Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084375.D
Acq On : 11 Jan 2016 13:06
Operator : SJ/UM
Sample : H1043-09RE 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5S(0-10)

Quant Time: Jan 12 01:38:02 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	6.85	152	249478	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1007311	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	447769	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	768773	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	480758	20.00	ng		-0.05
86) Perylene-d12	15.45	264	437608	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	450380	29.20	ng		-0.03
7) Phenol-d6	6.49	99	537099	27.73	ng		-0.05
23) Nitrobenzene-d5	7.41	82	347822	19.22	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	126134	27.90	ng		-0.06
44) 2-Fluorobiphenyl	9.22	172	628772	19.85	ng		-0.05
78) Terphenyl-d14	12.96	244	412113	19.13	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	50180	3.83	ng	#	67
32) Benzoic acid	8.13	122	219	6.27	ng	#	1
49) Dimethylphthalate	9.61	163	145689	4.55	ng	#	90
50) 2,6-Dinitrotoluene	9.89	165	59793	8.52	ng	#	37
54) Dibenzofuran	10.10	168	5920	Below Cal			98
56) 2,4-Dinitrotoluene	9.89	165	60834	6.85	ng	#	21
57) Fluorene	10.44	166	11991	Below Cal			88
70) Phenanthrene	11.40	178	168658	4.19	ng		99
73) Di-n-butylphthalate	11.95	149	9269	Below Cal		#	96
74) Fluoranthene	12.59	202	217967	5.19	ng		96
77) Pyrene	12.82	202	168505	4.47	ng		99
80) Benzo(a)anthracene	14.04	228	118774	4.21	ng		95
82) Chrysene	14.04	228	118774	4.38	ng		98
87) Benzo(b)fluoranthene	15.04	252	110344	3.85	ng	#	88
88) Benzo(k)fluoranthene	15.04	252	110344	4.71	ng	#	92

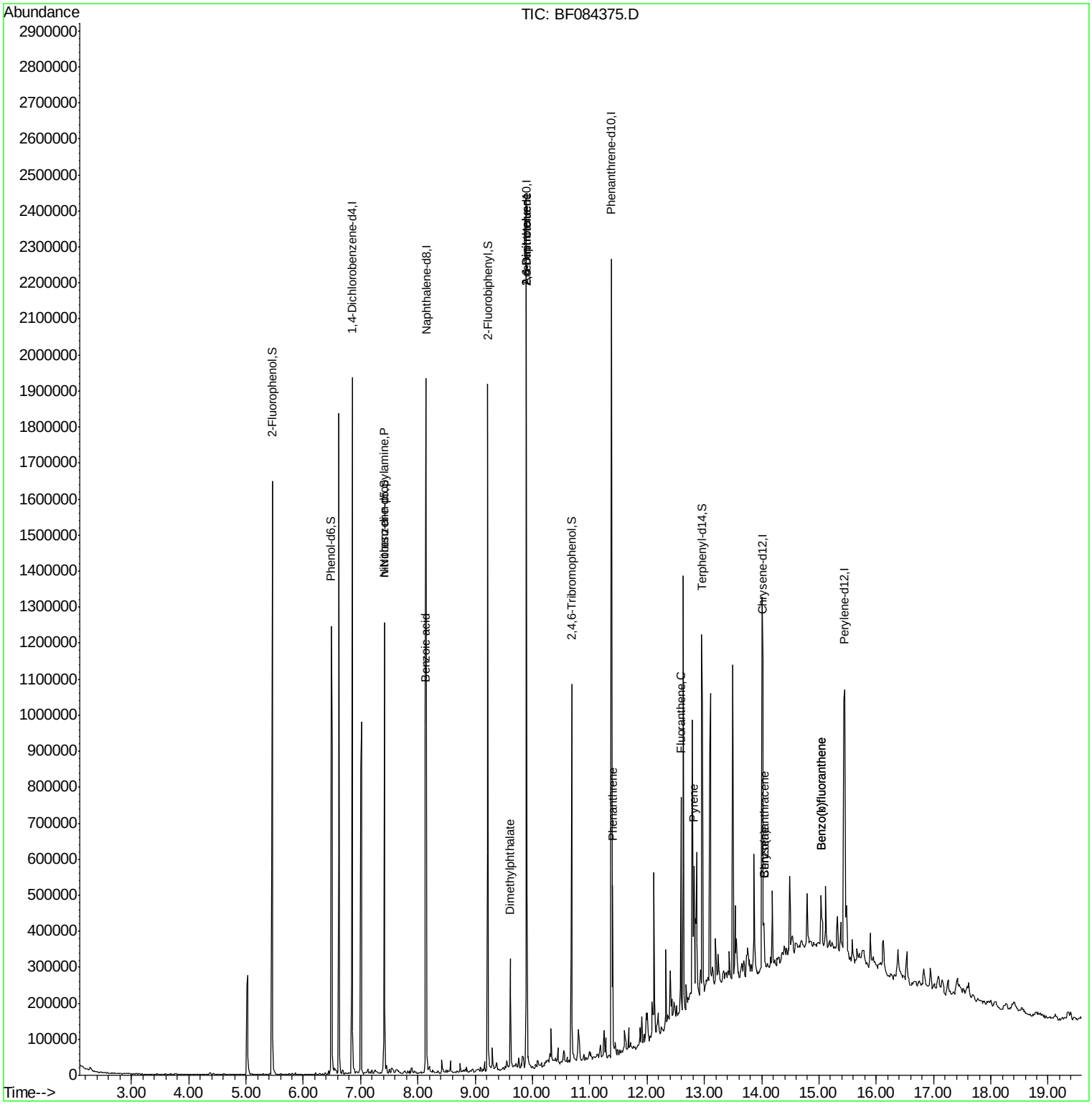
(#) = qualifier out of range (m) = manual integration (+) = signals summed

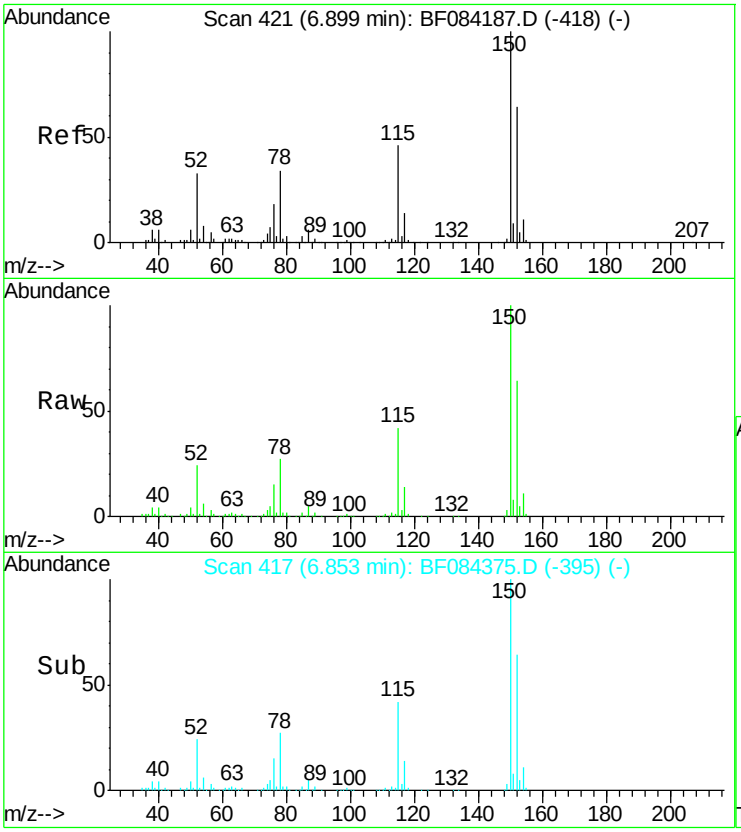
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084375.D
Acq On : 11 Jan 2016 13:06
Operator : SJ/UM
Sample : H1043-09RE 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Quant Time: Jan 12 01:38:02 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



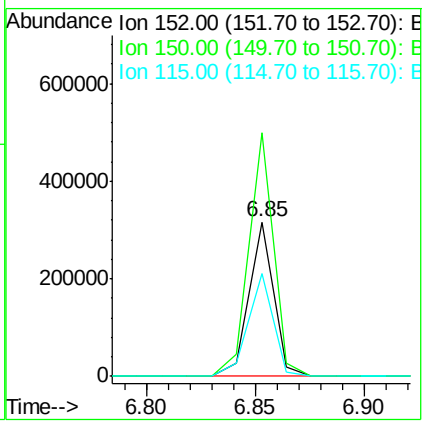


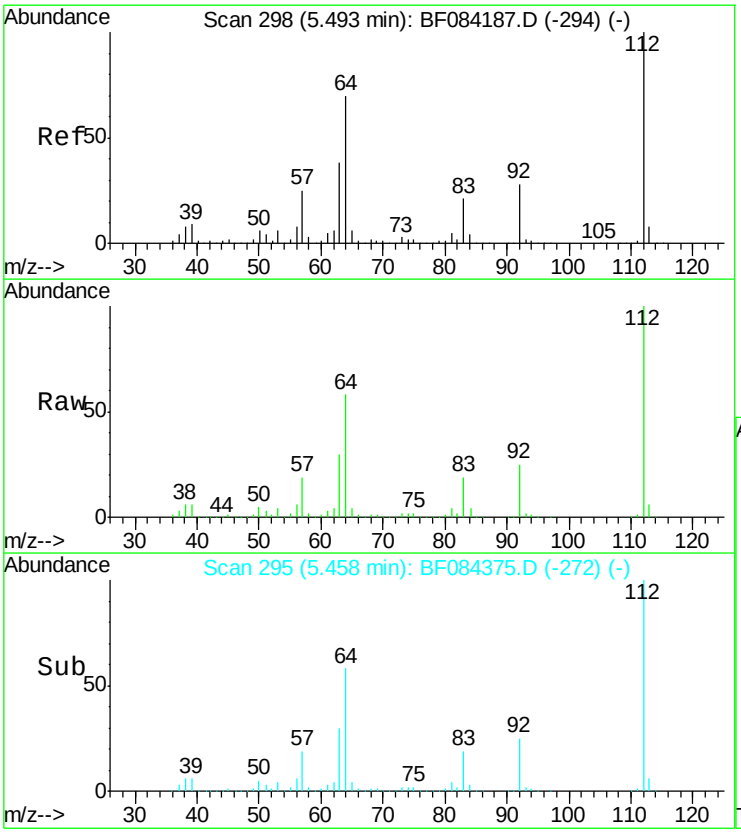
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:152 Resp: 249478

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	66.4	51.4	77.2

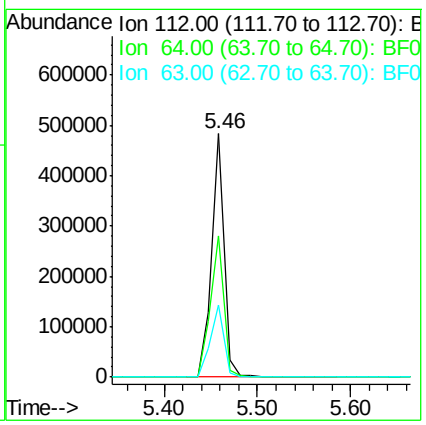


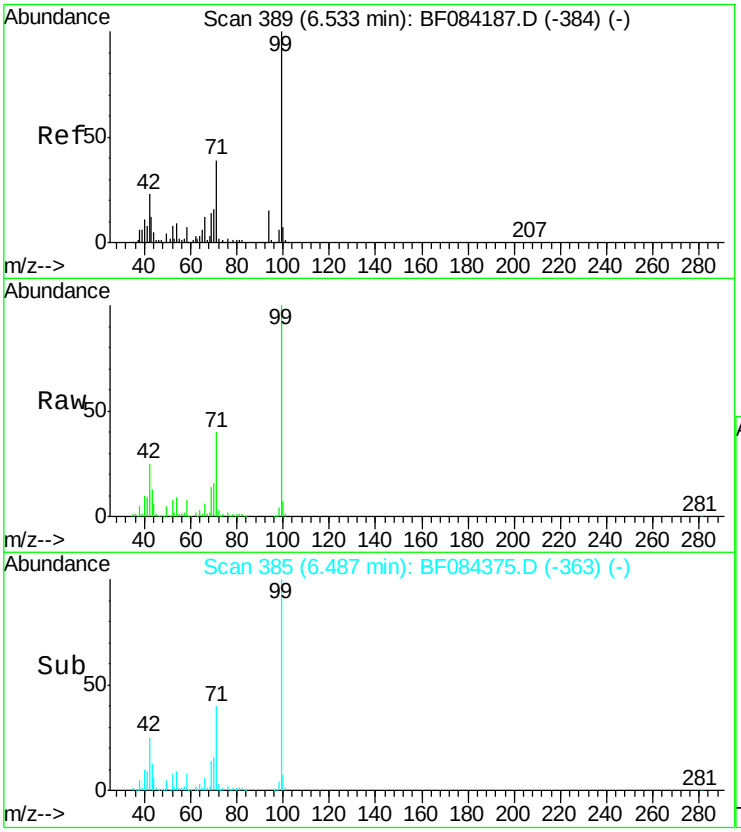


#5
2-Fluorophenol
Concen: 29.20 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:112 Resp: 450380

Ion	Ratio	Lower	Upper
112	100		
64	58.0	36.6	55.0#
63	29.8	19.4	29.0#



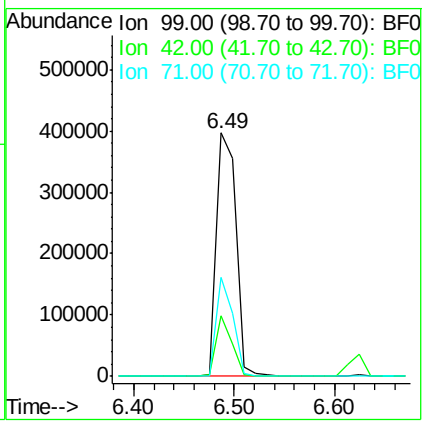


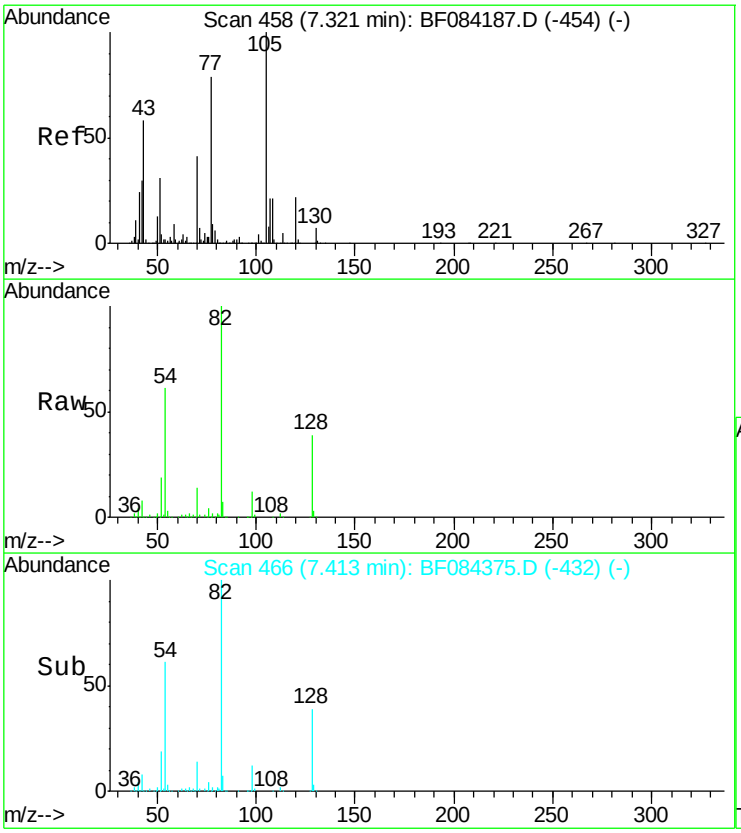
#7
Phenol-d6
Concen: 27.73 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion: 99 Resp: 537099

Ion	Ratio	Lower	Upper
99	100		
42	24.7	12.8	19.2#
71	40.4	30.9	46.3

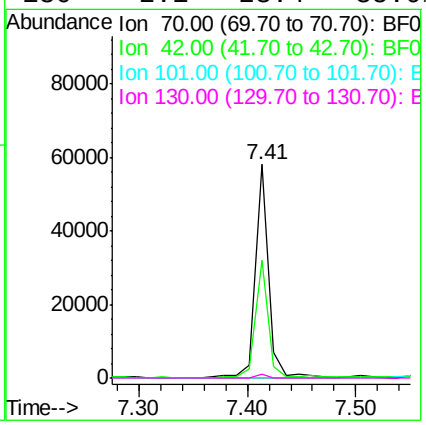


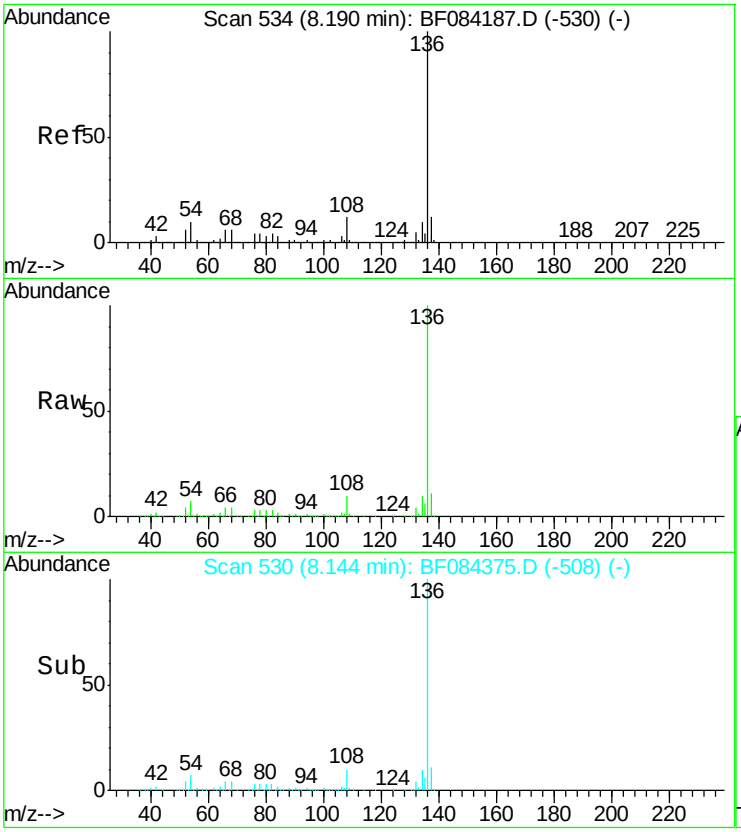


#19
n-Nitroso-di-n-propylamine
Concen: 3.83 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion: 70 Resp: 50180

Ion	Ratio	Lower	Upper
70	100		
42	55.3	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



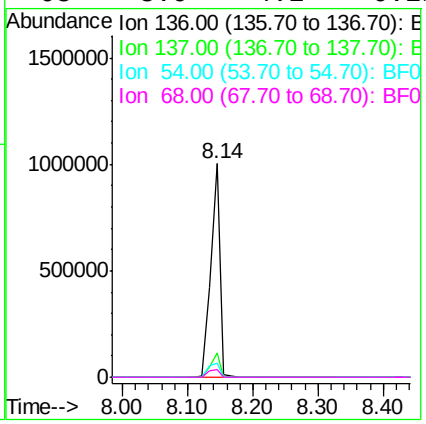


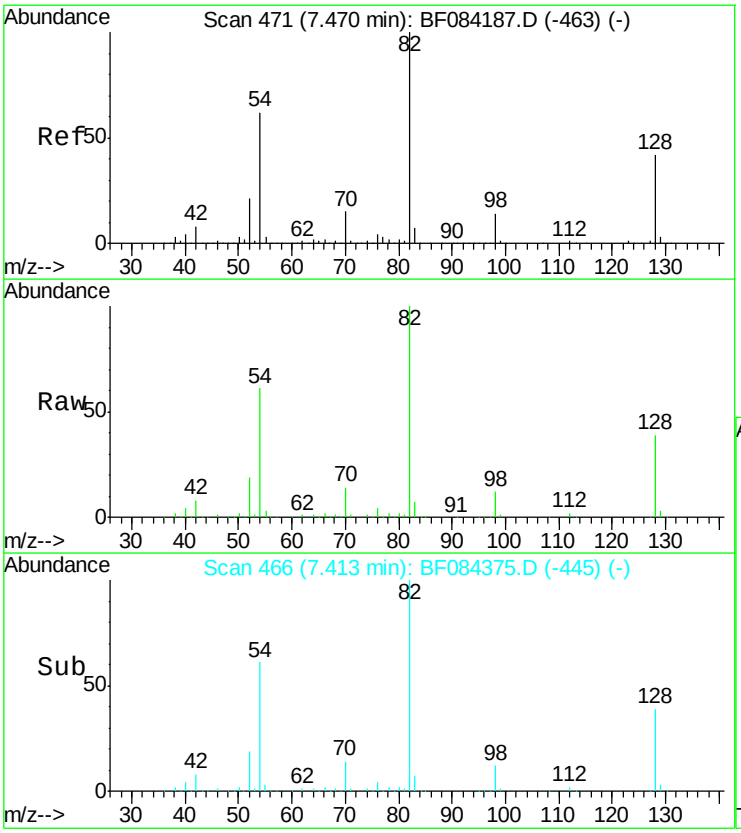
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:136 Resp: 1007311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.7	5.8	8.8
68	3.9	4.2	6.2#

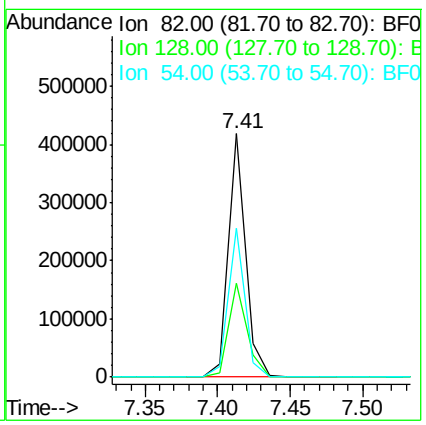


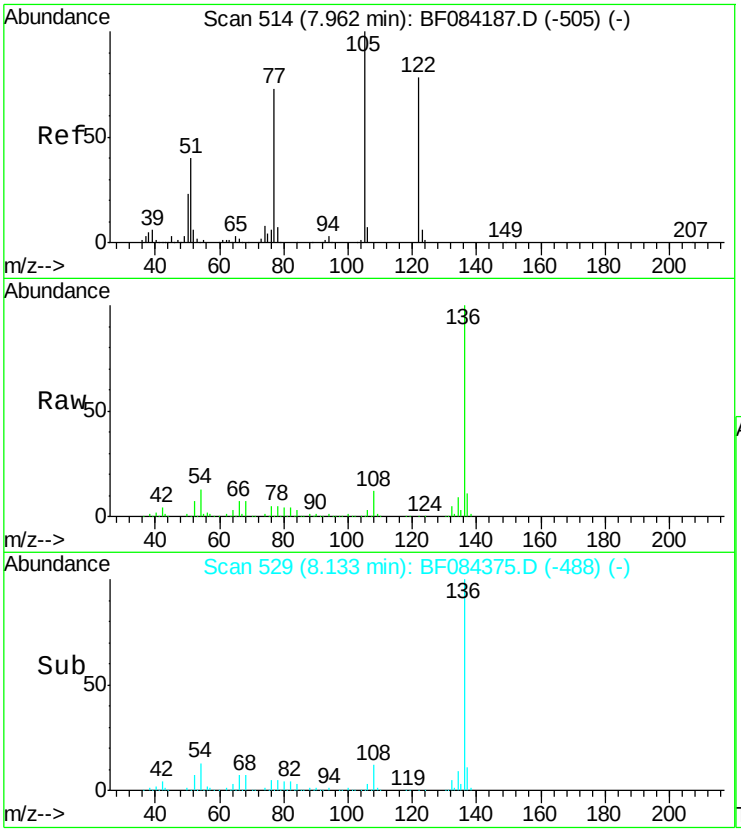


#23
Nitrobenzene-d5
Concen: 19.22 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion: 82 Resp: 347822

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.6	51.8
54	61.1	38.4	57.6#



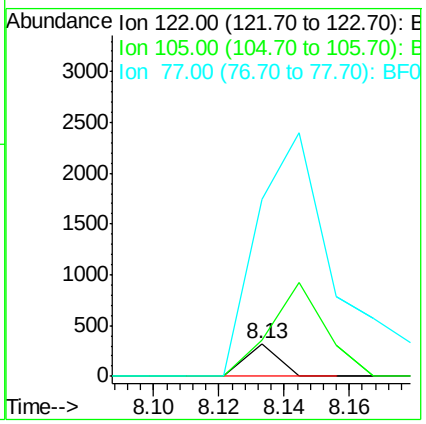


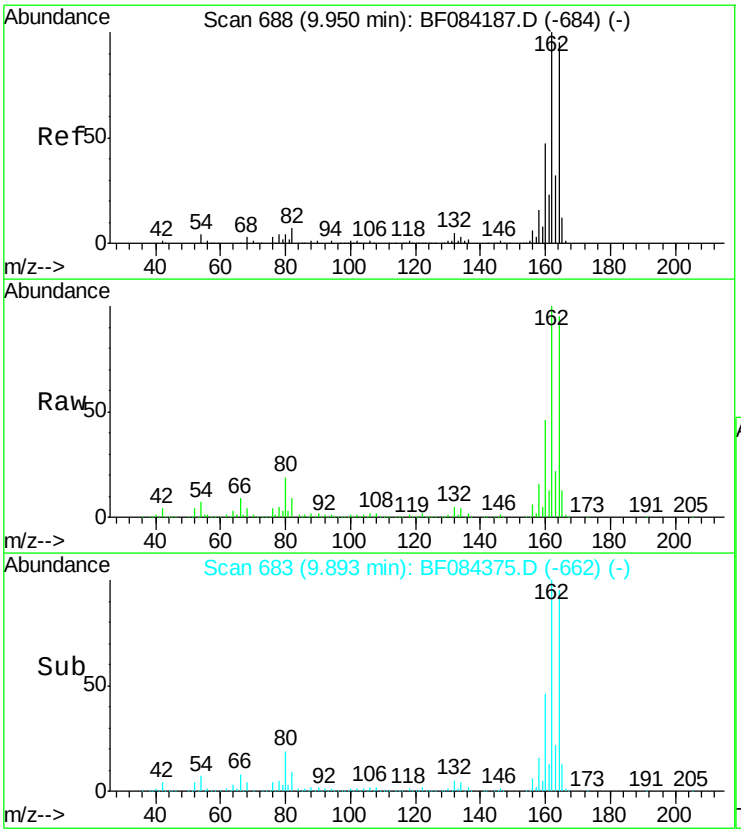
#32
Benzoic acid
Concen: 6.27 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.17 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:122 Resp: 219

Ion	Ratio	Lower	Upper
122	100		
105	111.3	100.3	140.3
77	544.1	63.5	103.5#

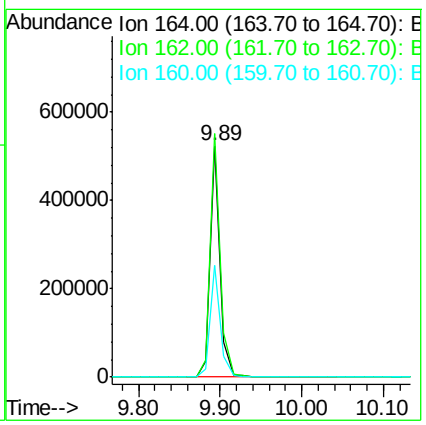


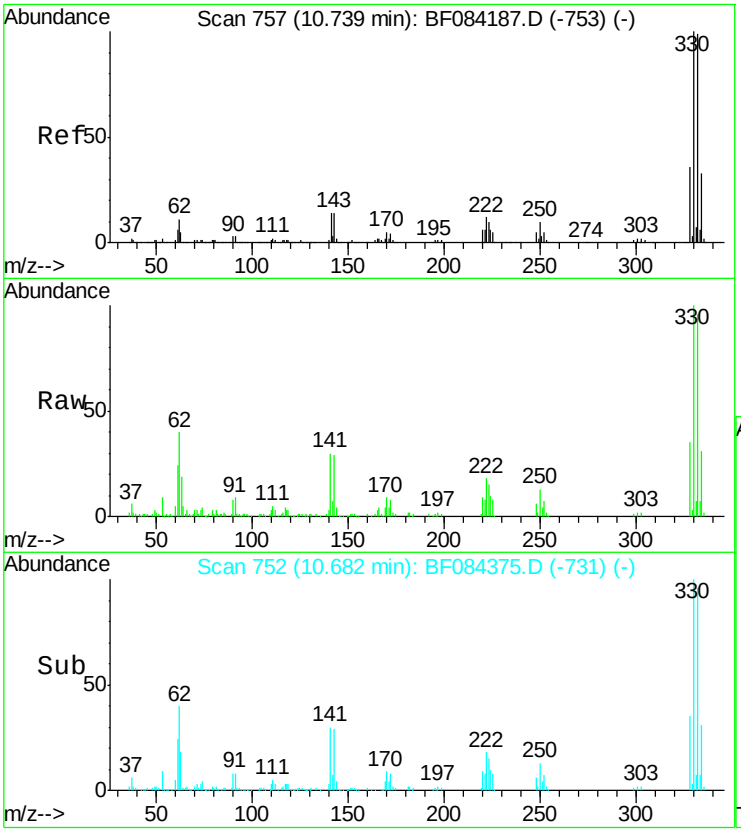


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:164 Resp: 447769

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	48.2	37.5	56.3



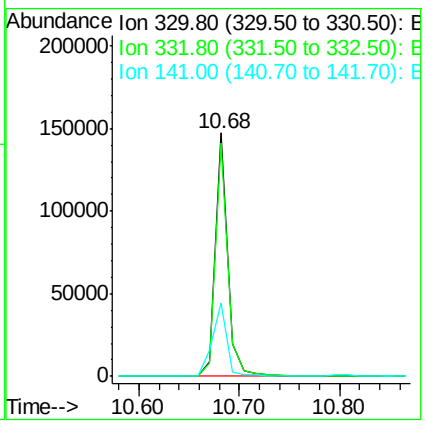


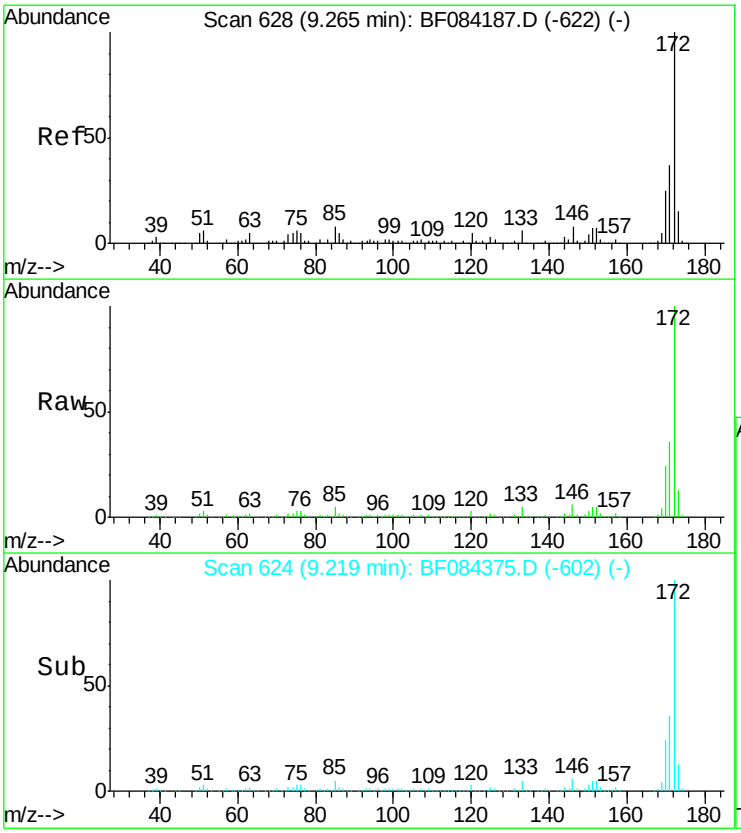
#41
2,4,6-Tribromophenol
Concen: 27.90 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:330 Resp: 126134

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	36.8	27.8	41.6

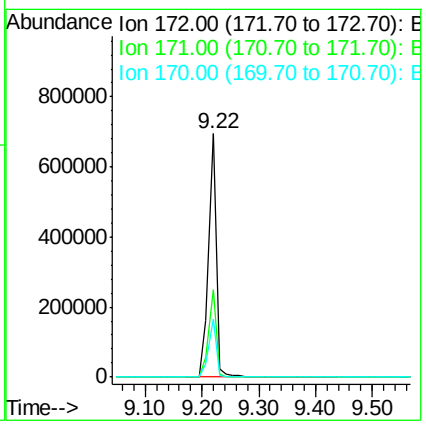


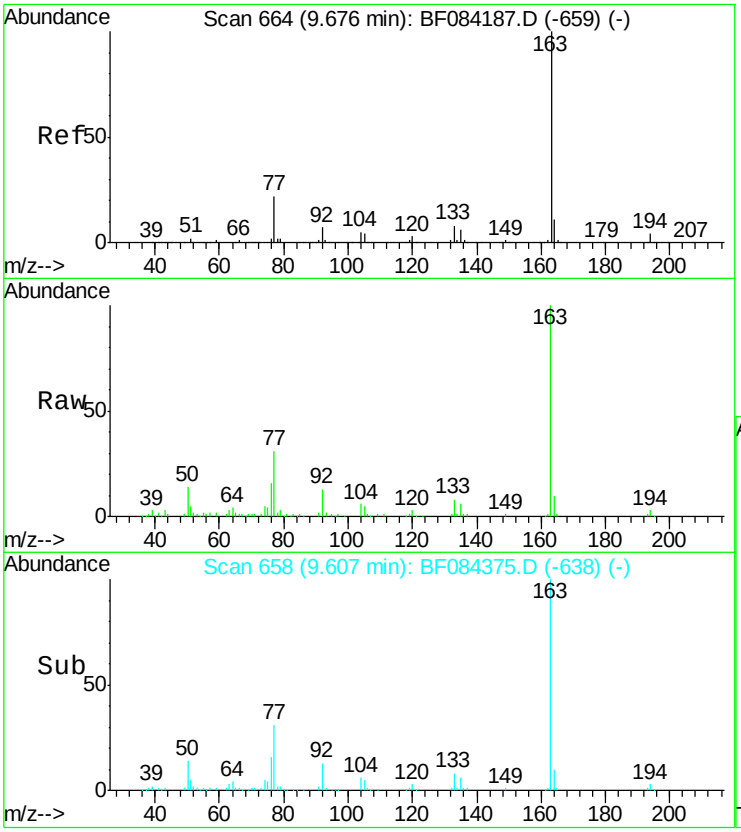


#44
2-Fluorobiphenyl
Concen: 19.85 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:172 Resp: 628772

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.8	18.6	27.8



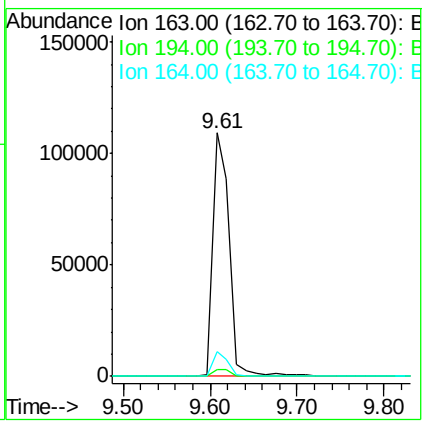


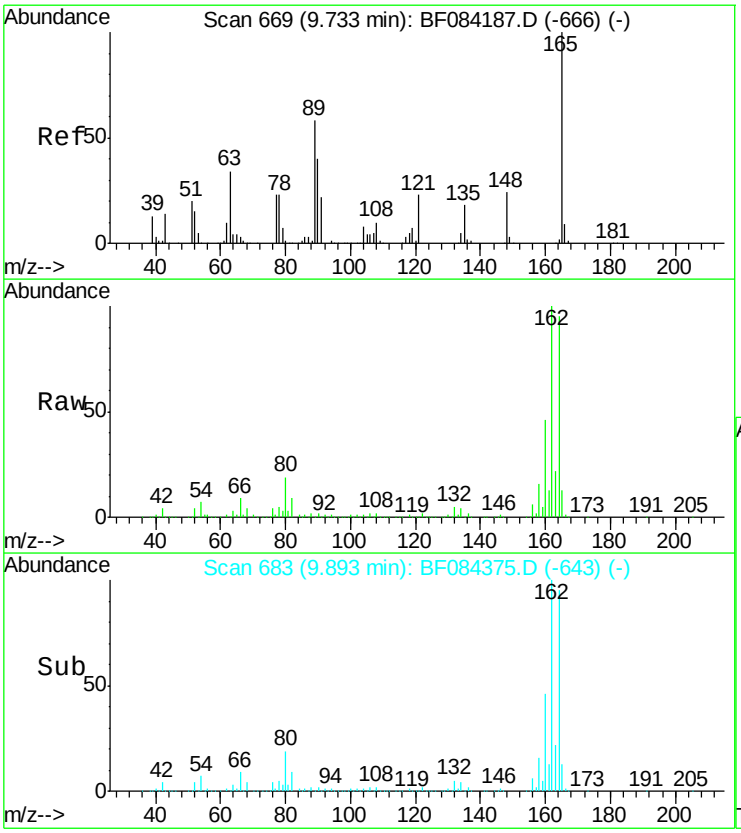
#49
Dimethylphthalate
Concen: 4.55 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:163 Resp: 145689

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.4	8.0	12.0

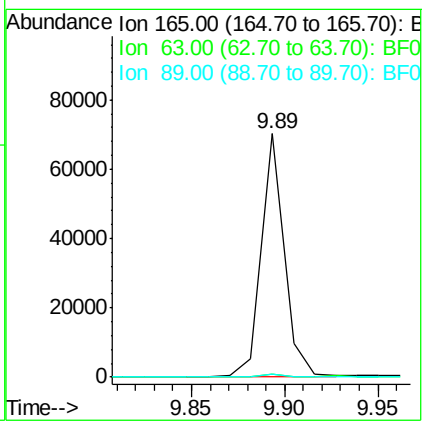


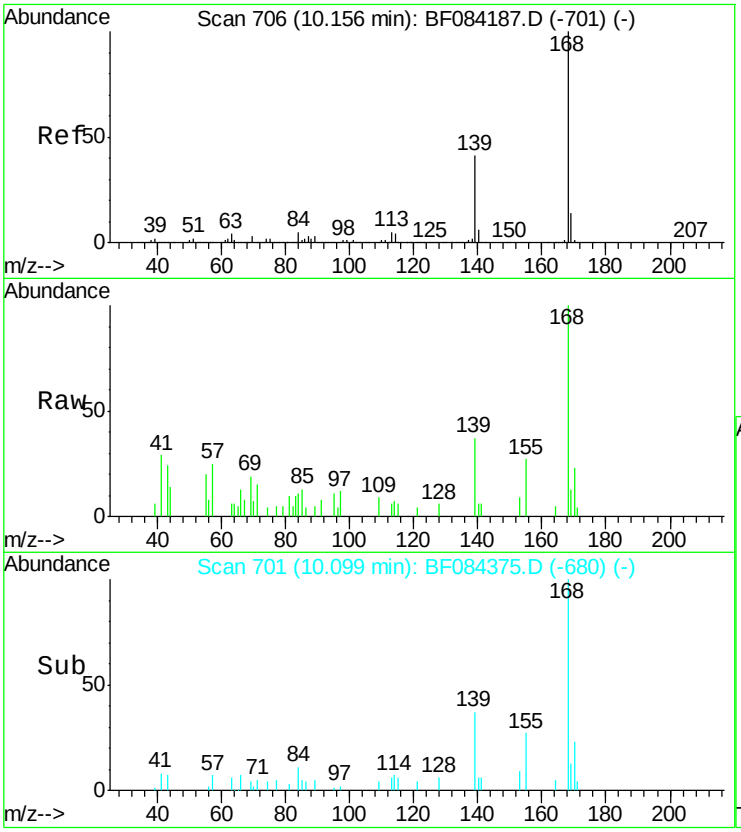


#50
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:165 Resp: 59793

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.1	35.1	52.7#



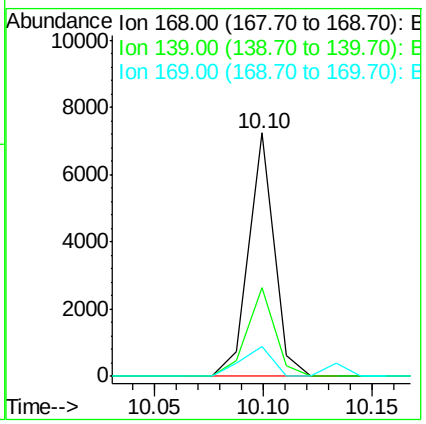


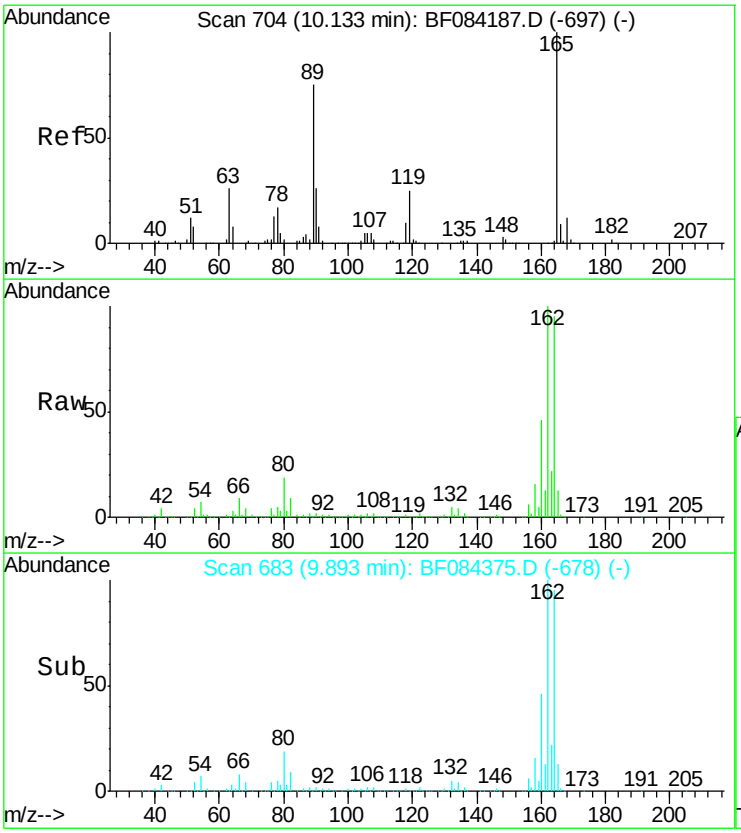
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:168 Resp: 5920

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	12.5	10.4	15.6

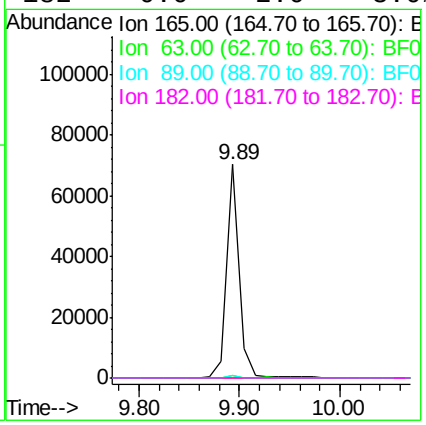


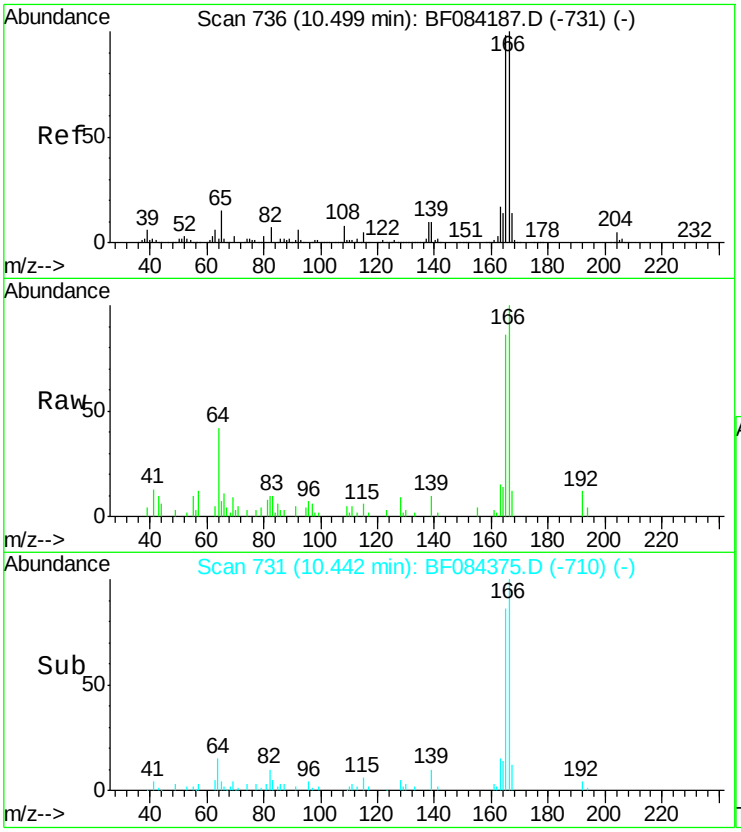


#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:165 Resp: 60834

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



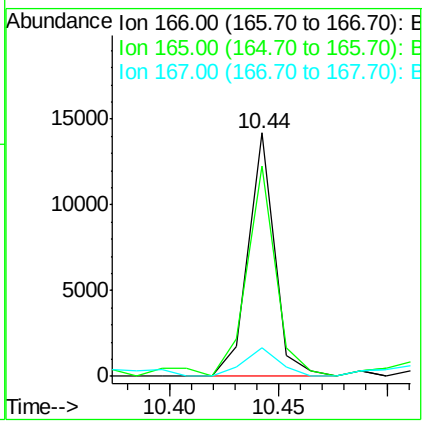


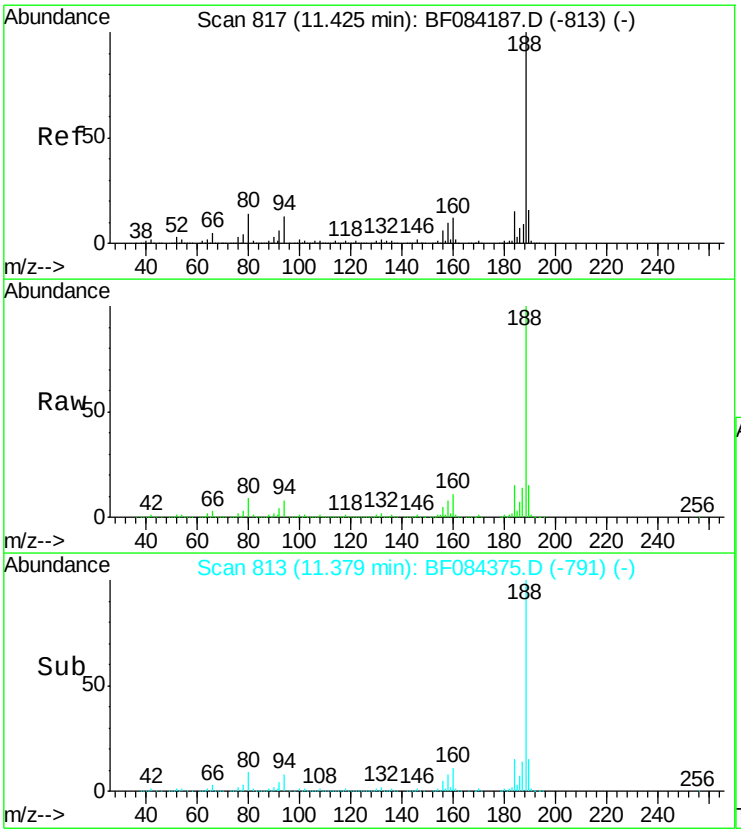
#57
Fluorene
Concen: Below Cal
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:166 Resp: 11991

Ion	Ratio	Lower	Upper
166	100		
165	86.1	79.1	118.7
167	11.9	10.4	15.6

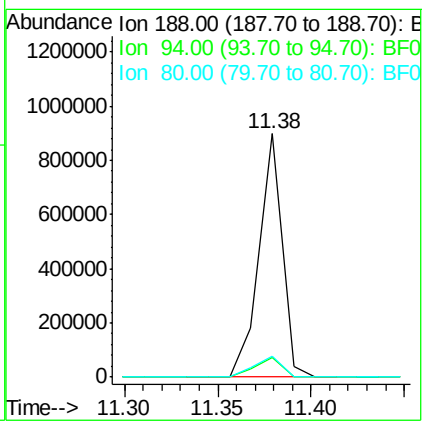


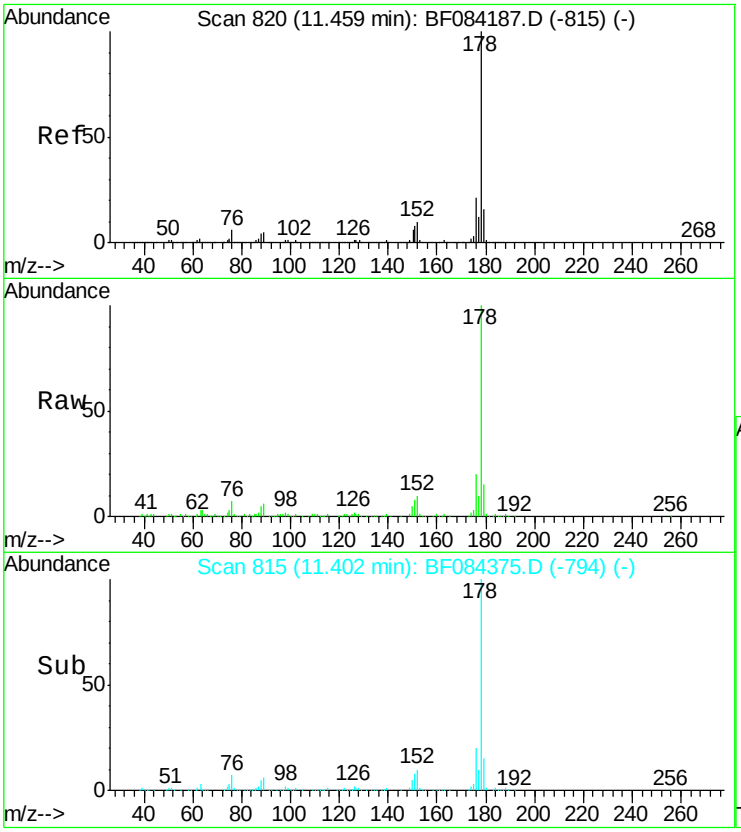


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:188 Resp: 768773

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.7	9.6	14.4#



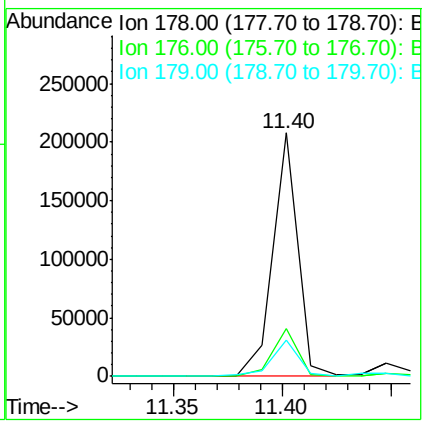


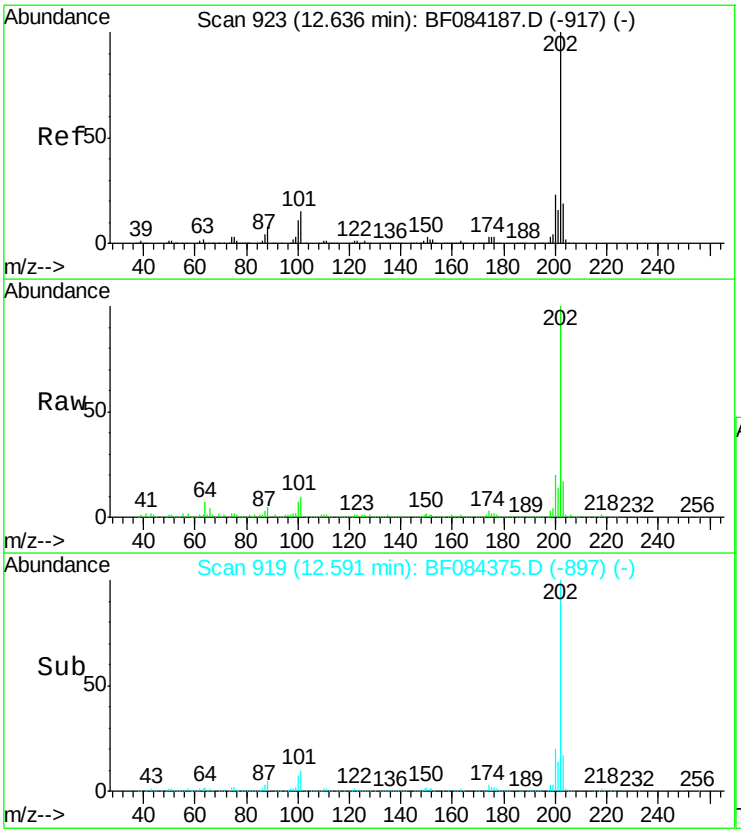
#70
Phenanthrene
Concen: 4.19 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:178 Resp: 168658

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	14.8	12.0	18.0

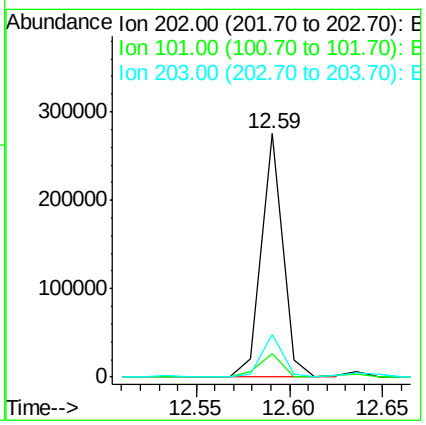


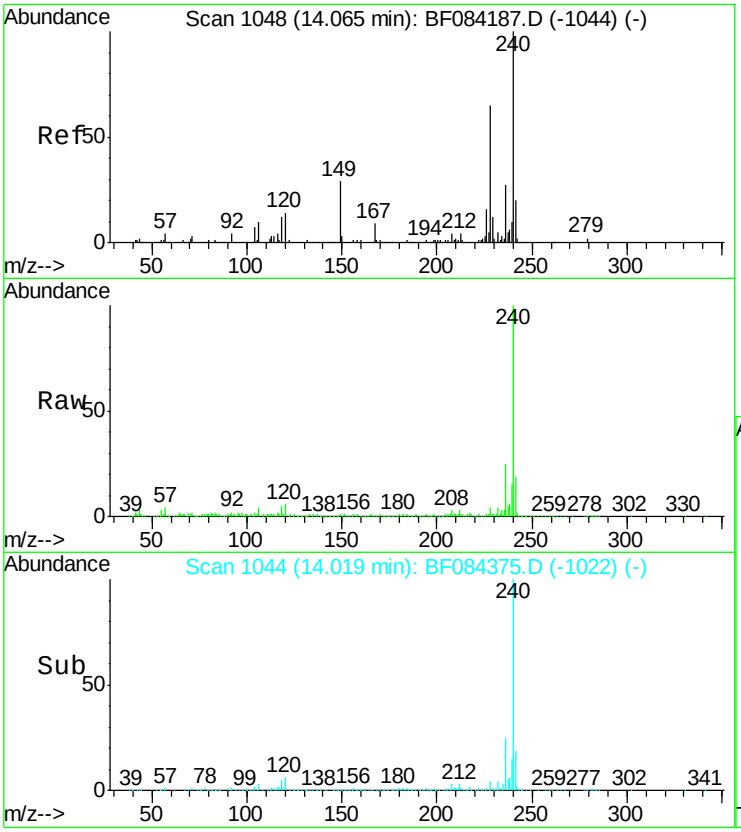


#74
Fluoranthene
Concen: 5.19 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:202 Resp: 217967

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	32.8
203	17.3	0.0	37.9



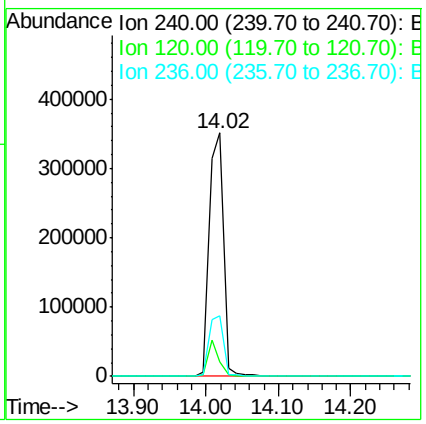


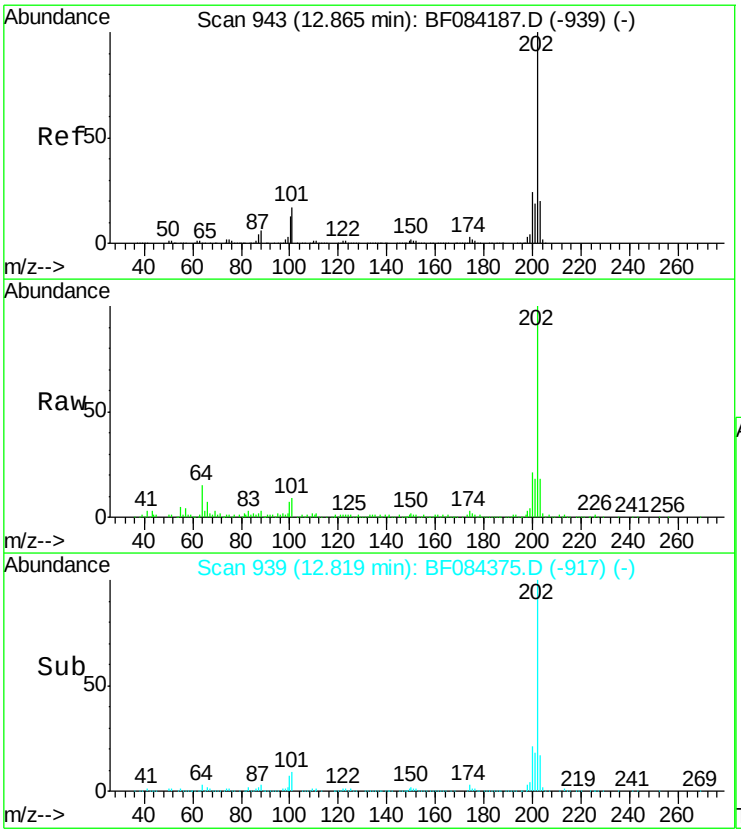
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:240 Resp: 480758

Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	25.1	20.6	31.0

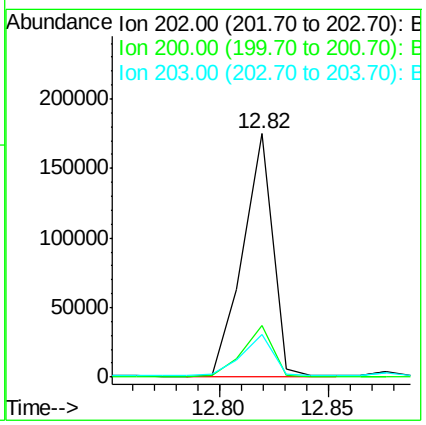


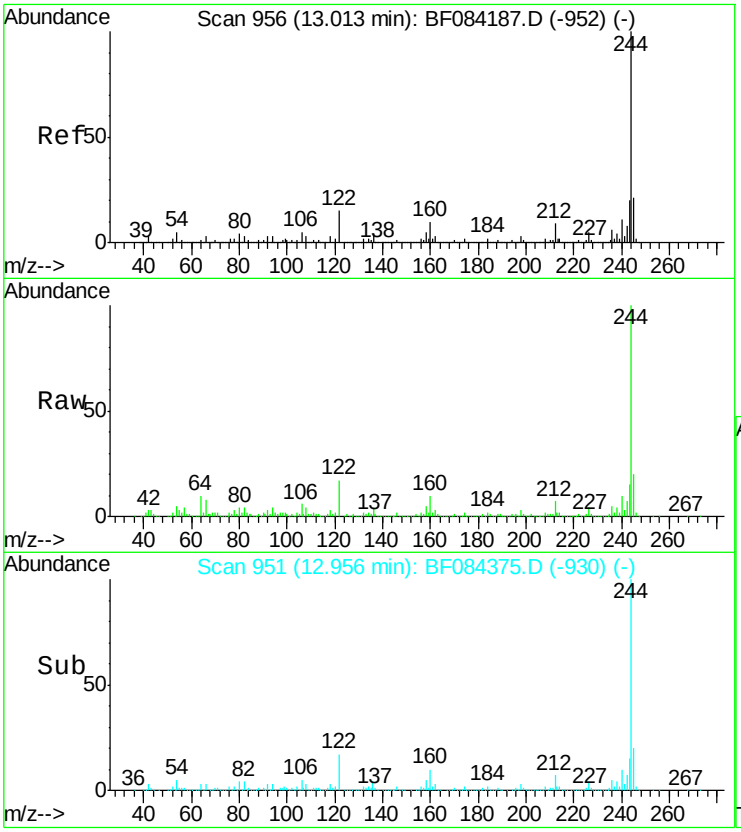


#77
Pyrene
Concen: 4.47 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:202 Resp: 168505

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.7	14.3	21.5



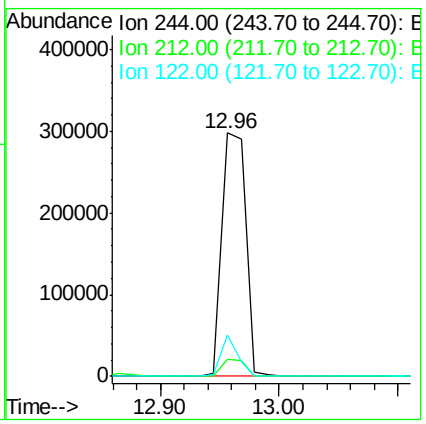


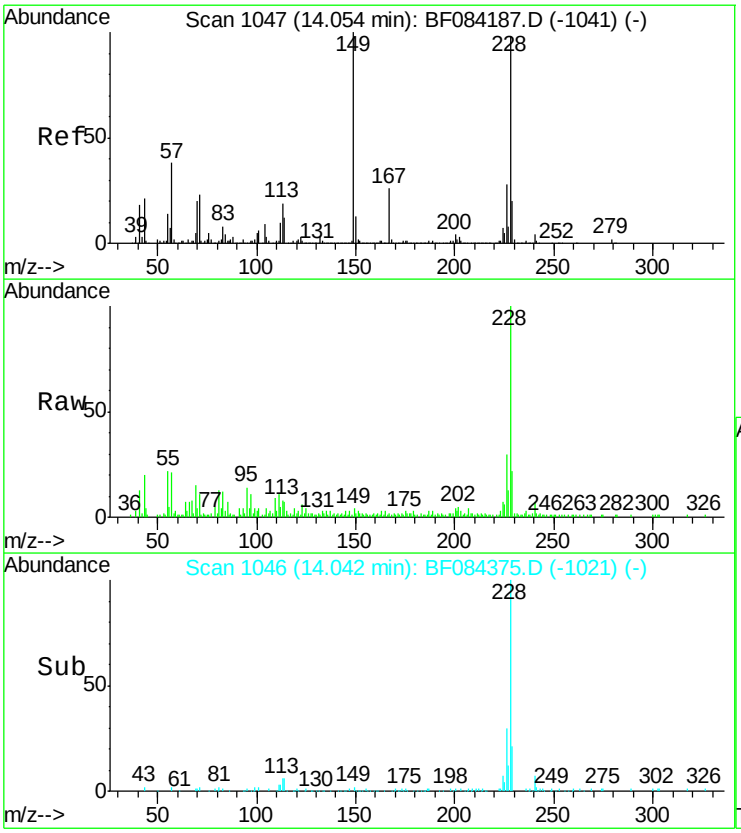
#78
Terphenyl-d14
Concen: 19.13 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:244 Resp: 412113

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	17.2	7.4	11.0#

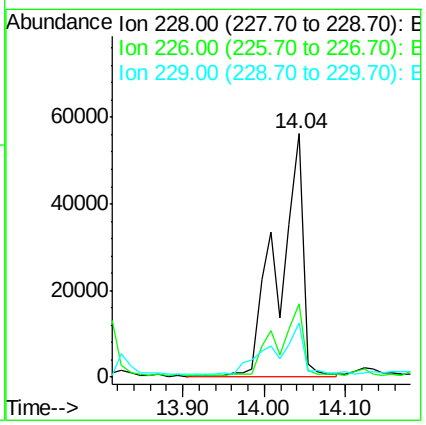


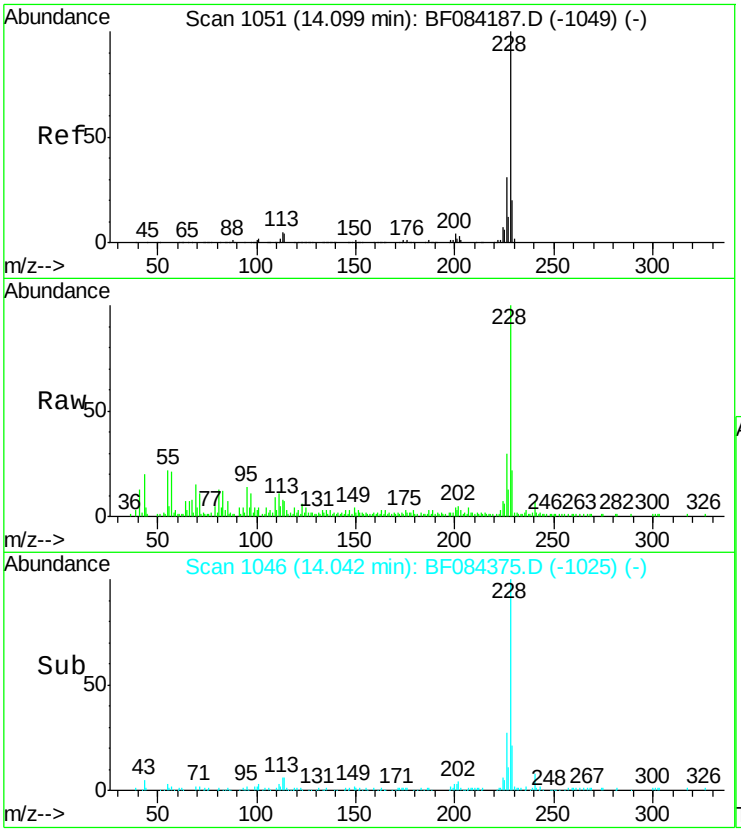


#80
Benzo(a)anthracene
Concen: 4.21 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:228 Resp: 118774

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.8	32.6
229	22.1	15.8	23.8



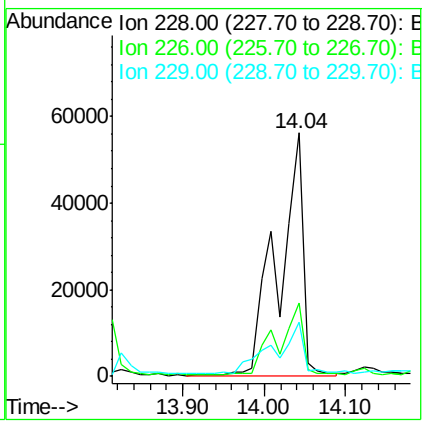


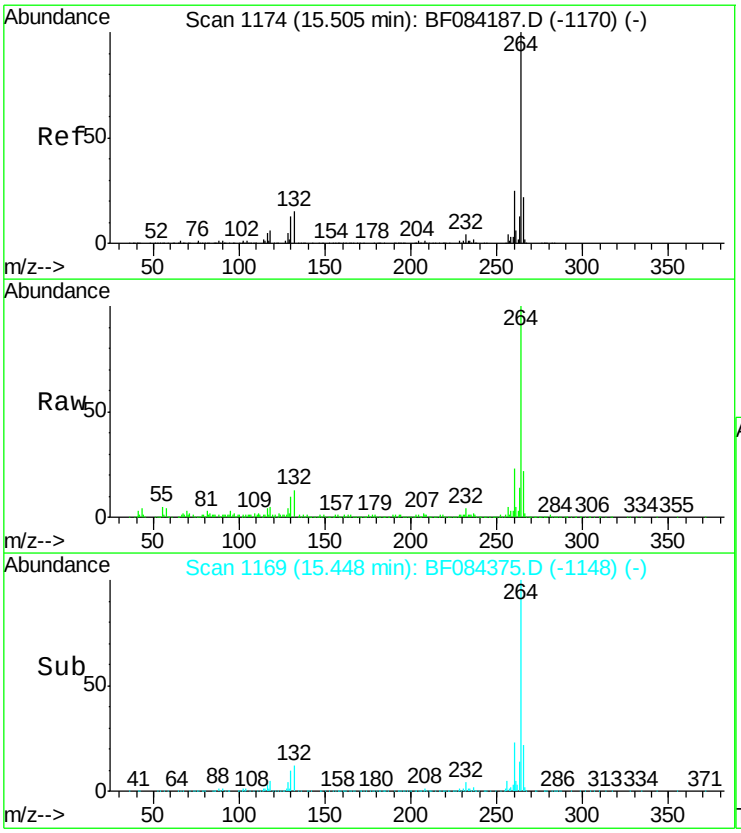
#82
Chrysene
Concen: 4.38 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:228 Resp: 118774

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	22.1	16.1	24.1

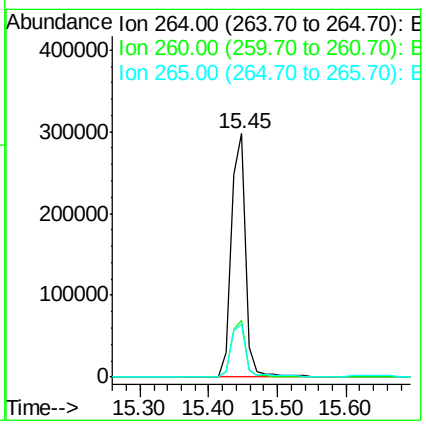


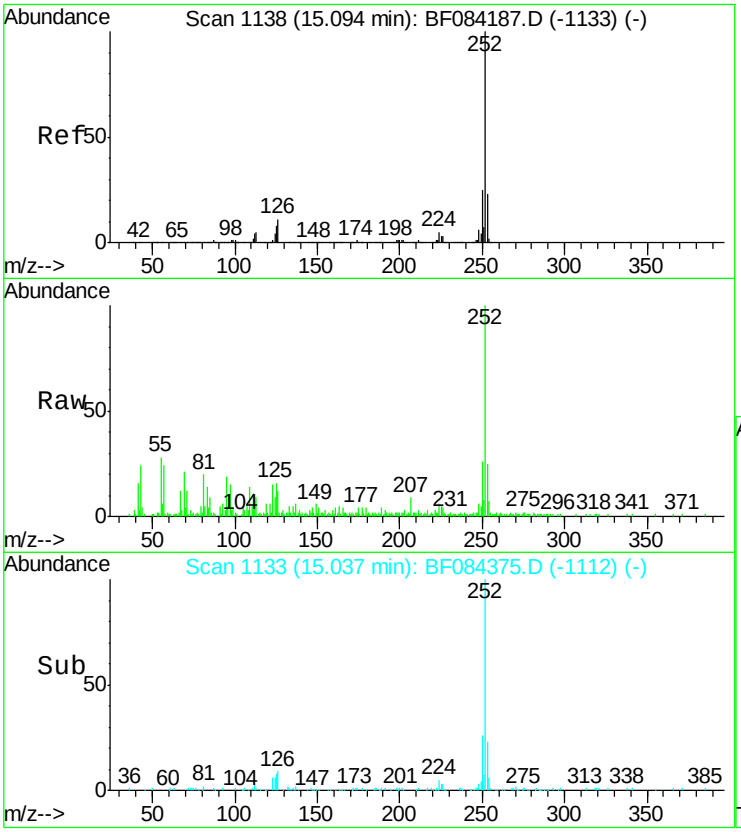


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:264 Resp: 437608

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.7	17.8	26.6



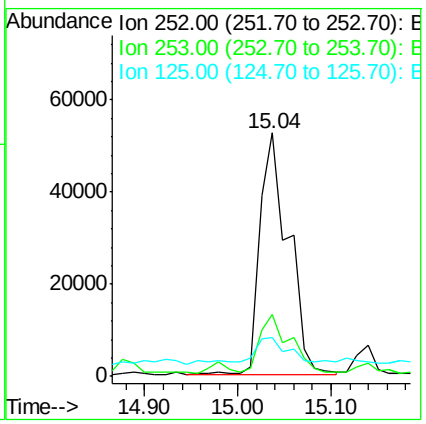


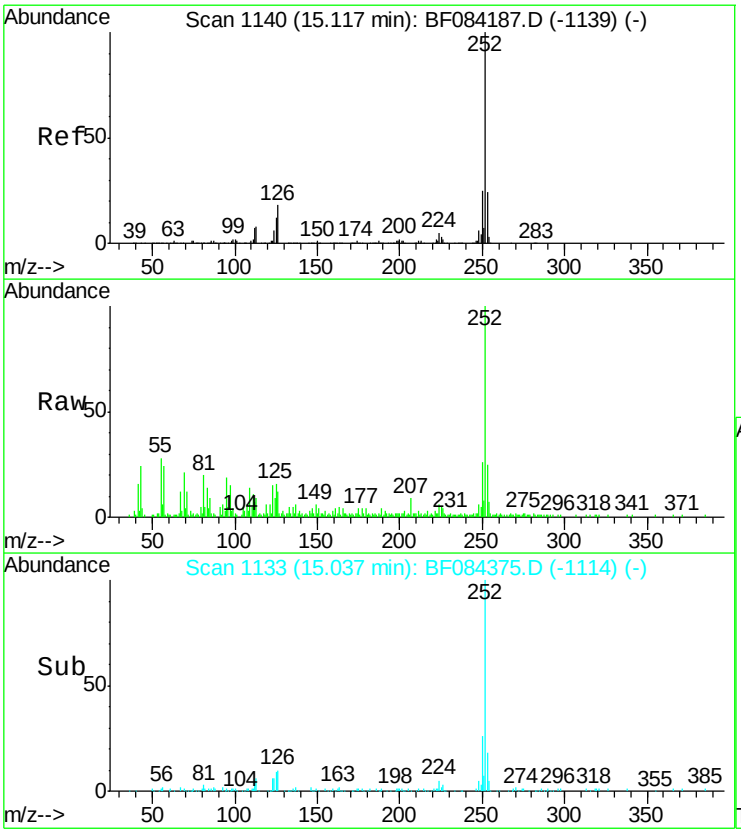
#87
Benzo(b)fluoranthene
Concen: 3.85 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SB-5S(0-10)

Tgt Ion:252 Resp: 110344

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.3	25.9
125	15.9	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 4.71 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.08 min
Lab File: BF084375.D
Acq: 11 Jan 2016 13:06

Tgt Ion:252 Resp: 110344

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	15.9	9.0	13.6#