Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083799.D
Acq On : 15 Dec 2015 5:26
Operator : UM/IZ
Sample : G4779-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-37

Quant Time: Dec 15 06:36:46 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	6.90	152	104785	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	392346	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	198939	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	358921	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	298501	20.00	ng	-0.03
86) Perylene-d12	15.48	264	233417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	336842	51.86	ng	-0.02
7) Phenol-d6	6.52	99	302114	36.73	ng	-0.02
23) Nitrobenzene-d5	7.46	82	533659	76.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	279229	137.74	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1101820	79.59	ng	-0.02
78) Terphenyl-d14	13.00	244	990230	71.36	ng	-0.02
Target Compounds						Qvalue

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

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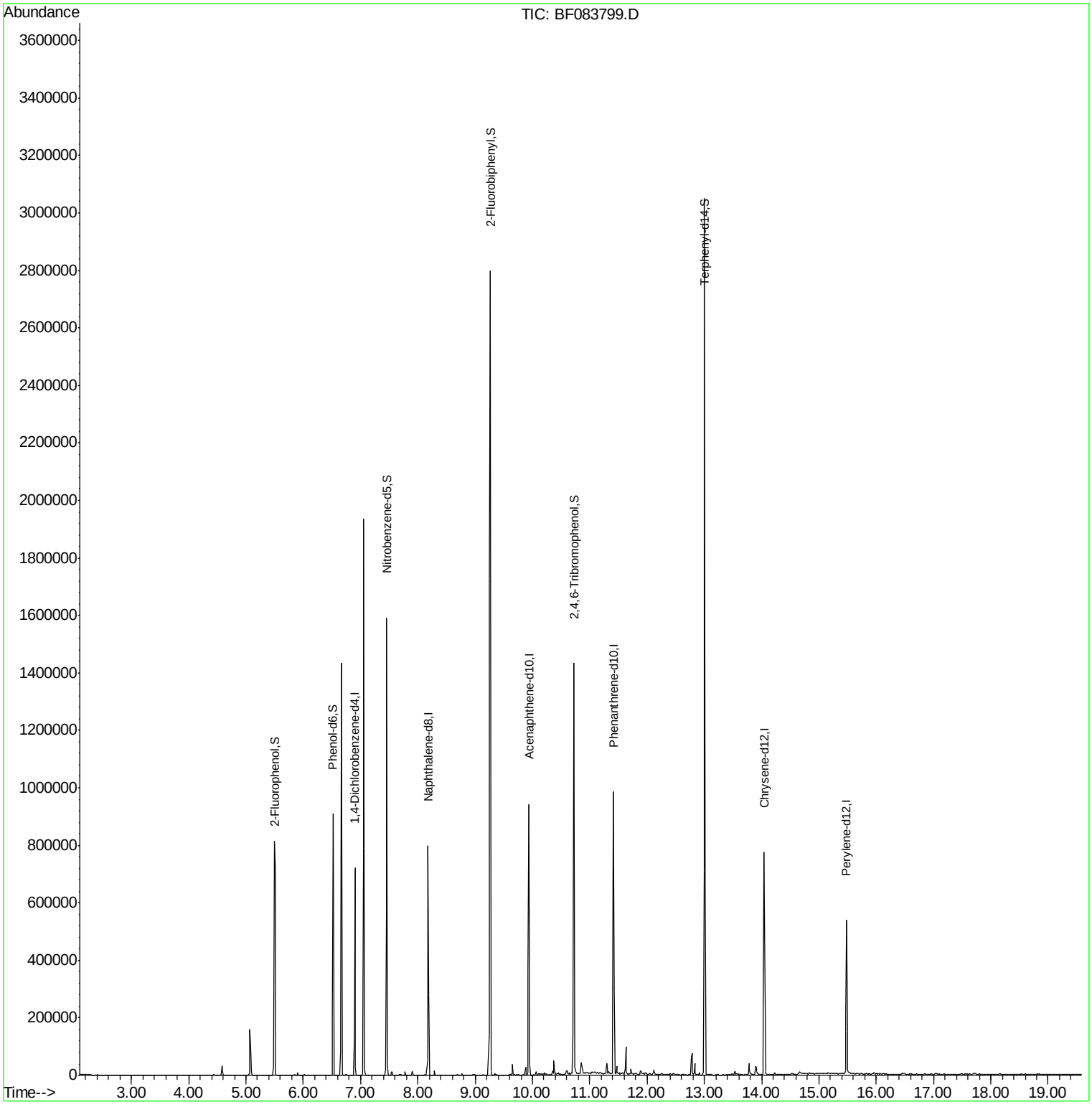
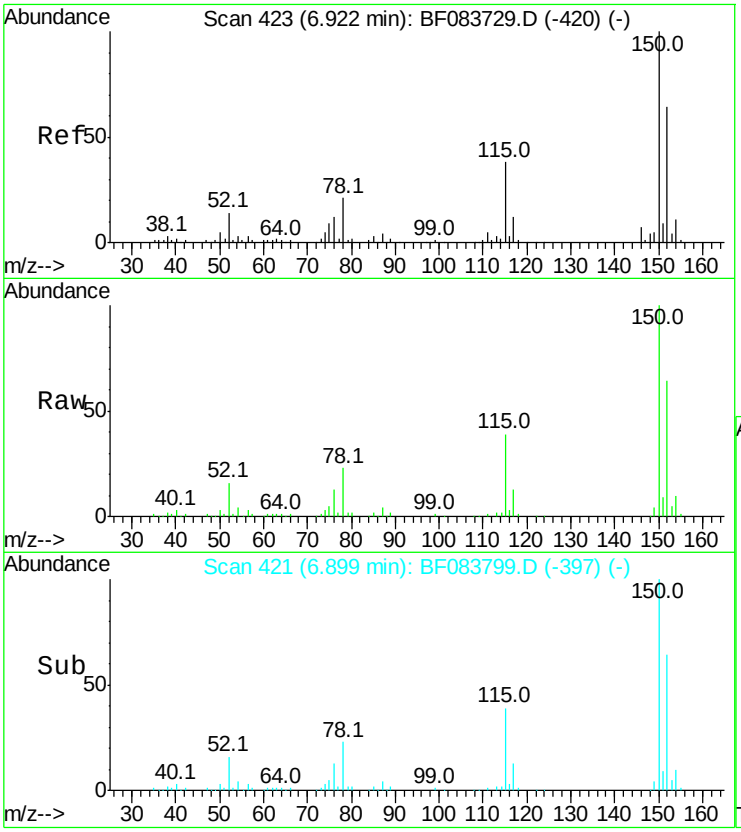


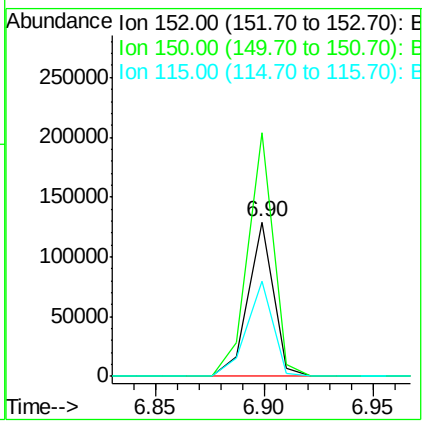


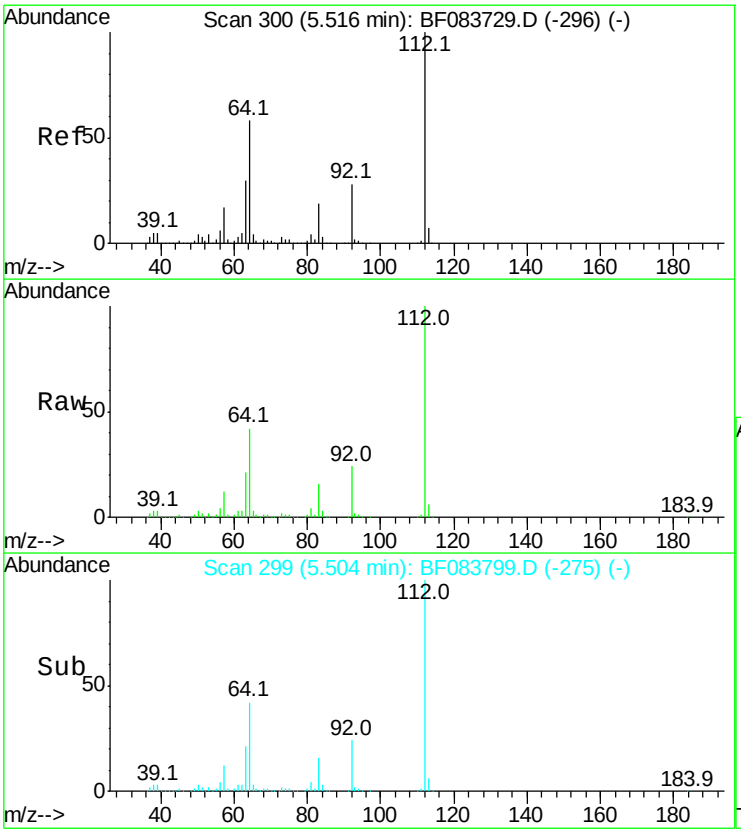
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:152 Resp: 104785

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.5	189.7
115	61.9	52.3	78.5

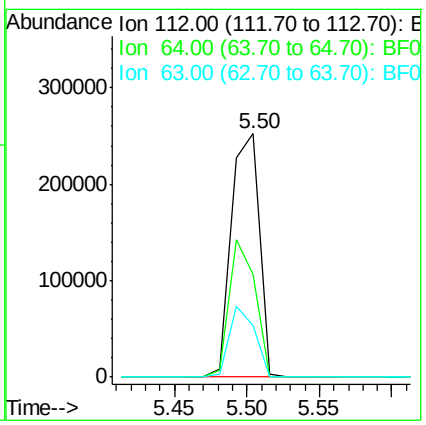


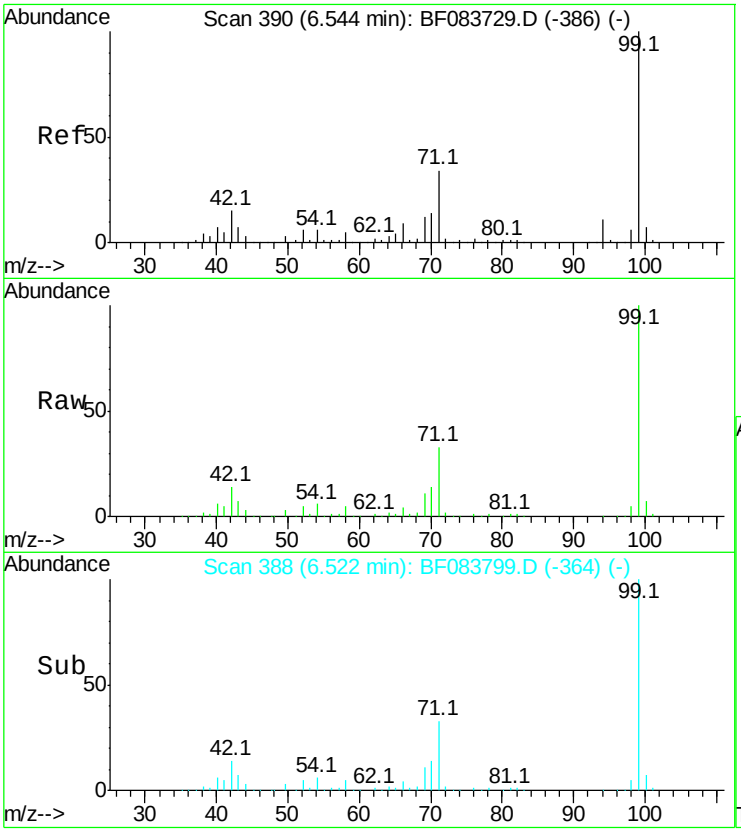


#5
2-Fluorophenol
Concen: 51.86 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:112 Resp: 336842

Ion	Ratio	Lower	Upper
112	100		
64	42.5	50.5	75.7#
63	21.3	25.8	38.6#



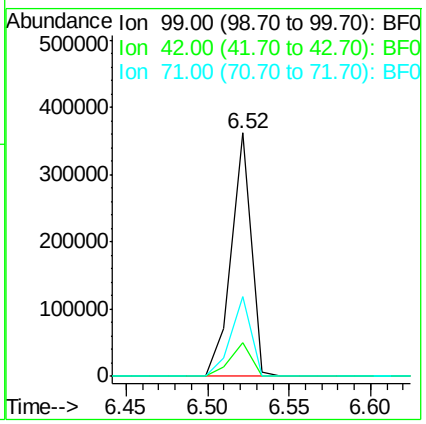


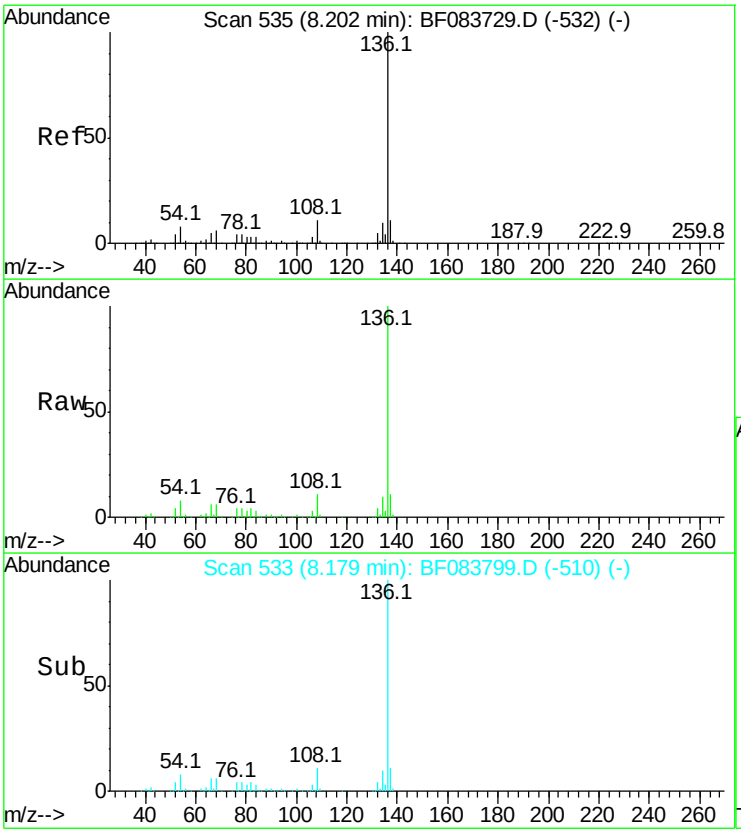
#7
Phenol-d6
Concen: 36.73 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 99 Resp: 302114

Ion	Ratio	Lower	Upper
99	100		
42	13.7	17.3	25.9#
71	33.0	26.6	40.0

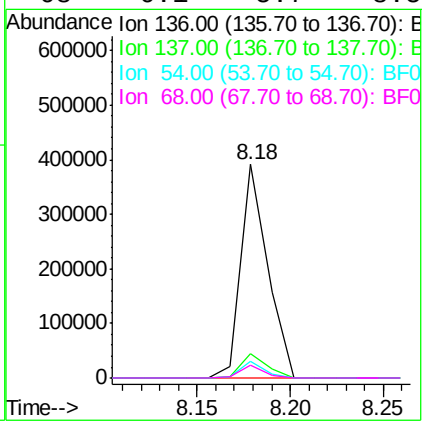


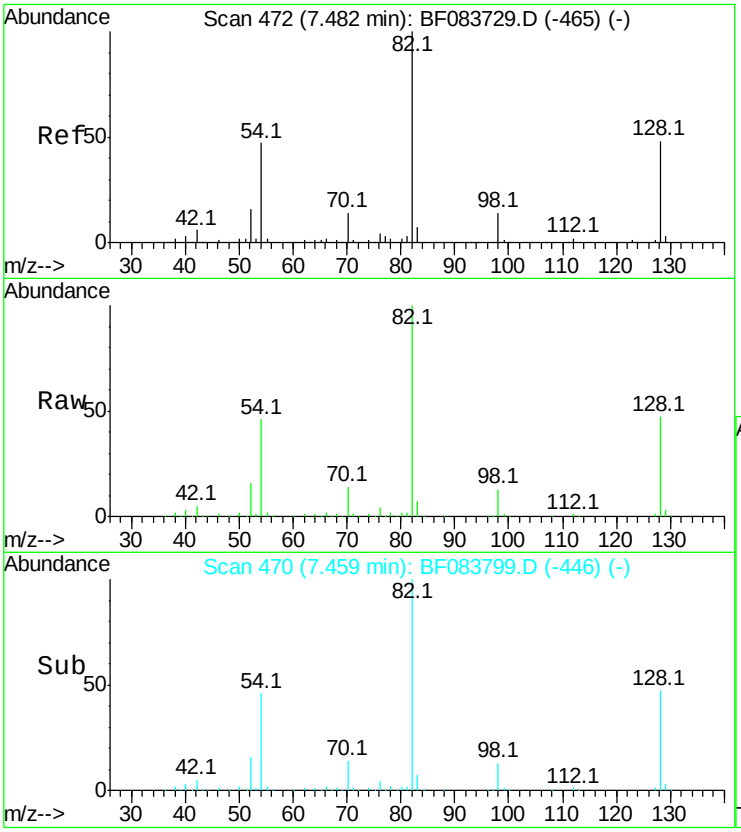


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:136 Resp: 392346

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	7.8	11.6
68	6.1	5.7	8.5



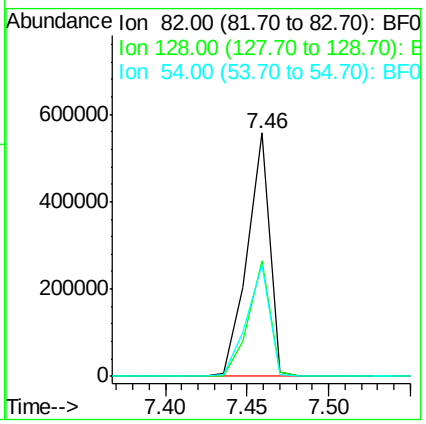


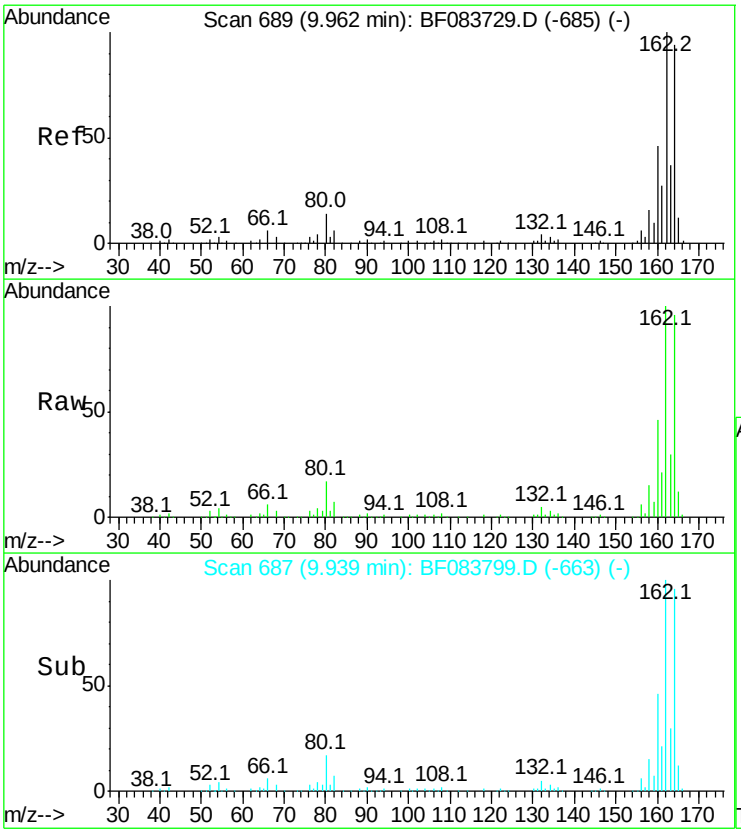
#23
Nitrobenzene-d5
Concen: 76.10 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion: 82 Resp: 533659

Ion	Ratio	Lower	Upper
82	100		
128	47.3	30.7	46.1#
54	45.9	42.5	63.7

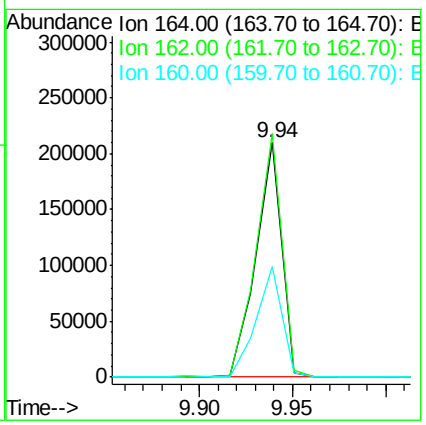


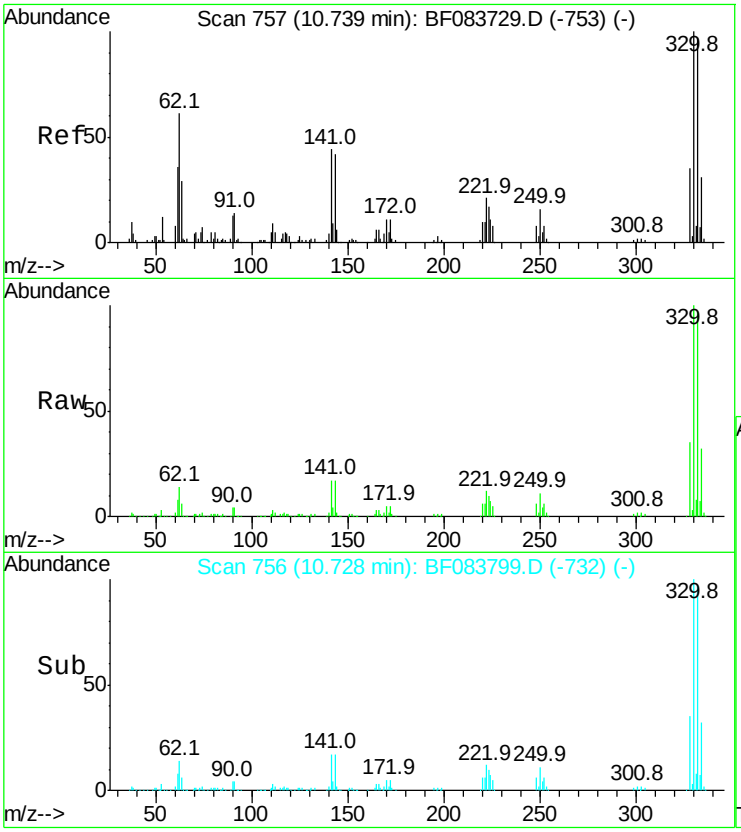


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:164 Resp: 198939

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	47.4	33.4	50.2



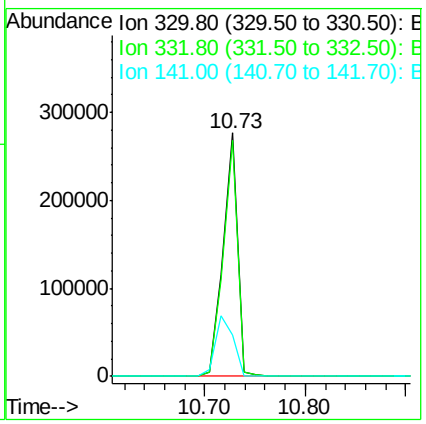


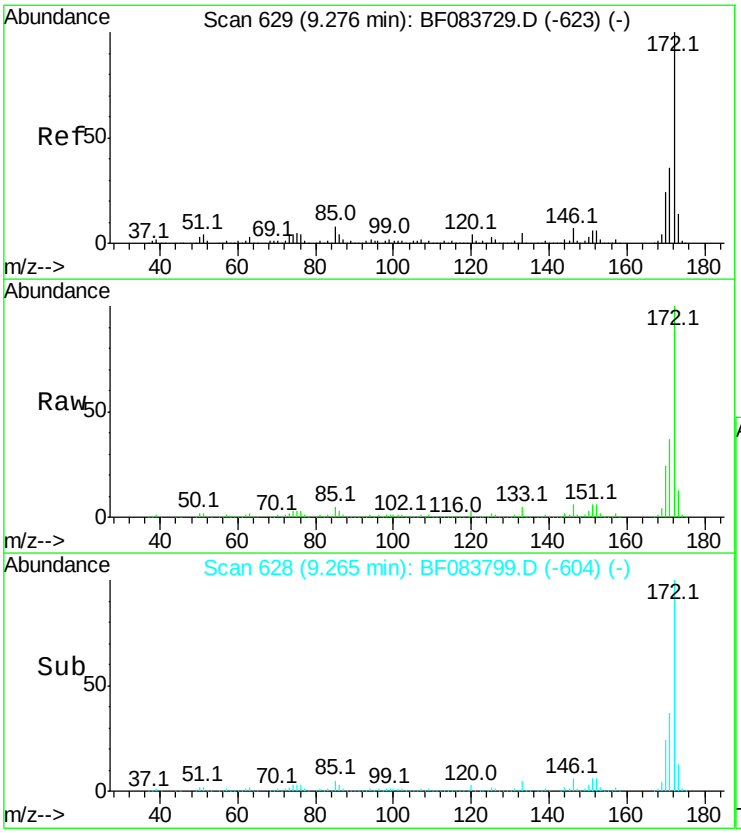
#41
2,4,6-Tribromophenol
Concen: 137.74 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:330 Resp: 279229

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	30.7	0.0	0.0#

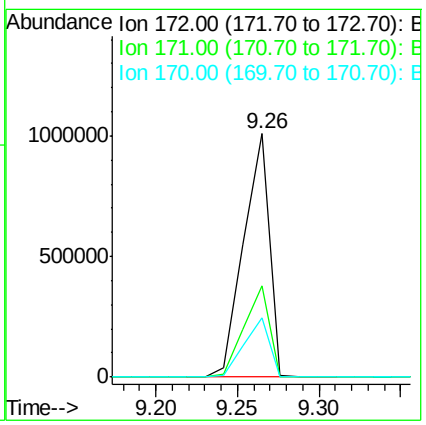


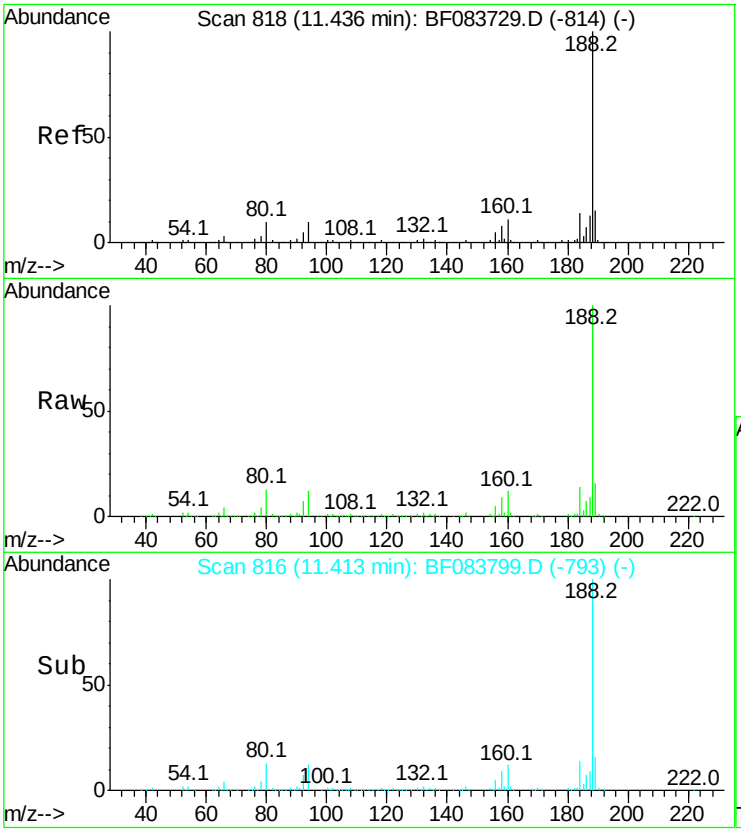


#44
2-Fluorobiphenyl
Concen: 79.59 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:172 Resp: 1101820

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.4	19.4	29.0



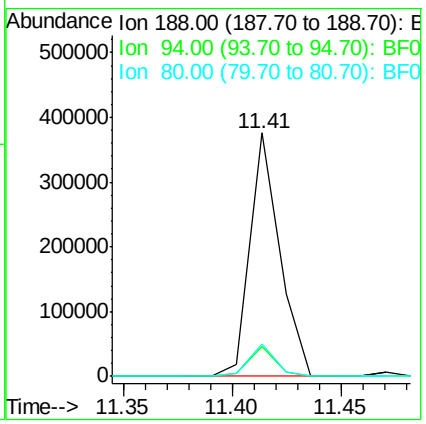


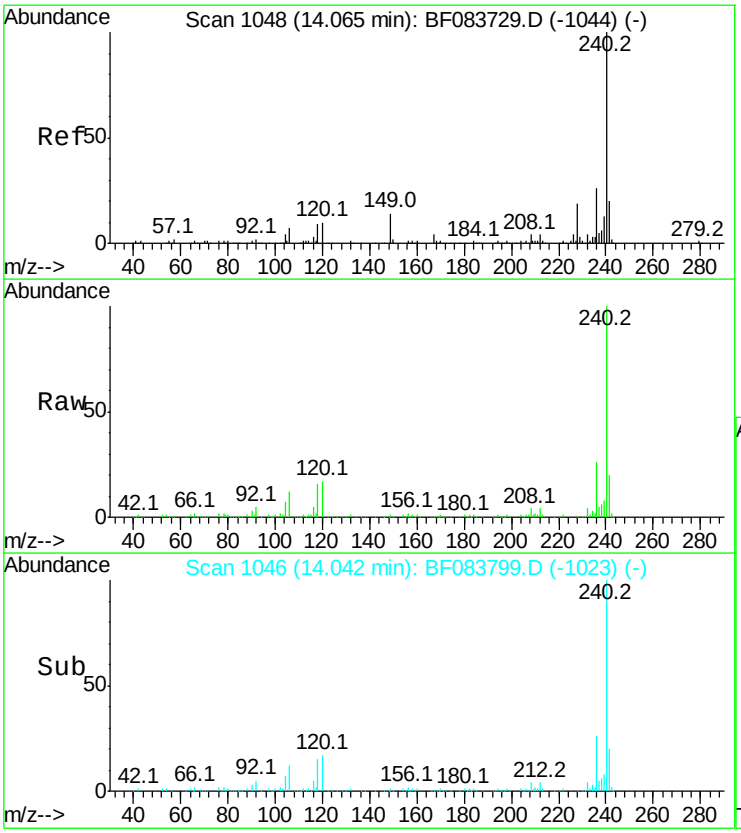
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:188 Resp: 358921

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.3	10.6	16.0

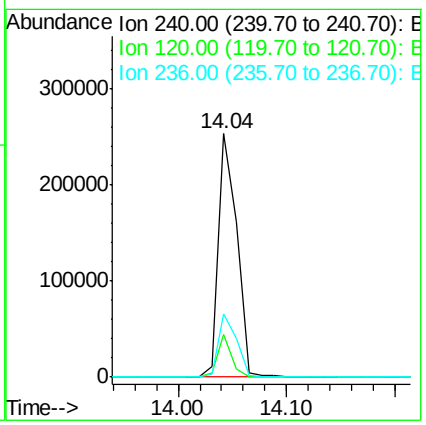


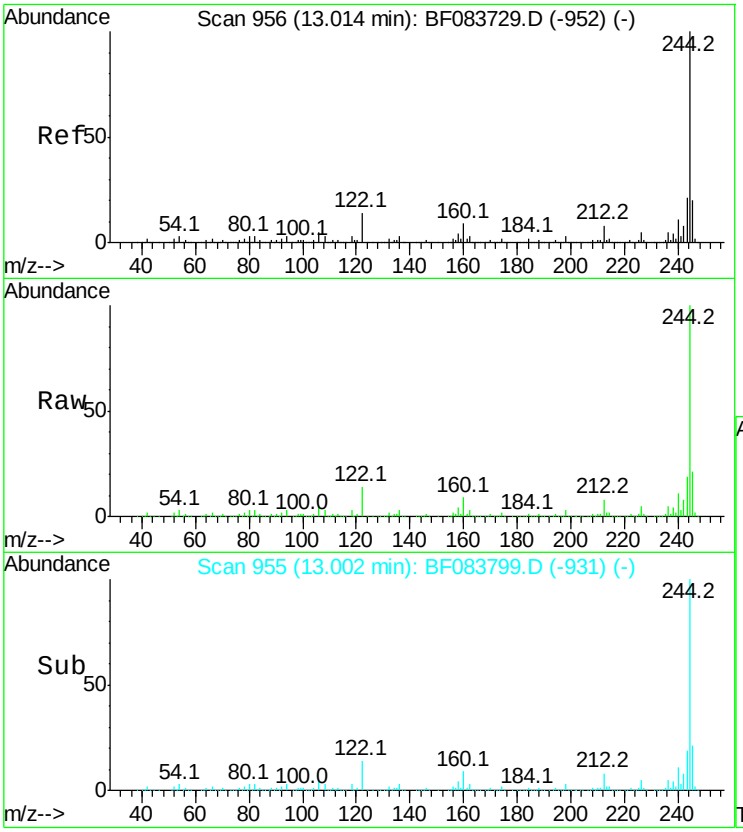


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:240 Resp: 298501

Ion	Ratio	Lower	Upper
240	100		
120	17.4	8.1	12.1#
236	26.2	20.8	31.2



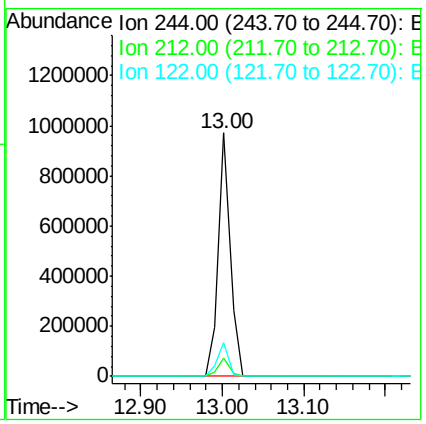


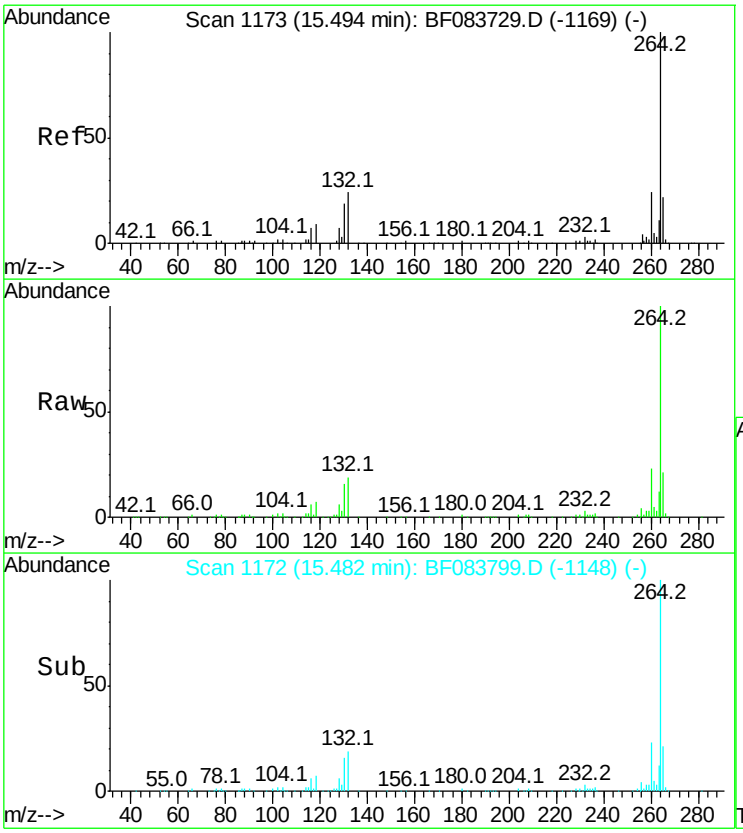
#78
Terphenyl-d14
Concen: 71.36 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion:244 Resp: 990230

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	13.8	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:264 Resp: 233417

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.4	17.8	26.6