Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076805.D
Acq On : 10 Jan 2015 2:14
Operator : IZ / TP
Sample : G1052-01
Misc : S DOD
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0406

Quant Time: Jan 10 03:54:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 10 00:03:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33622	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	139510	20.00	ng	0.00
38) Acenaphthene-d10	15.13	164	75354	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	119831	20.00	ng	0.00
75) Chrysene-d12	21.34	240	111253	20.00	ng	-0.01
86) Perylene-d12	23.01	264	102024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	204784	100.19	ng	-0.01
7) Phenol-d6	7.49	99	259641	100.82	ng	-0.01
23) Nitrobenzene-d5	9.37	82	163717	63.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	57519	89.09	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	307701	59.42	ng	0.00
78) Terphenyl-d14	20.07	244	274177	53.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.35	88	1774	2.06	ng	# 14
10) Phenol	7.51	94	6980	2.50	ng	# 68
49) Dimethylphthalate	14.70	163	55085	9.96	ng	# 99
62) Azobenzene	16.71	77	35124	5.91	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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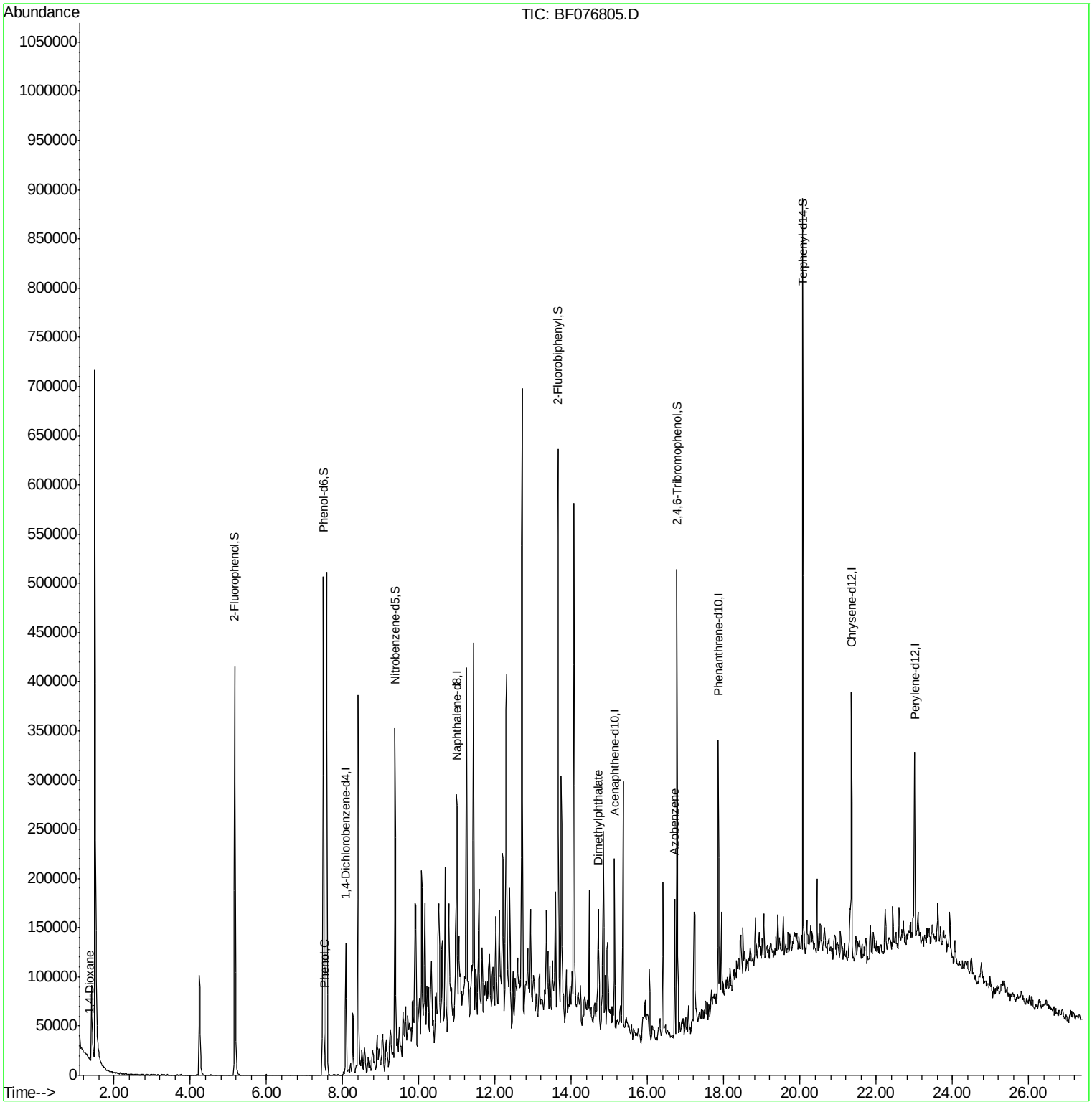
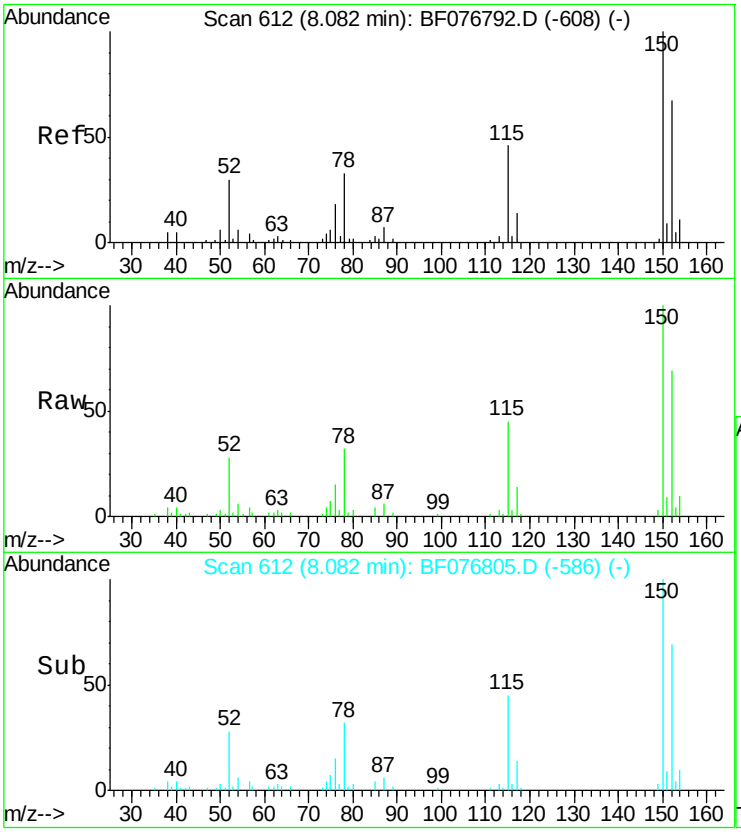


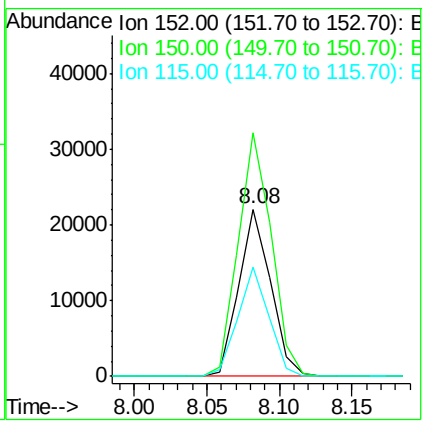


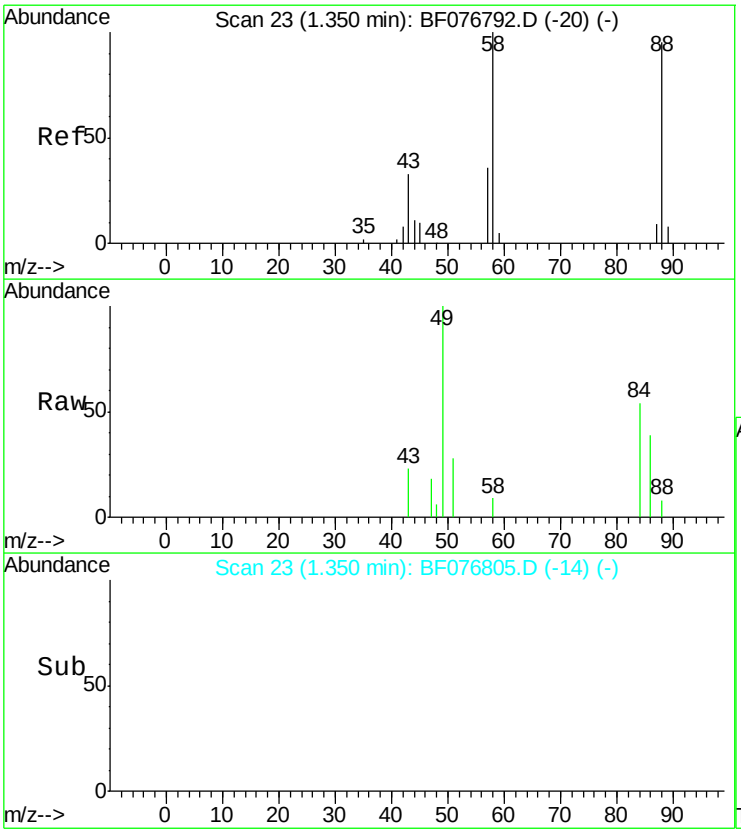
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:152 Resp: 33622

Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	65.7	54.6	81.8

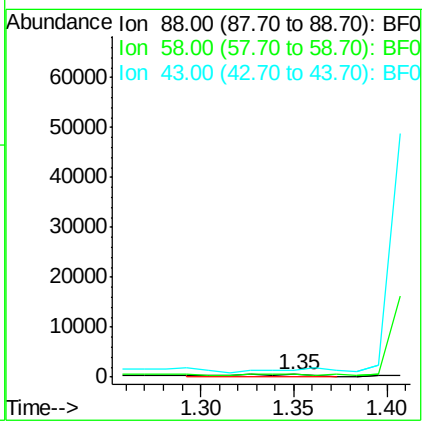


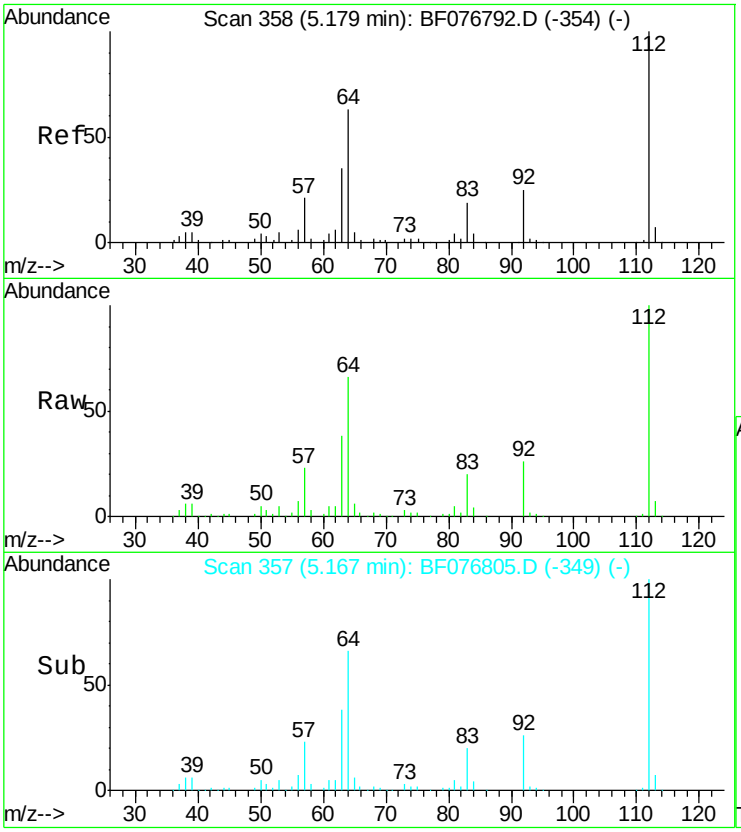


#2
1,4-Dioxane
Concen: 2.06 ng
RT: 1.35 min Scan# 23
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion: 88 Resp: 1774

Ion	Ratio	Lower	Upper
88	100		
58	0.0	72.4	108.6#
43	0.0	24.0	36.0#



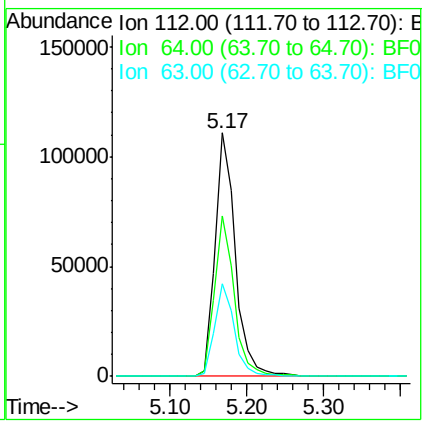


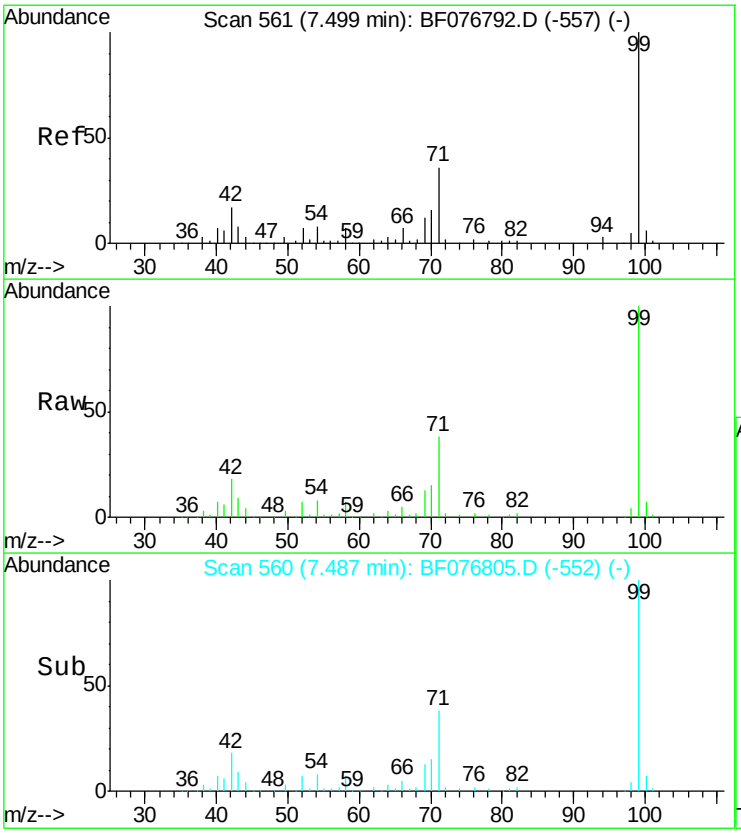
#5
2-Fluorophenol
Concen: 100.19 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:112 Resp: 204784

Ion	Ratio	Lower	Upper
112	100		
64	65.9	50.2	75.4
63	38.0	27.8	41.6

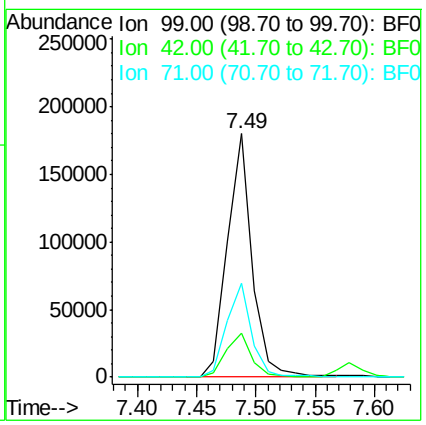


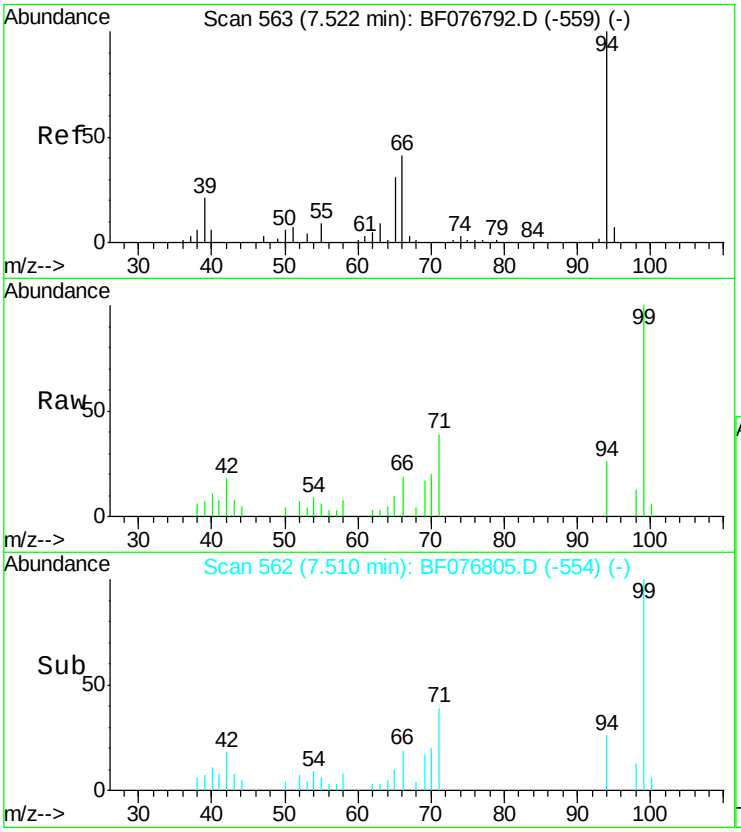


#7
Phenol-d6
Concen: 100.82 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion: 99 Resp: 259641

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.3	19.9
71	38.3	29.2	43.8



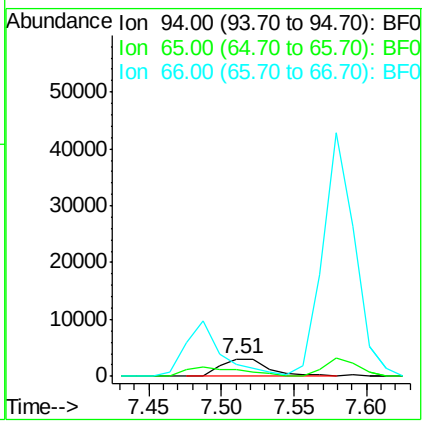


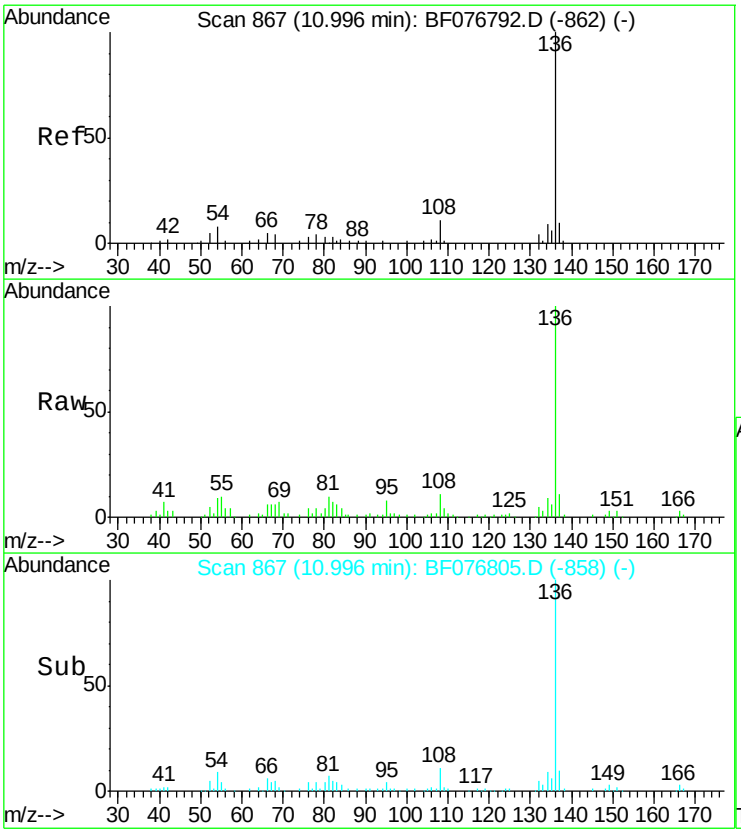
#10
Phenol
Concen: 2.50 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion: 94 Resp: 6980

Ion	Ratio	Lower	Upper
94	100		
65	38.6	11.6	51.6
66	71.3	22.3	62.3#

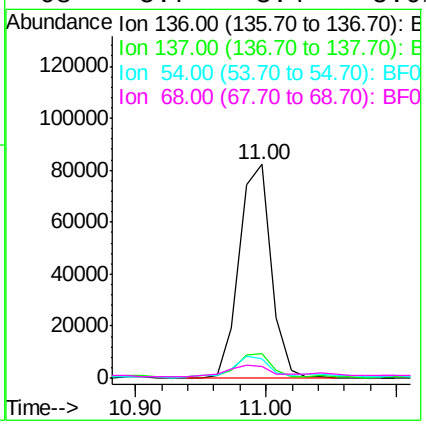


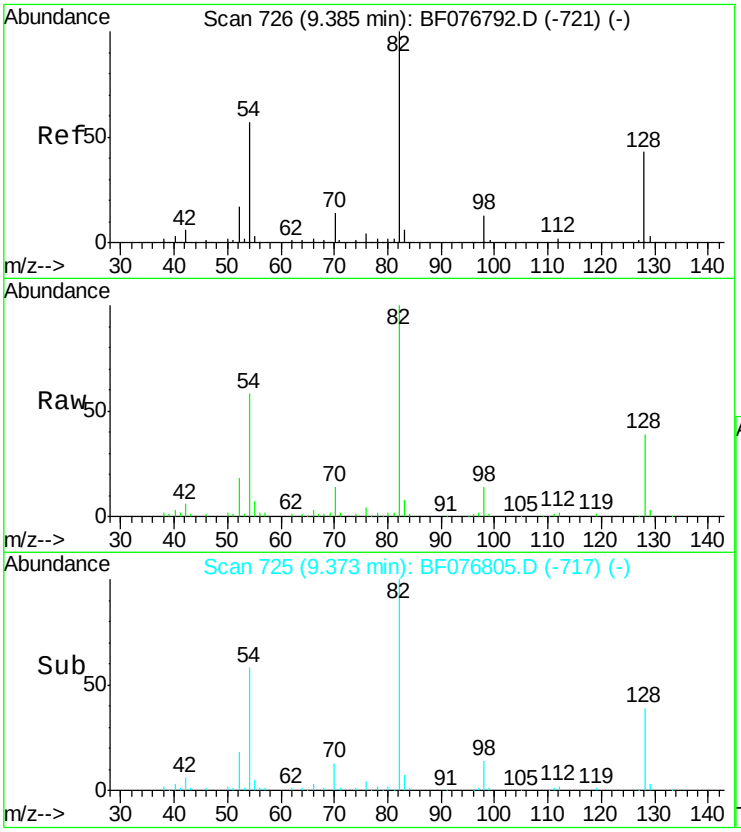


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:136 Resp: 139510

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	9.0	6.3	9.5
68	5.7	3.4	5.0#



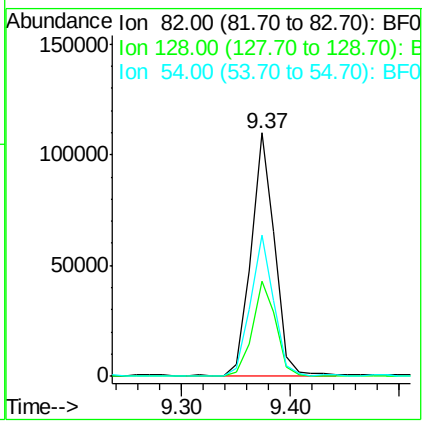


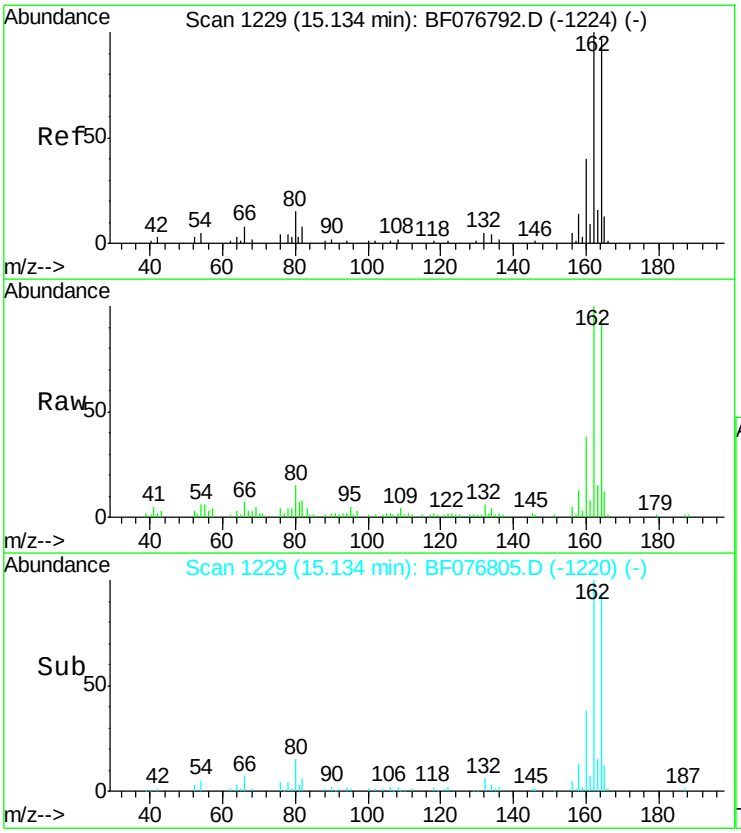
#23
Nitrobenzene-d5
Concen: 63.85 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion: 82 Resp: 163717

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	57.9	45.6	68.4

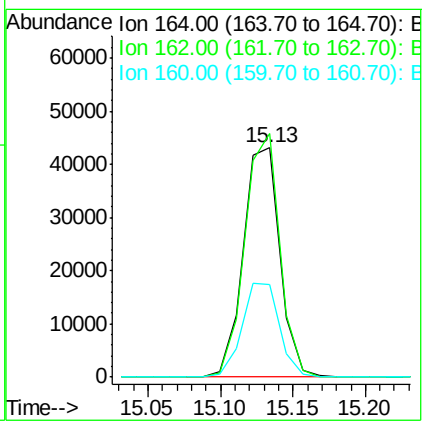


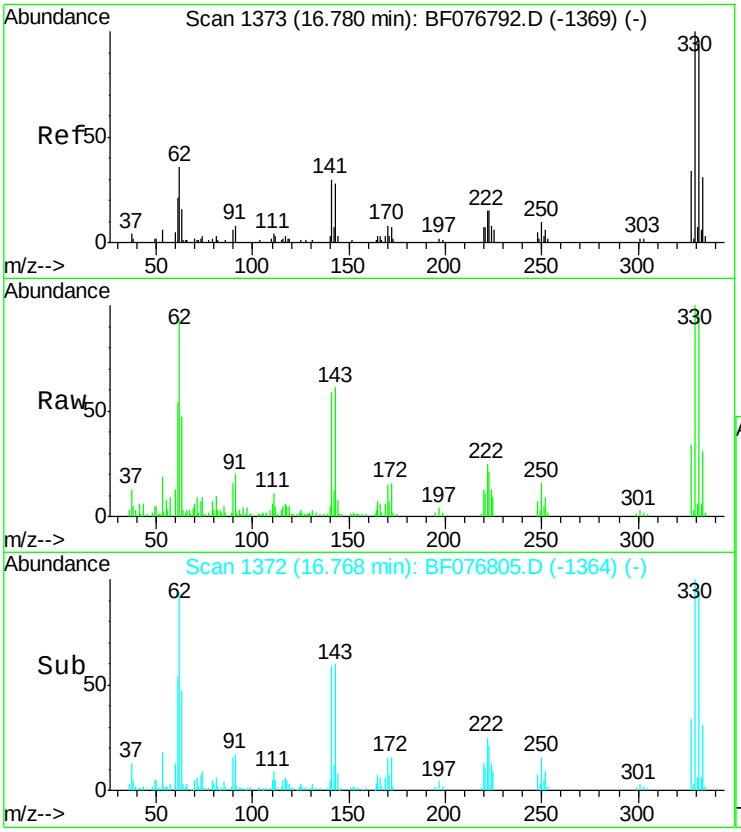


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:164 Resp: 75354

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.5	123.7
160	40.5	33.1	49.7



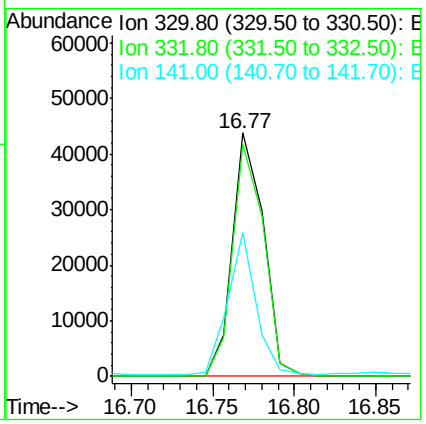


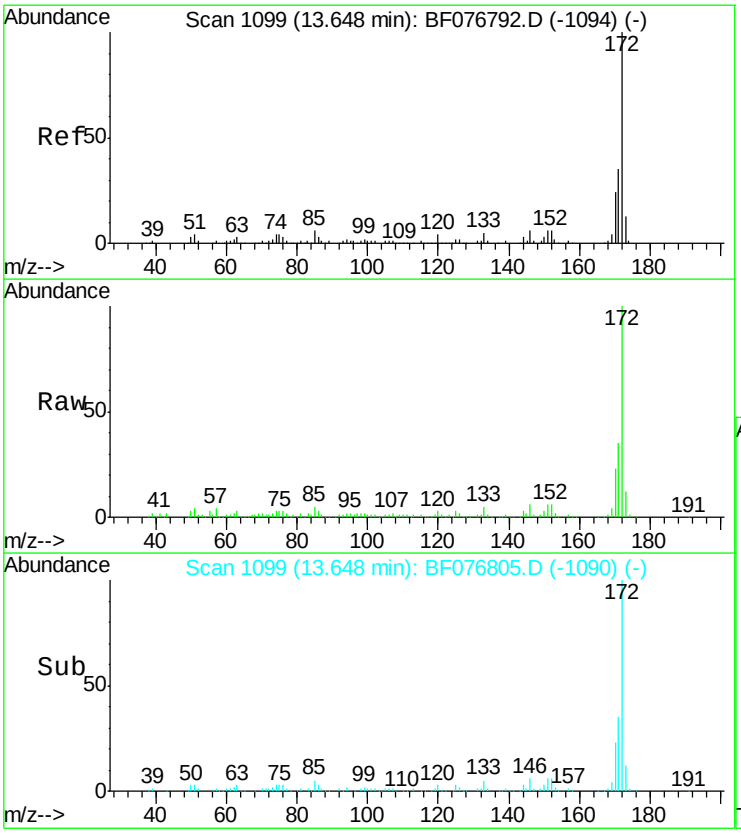
#41
2,4,6-Tribromophenol
Concen: 89.09 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:330 Resp: 57519

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.8	112.2
141	53.5	42.4	63.6

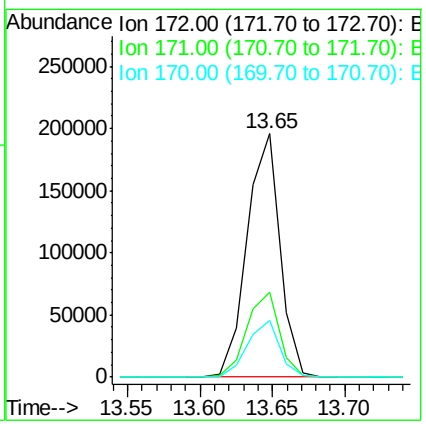


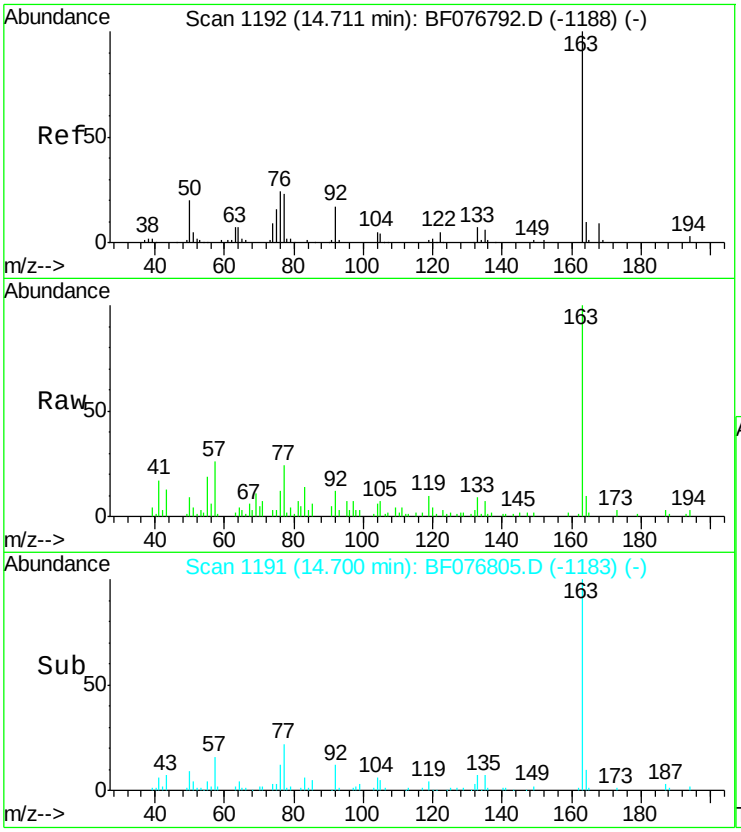


#44
2-Fluorobiphenyl
Concen: 59.42 ng
RT: 13.65 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:172 Resp: 307701

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.5	18.8	28.2



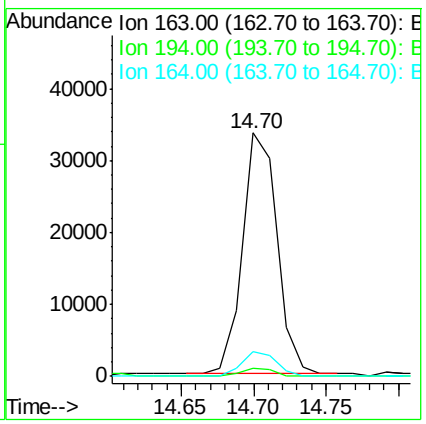


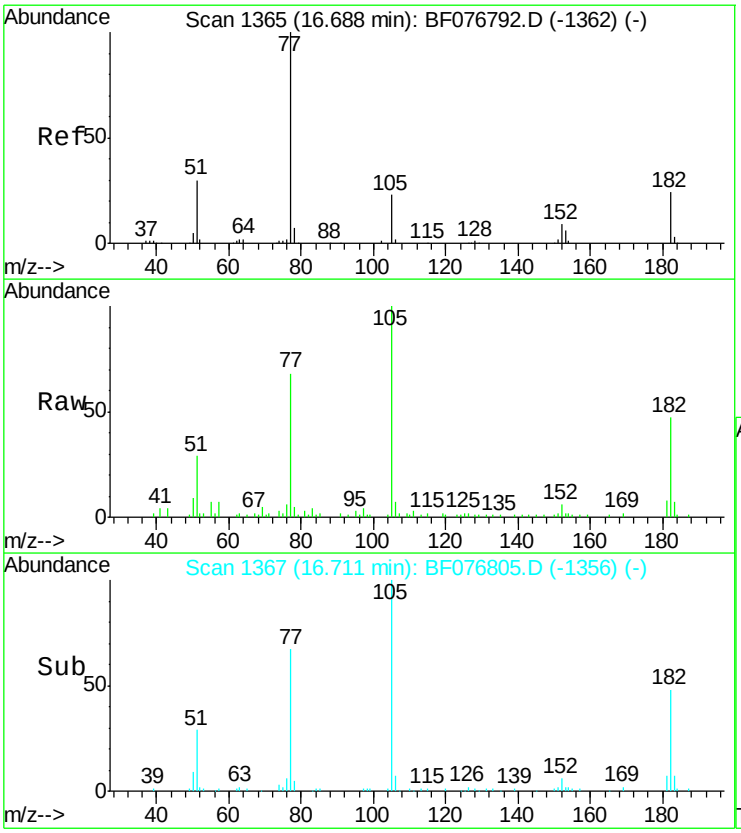
#49
Dimethylphthalate
Concen: 9.96 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:163 Resp: 55085

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.3	3.5#
164	9.9	8.3	12.5

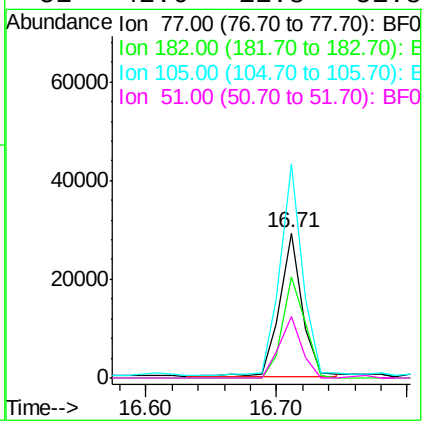


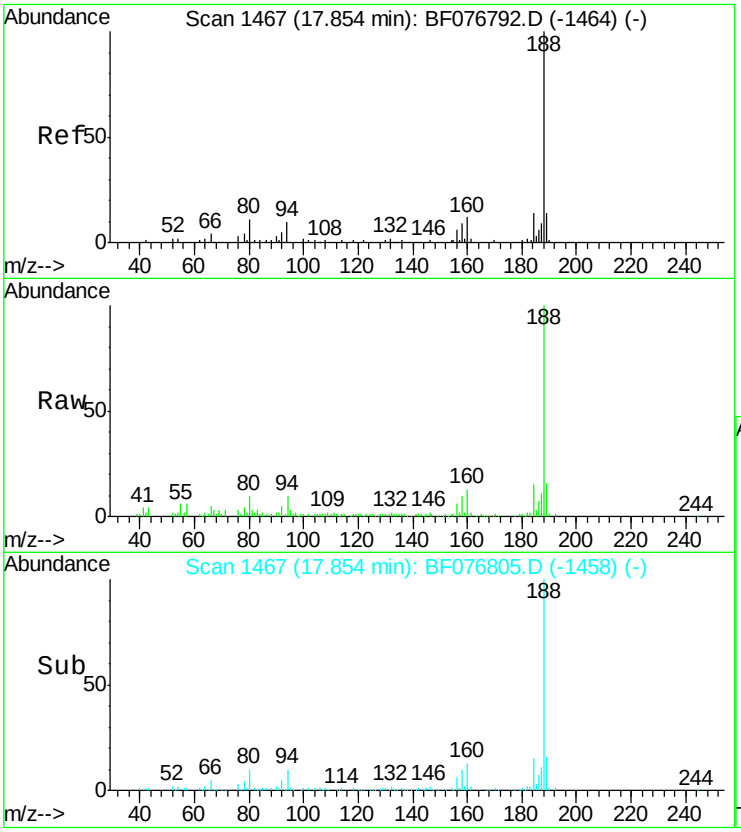


#62
Azobenzene
Concen: 5.91 ng
RT: 16.71 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion: 77 Resp: 35124

Ion	Ratio	Lower	Upper
77	100		
182	69.6	3.7	43.7#
105	147.5	2.7	42.7#
51	42.6	11.8	51.8



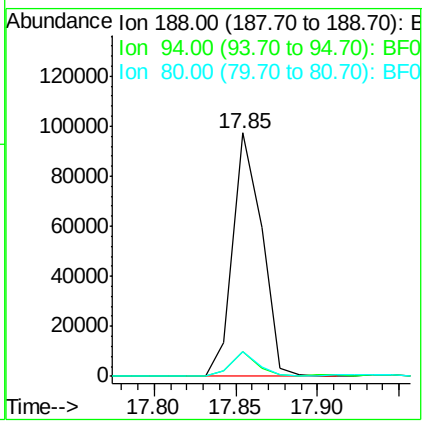


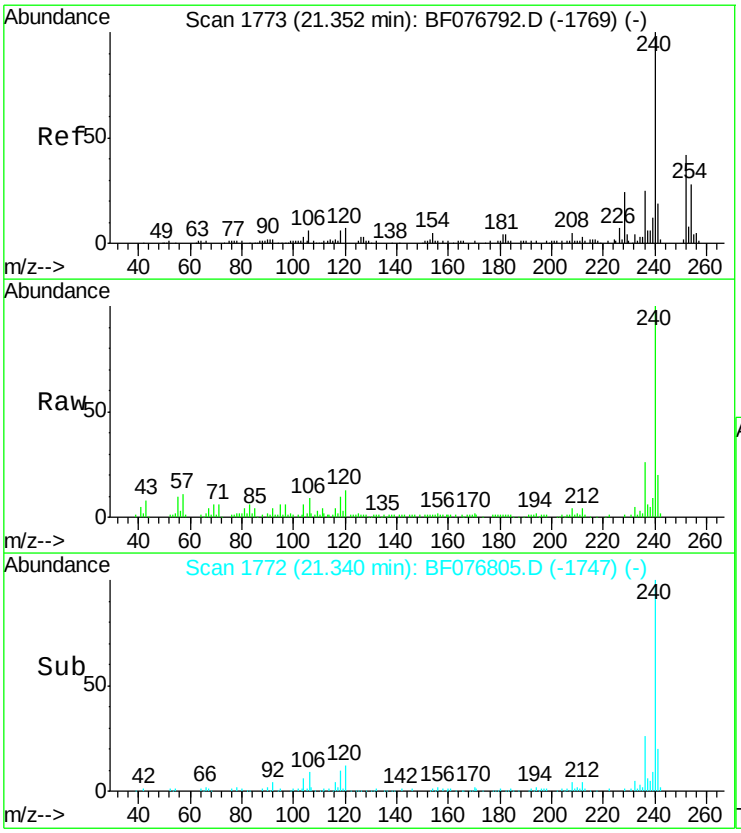
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:188 Resp: 119831

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.2	8.6	13.0

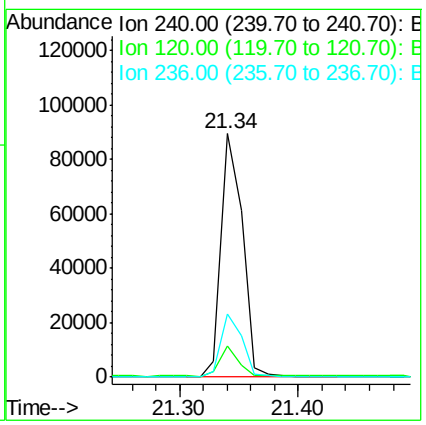


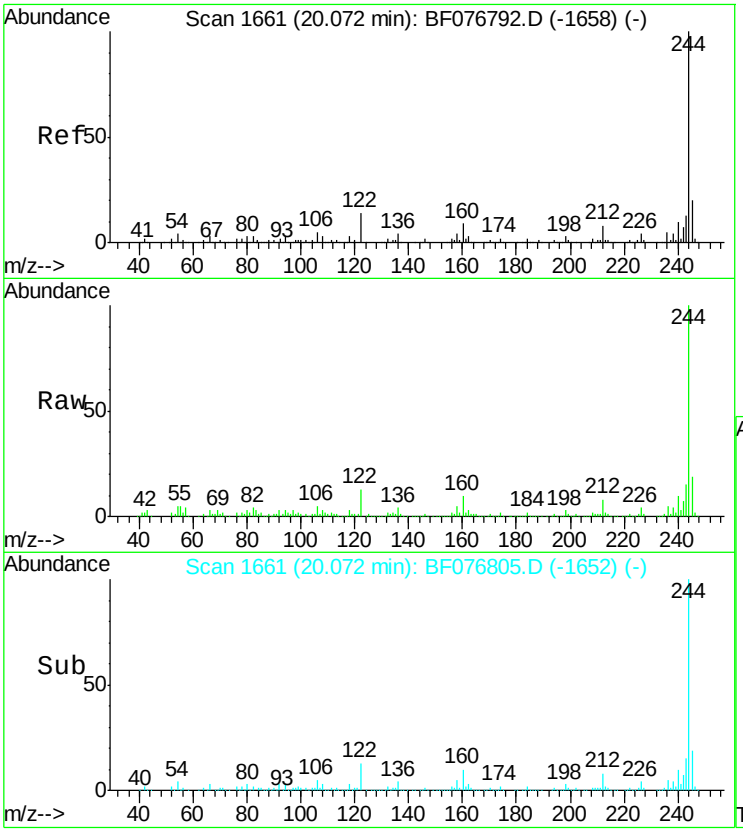


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:240 Resp: 111253

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.7	8.5#
236	25.9	19.7	29.5



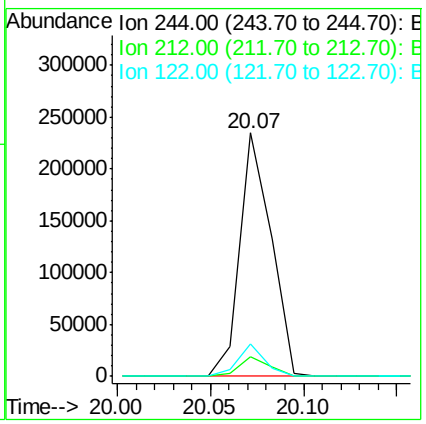


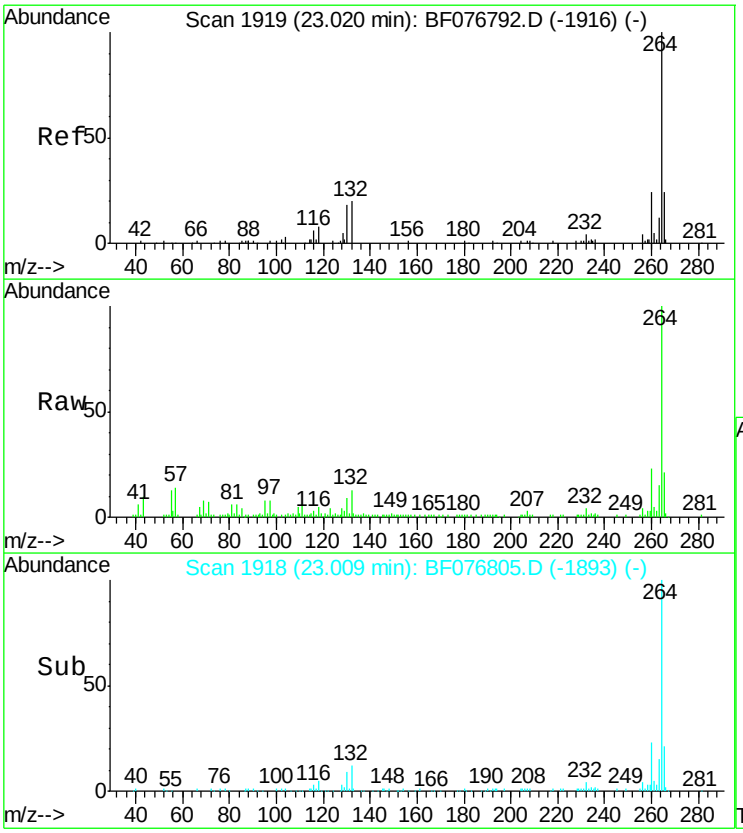
#78
Terphenyl-d14
Concen: 53.08 ng
RT: 20.07 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Instrument :
BNA_F
ClientSampleId :
S8-0406

Tgt Ion:244 Resp: 274177

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.4	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.01 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF076805.D
Acq: 10 Jan 2015 2:14

Tgt Ion:264 Resp: 102024

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.1	18.9	28.3