Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092815.D
Acq On : 7 Feb 2017 00:10
Operator : SJ/MA
Sample : I1699-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-1

Quant Time: Feb 07 01:15:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143501	20.00	ng		-0.05
21) Naphthalene-d8	8.20	136	586001	20.00	ng		-0.06
38) Acenaphthene-d10	9.96	164	287097	20.00	ng		-0.05
63) Phenanthrene-d10	11.45	188	399120	20.00	ng		-0.05
75) Chrysene-d12	14.09	240	287556	20.00	ng		-0.06
86) Perylene-d12	15.55	264	210963	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	341028	40.77	ng		-0.04
7) Phenol-d6	6.56	99	1008544	93.71	ng		-0.05
23) Nitrobenzene-d5	7.48	82	753665	71.62	ng		-0.06
41) 2,4,6-Tribromophenol	10.75	330	13944	6.72	ng		-0.06
44) 2-Fluorobiphenyl	9.28	172	1239680	78.23	ng		-0.06
78) Terphenyl-d14	13.04	244	921719	75.32	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.57	94	78156	6.21	ng		79
19) n-Nitroso-di-n-propylamine	7.48	70	102840	15.01	ng	#	80
25) Isophorone	7.48	82	743004	37.89	ng	#	65
49) Dimethylphthalate	9.68	163	133723	6.92	ng		98
64) 4,6-Dinitro-2-methylphenol	10.78	198	445	2.84	ng	#	1
70) Phenanthrene	11.47	178	251874	11.02	ng		97
71) Anthracene	11.52	178	63292	2.76	ng		98
74) Fluoranthene	12.66	202	425669	18.05	ng		95
77) Pyrene	12.89	202	368430	17.12	ng		100
80) Benzo(a)anthracene	14.08	228	165947	9.44	ng		97
82) Chrysene	14.11	228	115728	7.03	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	42992	3.37	ng	#	88
87) Benzo(b)fluoranthene	15.13	252	169635	12.22	ng	#	69
88) Benzo(k)fluoranthene	15.13	252	169635	14.15	ng	#	70
89) Benzo(a)pyrene	15.48	252	80035	6.66	ng	#	58
91) Benzo(g,h,i)perylene	17.44	276	39019	3.98	ng	#	61

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
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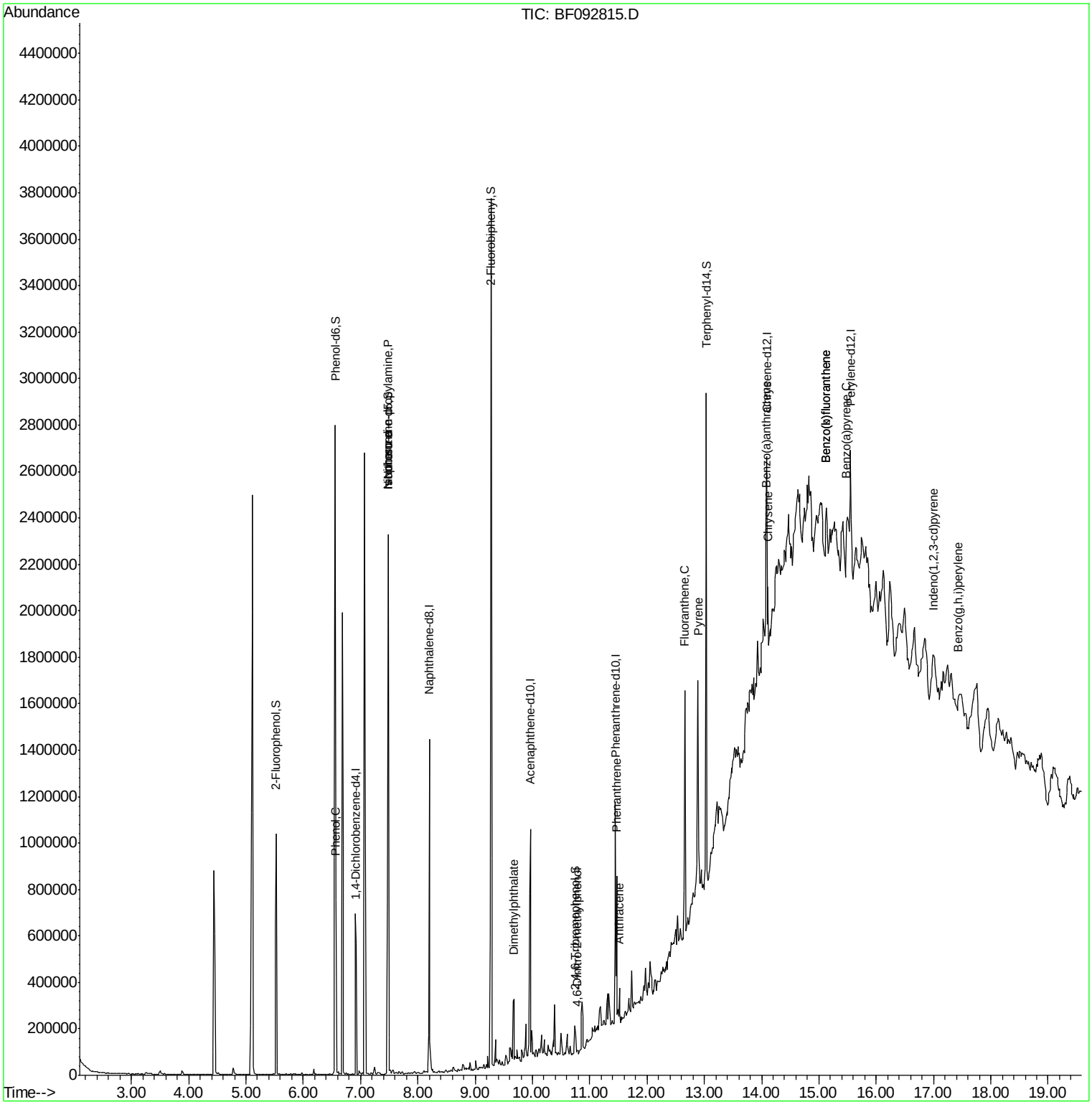
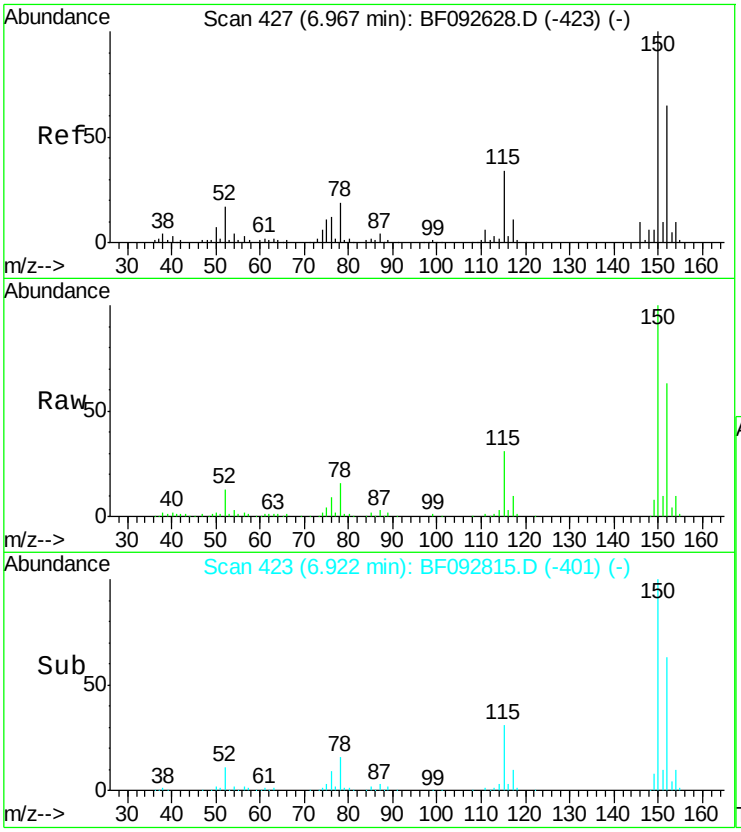


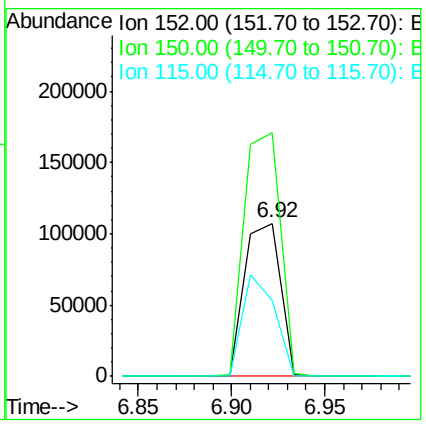


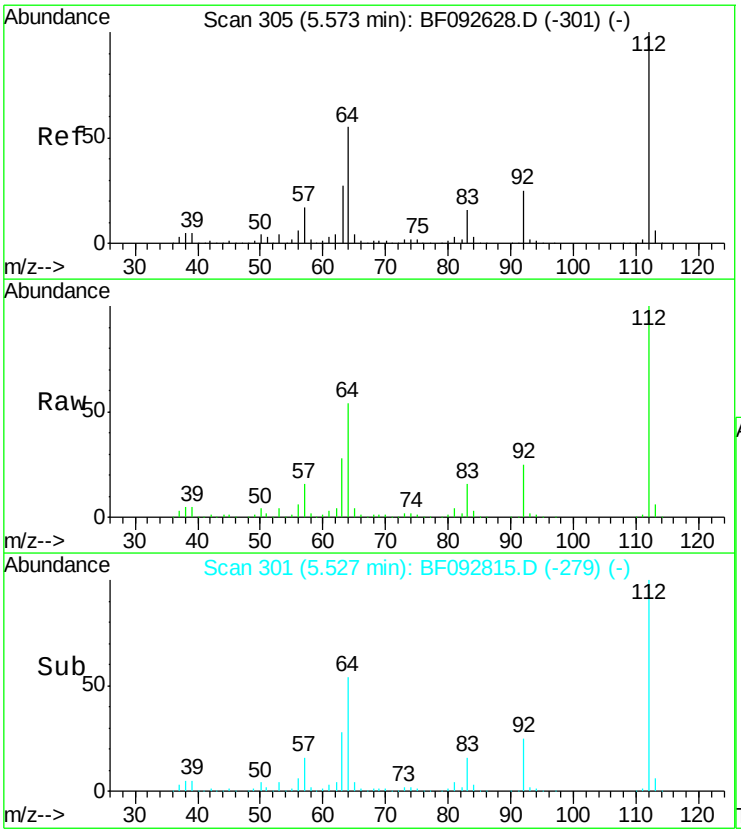
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:152 Resp: 143501

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	49.4	46.0	69.0

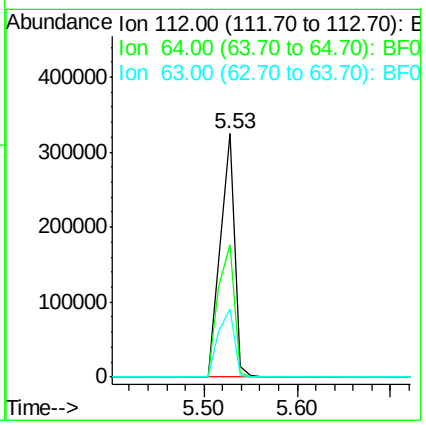


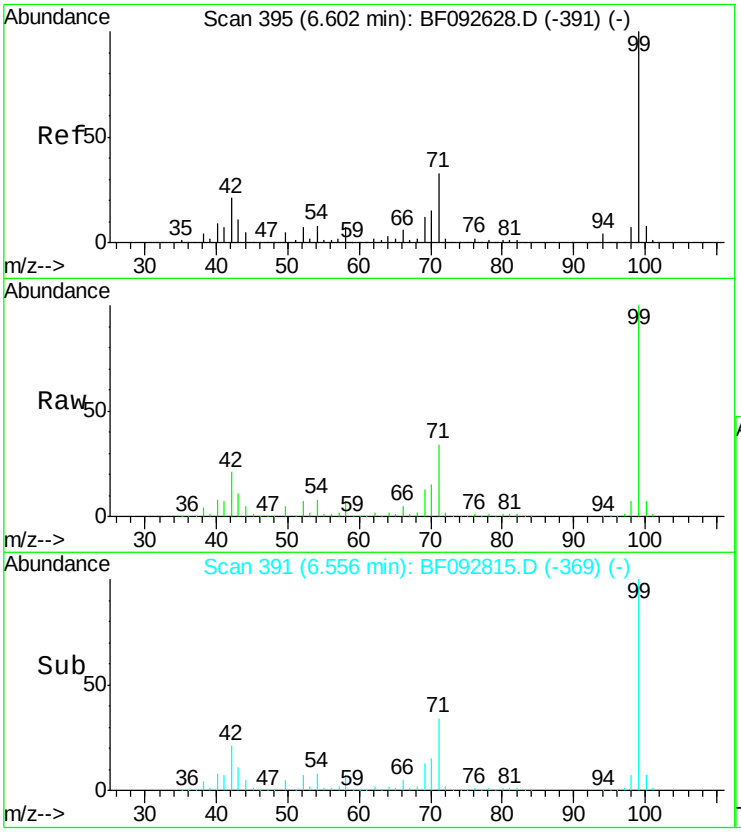


#5
2-Fluorophenol
Concen: 40.77 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:112 Resp: 341028

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	27.9	23.8	35.6



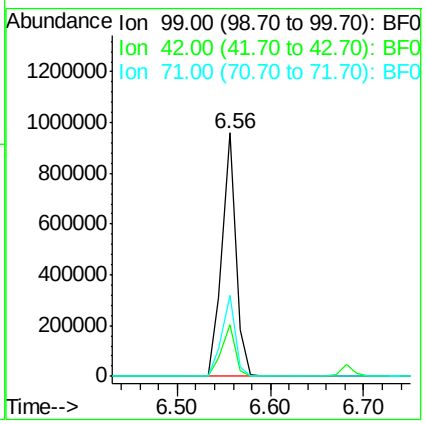


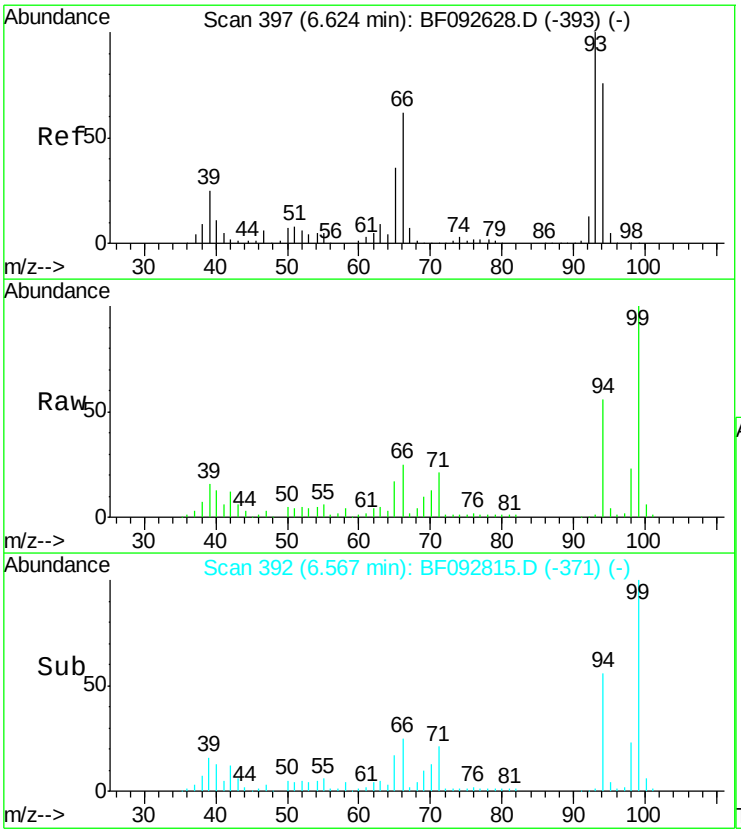
#7
Phenol-d6
Concen: 93.71 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 99 Resp: 1008544

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	33.5	27.5	41.3

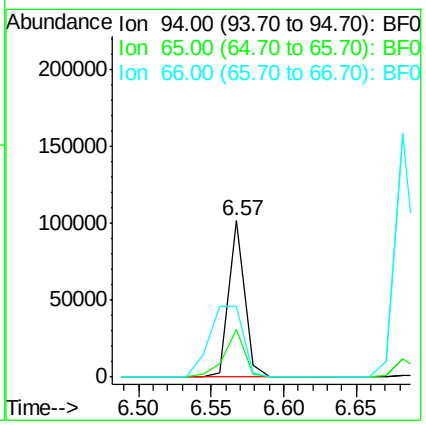


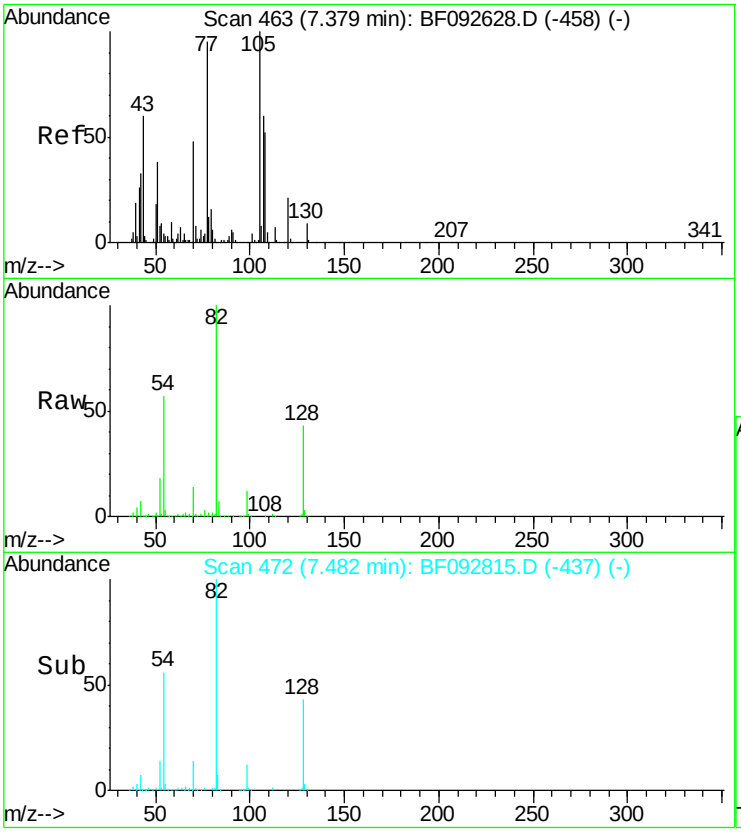


#10
Phenol
Concen: 6.21 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion: 94 Resp: 78156

Ion	Ratio	Lower	Upper
94	100		
65	30.5	21.4	61.4
66	45.1	44.0	84.0



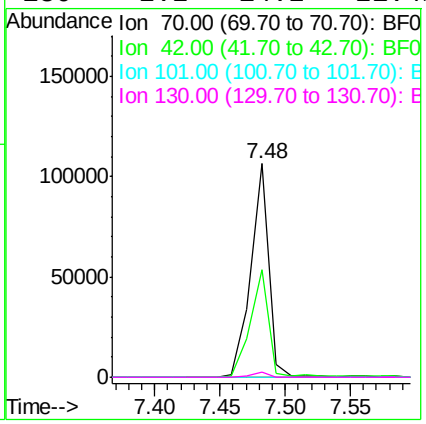


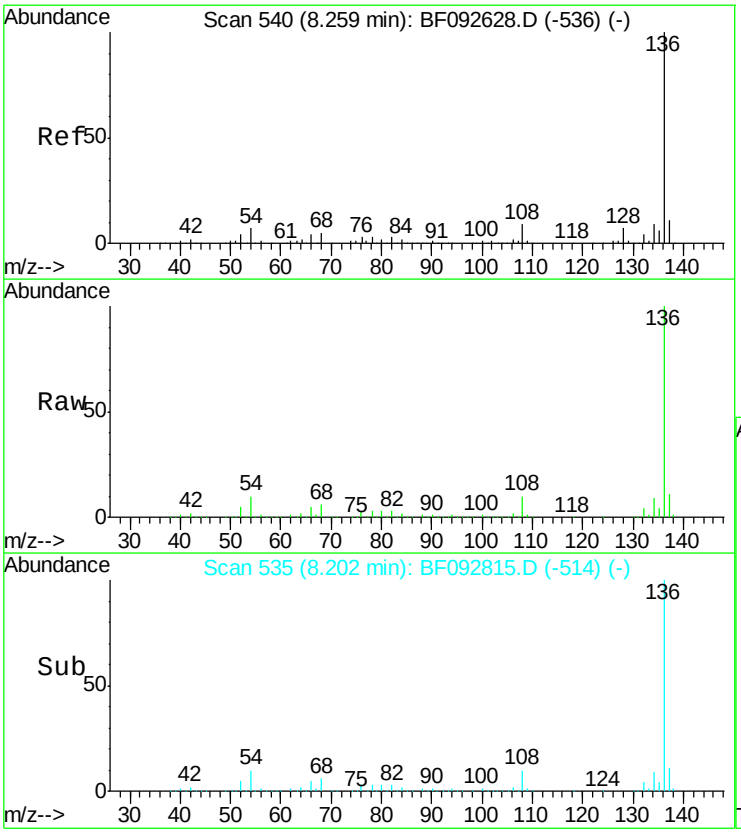
#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.10 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 70 Resp: 102840

Ion	Ratio	Lower	Upper
70	100		
42	50.4	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

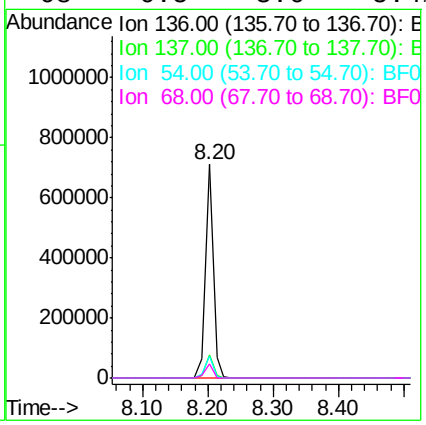


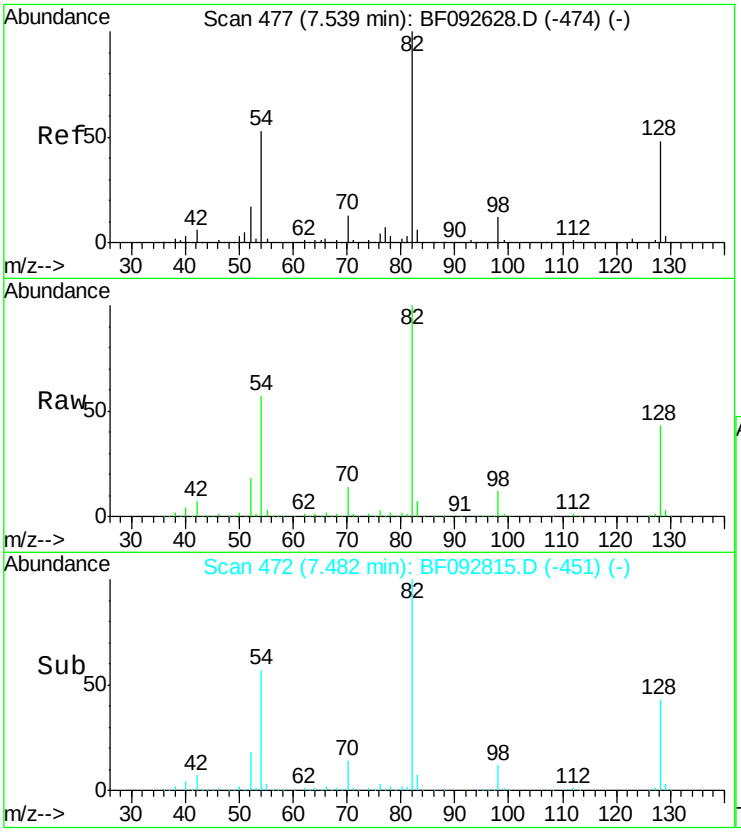


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:136 Resp: 586001

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	4.5	6.7#
68	6.5	3.6	5.4#



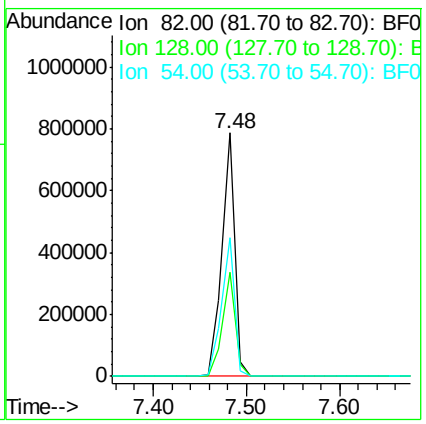


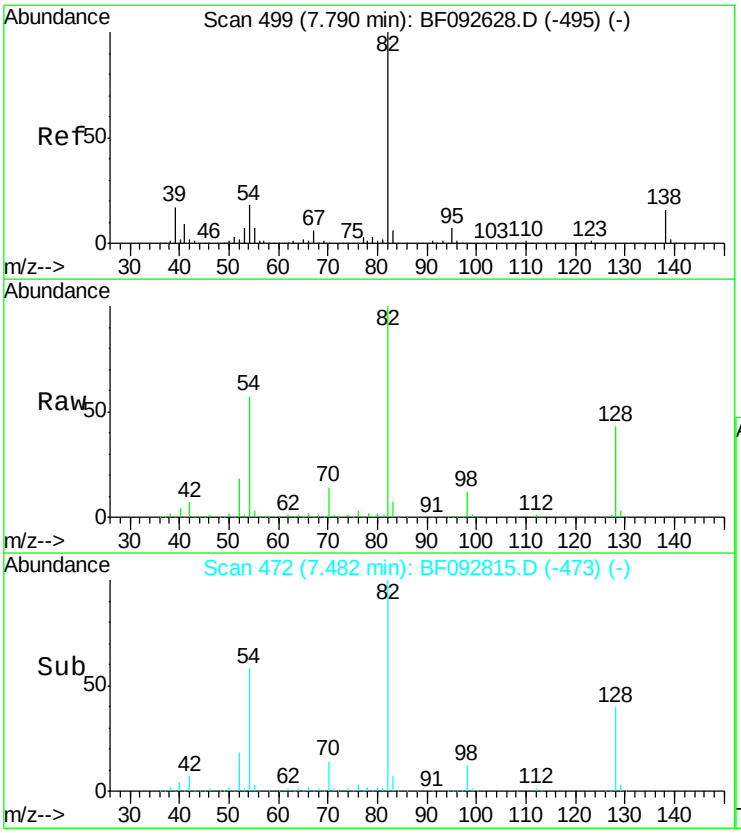
#23
Nitrobenzene-d5
Concen: 71.62 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 82 Resp: 753665

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	57.0	39.5	59.3

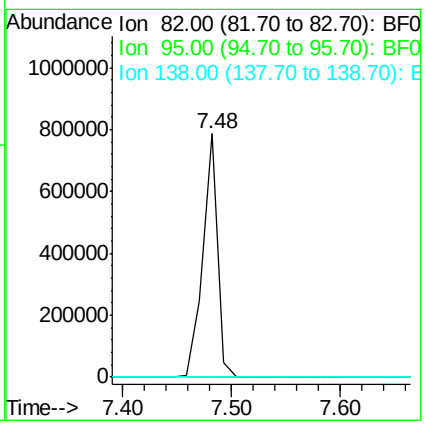


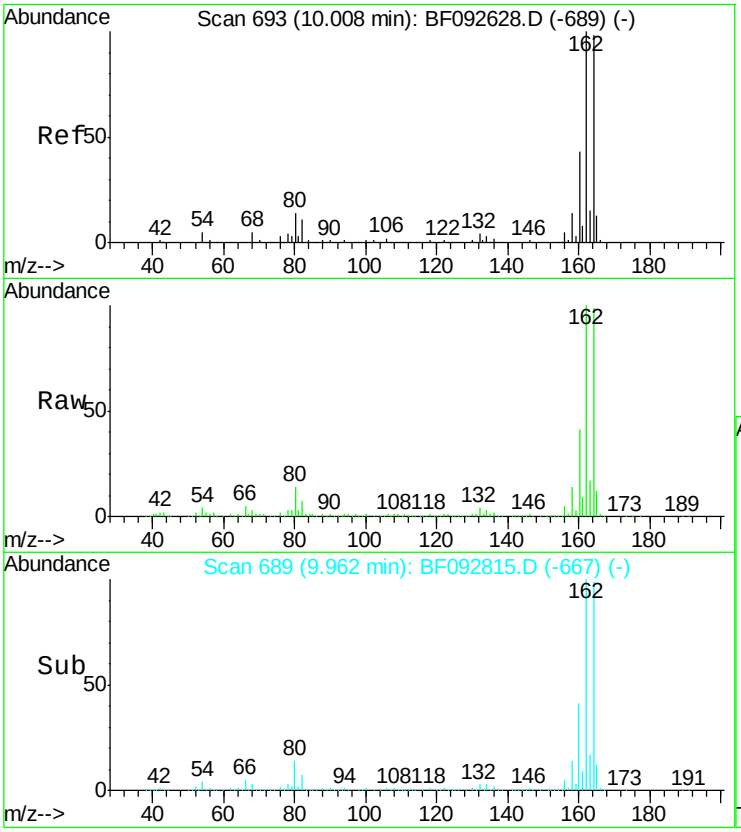


#25
Isophorone
Concen: 37.89 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.31 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion: 82 Resp: 743004

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



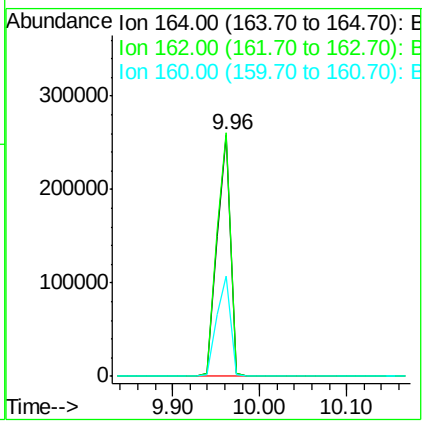


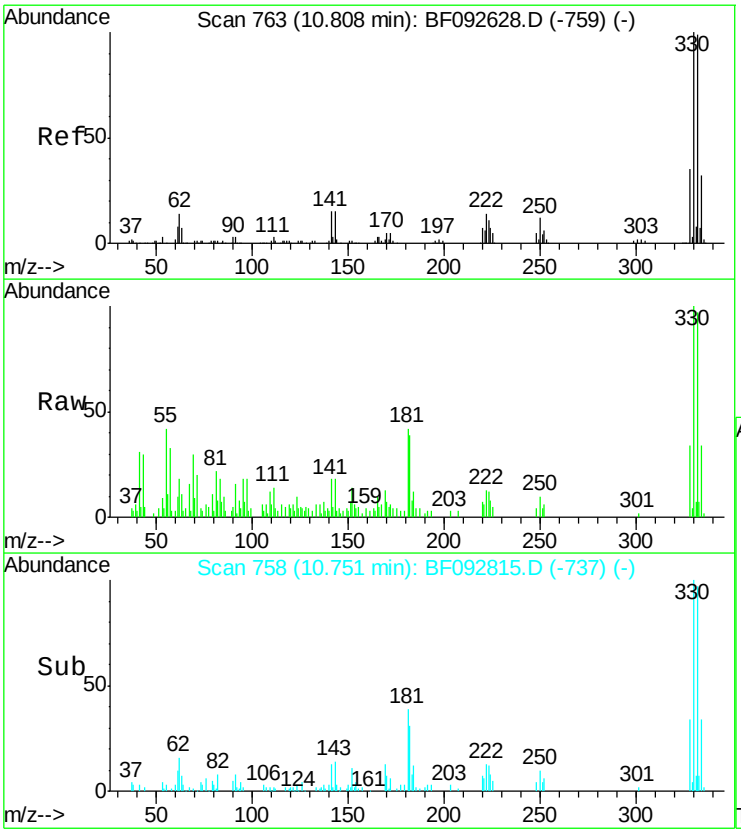
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:164 Resp: 287097

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	41.5	36.9	55.3

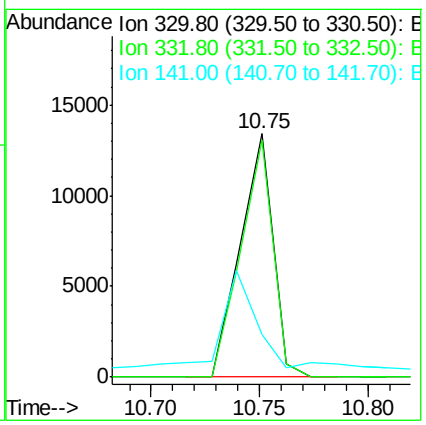


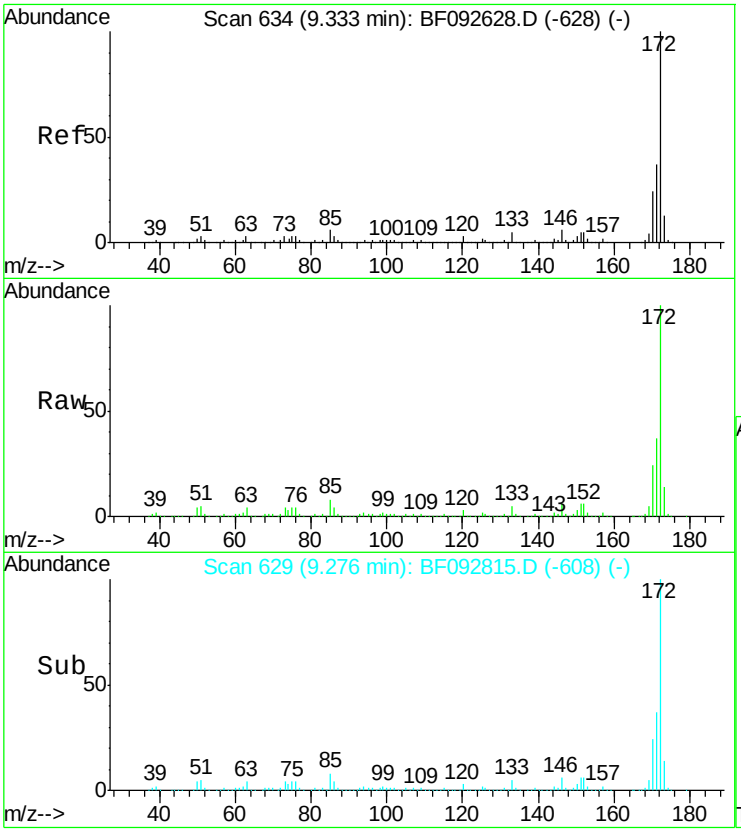


#41
2,4,6-Tribromophenol
Concen: 6.72 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:330 Resp: 13944

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	45.4	34.1	51.1



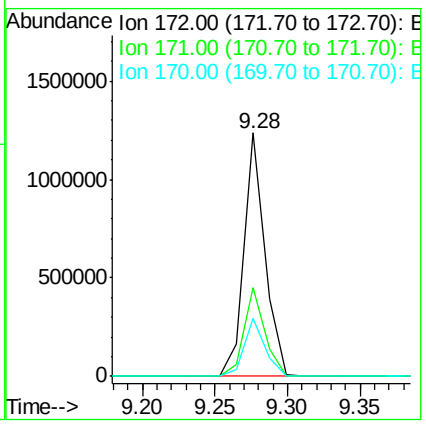


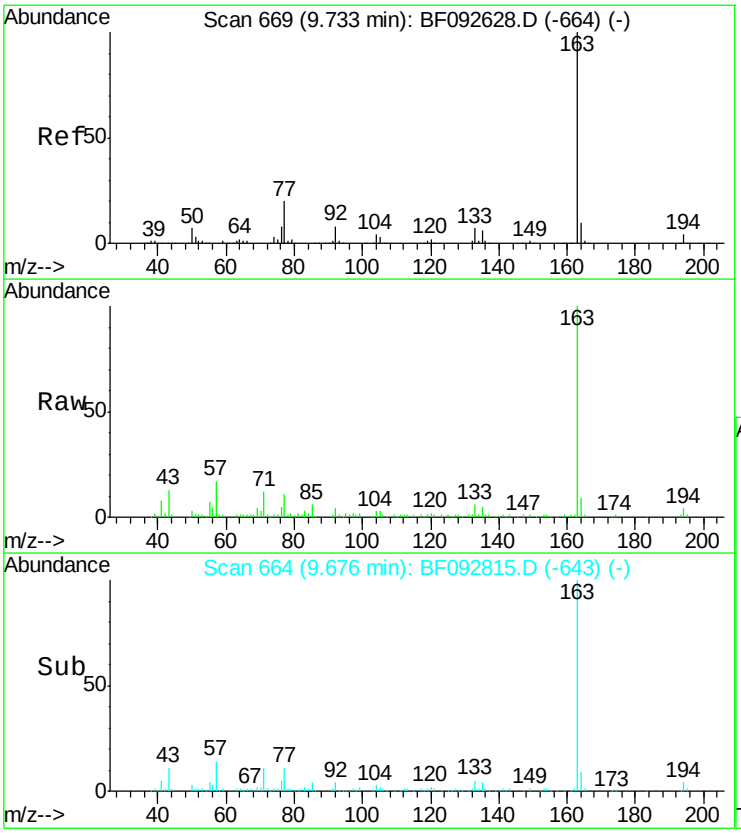
#44
2-Fluorobiphenyl
Concen: 78.23 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:172 Resp: 1239680

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.8	20.2	30.4

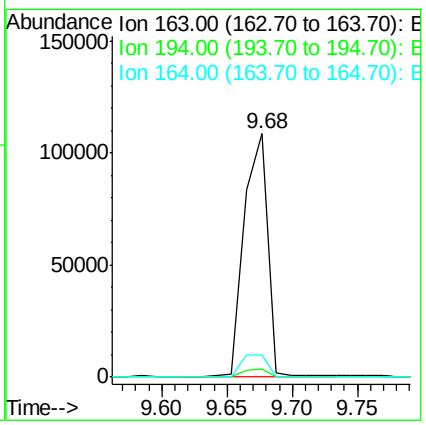


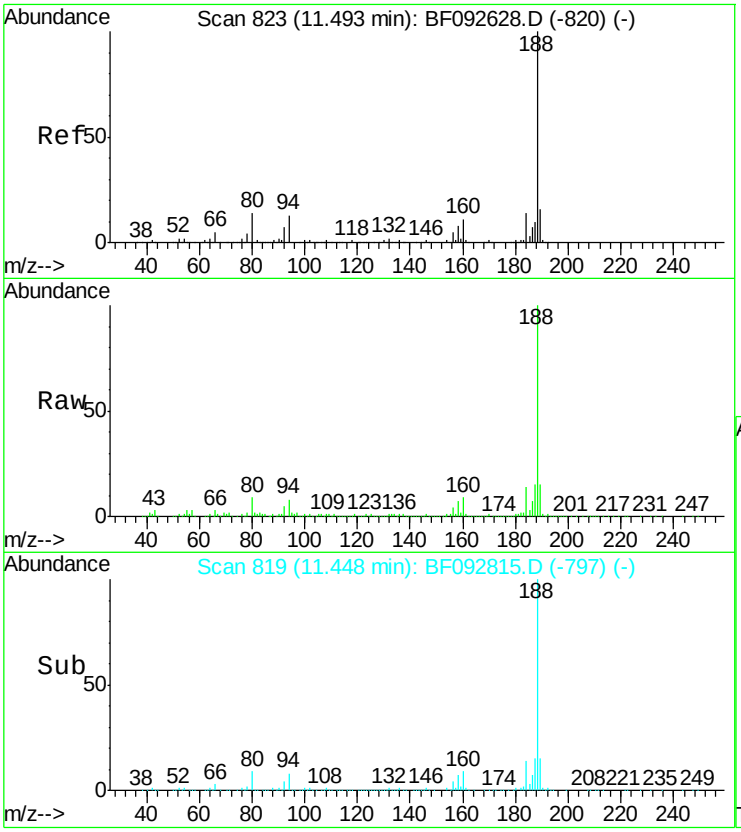


#49
Dimethylphthalate
Concen: 6.92 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:163 Resp: 133723

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.1	8.0	12.0



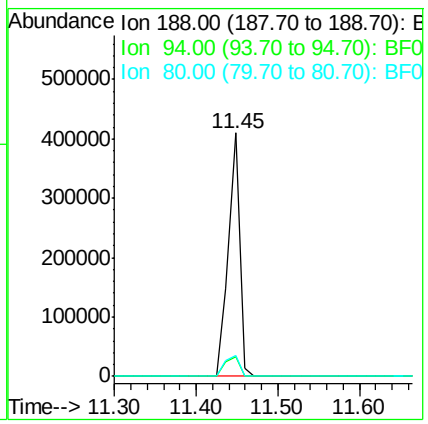


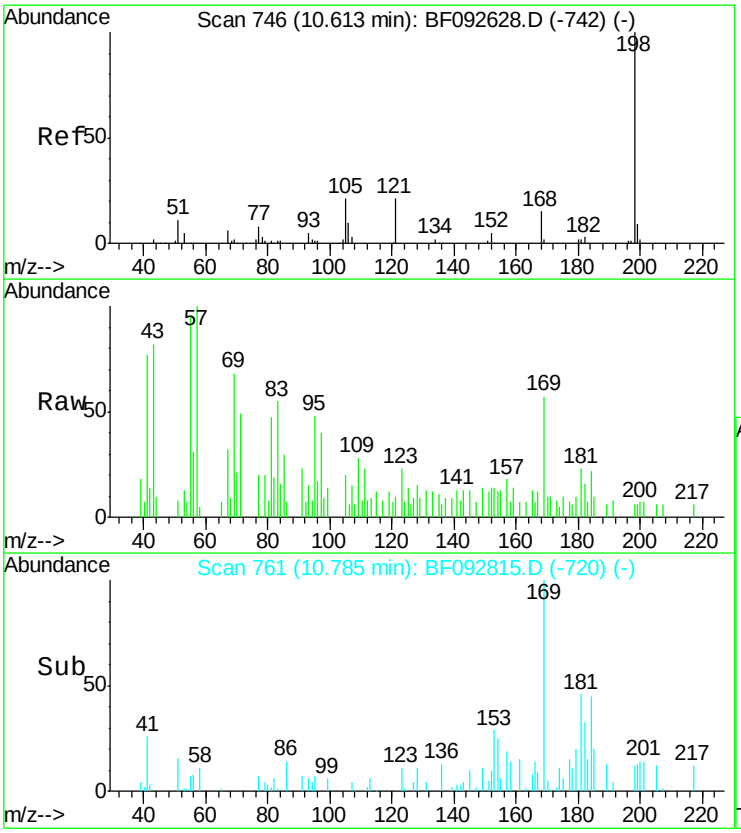
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:188 Resp: 399120

Ion	Ratio	Lower	Upper
188	100		
94	8.2	10.0	15.0#
80	8.7	11.2	16.8#

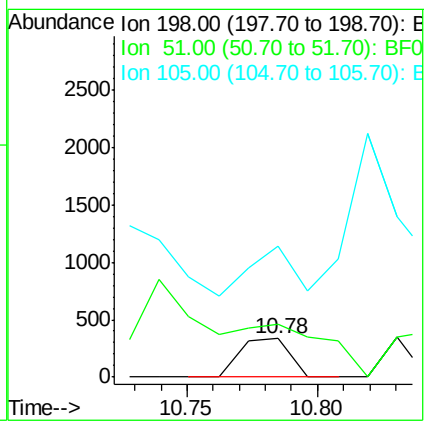


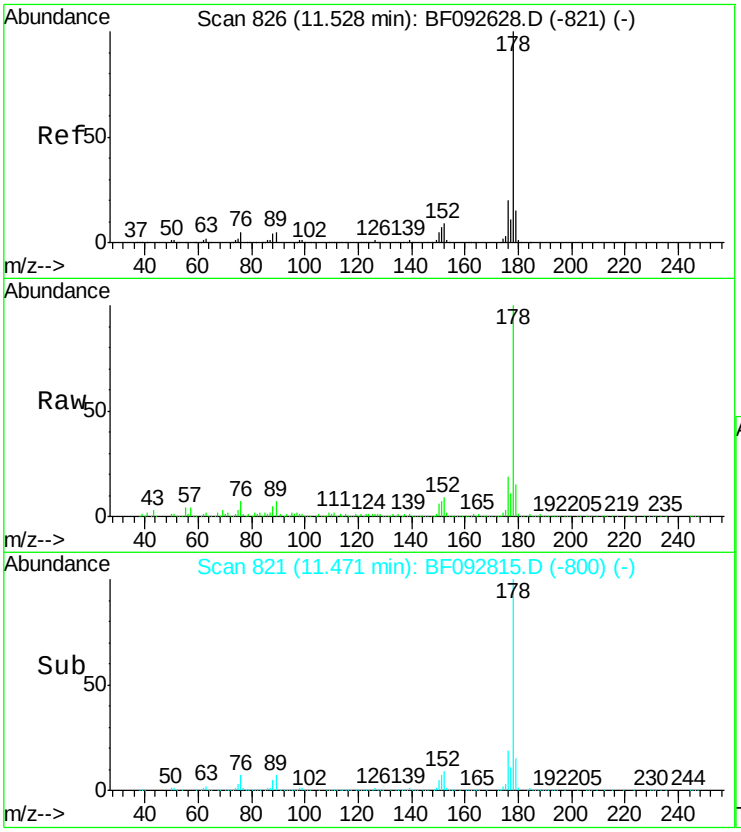


#64
4,6-Dinitro-2-methylphenol
Concen: 2.84 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:198 Resp: 445

Ion	Ratio	Lower	Upper
198	100		
51	138.1	6.7	46.7#
105	343.2	16.6	56.6#



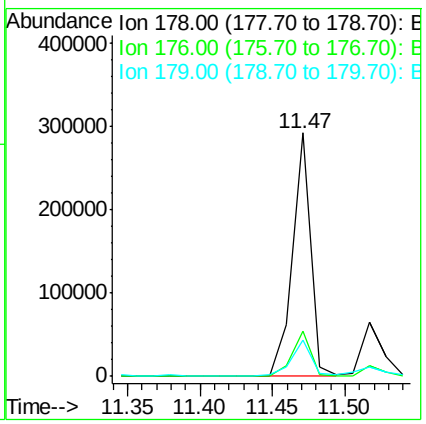


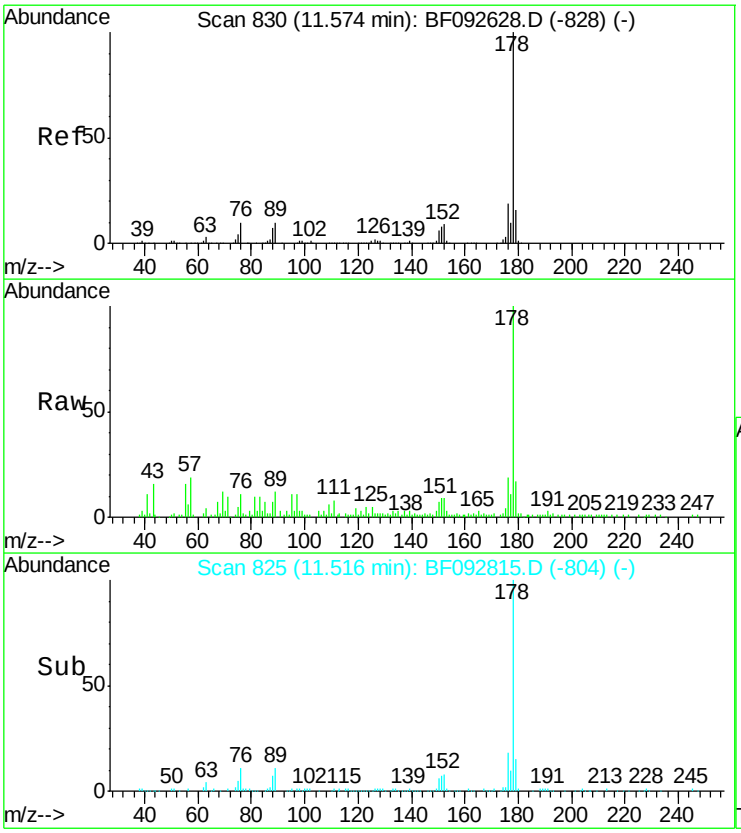
#70
Phenanthrene
Concen: 11.02 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:178 Resp: 251874

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	15.0	12.8	19.2

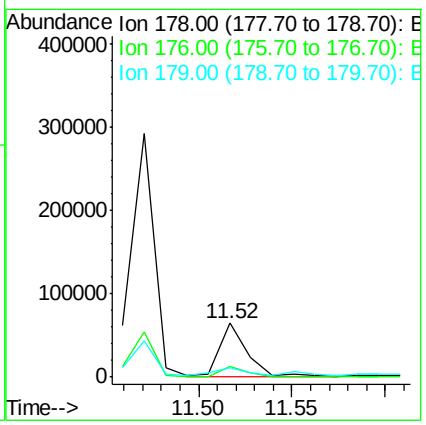


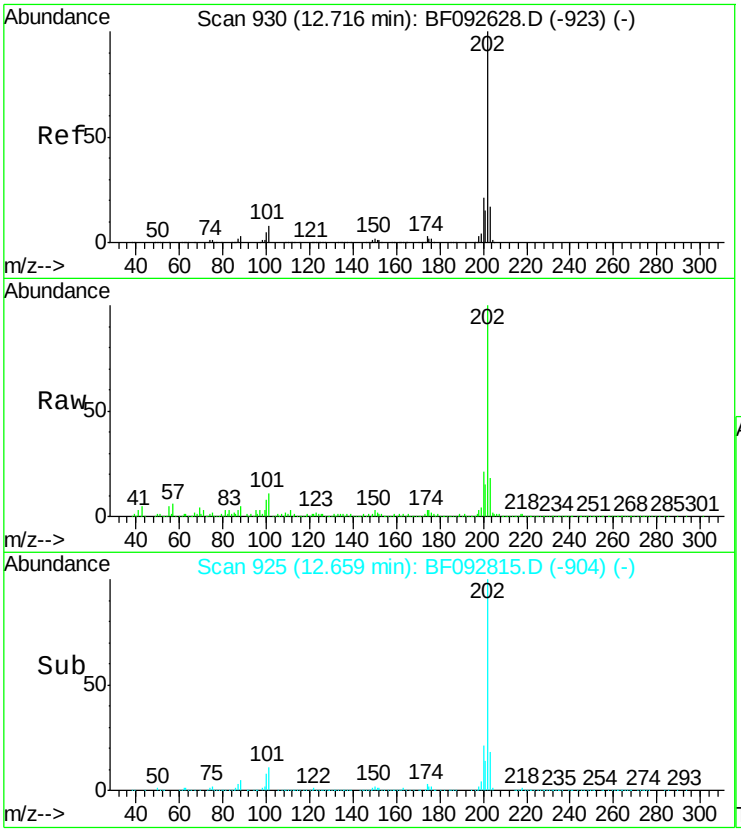


#71
Anthracene
Concen: 2.76 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:178 Resp: 63292

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	17.1	13.2	19.8



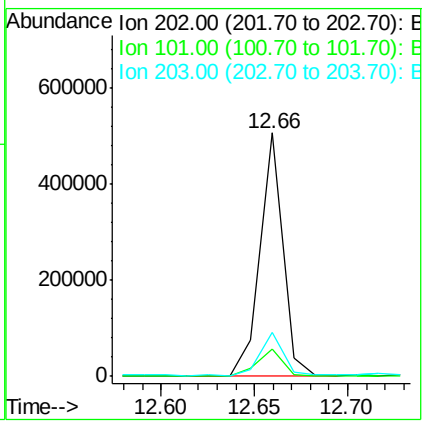


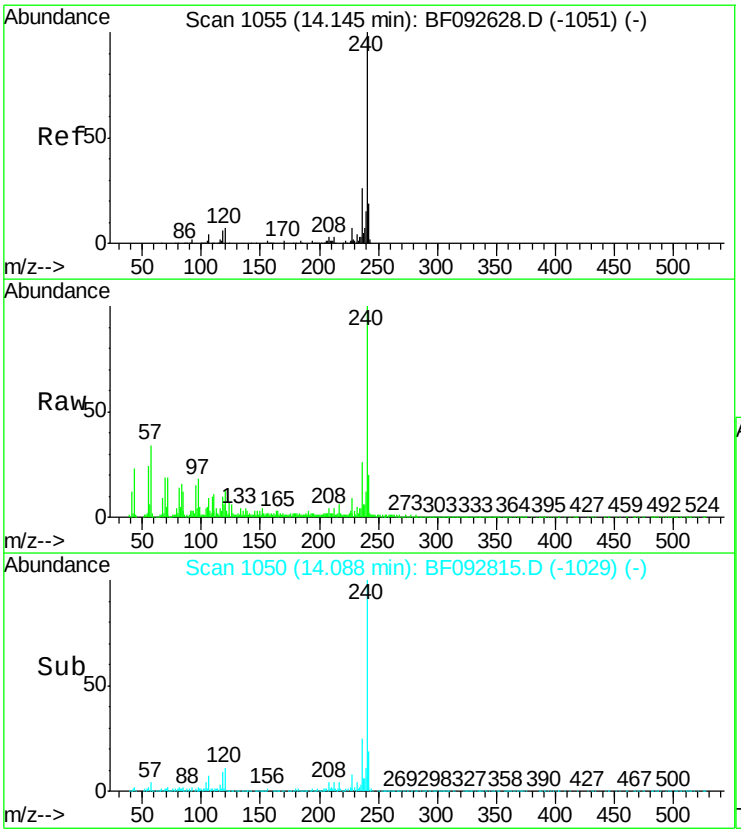
#74
Fluoranthene
Concen: 18.05 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:202 Resp: 425669

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.6
203	17.9	0.0	38.7

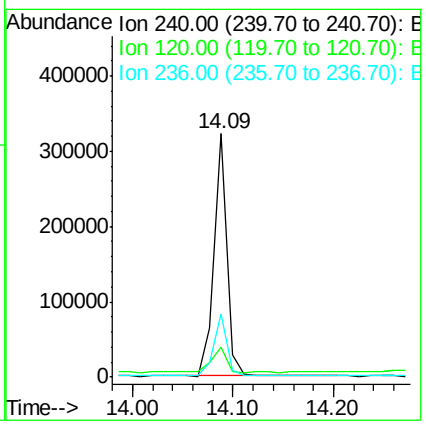


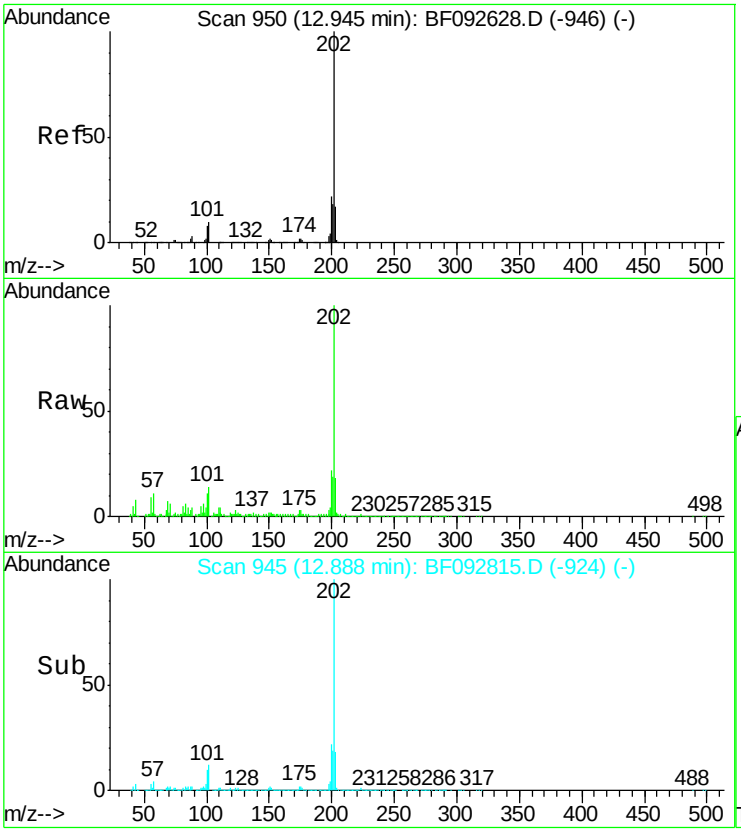


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:240 Resp: 287556

Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	25.7	20.9	31.3



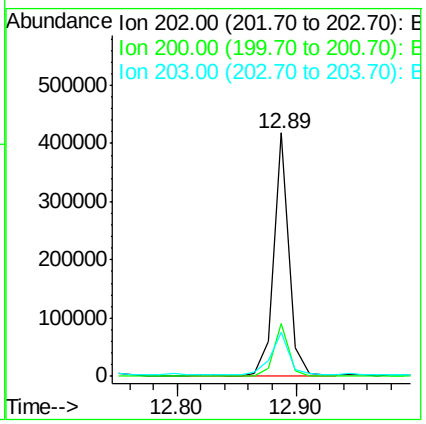


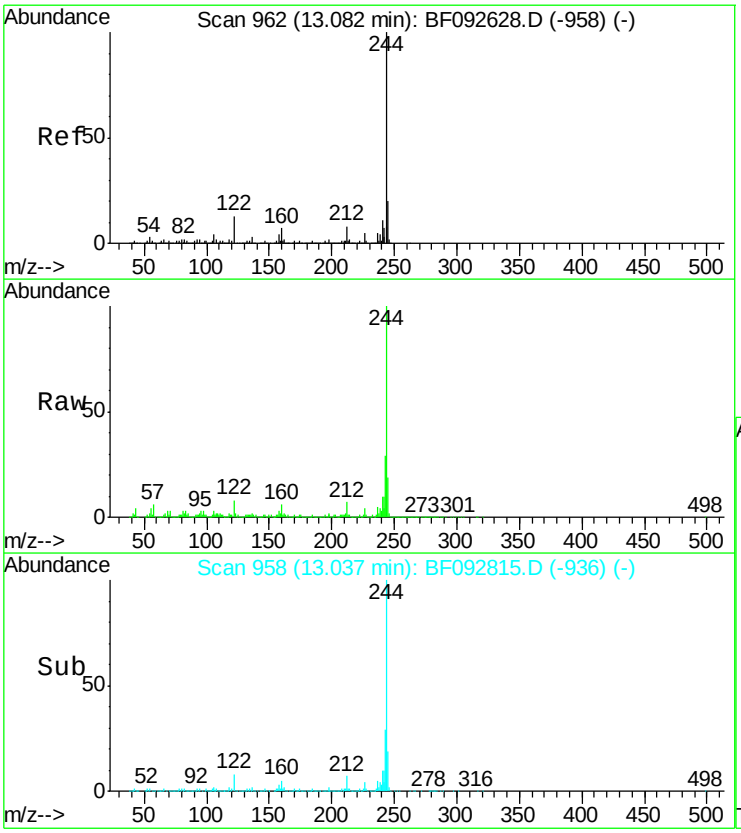
#77
Pyrene
Concen: 17.12 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:202 Resp: 368430

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.3	14.7	22.1

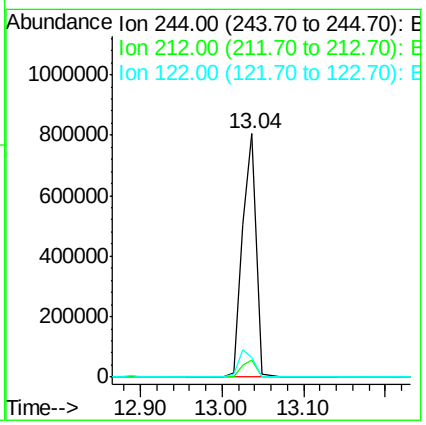


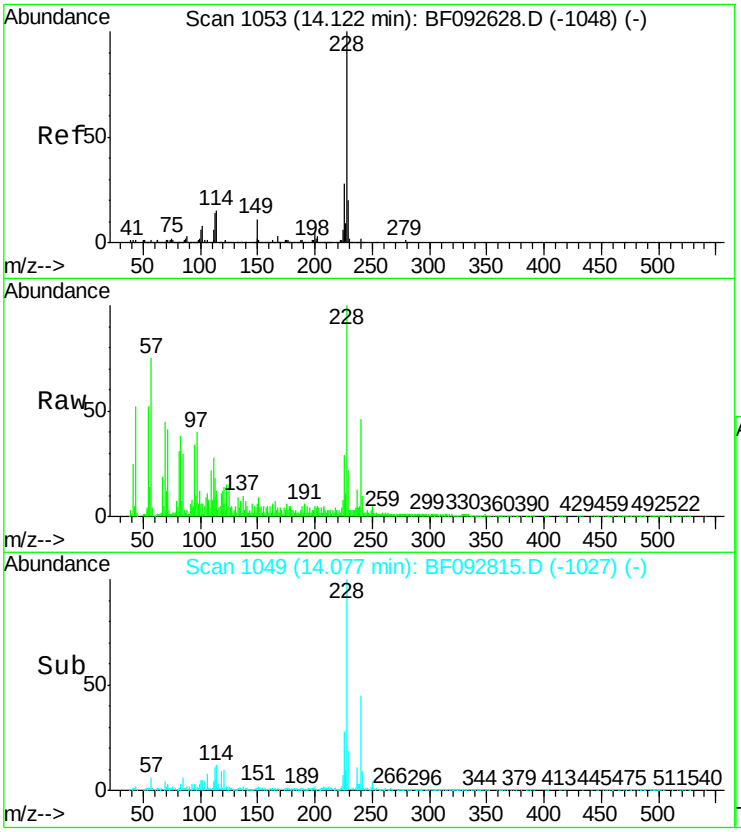


#78
Terphenyl-d14
Concen: 75.32 ng
RT: 13.04 min Scan# 958
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:244 Resp: 921719

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.1	11.4	17.2#



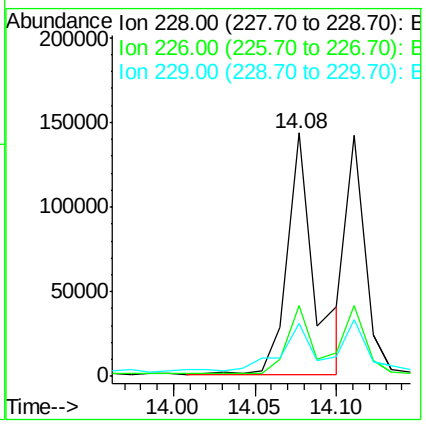


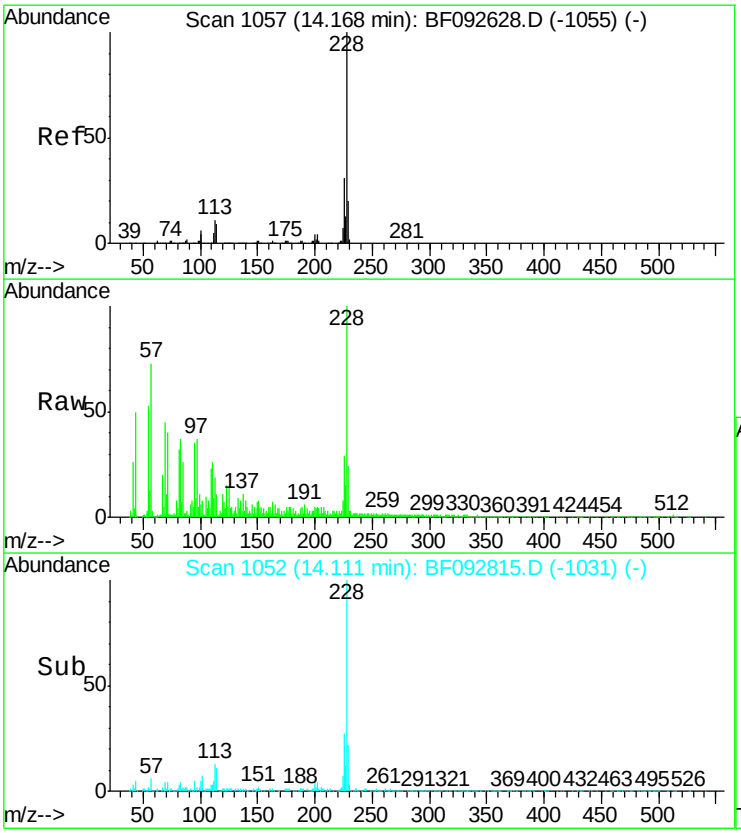
#80
Benzo(a)anthracene
Concen: 9.44 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.05 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:228 Resp: 165947

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	21.6	16.2	24.4

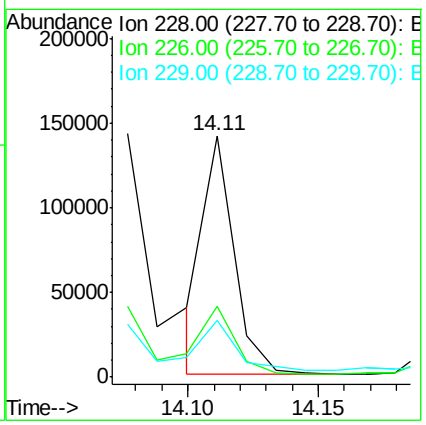


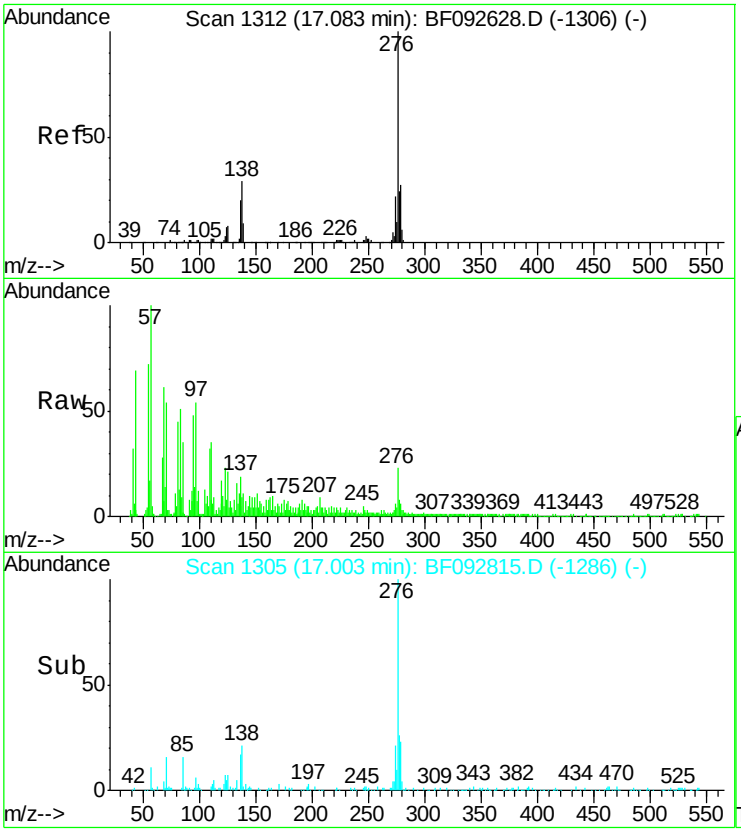


#82
Chrysene
Concen: 7.03 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:228 Resp: 115728

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.0
229	23.7	16.2	24.2



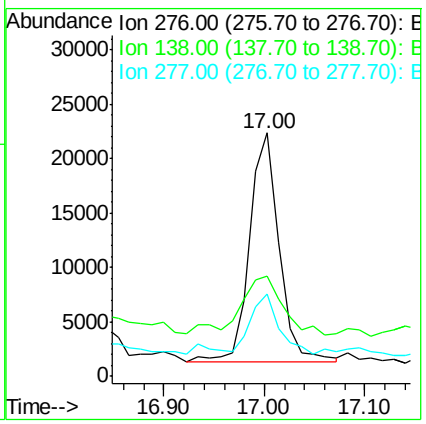


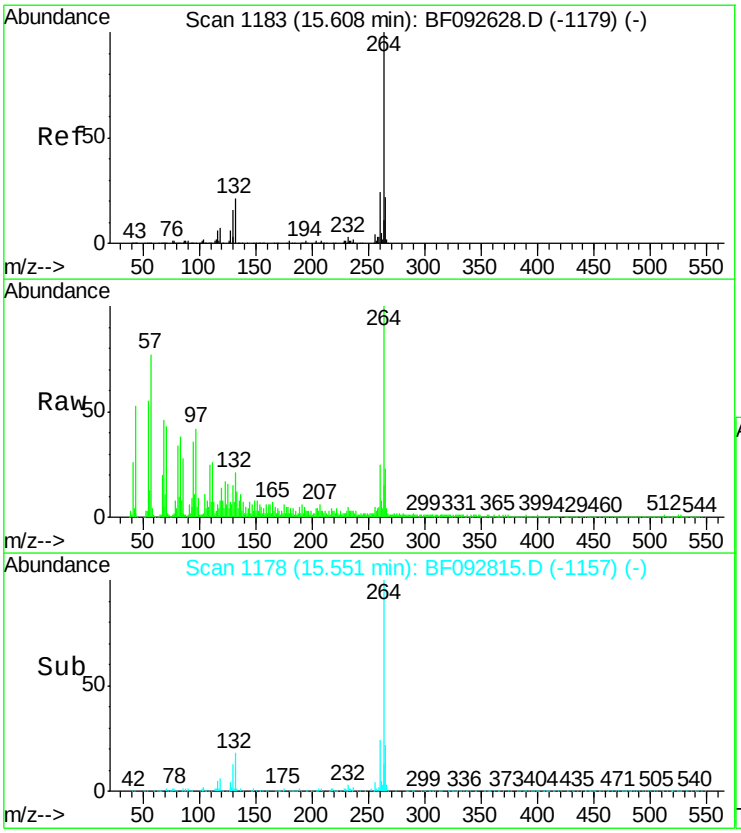
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.37 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.08 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:276 Resp: 42992

Ion	Ratio	Lower	Upper
276	100		
138	38.1	21.8	32.6#
277	24.4	20.2	30.4

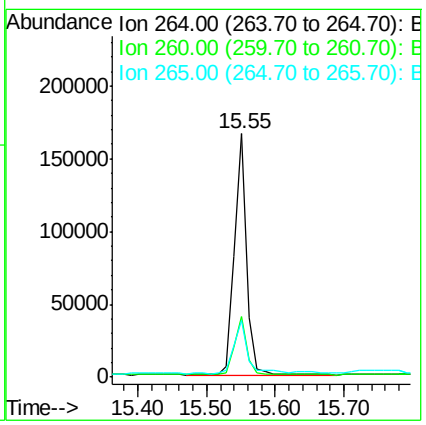


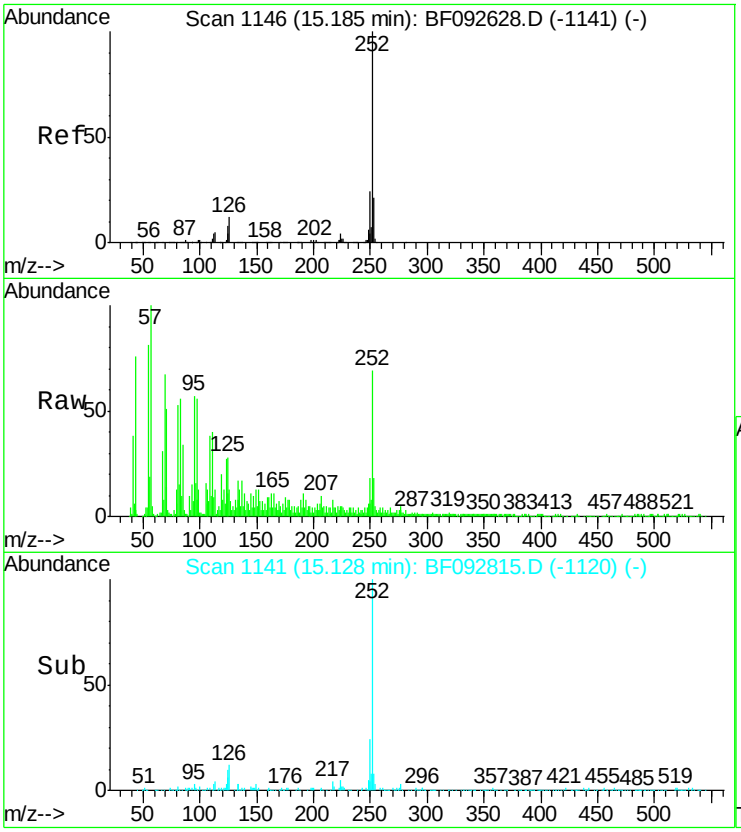


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:264 Resp: 210963

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.4	17.4	26.0



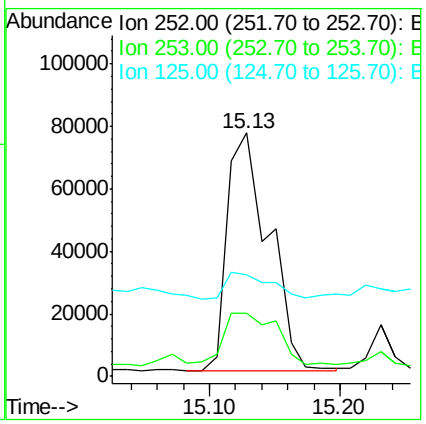


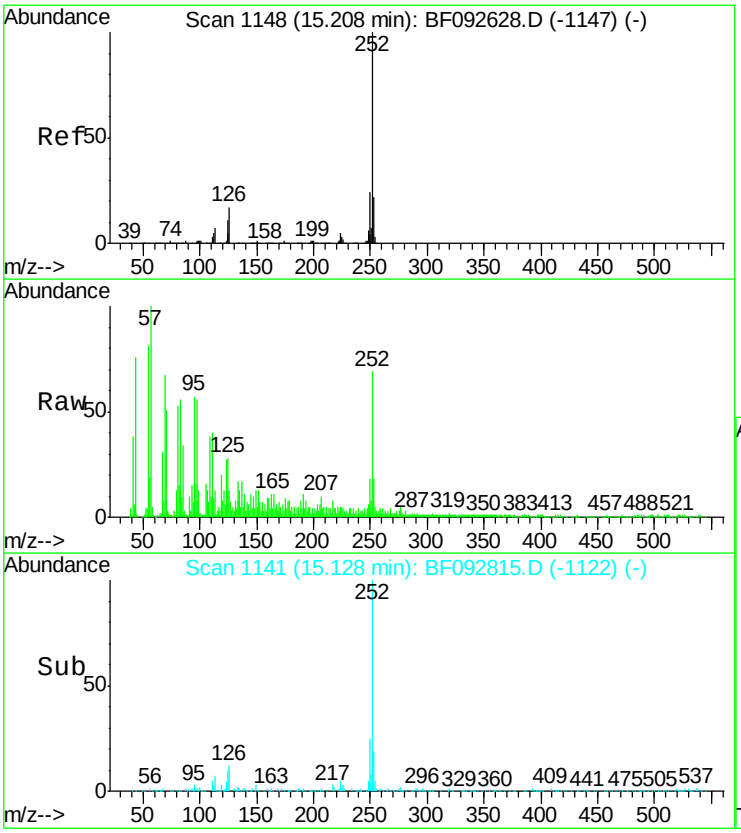
#87
Benzo(b)fluoranthene
Concen: 12.22 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:252 Resp: 169635

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	41.5	9.8	14.6#

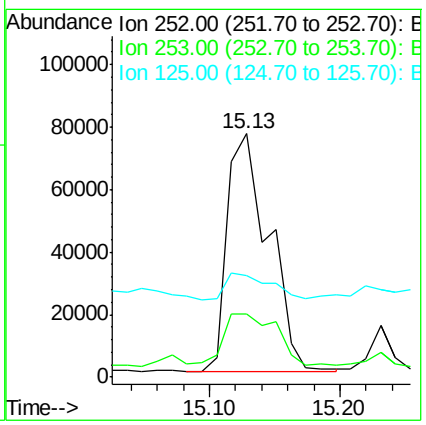


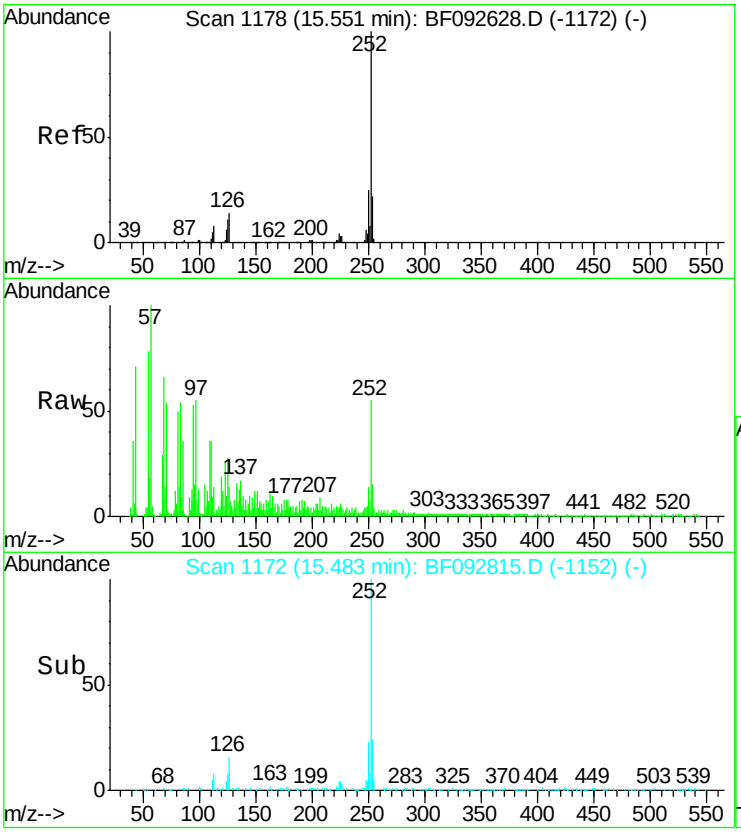


#88
Benzo(k)fluoranthene
Concen: 14.15 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:252 Resp: 169635

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.5	27.7
125	41.5	8.9	13.3#



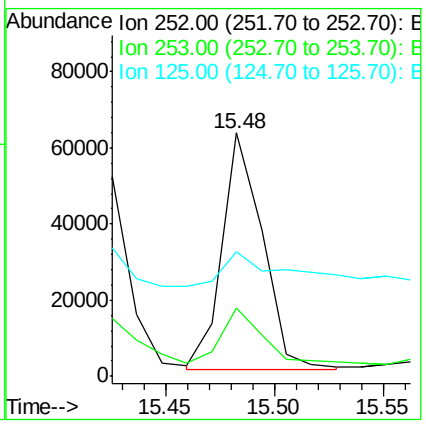


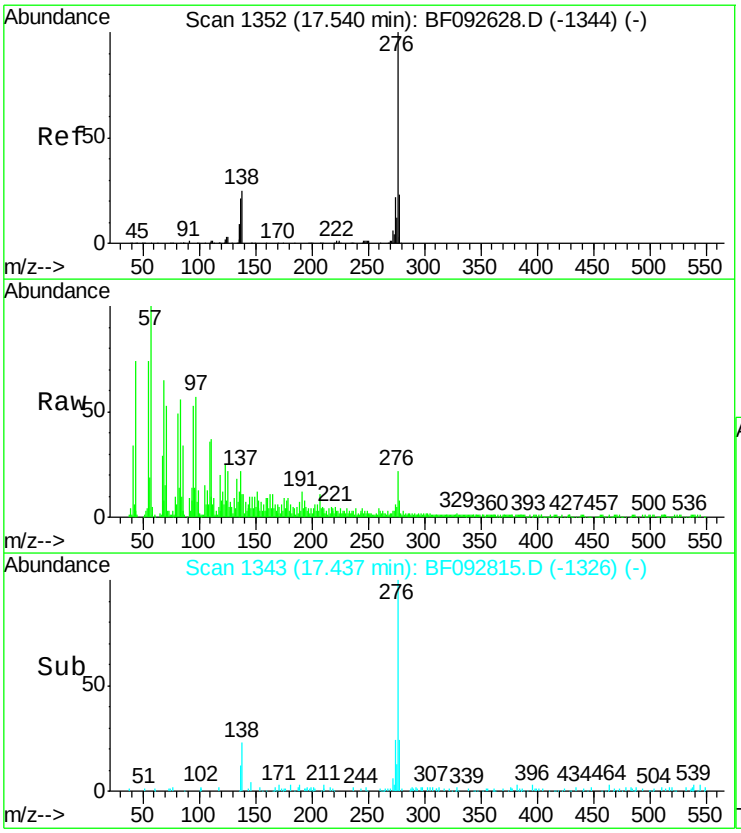
#89
Benzo(a)pyrene
Concen: 6.66 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion:252 Resp: 80035

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	51.3	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 3.98 ng
RT: 17.44 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF092815.D
Acq: 7 Feb 2017 00:10

Tgt Ion:276 Resp: 39019

Ion	Ratio	Lower	Upper
276	100		
277	34.4	19.2	28.8#
138	48.1	16.0	24.0#