Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
Data File : BF088575.D
Acq On : 1 Jul 2016 15:20
Operator : UM/SJ
Sample : H3808-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 01 16:25:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139653	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	513938	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	224638	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	397641	20.00	ng		0.00
75) Chrysene-d12	13.94	240	278222	20.00	ng		-0.01
86) Perylene-d12	15.35	264	276031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	179332	19.25	ng		-0.01
7) Phenol-d6	6.43	99	230054	19.11	ng		-0.01
23) Nitrobenzene-d5	7.36	82	123422	12.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	38456	18.44	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	229116	16.11	ng		-0.01
78) Terphenyl-d14	12.90	244	170960	13.69	ng		-0.01
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.84	165	28802	8.12	ng	#	40
56) 2,4-Dinitrotoluene	9.84	165	28796	6.21	ng	#	38
70) Phenanthrene	11.35	178	217048	9.99	ng		97
71) Anthracene	11.39	178	60431	2.80	ng		97
74) Fluoranthene	12.52	202	328471	14.91	ng		98
77) Pyrene	12.75	202	298285	12.64	ng		99
79) Butylbenzylphthalate	13.38	149	50471	4.80	ng		95
80) Benzo(a)anthracene	13.93	228	158641	8.86	ng		98
82) Chrysene	13.93	228	158641	8.95	ng		96
83) Bis(2-ethylhexyl)phthalate	13.94	149	63734	5.31	ng		95
85) Indeno(1,2,3-cd)pyrene	16.69	276	63315	4.64	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	215101	12.42	ng	#	94
88) Benzo(k)fluoranthene	14.95	252	215101	14.27	ng		99
89) Benzo(a)pyrene	15.23	252	79834	5.45	ng		96
91) Benzo(g,h,i)perylene	17.10	276	59790	4.72	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
Data File : BF088575.D
Acq On : 1 Jul 2016 15:20
Operator : UM/SJ
Sample : H3808-15 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 01 16:25:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
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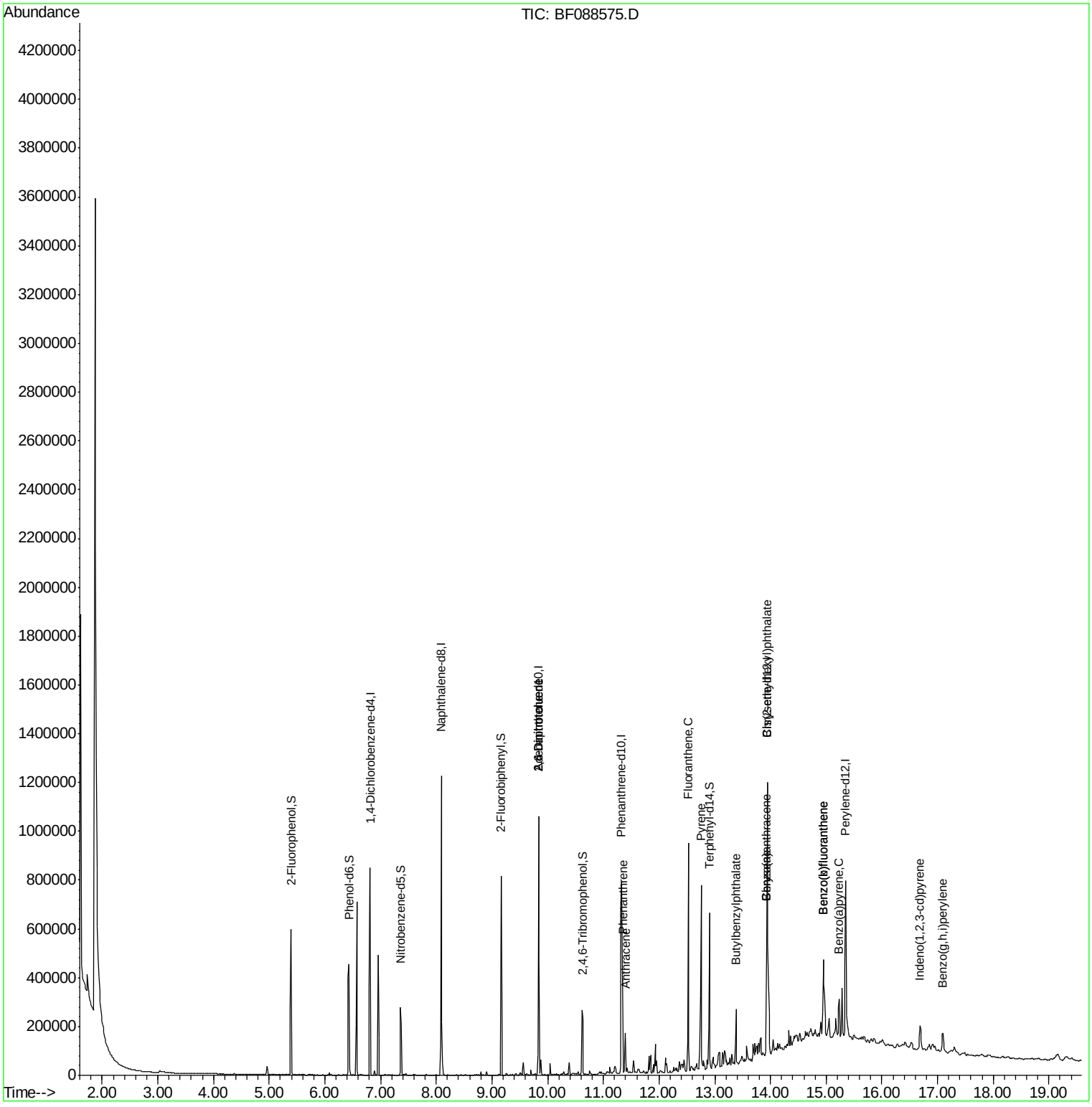
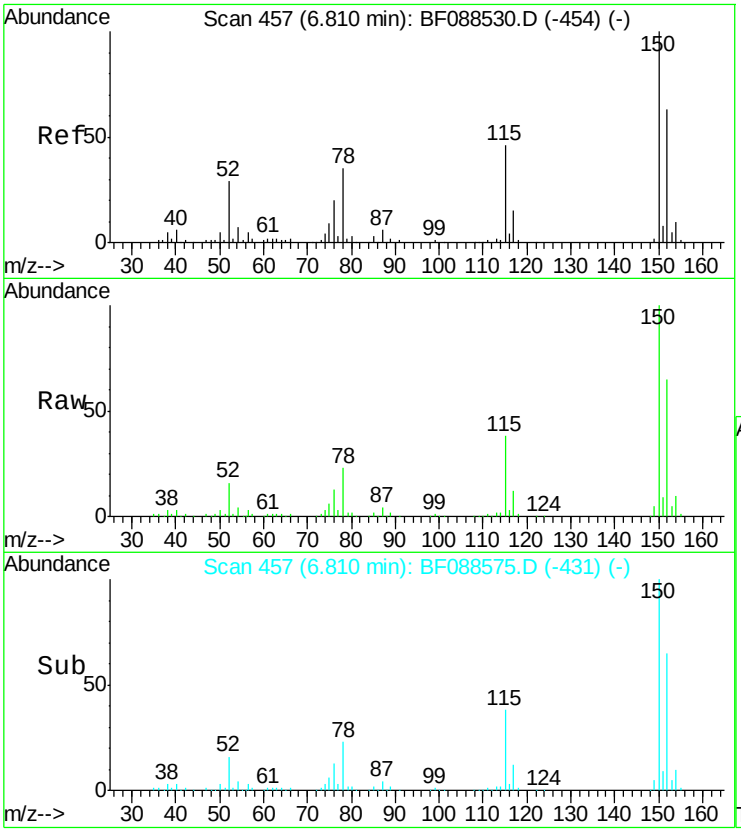
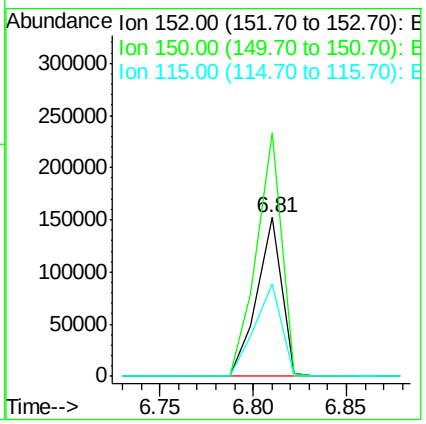




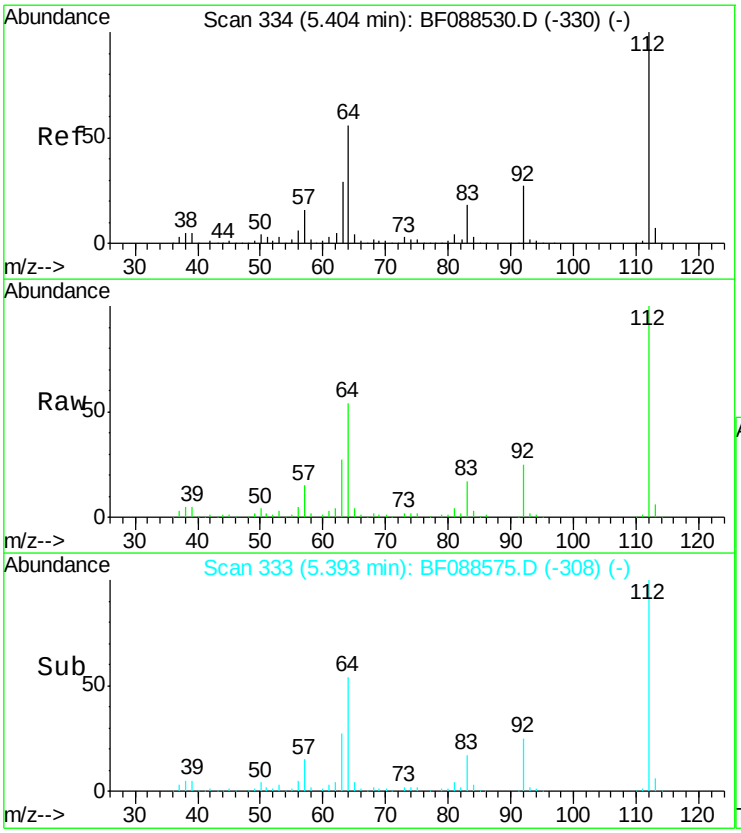
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:152 Resp: 139653

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	58.4	39.6	59.4



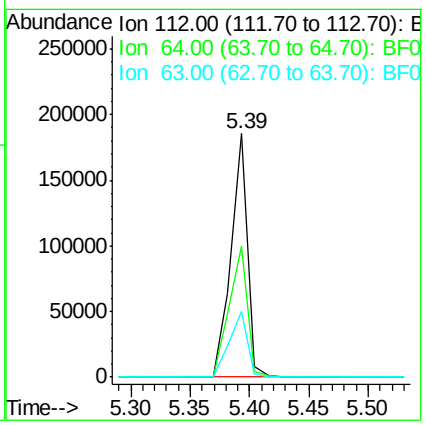
Instrument :
BNA_F
ClientSampleId :

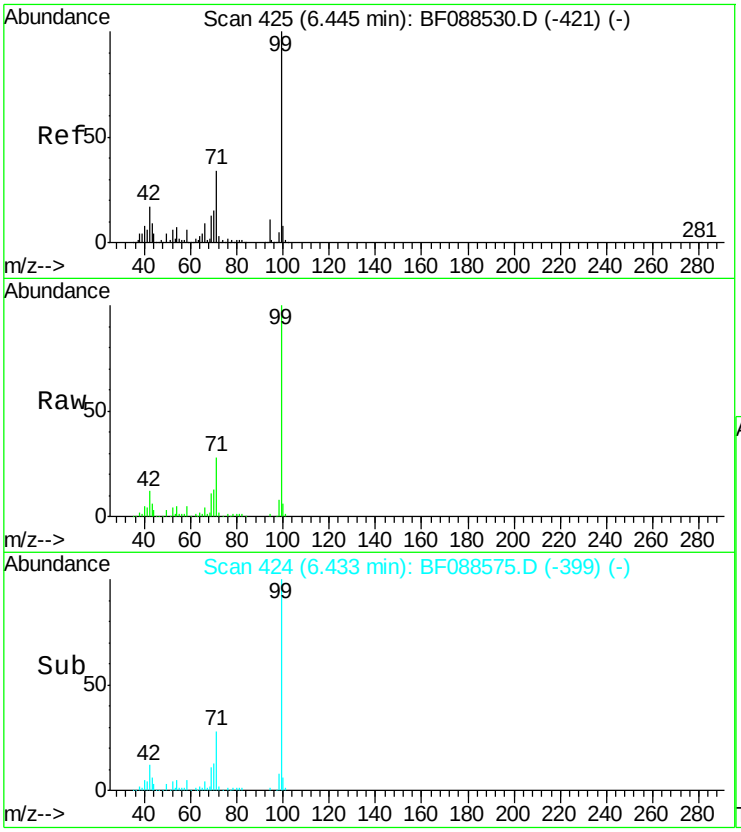


#5
2-Fluorophenol
Concen: 19.25 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:112 Resp: 179332

Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	27.2	21.8	32.8



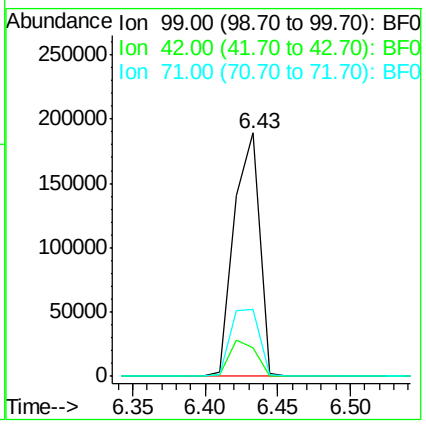


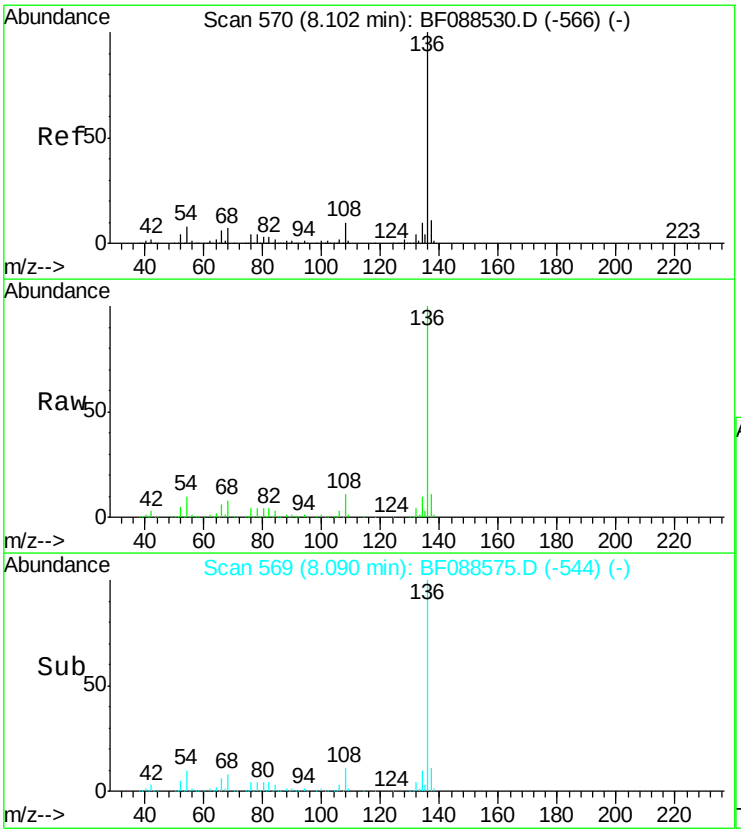
#7
Phenol-d6
Concen: 19.11 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 230054

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	27.7	23.4	35.0

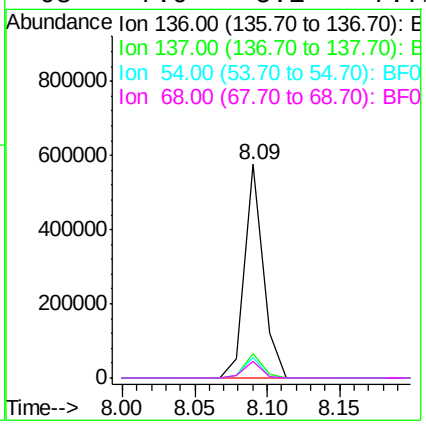


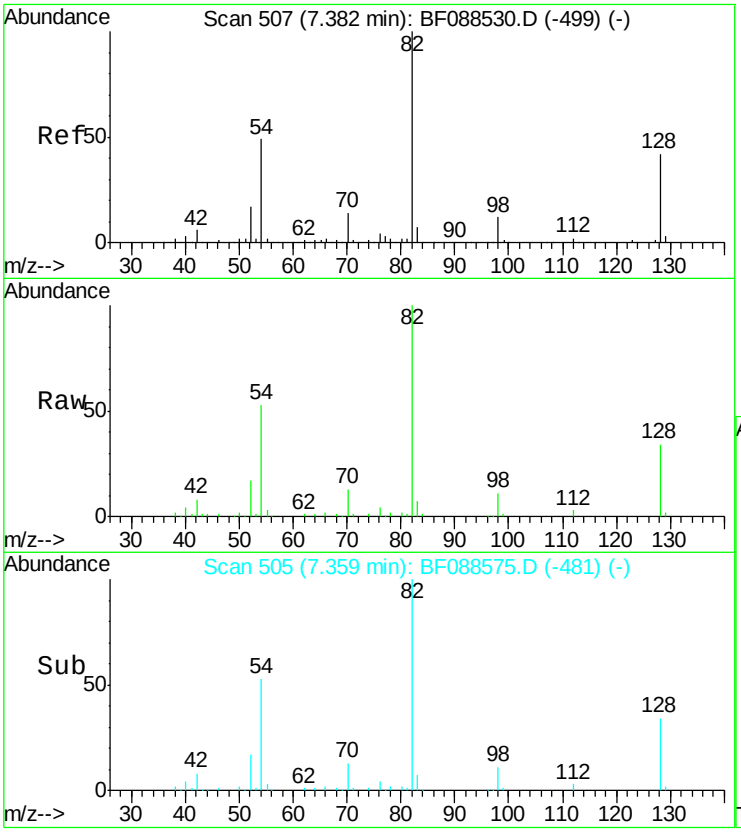


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:136 Resp: 513938

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	6.6	10.0
68	7.9	5.1	7.7#



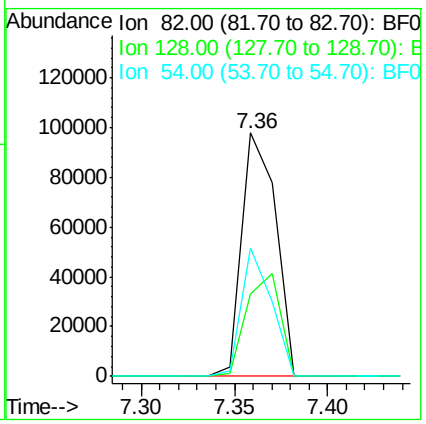


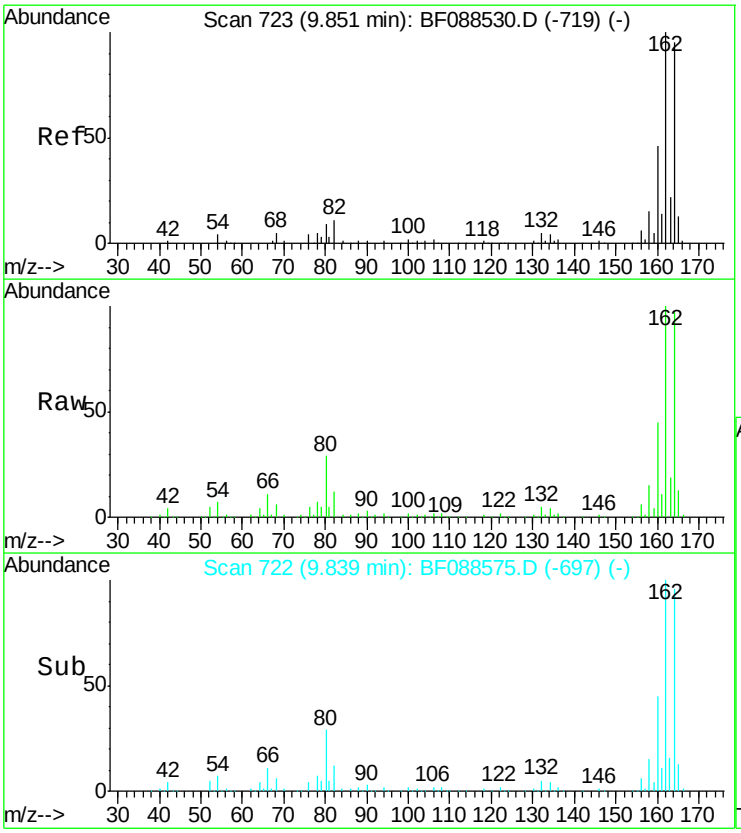
#23
Nitrobenzene-d5
Concen: 12.58 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 123422

Ion	Ratio	Lower	Upper
82	100		
128	33.6	35.9	53.9#
54	52.9	40.9	61.3

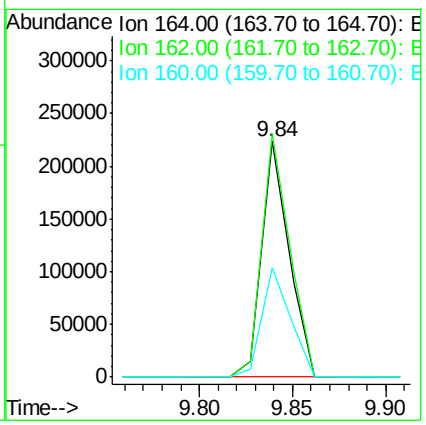


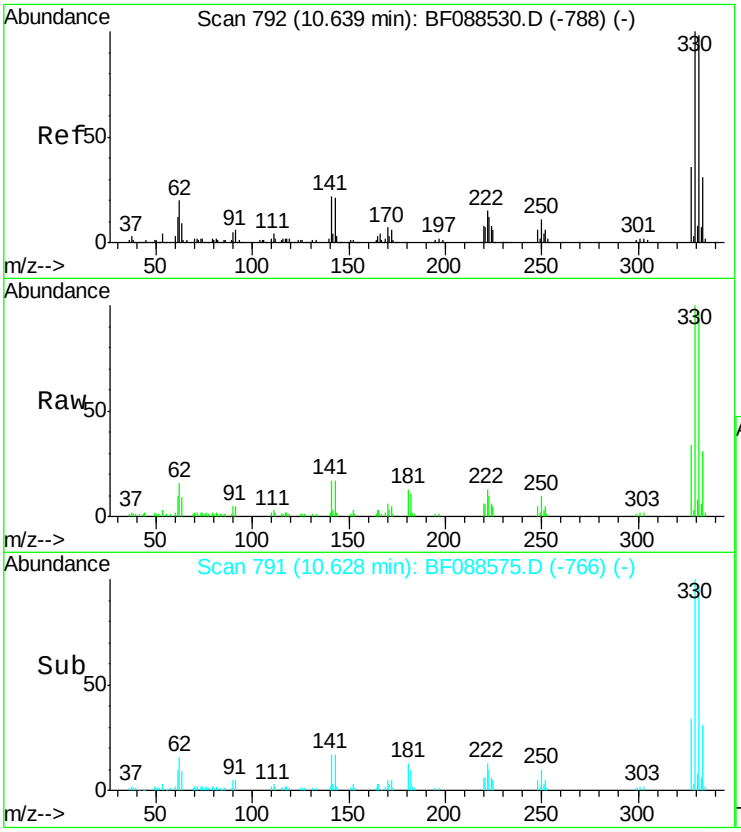


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:164 Resp: 224638

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.6	39.5	59.3



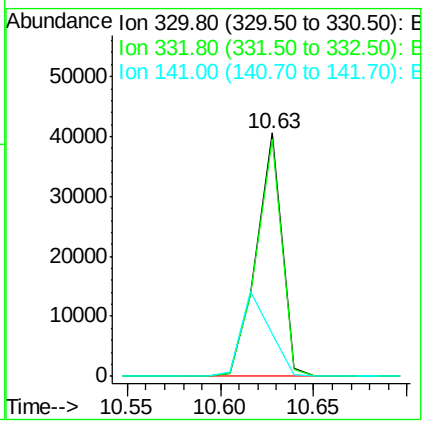


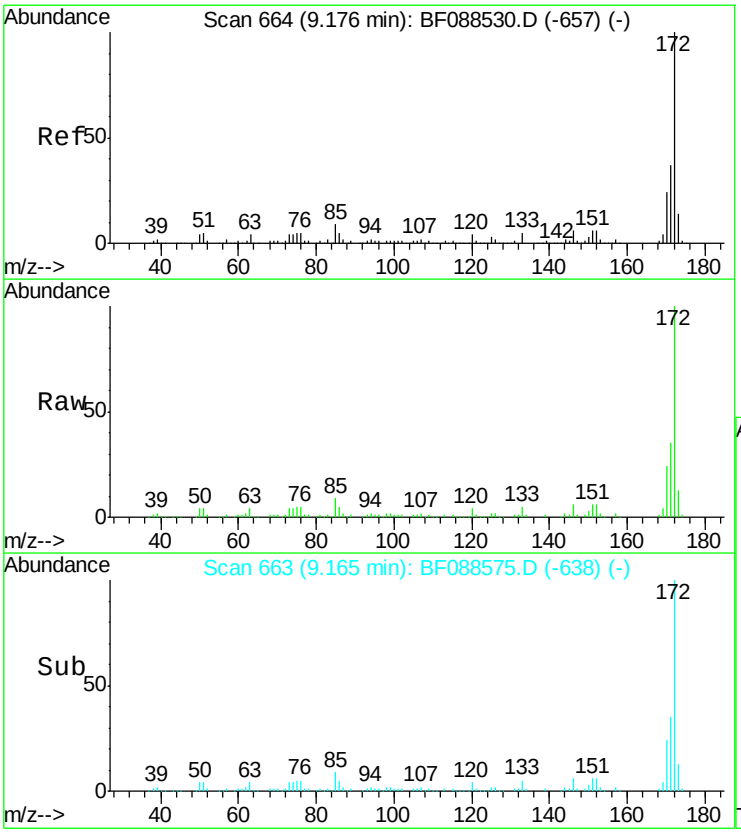
#41
2,4,6-Tribromophenol
Concen: 18.44 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 38456

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	39.5	0.0	0.0#

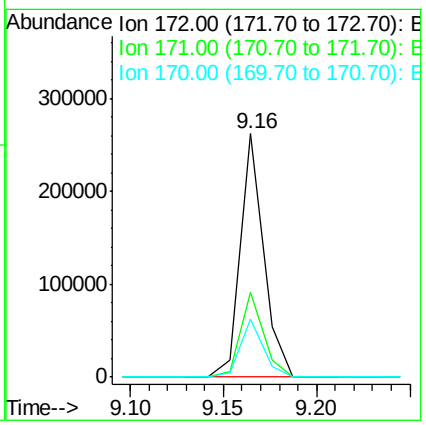


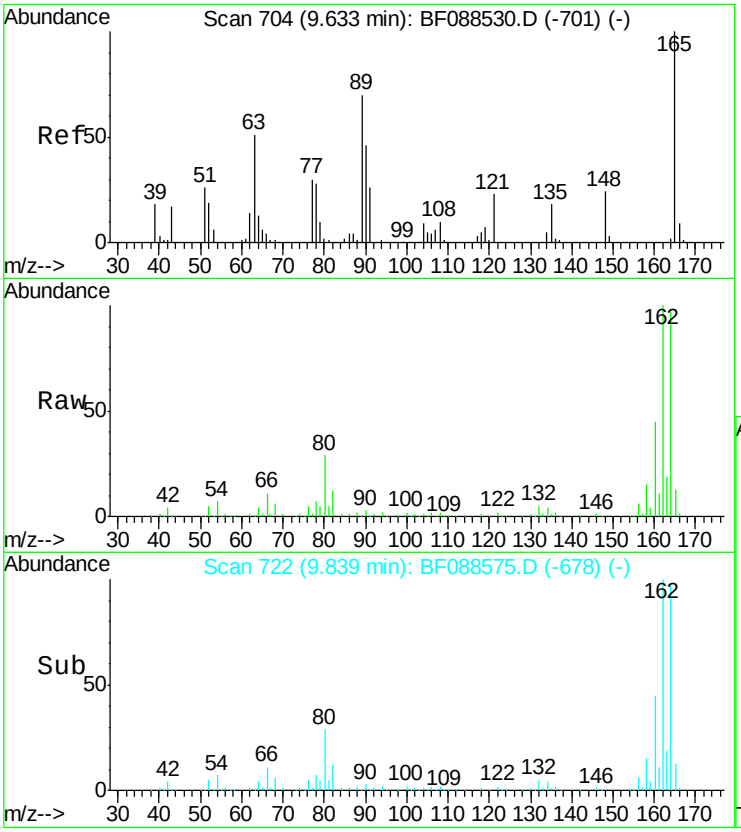


#44
2-Fluorobiphenyl
Concen: 16.11 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:172 Resp: 229116

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.7	19.2	28.8



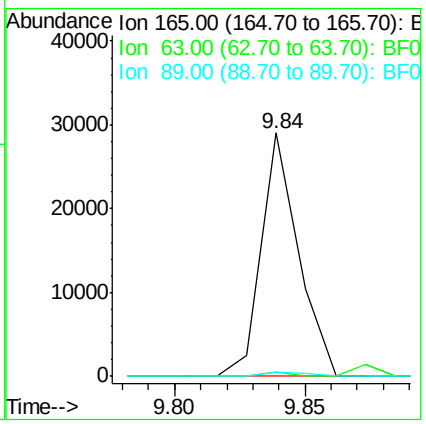


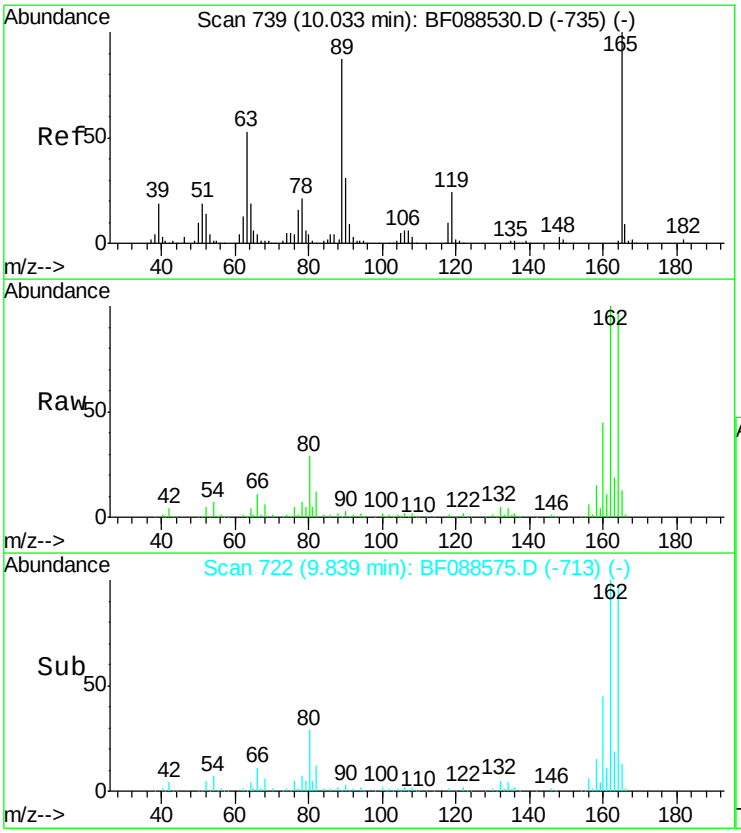
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.21 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28802

Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.7	32.2	48.2#

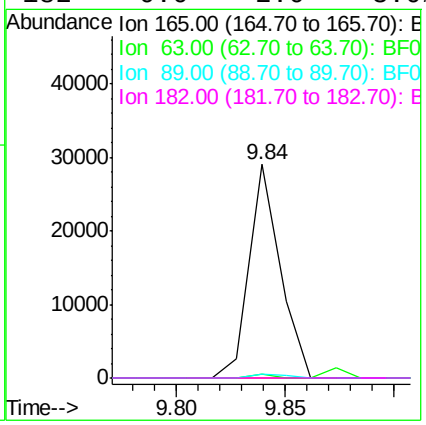


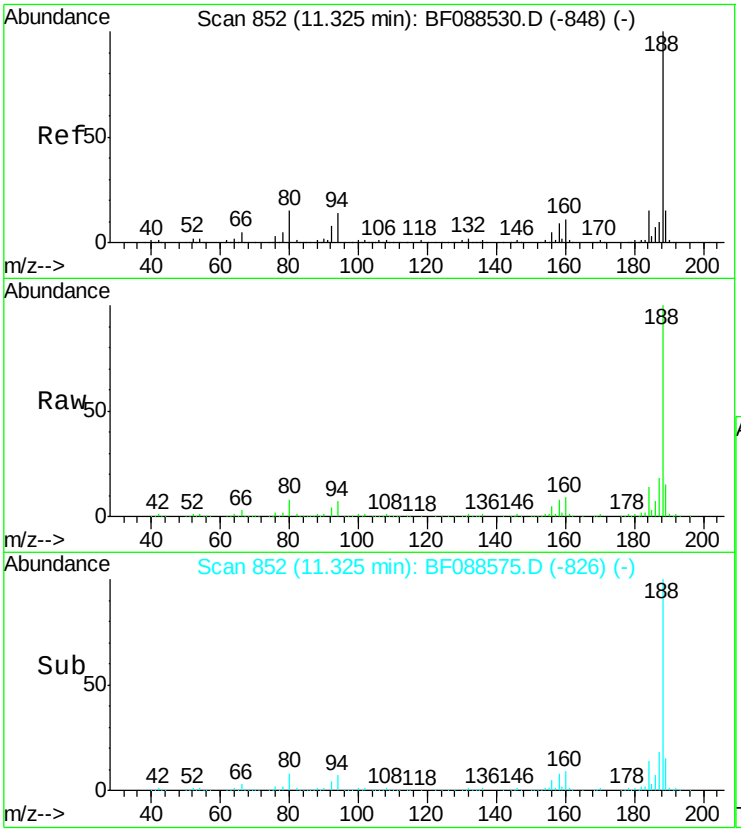


#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:165 Resp: 28796

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



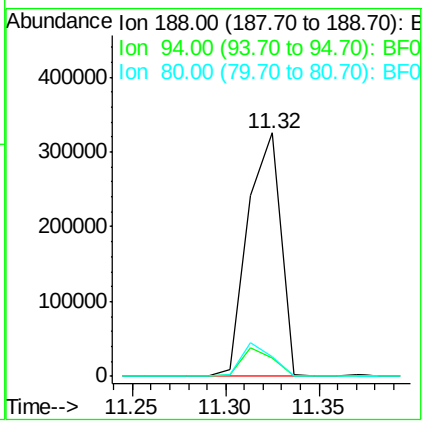


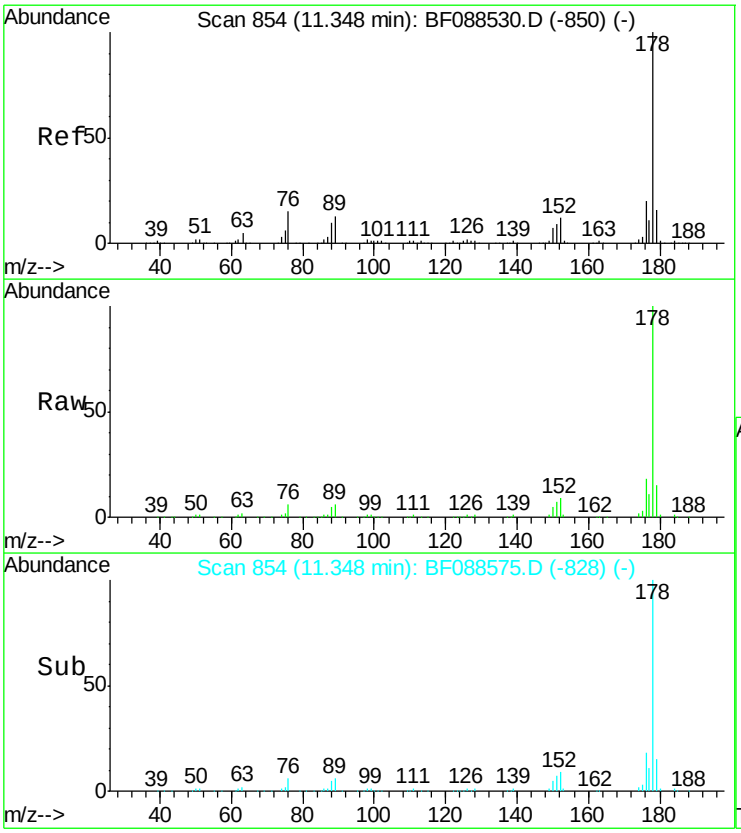
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 397641

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	8.0	10.0	15.0#

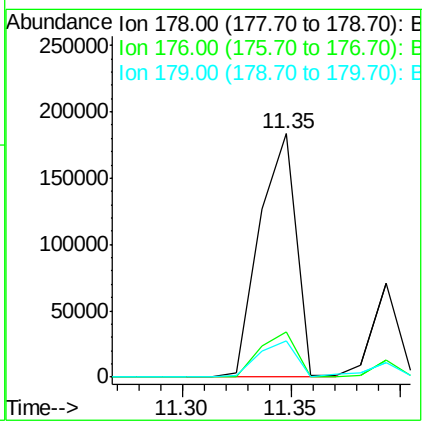


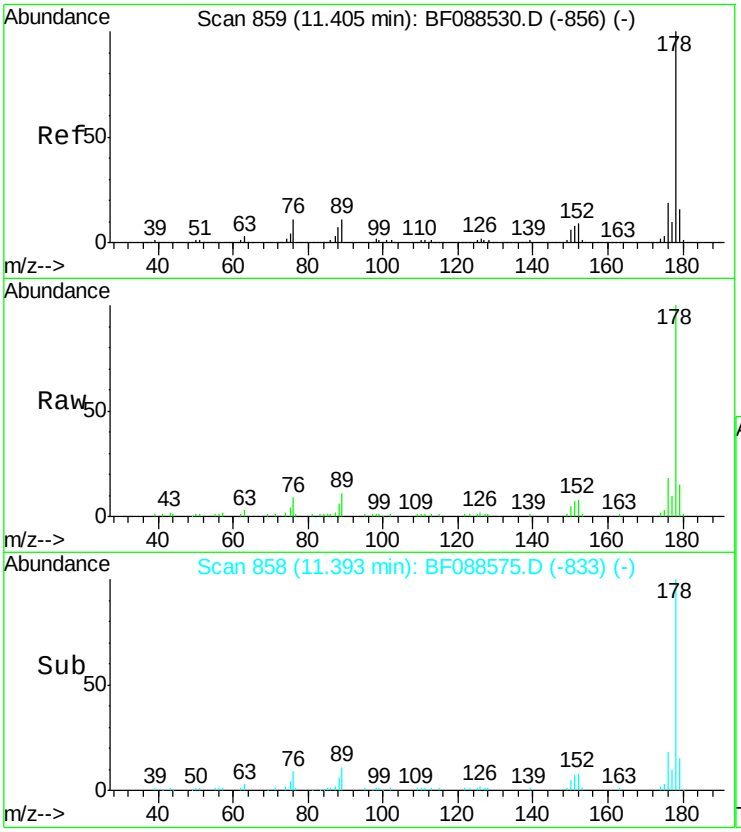


#70
Phenanthrene
Concen: 9.99 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:178 Resp: 217048

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	14.8	13.0	19.4



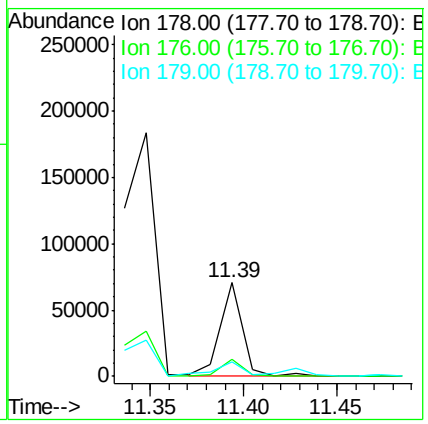


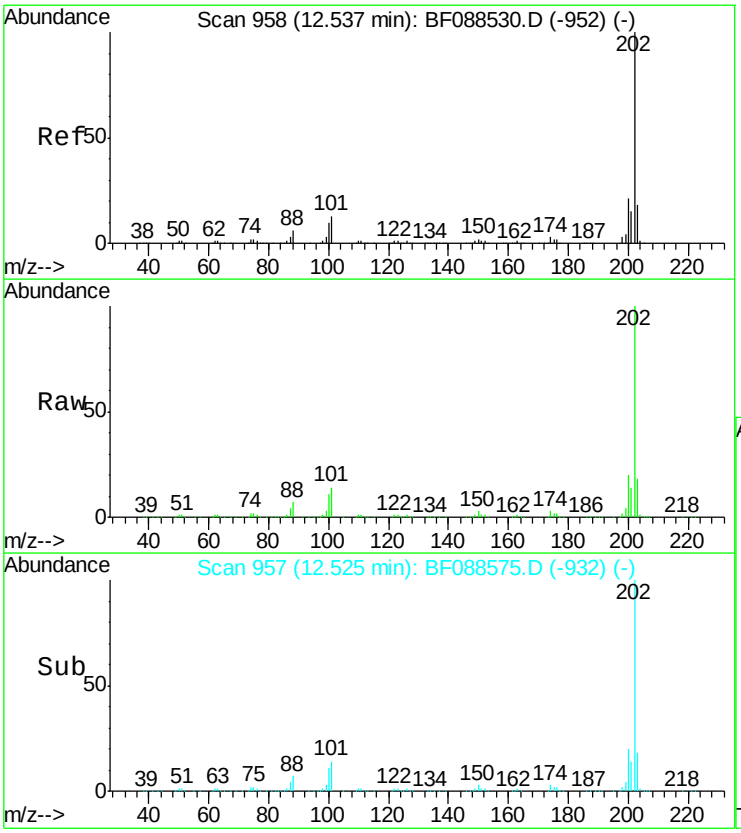
#71
Anthracene
Concen: 2.80 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 60431

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	15.1	12.8	19.2

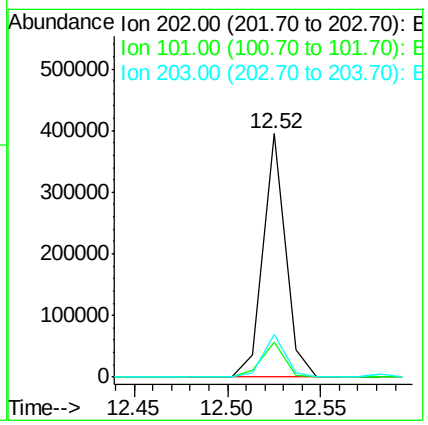


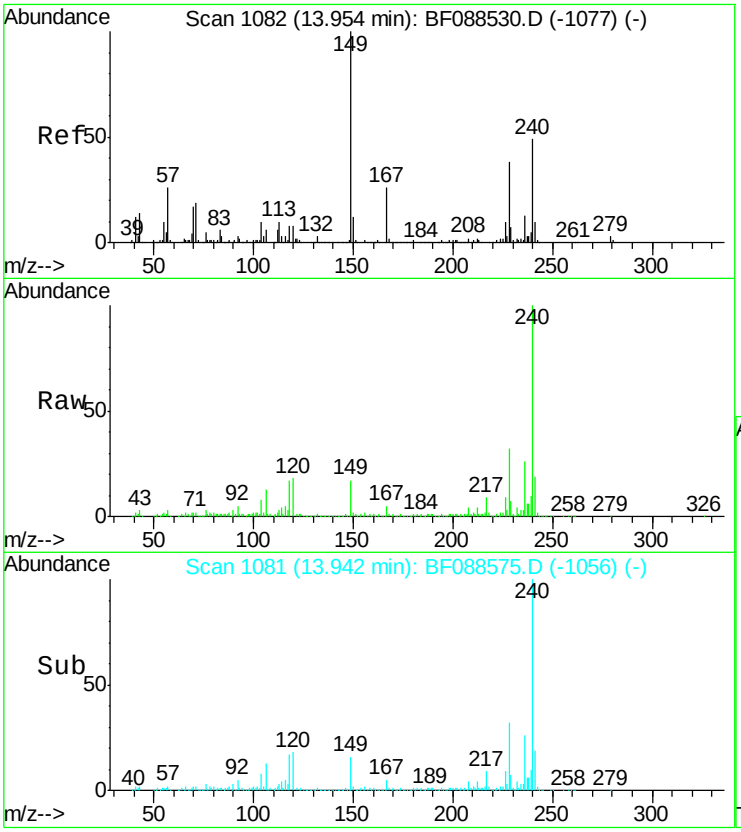


#74
Fluoranthene
Concen: 14.91 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:202 Resp: 328471

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.1
203	17.6	0.0	38.1



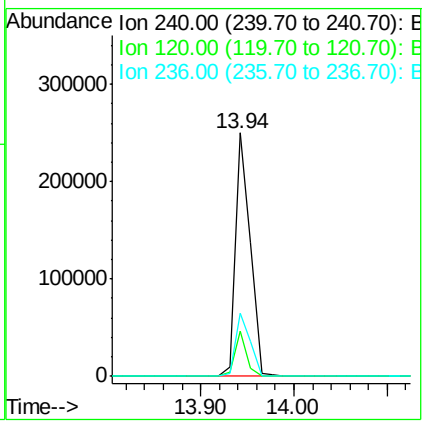


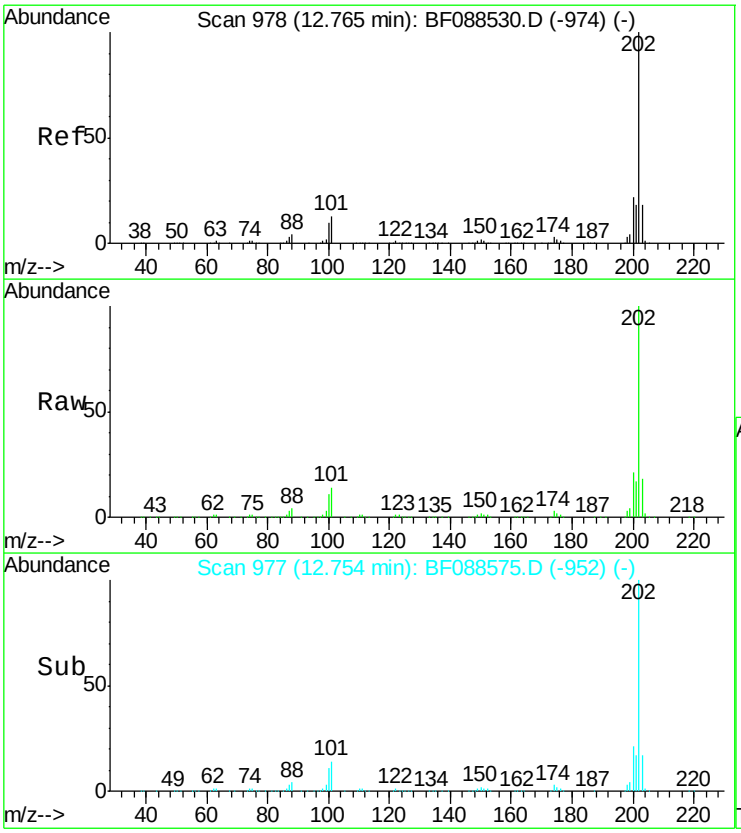
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 278222

Ion	Ratio	Lower	Upper
240	100		
120	18.3	6.8	10.2#
236	25.9	20.2	30.2

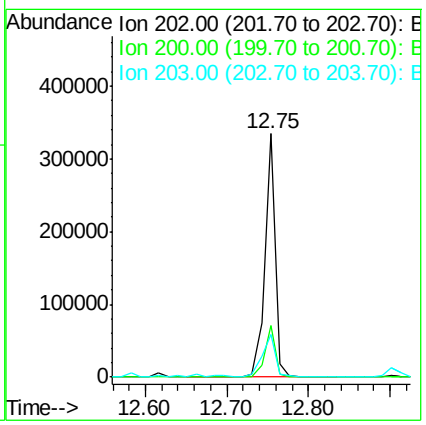


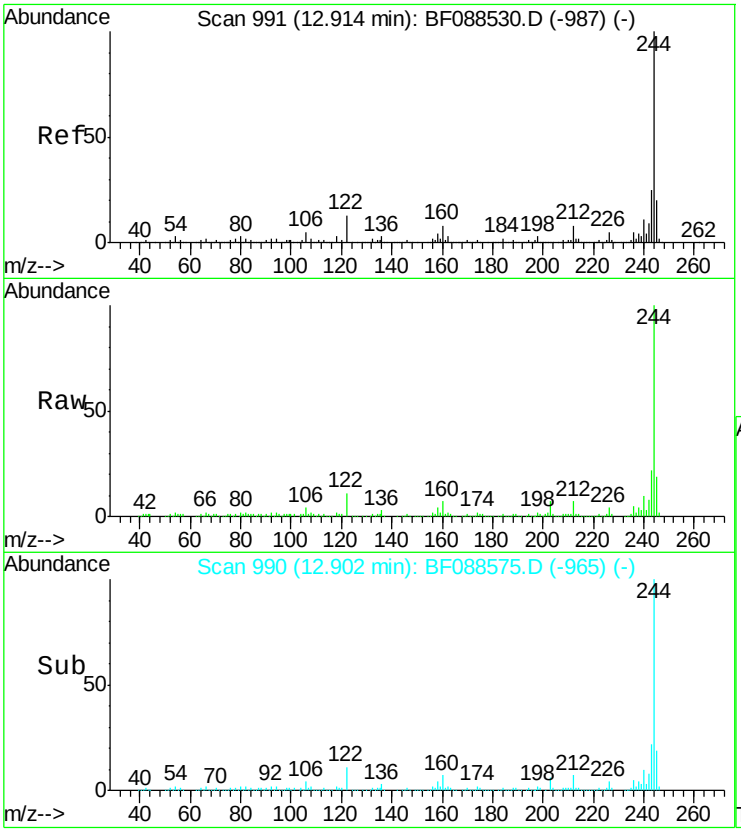


#77
Pyrene
Concen: 12.64 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:202 Resp: 298285

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.5	21.7



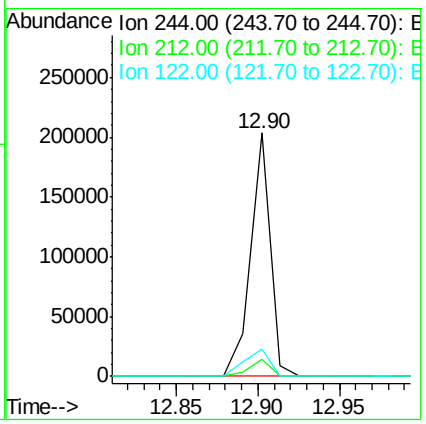


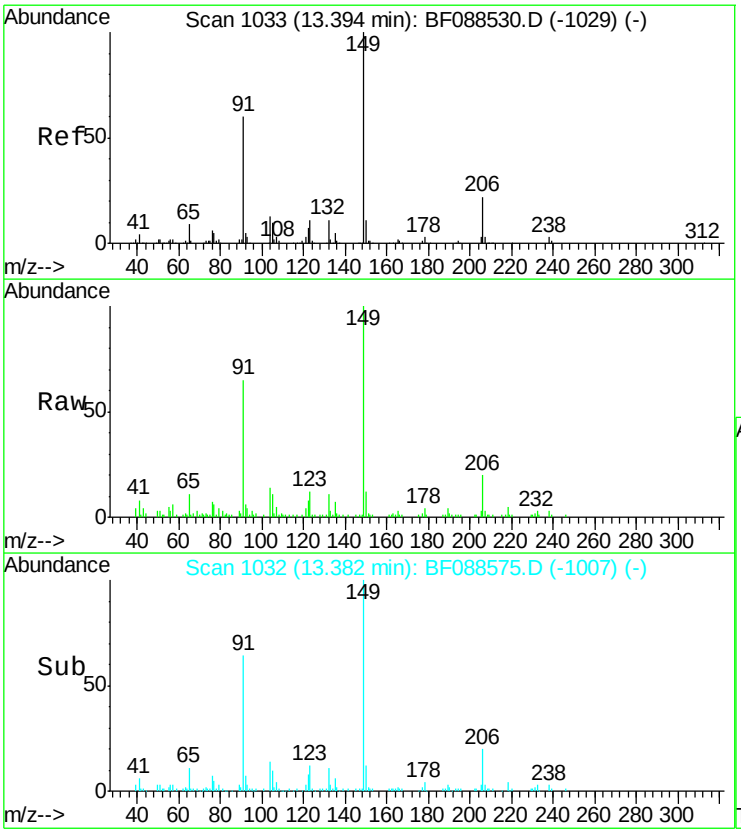
#78
Terphenyl-d14
Concen: 13.69 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 170960

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.4	11.2	16.8

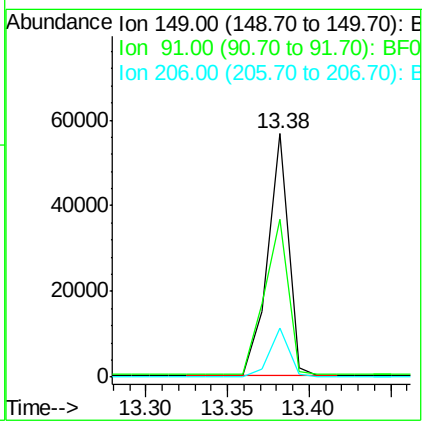


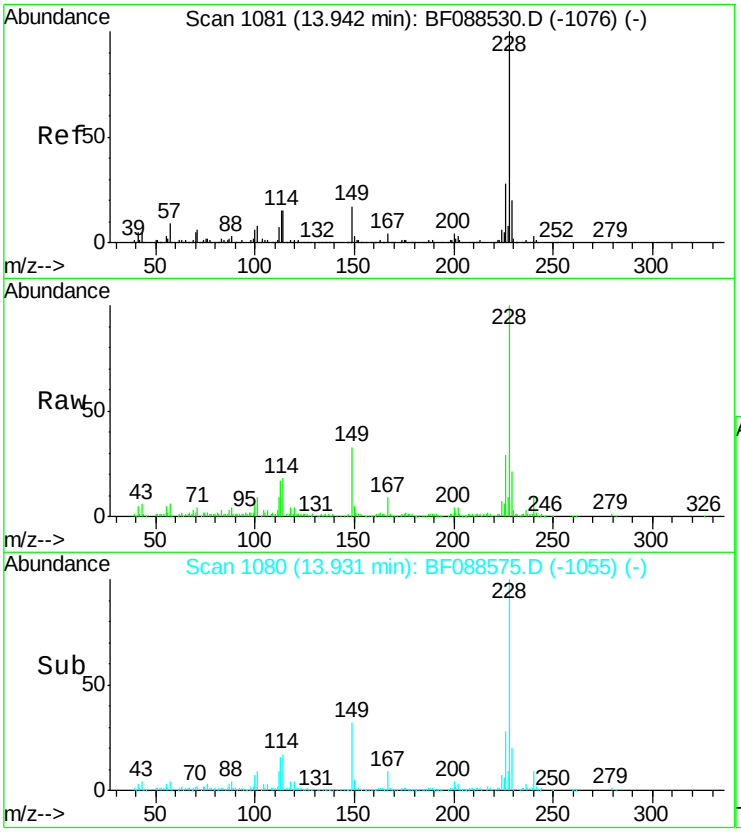


#79
Butylbenzylphthalate
Concen: 4.80 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:149 Resp: 50471

Ion	Ratio	Lower	Upper
149	100		
91	64.7	48.0	72.0
206	20.3	16.0	24.0



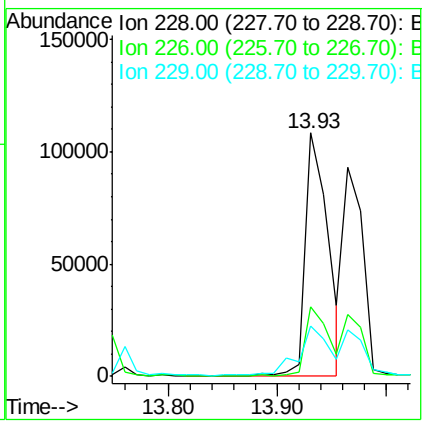


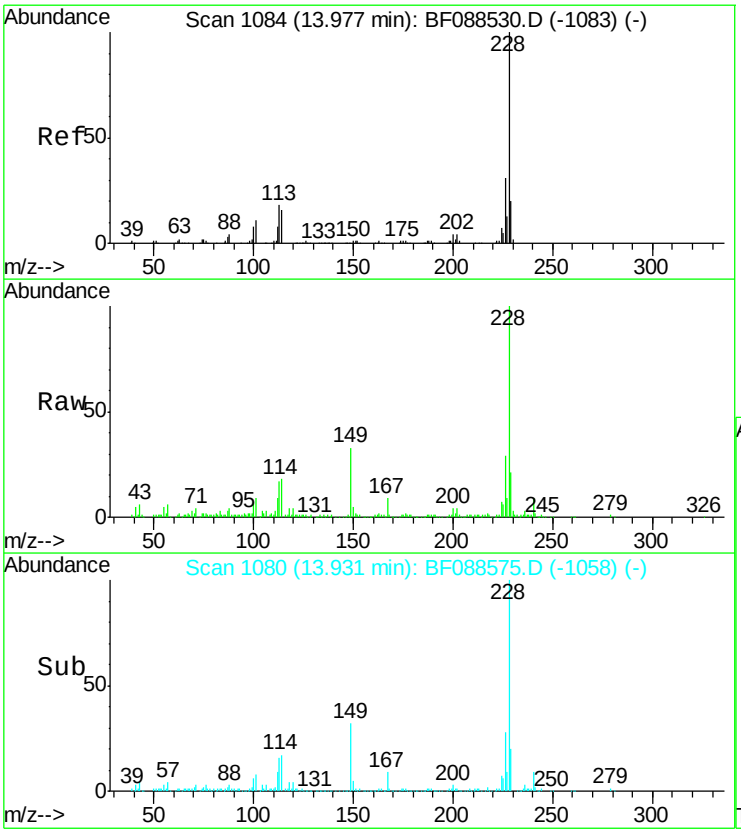
#80
Benzo(a)anthracene
Concen: 8.86 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 158641

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.7	16.0	24.0

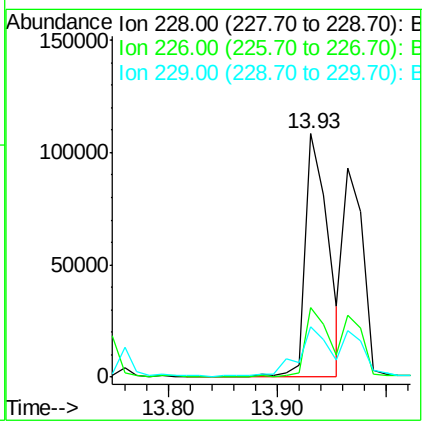


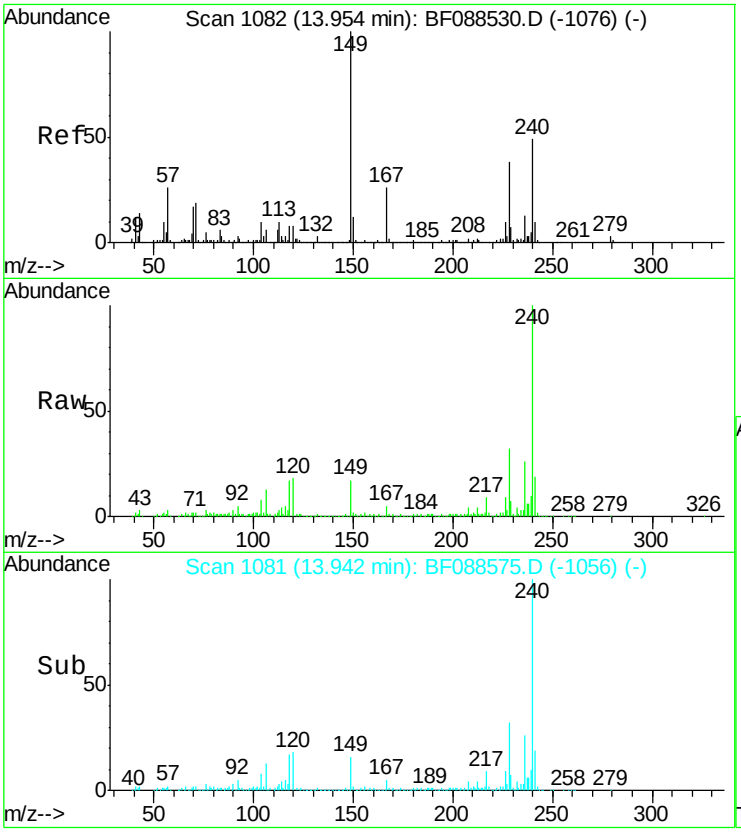


#82
Chrysene
Concen: 8.95 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.05 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:228 Resp: 158641

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.4	38.2
229	20.7	16.3	24.5



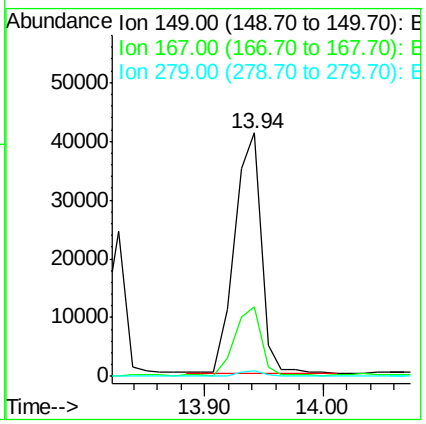


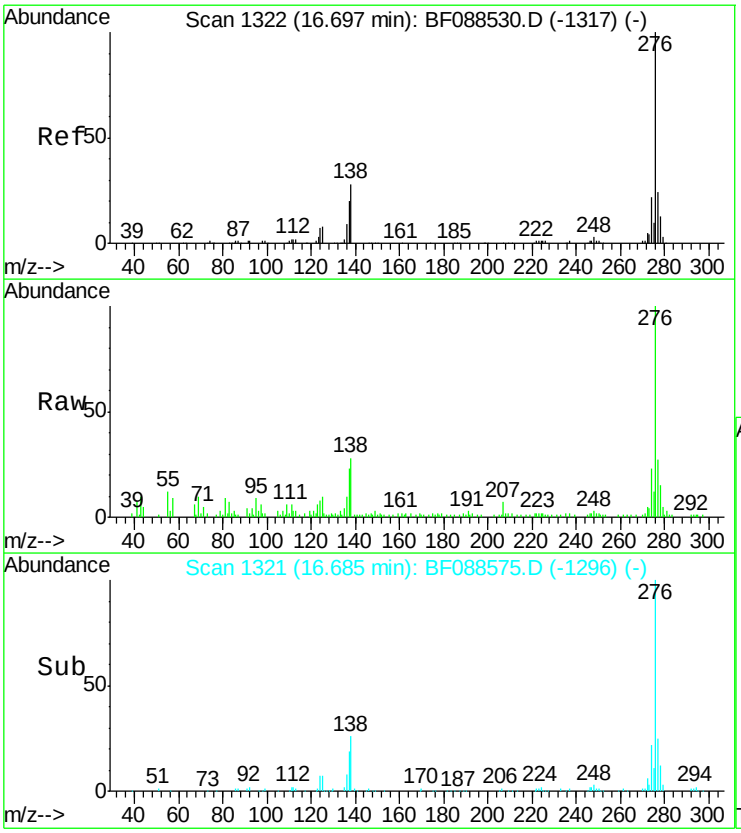
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.31 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 63734

Ion	Ratio	Lower	Upper
149	100		
167	28.4	20.5	30.7
279	2.3	2.0	3.0

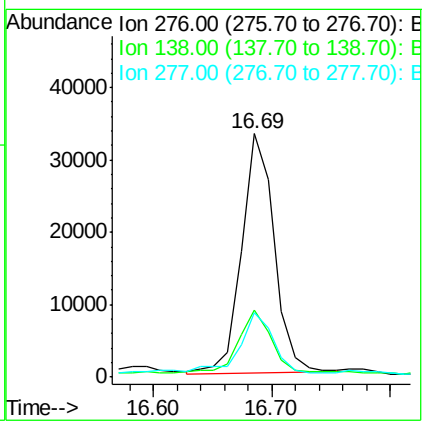


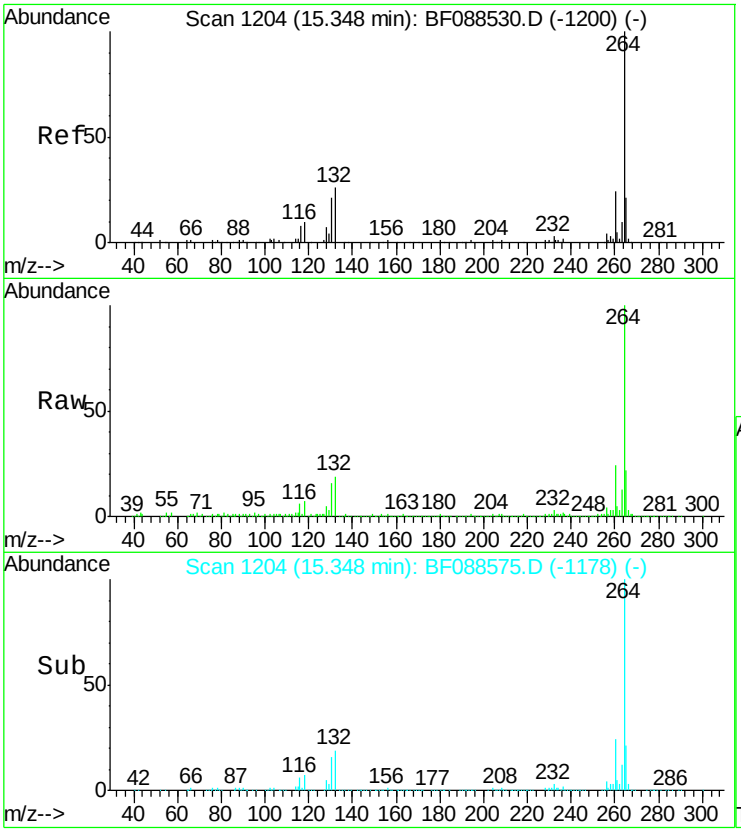


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.64 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:276 Resp: 63315

Ion	Ratio	Lower	Upper
276	100		
138	26.2	0.0	0.0#
277	27.4	0.0	0.0#



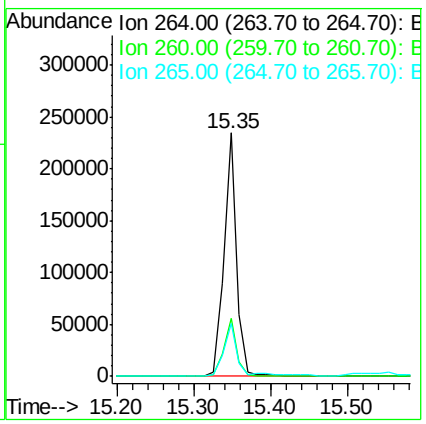


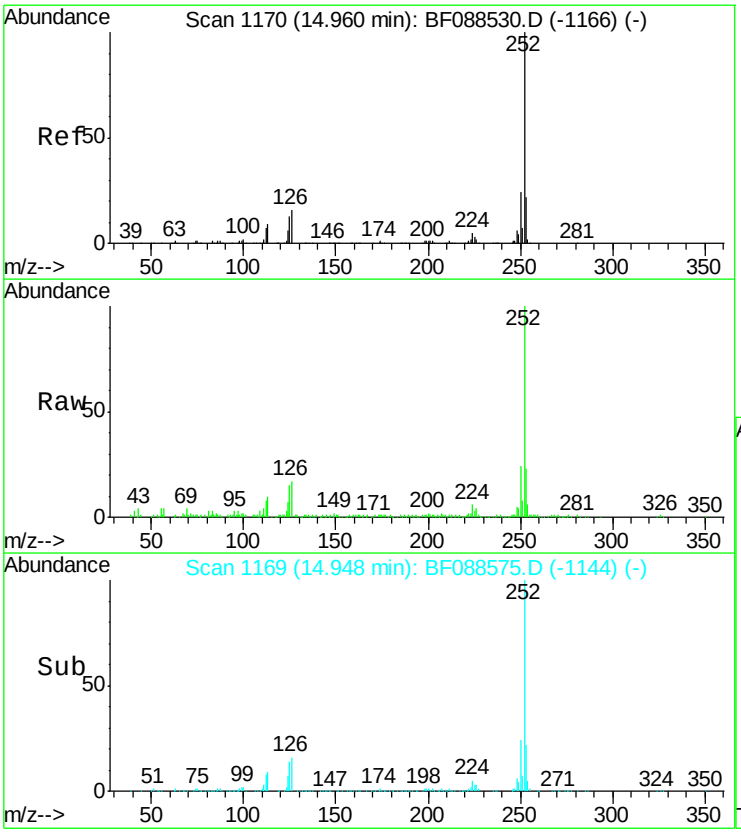
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 276031

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3

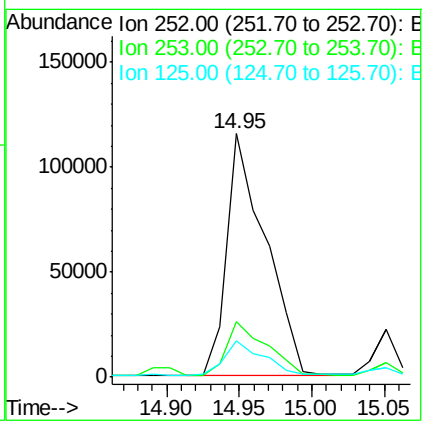


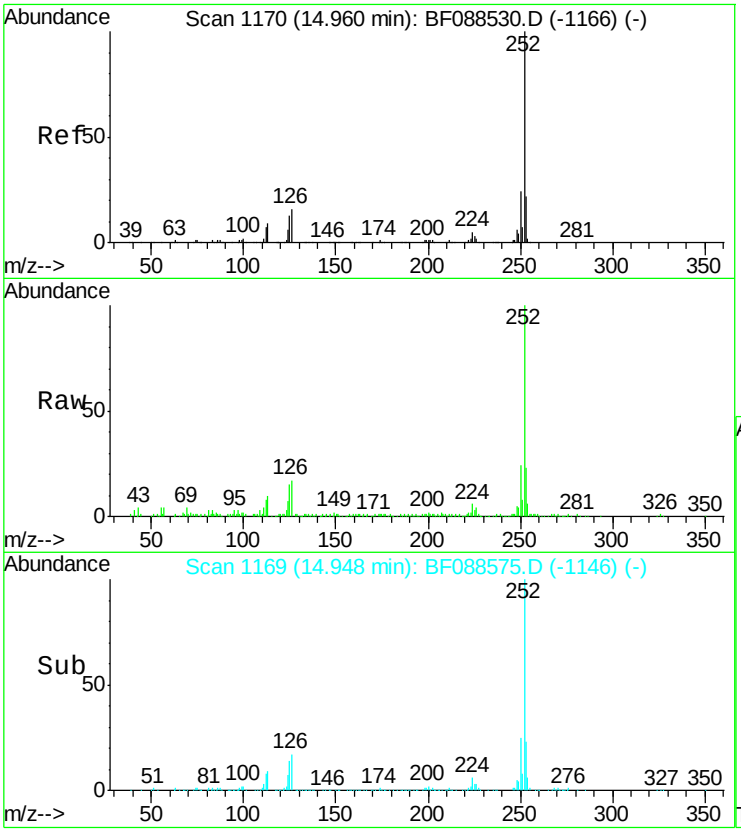


#87
Benzo(b)fluoranthene
Concen: 12.42 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:252 Resp: 215101

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	14.6	7.1	10.7#



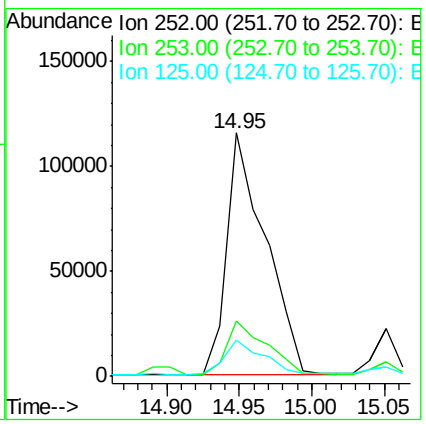


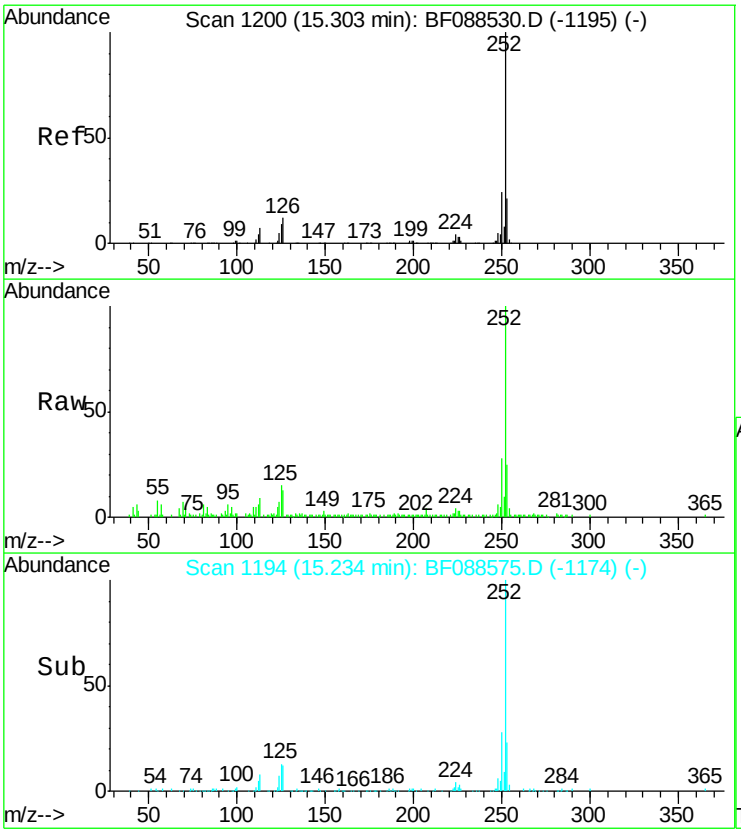
#88
Benzo(k)fluoranthene
Concen: 14.27 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 215101

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.6	11.2	16.8

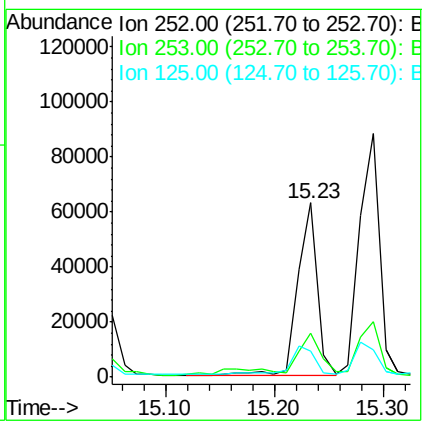


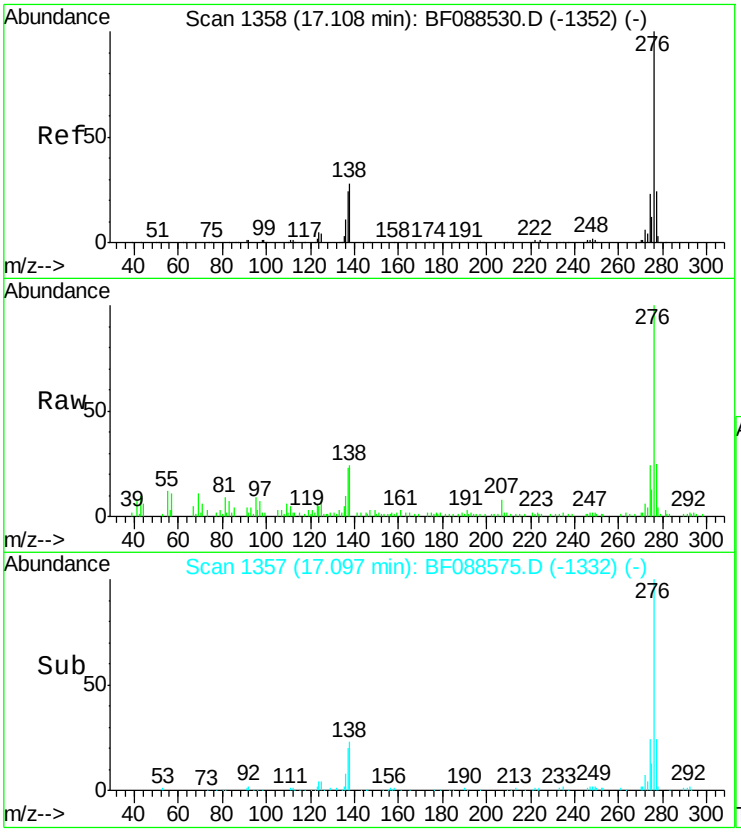


#89
Benzo(a)pyrene
Concen: 5.45 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Tgt Ion:252 Resp: 79834

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	14.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 4.72 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF088575.D
Acq: 1 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 59790

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	24.0	21.4	32.2