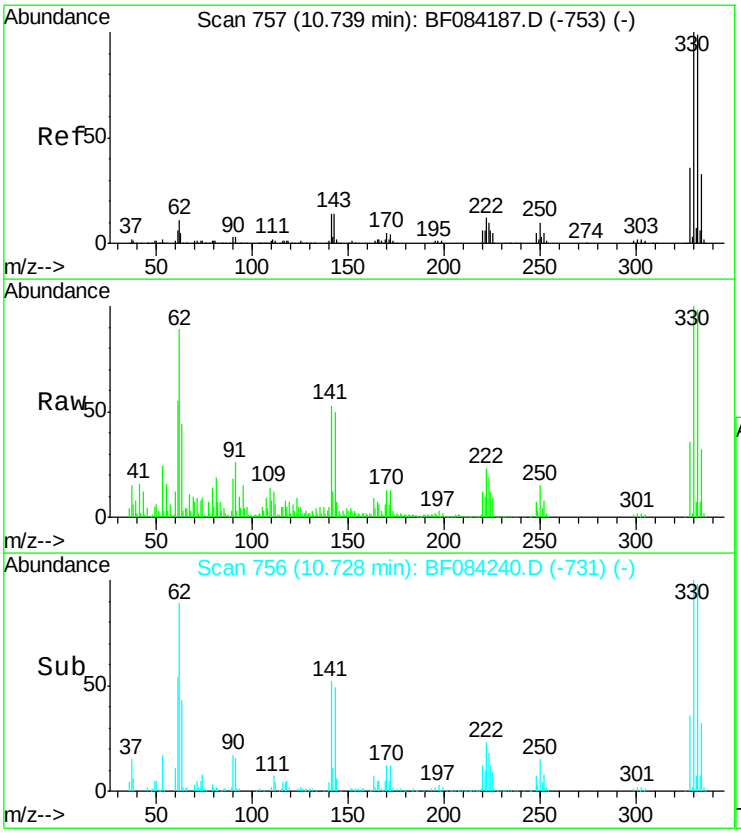
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:164 Resp: 560284

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	50.1	37.5	56.3

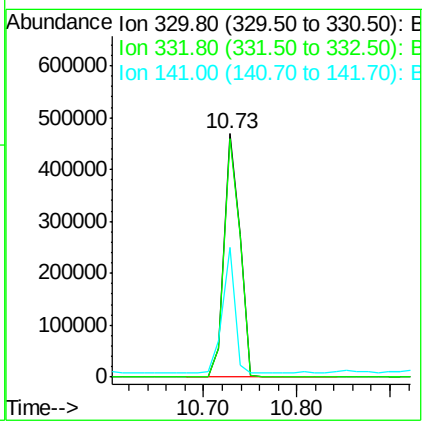


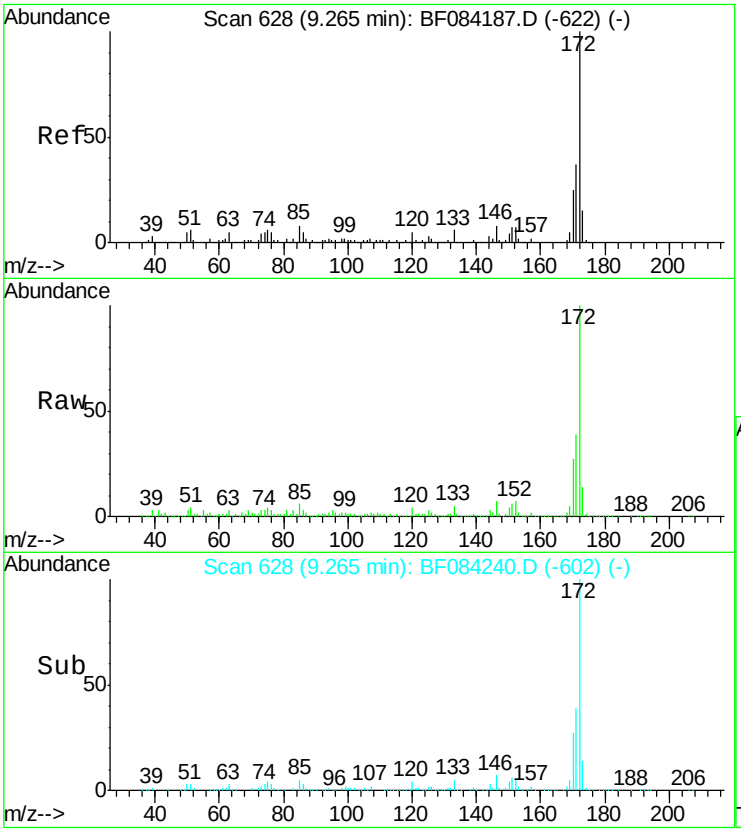


#41
2,4,6-Tribromophenol
Concen: 97.85 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:330 Resp: 553497

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	41.0	27.8	41.6



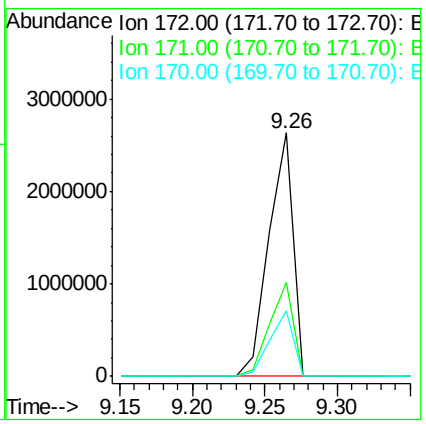


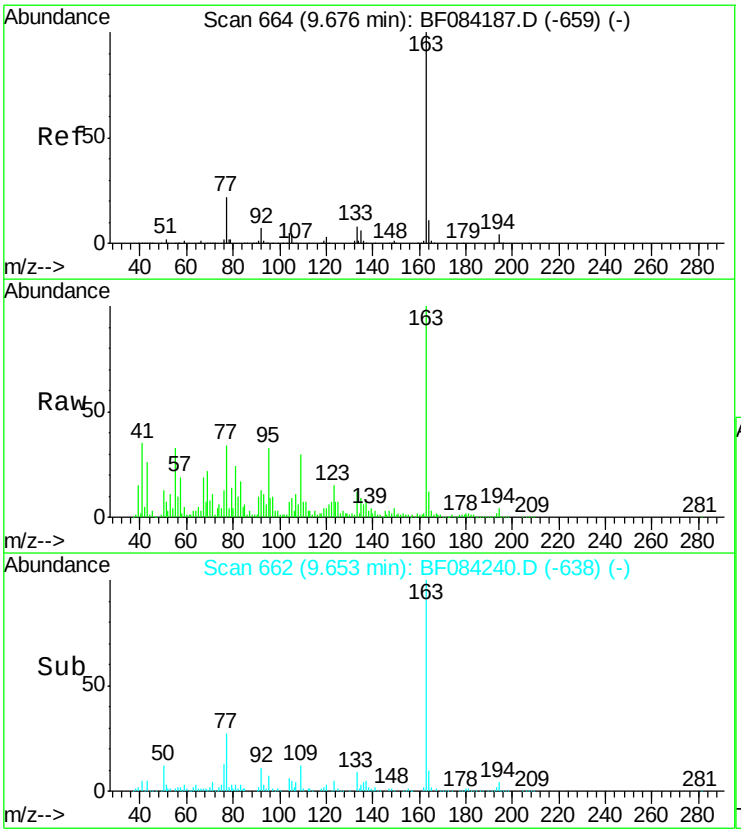
#44
2-Fluorobiphenyl
Concen: 96.39 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:172 Resp: 3043080

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.9	43.3
170	26.8	18.6	27.8

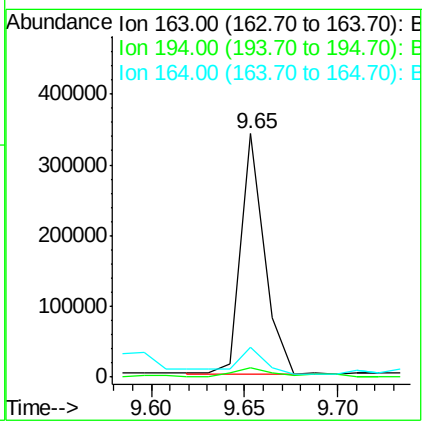


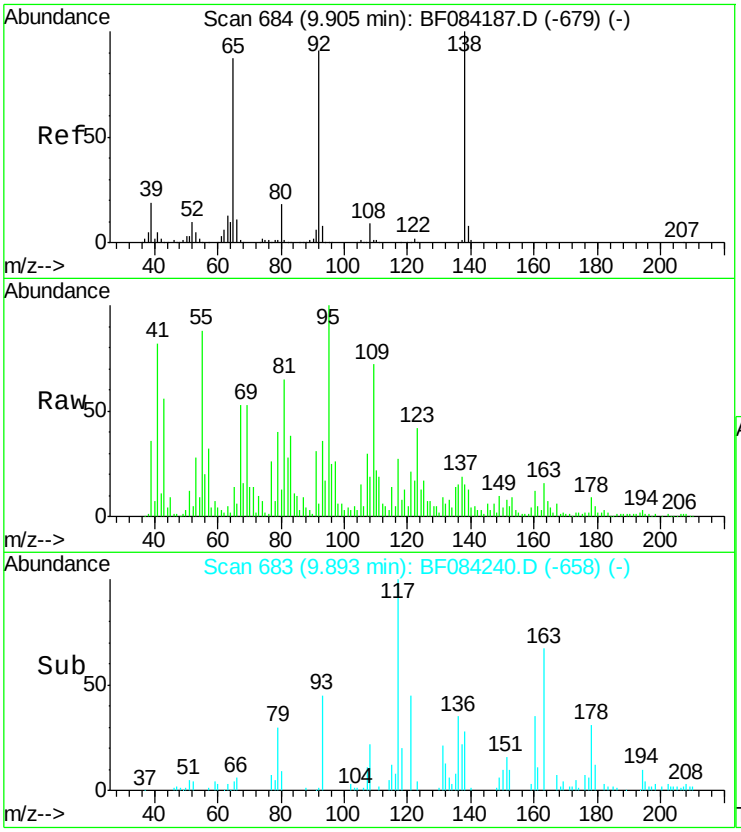


#49
Dimethylphthalate
Concen: 7.42 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:163 Resp: 297267

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	12.0	8.0	12.0#



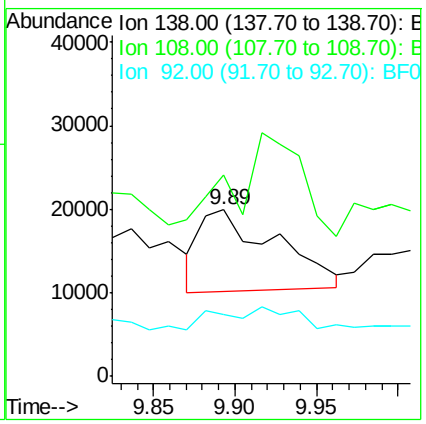


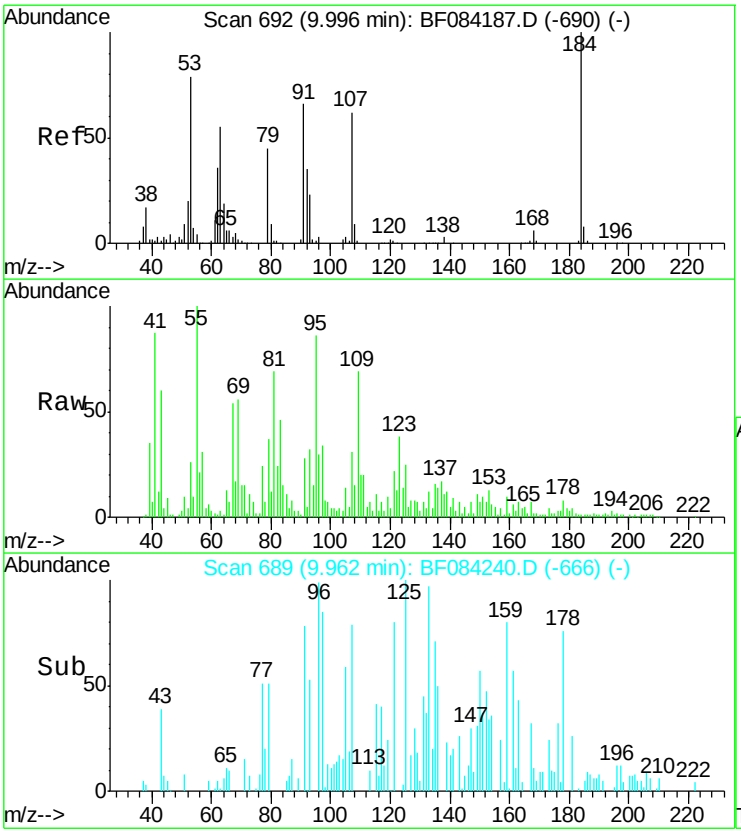
#52
3-Nitroaniline
Concen: 2.91 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:138 Resp: 31630

Ion	Ratio	Lower	Upper
138	100		
108	121.1	10.5	15.7#
92	36.9	103.9	155.9#

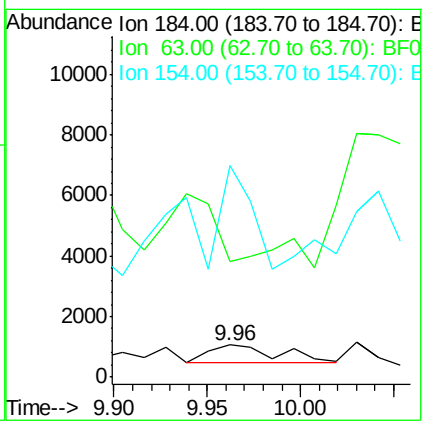


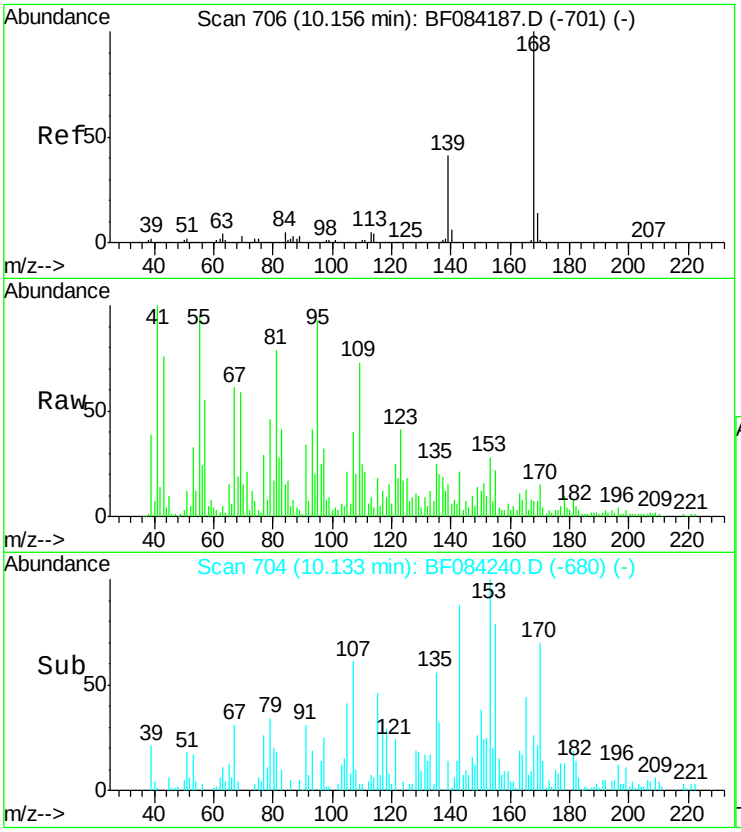


#53
2,4-Dinitrophenol
Concen: 3.93 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:184 Resp: 1475

Ion	Ratio	Lower	Upper
184	100		
63	361.0	43.1	64.7#
154	663.8	60.5	90.7#



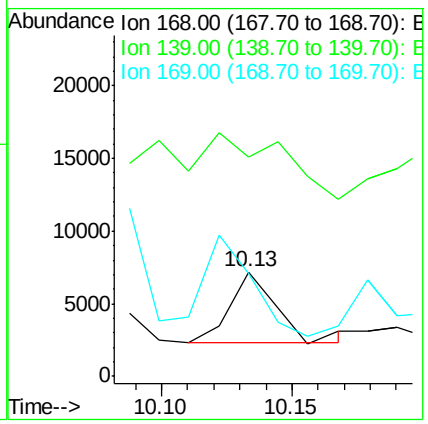


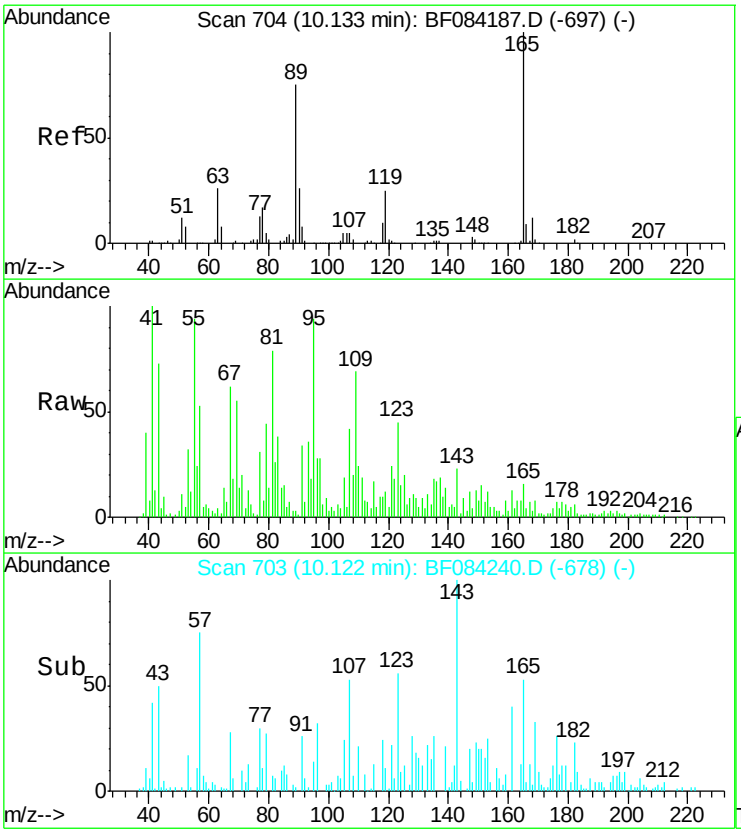
#54
Dibenzofuran
Concen: Below Cal
RT: 10.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:168 Resp: 6123

Ion	Ratio	Lower	Upper
168	100		
139	210.8	30.5	45.7#
169	98.4	10.4	15.6#

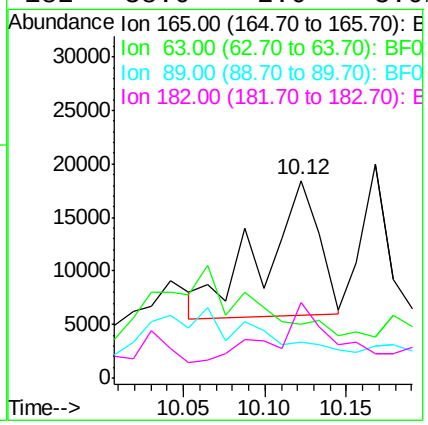


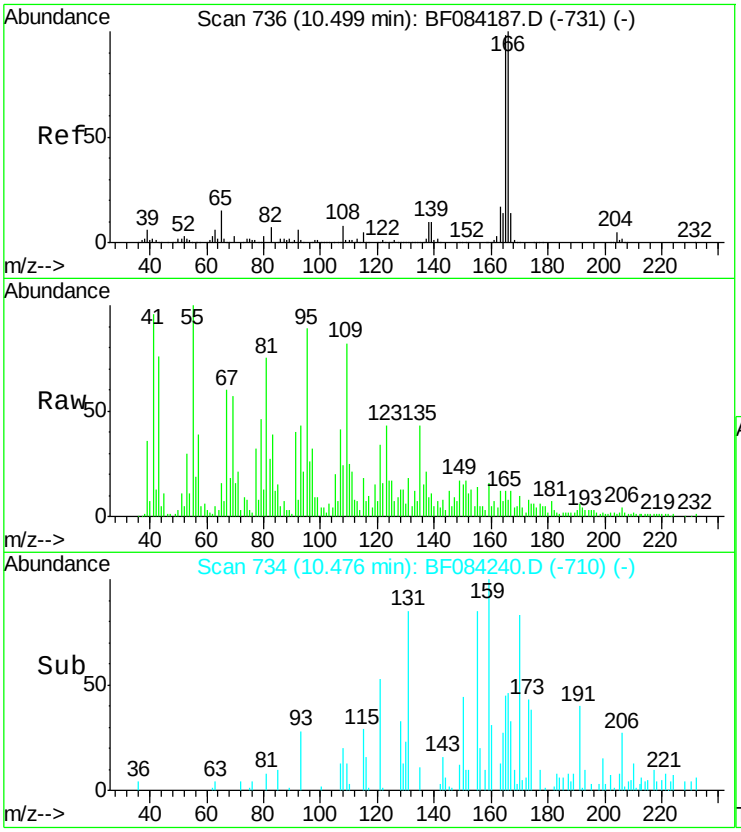


#56
2,4-Dinitrotoluene
Concen: 2.68 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:165 Resp: 29802

Ion	Ratio	Lower	Upper
165	100		
63	27.5	36.7	55.1#
89	17.9	61.9	92.9#
182	38.0	2.0	3.0#



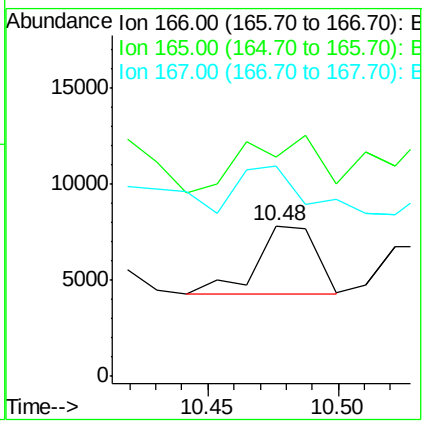


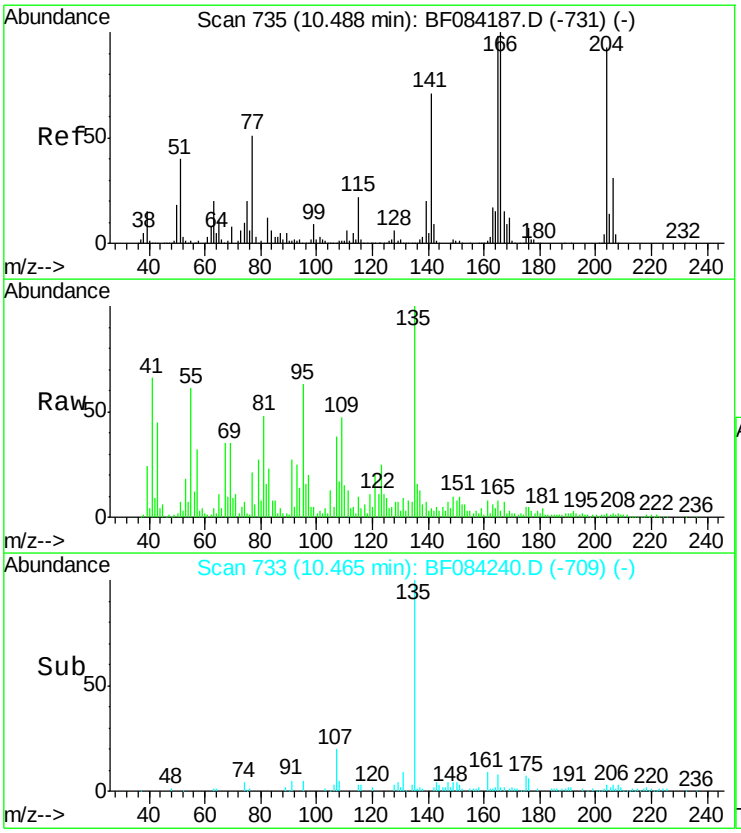
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:166 Resp: 5752

Ion	Ratio	Lower	Upper
166	100		
165	145.7	79.1	118.7#
167	140.3	10.4	15.6#

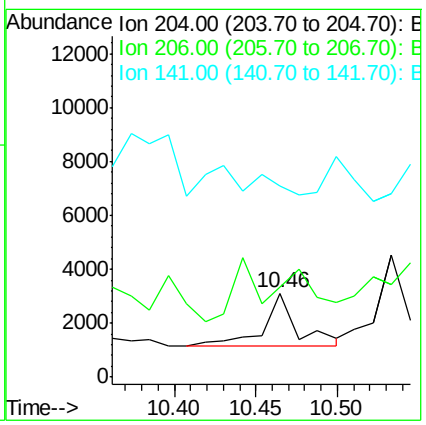


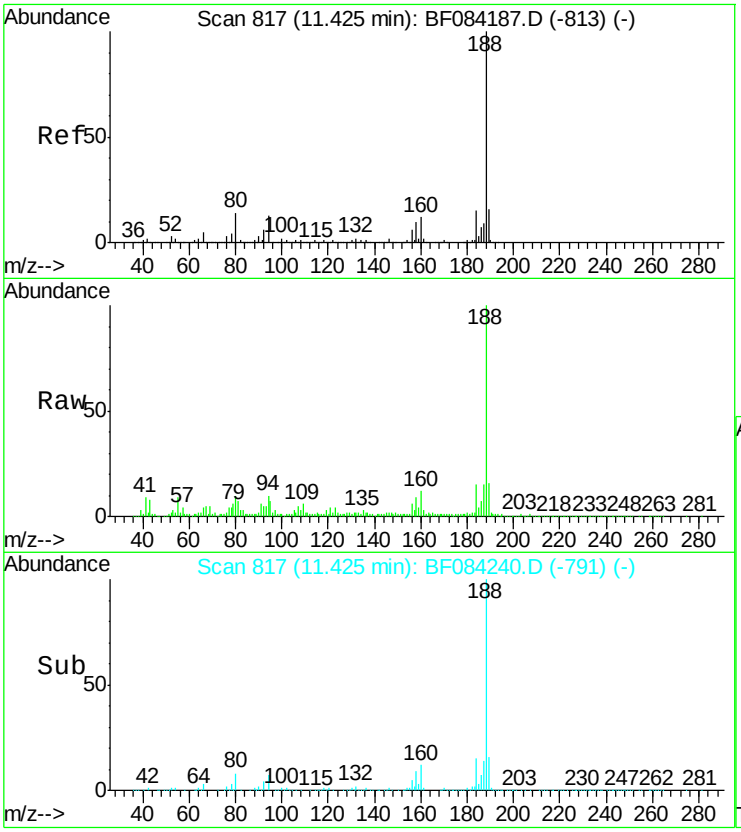


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:204 Resp: 2720

Ion	Ratio	Lower	Upper
204	100		
206	107.4	25.7	38.5#
141	228.0	55.1	82.7#



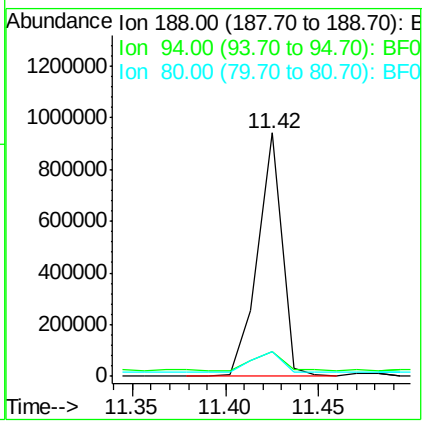


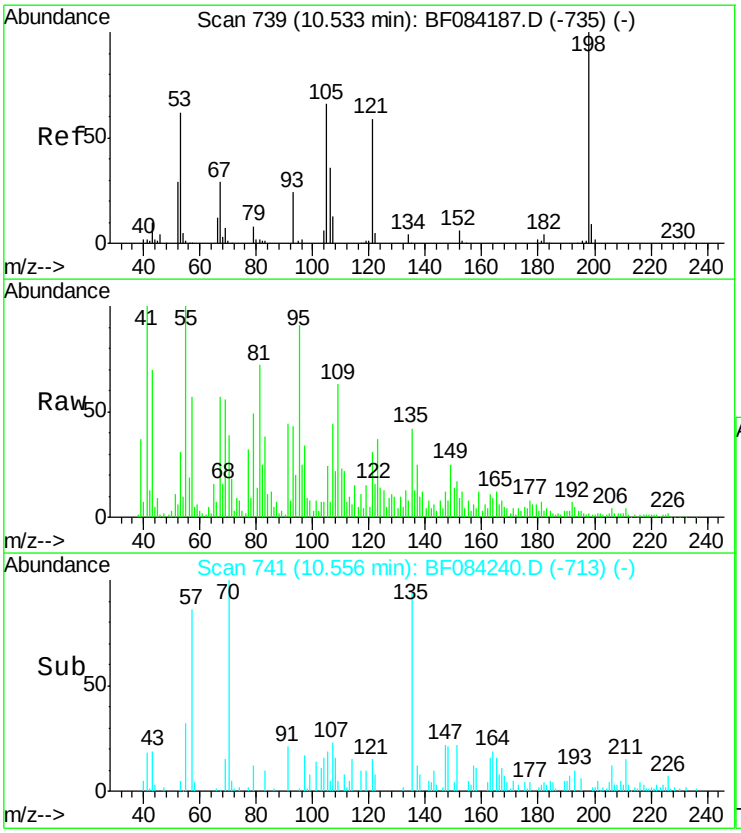
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:188 Resp: 840799

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.1	9.6	14.4

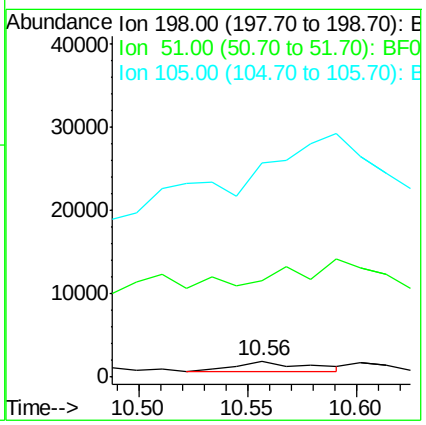


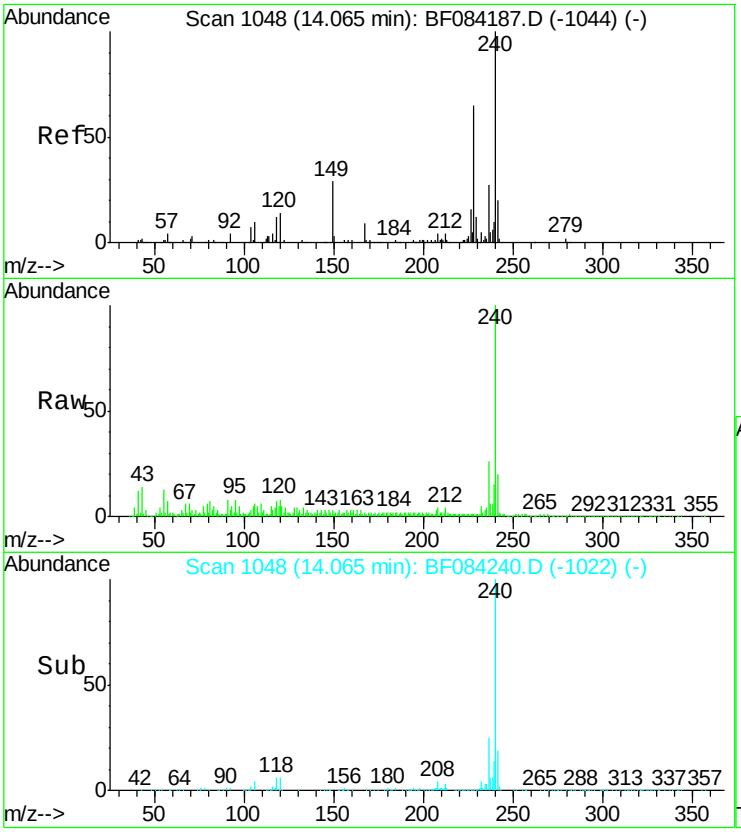


#64
4,6-Dinitro-2-methylphenol
Concen: 6.86 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:198 Resp: 3043

Ion	Ratio	Lower	Upper
198	100		
51	600.7	18.9	58.9#
105	1341.4	26.4	66.4#



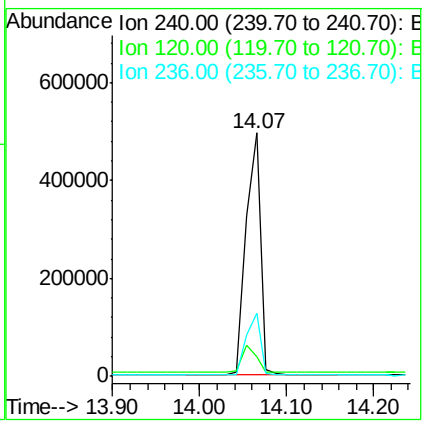


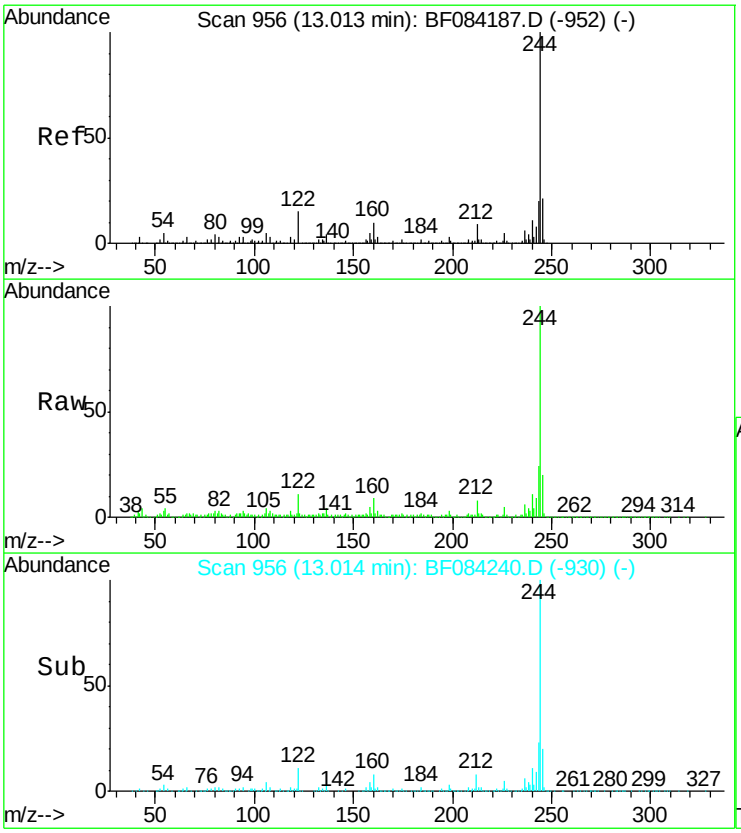
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:240 Resp: 583326

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.5	14.3#
236	25.8	20.6	31.0

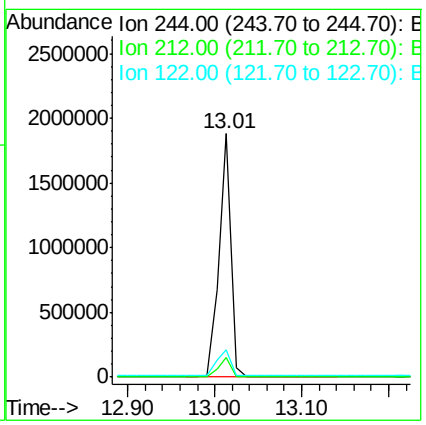


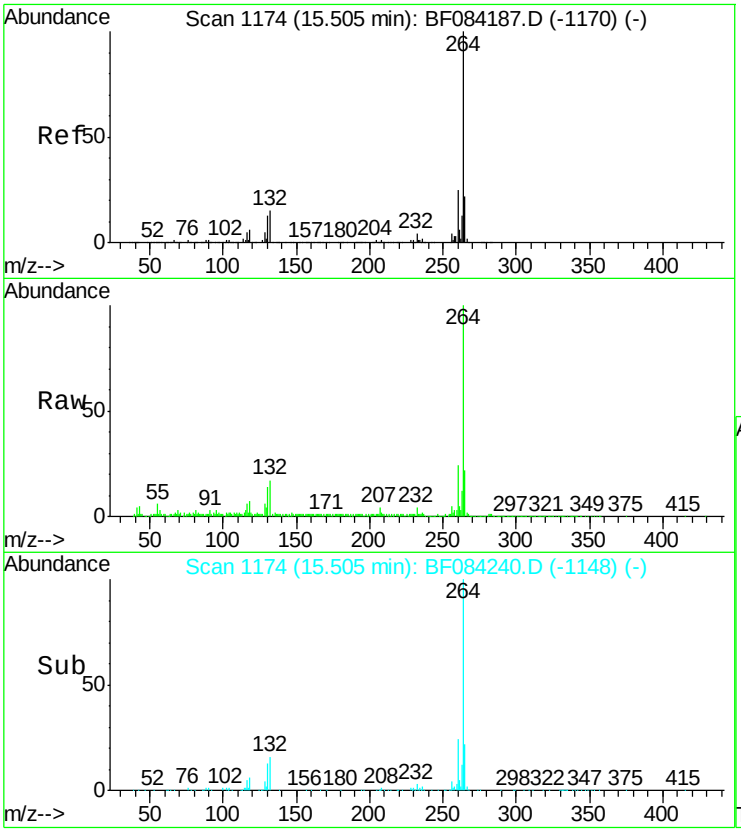


#78
Terphenyl-d14
Concen: 69.79 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Tgt Ion:244 Resp: 1823689

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	11.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084240.D
Acq: 4 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tgt Ion:264 Resp: 619073

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.8	26.6