Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083874.D
Acq On : 17 Dec 2015 8:12
Operator : UM/SJ
Sample : G4800-03
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-36

Quant Time: Dec 17 12:29:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86446	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	364816	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	173350	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	330087	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	220955	20.00	ng	-0.03
86) Perylene-d12	15.49	264	184452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	366406	68.38	ng	-0.02
7) Phenol-d6	6.52	99	299104	44.08	ng	-0.02
23) Nitrobenzene-d5	7.46	82	635978	97.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	269413	152.52	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1028902	87.87	ng	-0.03
78) Terphenyl-d14	13.00	244	1051320	102.35	ng	-0.02
Target Compounds						Qvalue

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

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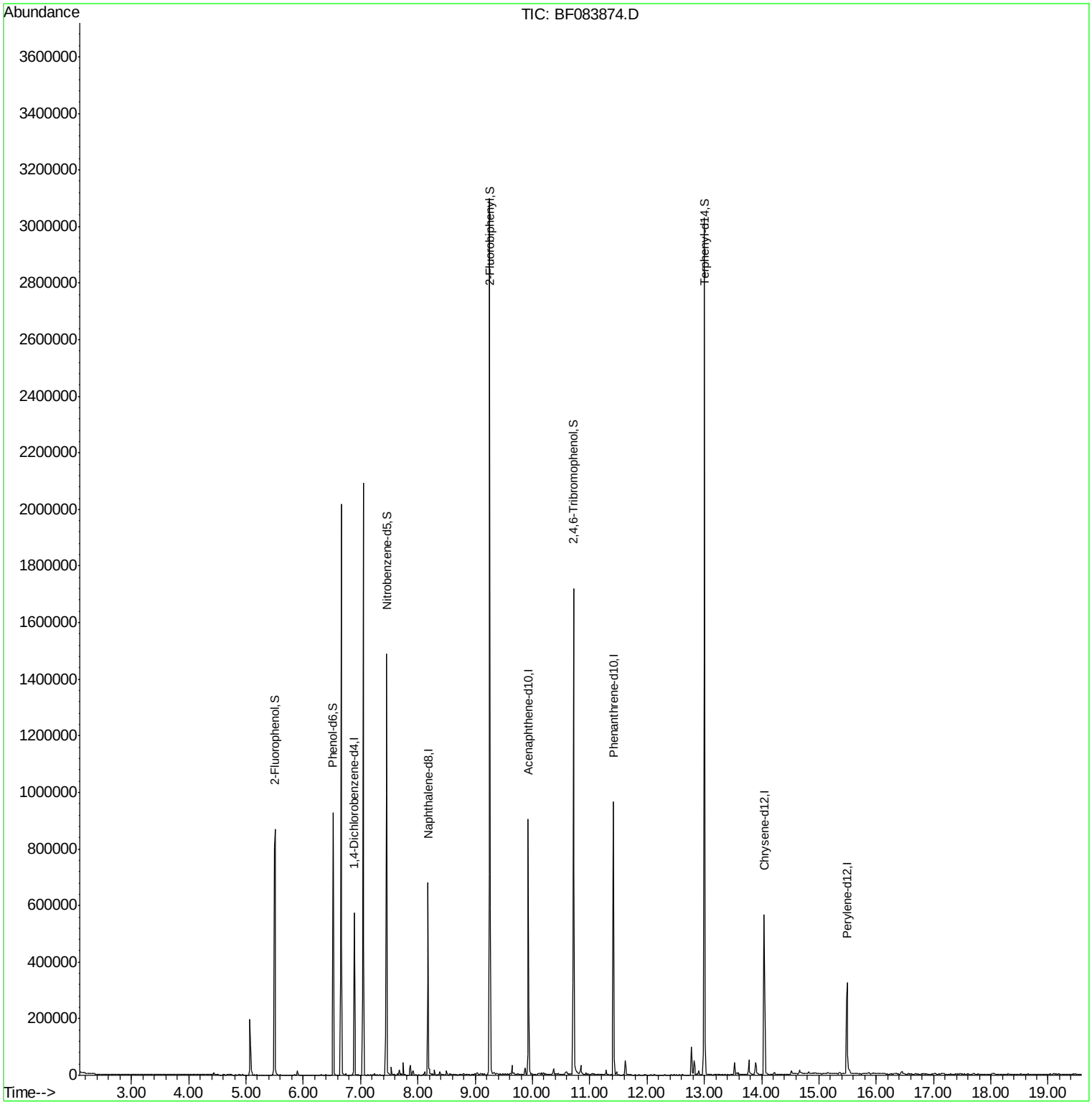
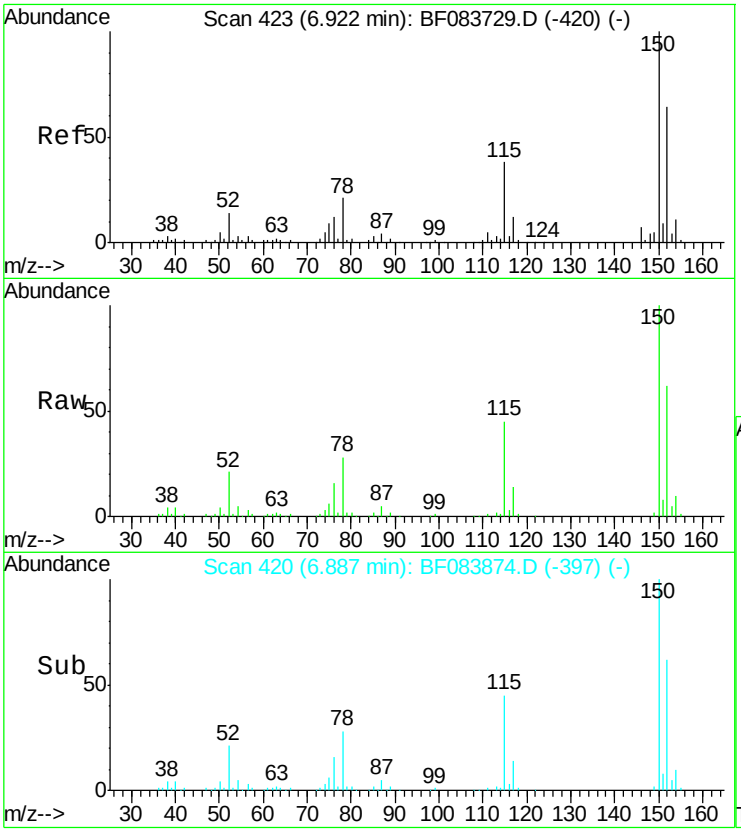


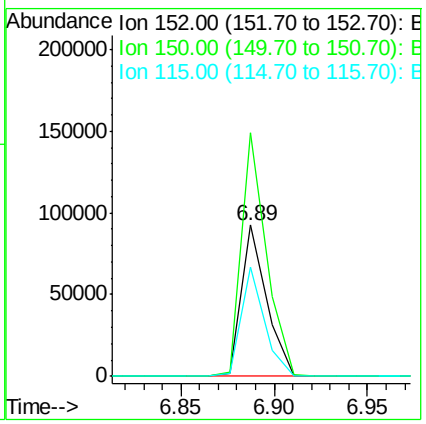


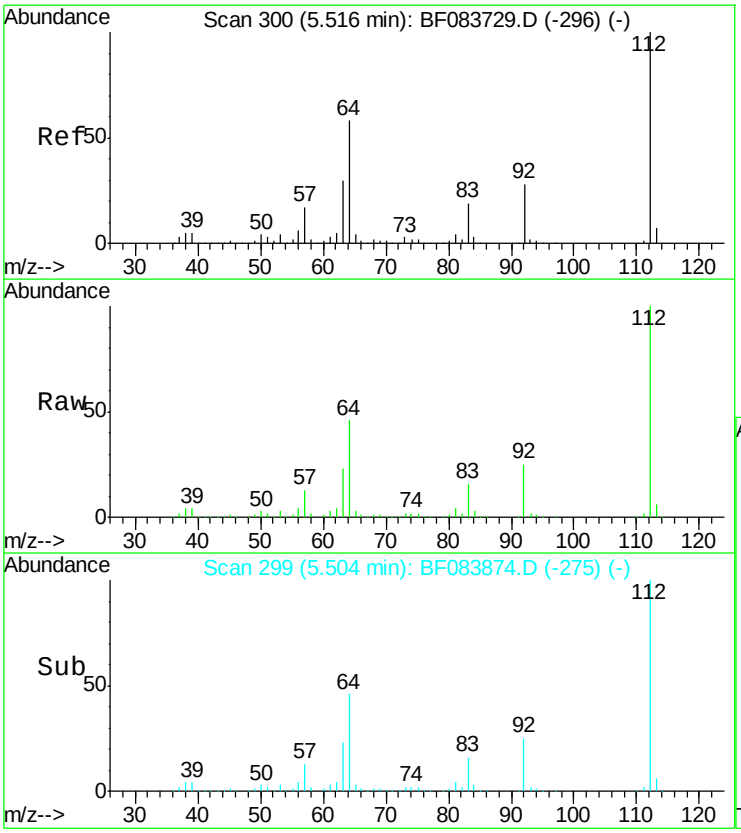
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:152 Resp: 86446

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.5	189.7
115	72.0	52.3	78.5

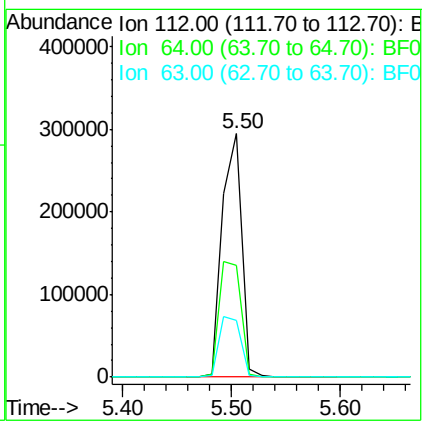


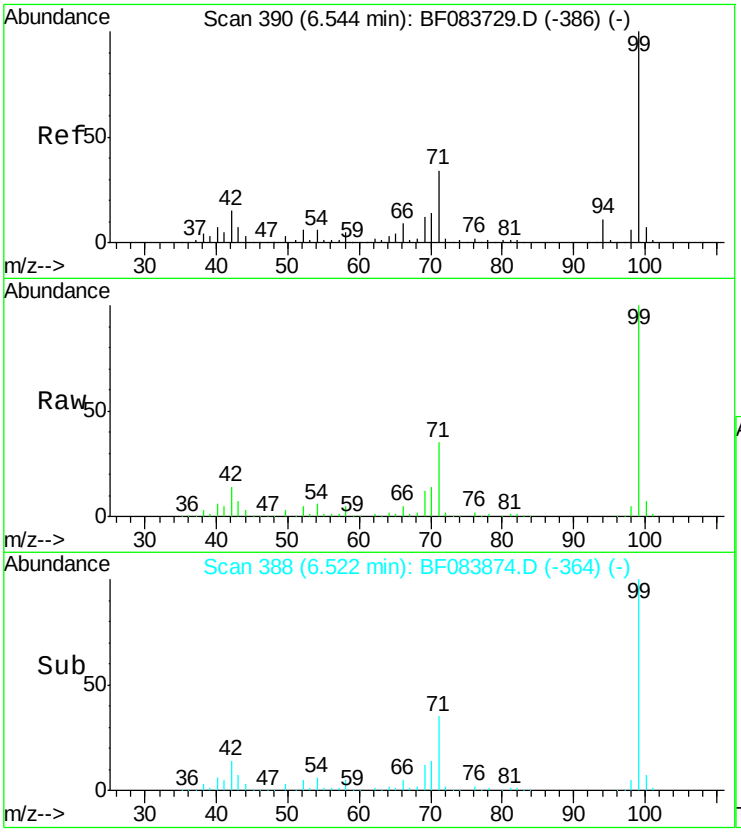


#5
2-Fluorophenol
Concen: 68.38 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:112 Resp: 366406

Ion	Ratio	Lower	Upper
112	100		
64	45.7	50.5	75.7#
63	23.1	25.8	38.6#



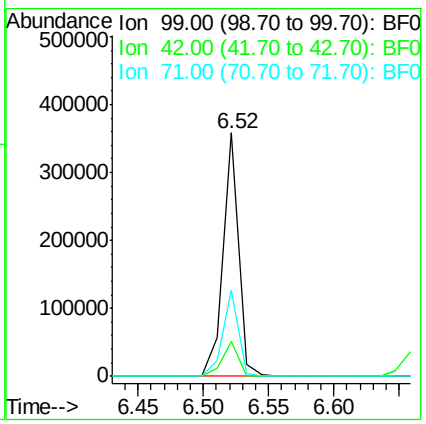


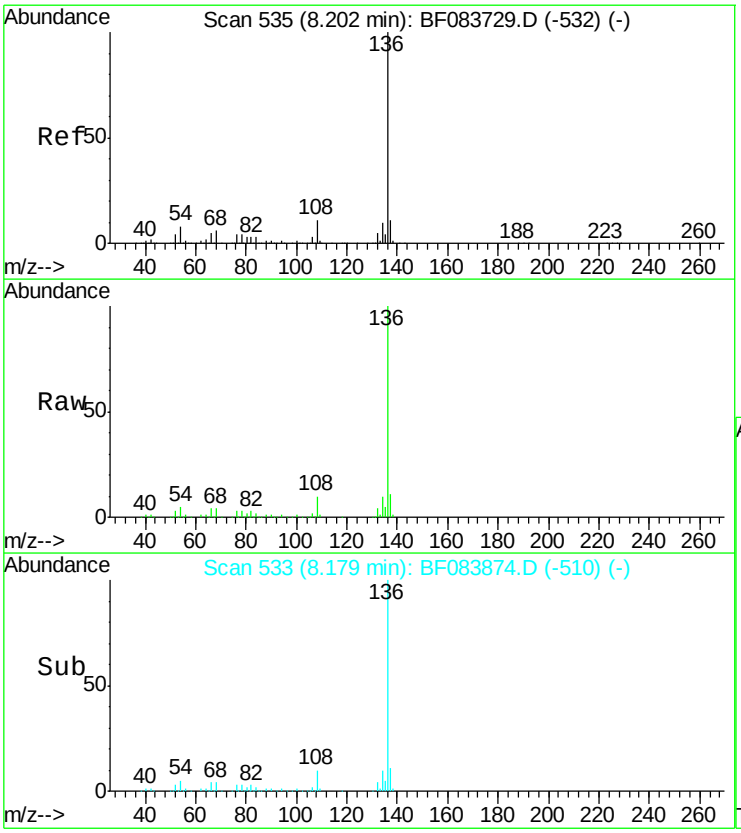
#7
Phenol-d6
Concen: 44.08 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion: 99 Resp: 299104

Ion	Ratio	Lower	Upper
99	100		
42	14.4	17.3	25.9#
71	35.4	26.6	40.0

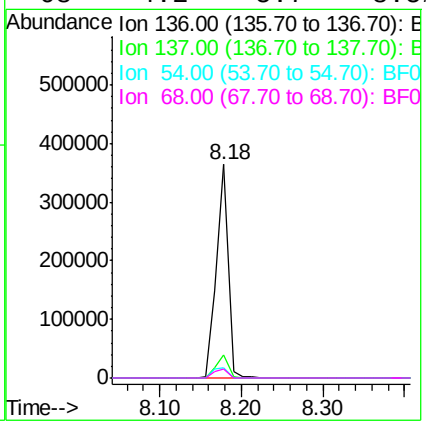


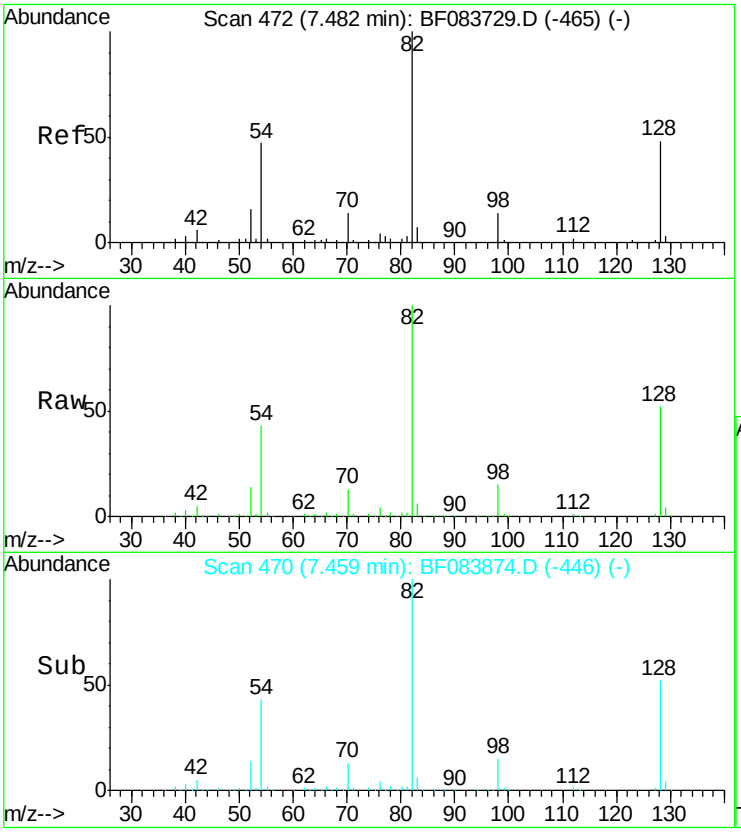


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:136 Resp: 364816

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.0	7.8	11.6#
68	4.2	5.7	8.5#



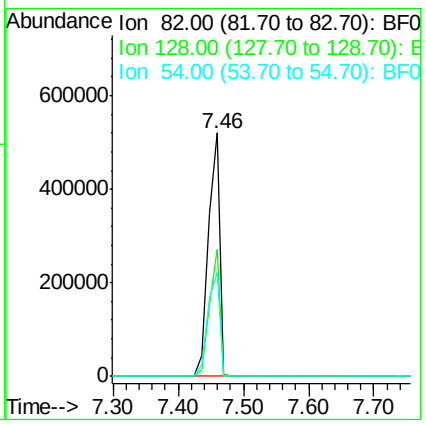


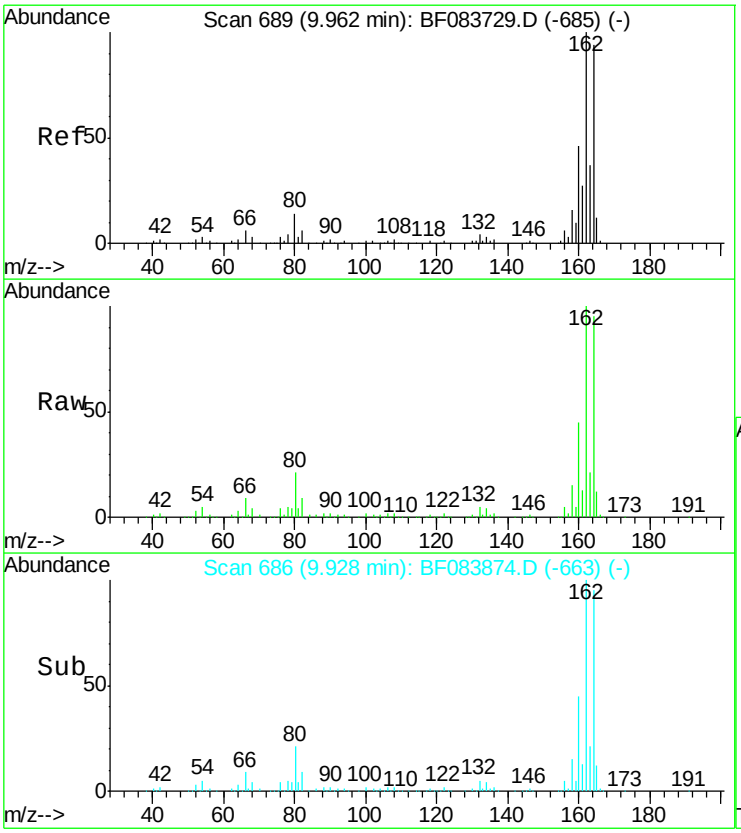
#23
Nitrobenzene-d5
Concen: 97.53 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion: 82 Resp: 635978

Ion	Ratio	Lower	Upper
82	100		
128	52.2	30.7	46.1#
54	42.6	42.5	63.7

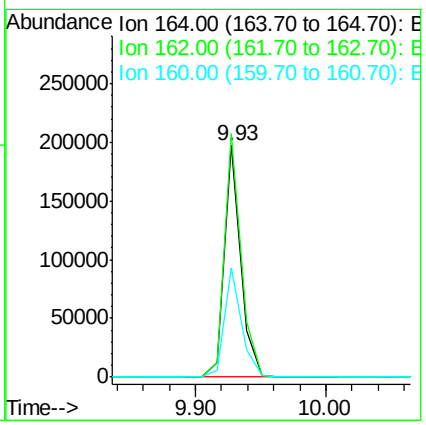


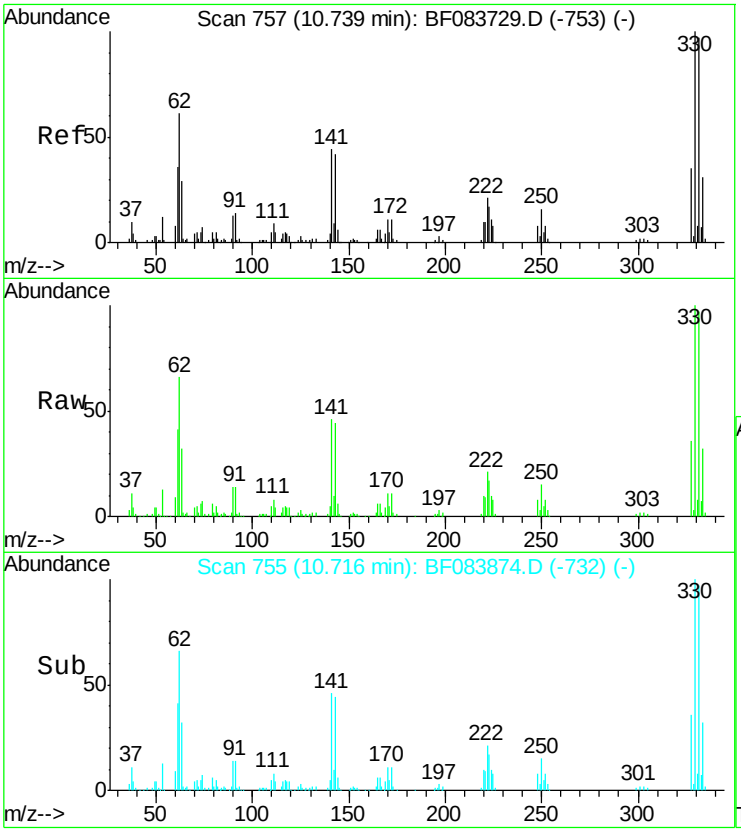


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:164 Resp: 173350

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	47.0	33.4	50.2



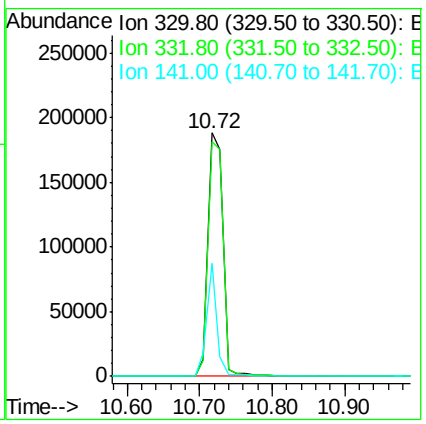


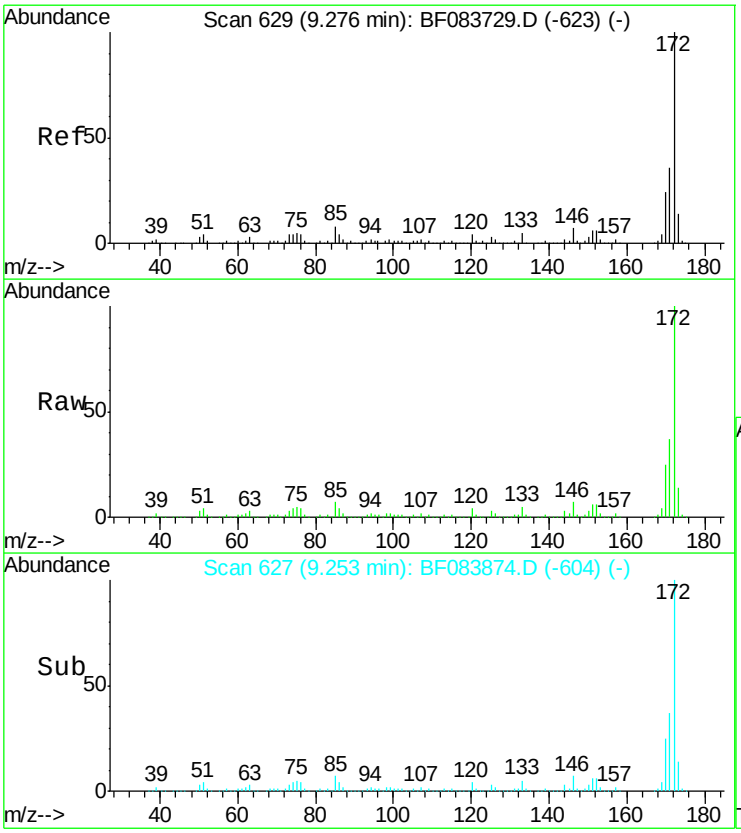
#41
2,4,6-Tribromophenol
Concen: 152.52 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:330 Resp: 269413

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	32.1	0.0	0.0#

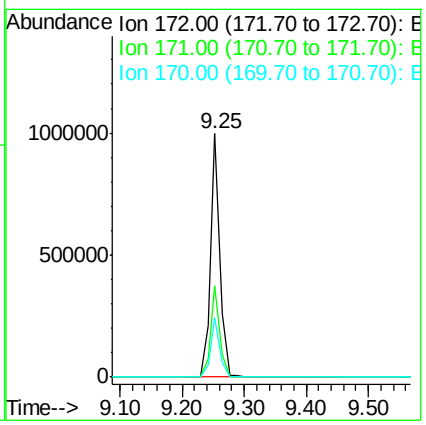


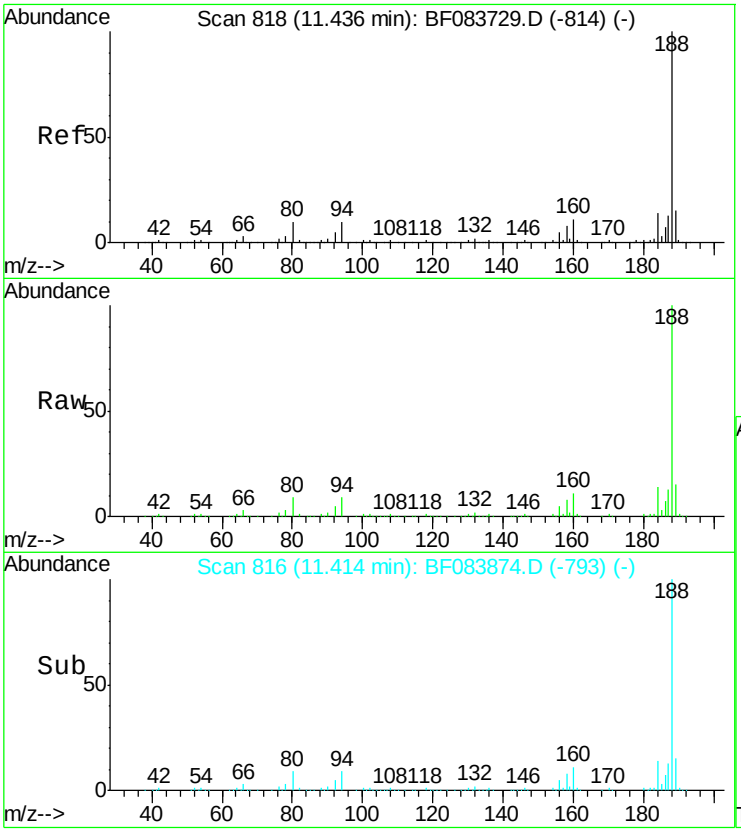


#44
2-Fluorobiphenyl
Concen: 87.87 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:172 Resp: 1028902

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.5	19.4	29.0



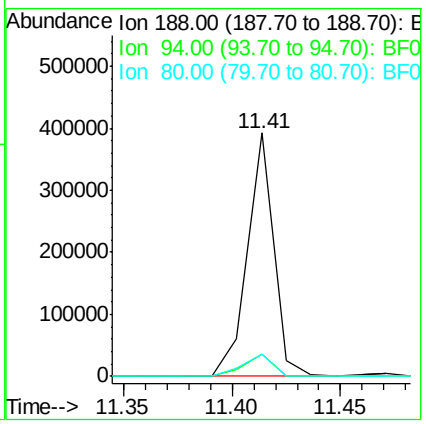


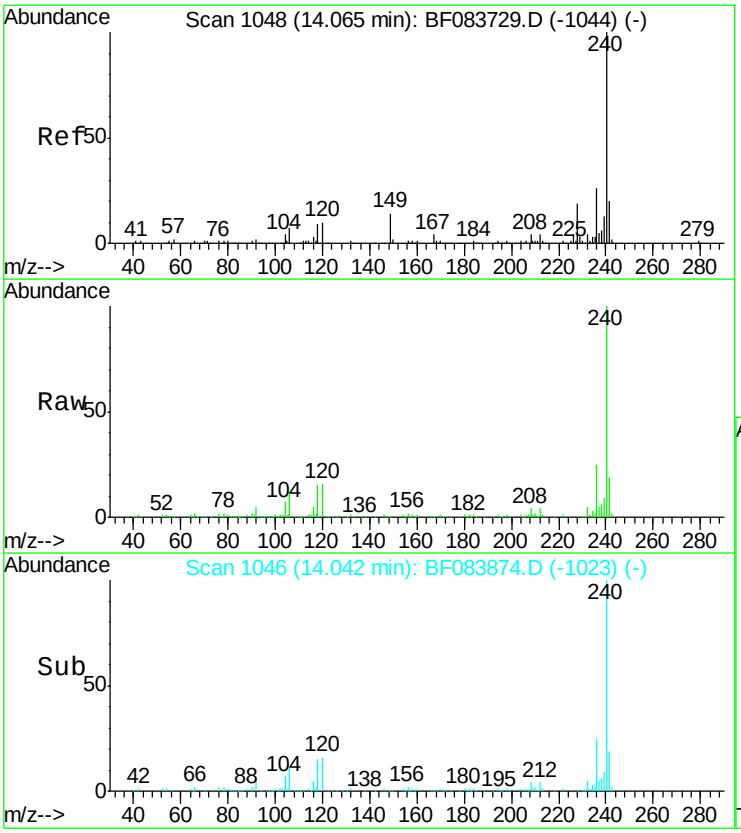
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:188 Resp: 330087

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.4	14.2#
80	9.1	10.6	16.0#

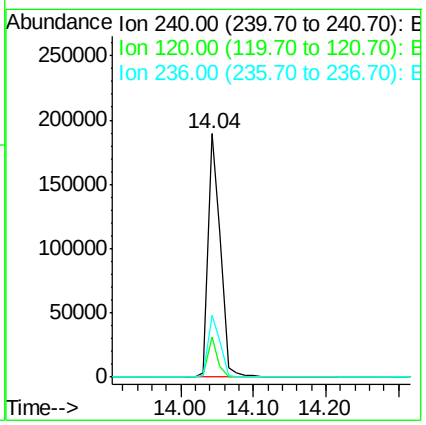


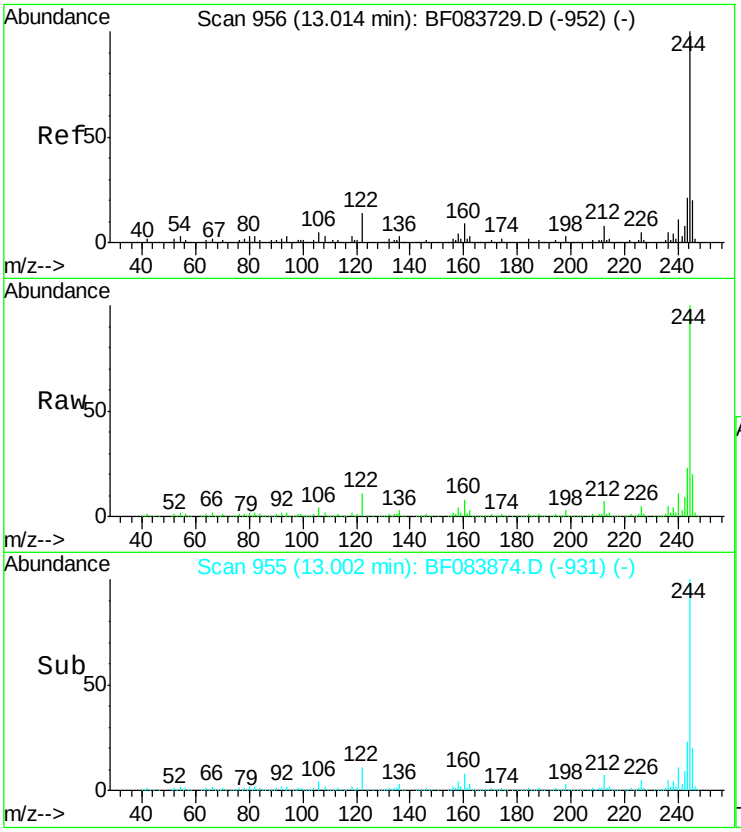


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:240 Resp: 220955

Ion	Ratio	Lower	Upper
240	100		
120	16.2	8.1	12.1#
236	25.4	20.8	31.2



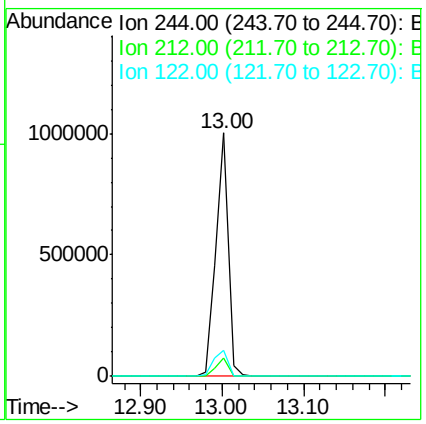


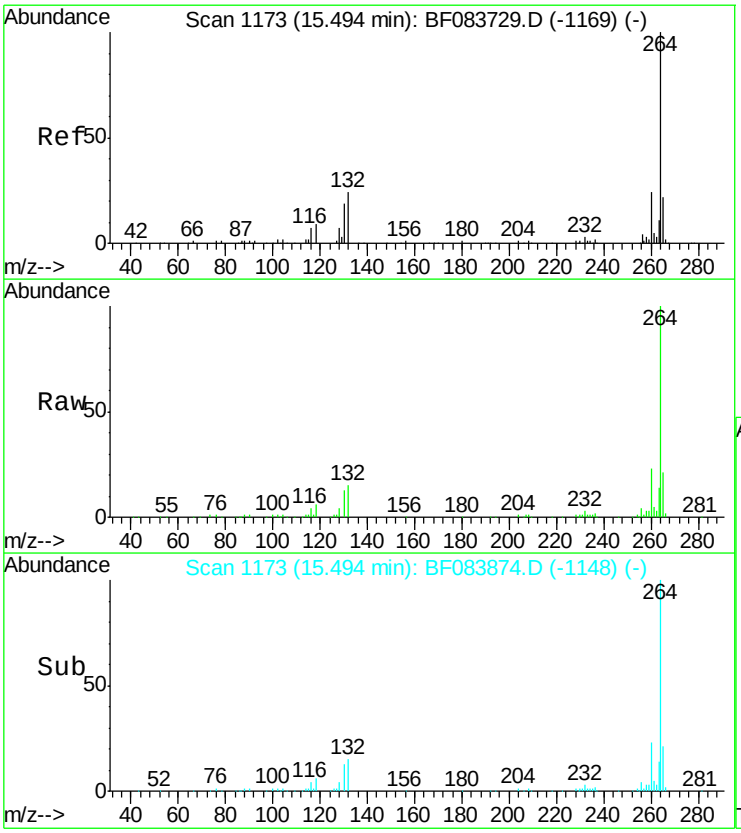
#78
Terphenyl-d14
Concen: 102.35 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:244 Resp: 1051320

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.9	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083874.D
Acq: 17 Dec 2015 8:12

Tgt Ion:264 Resp: 184452

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.2	17.8	26.6