Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Time: Dec 15 06:22:37 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	114516	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	425983	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	222662	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	387920	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	342469	20.00	ng	-0.03
86) Perylene-d12	15.48	264	272690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	442659	62.36	ng	-0.02
7) Phenol-d6	6.52	99	348728	38.79	ng	-0.02
23) Nitrobenzene-d5	7.46	82	609032	79.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	314931	138.80	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1263182	82.32	ng	-0.02
78) Terphenyl-d14	13.00	244	1250119	78.52	ng	-0.02
Target Compounds						Qvalue

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

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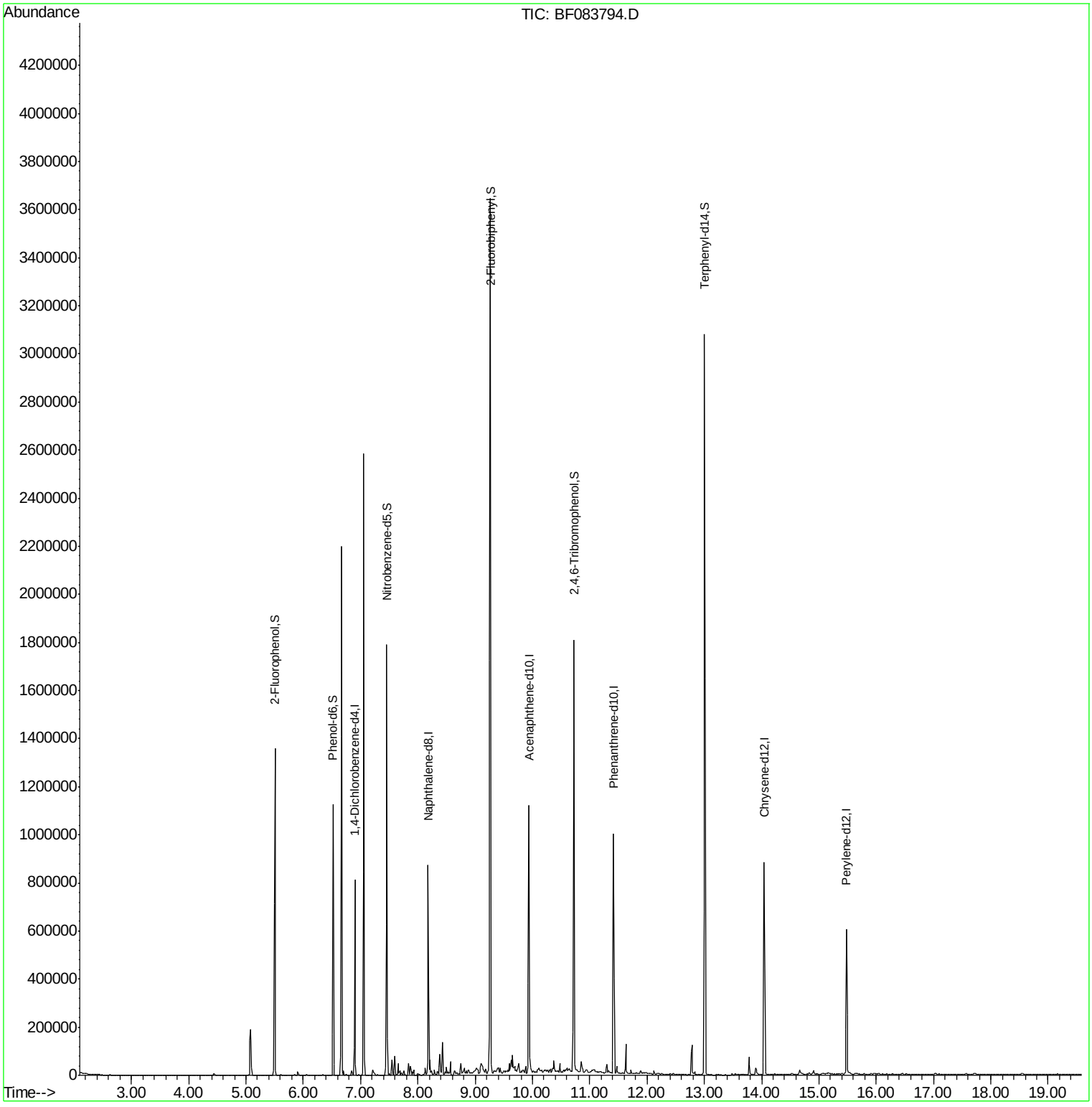
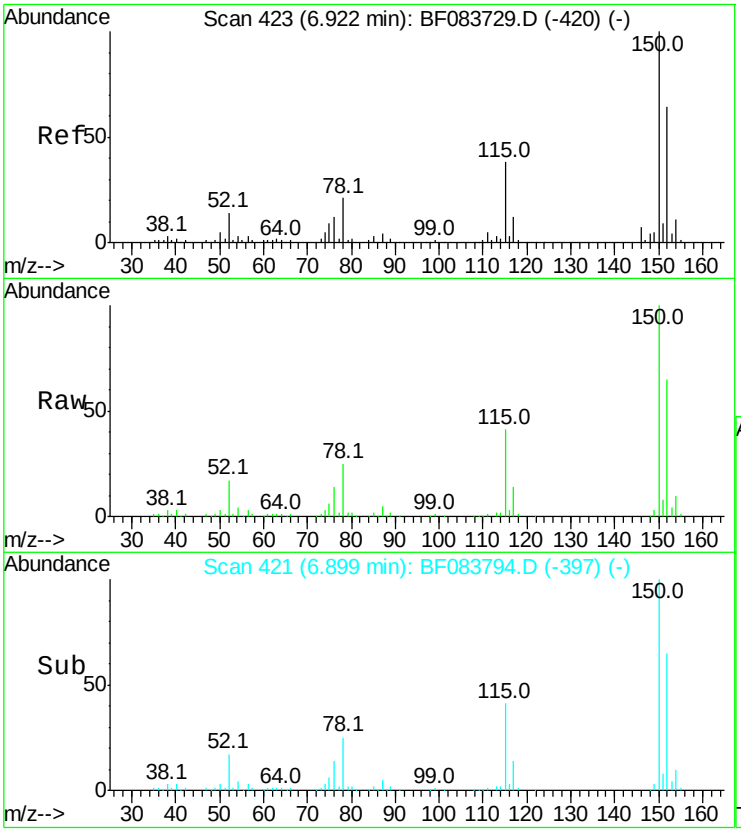


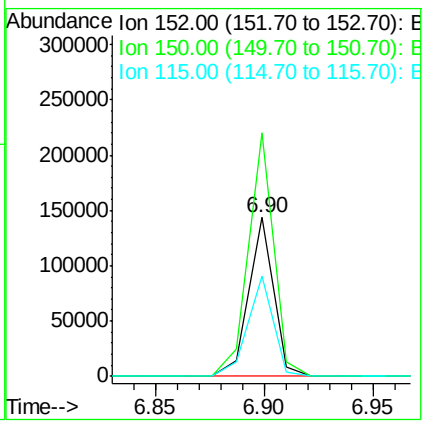


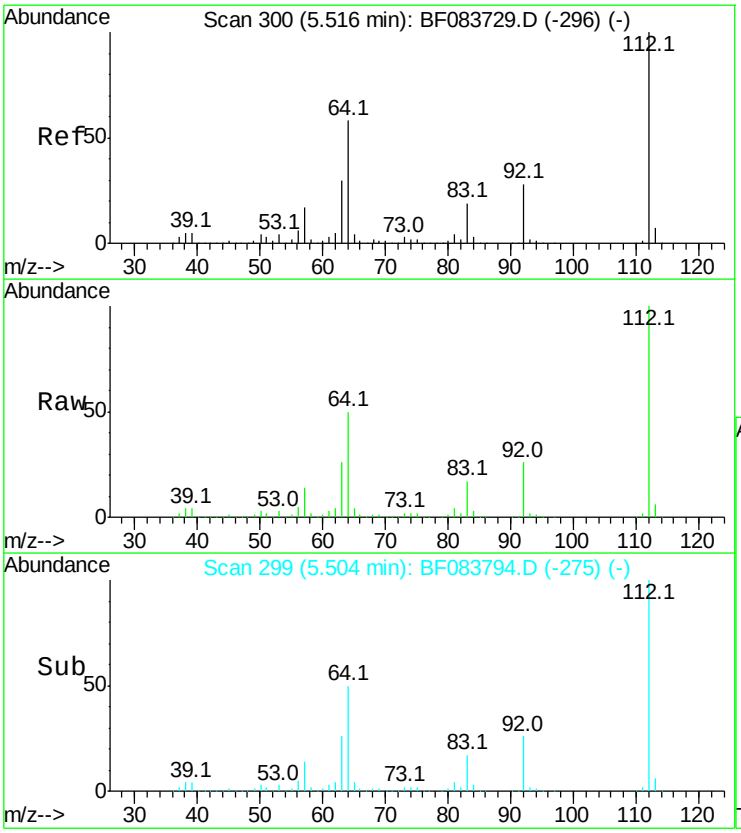
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion:152 Resp: 114516

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.5	189.7
115	63.0	52.3	78.5

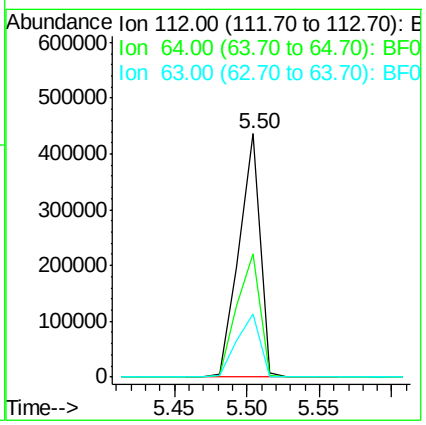


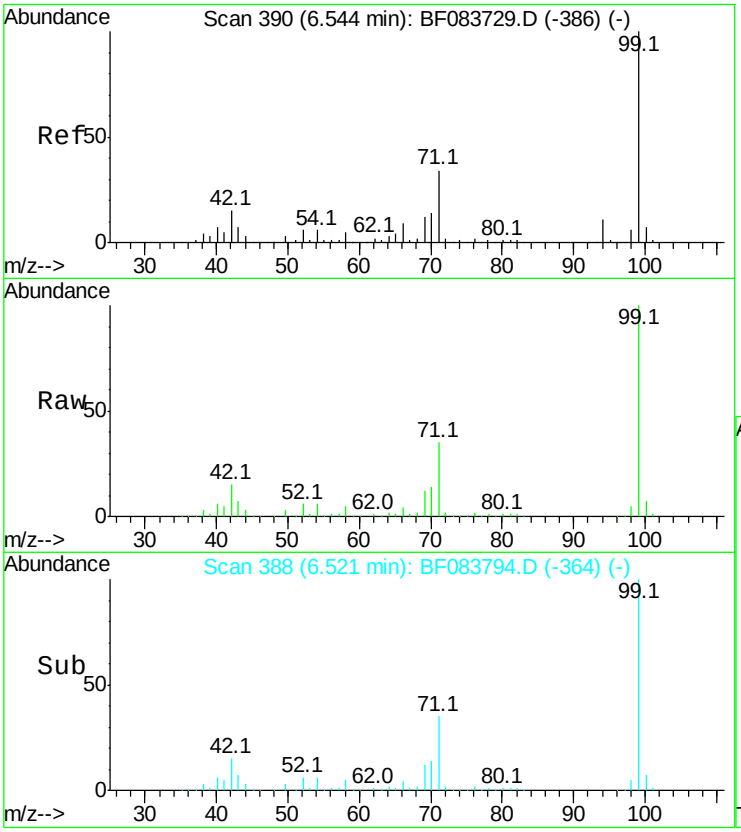


#5
2-Fluorophenol
Concen: 62.36 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:112 Resp: 442659

Ion	Ratio	Lower	Upper
112	100		
64	50.5	50.5	75.7#
63	26.1	25.8	38.6



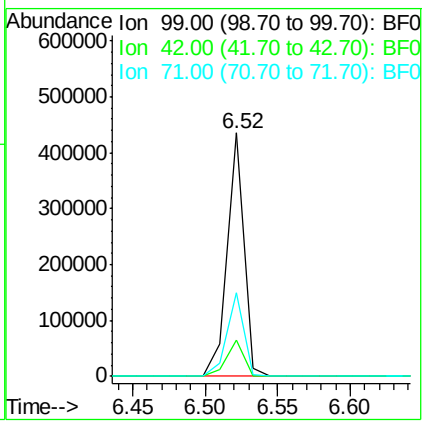


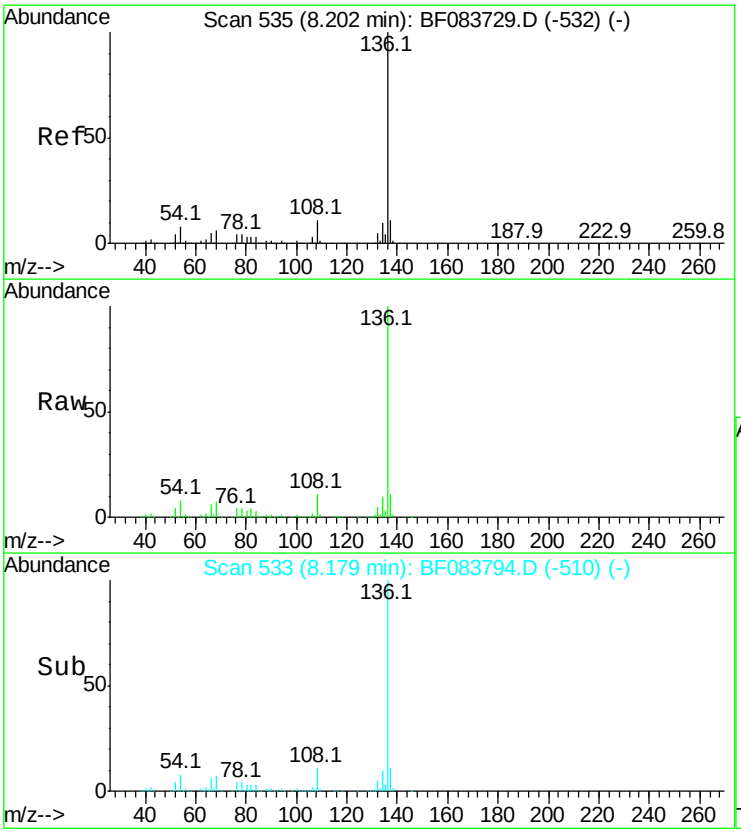
#7
Phenol-d6
Concen: 38.79 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion: 99 Resp: 348728

Ion	Ratio	Lower	Upper
99	100		
42	15.1	17.3	25.9#
71	34.5	26.6	40.0

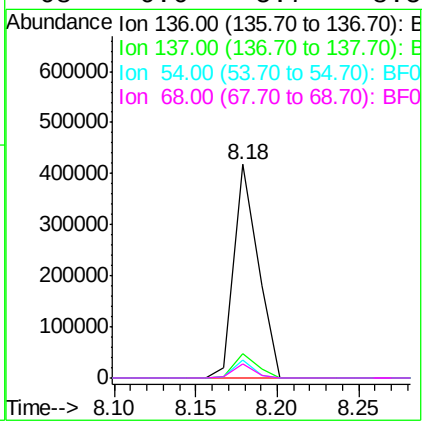


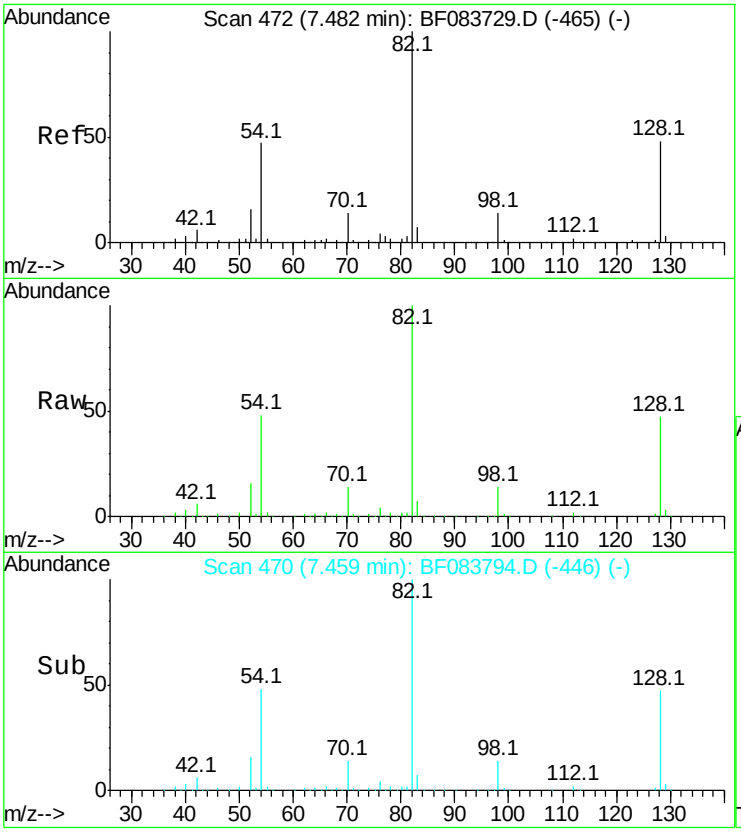


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:136 Resp: 425983

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.4	7.8	11.6
68	6.6	5.7	8.5



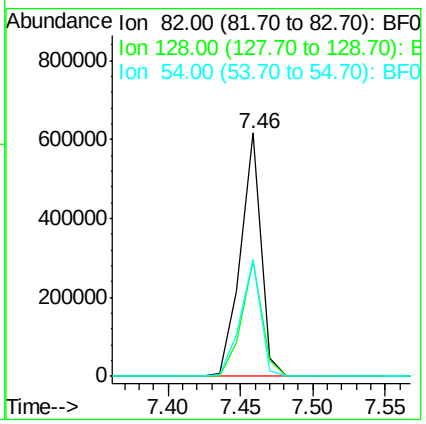


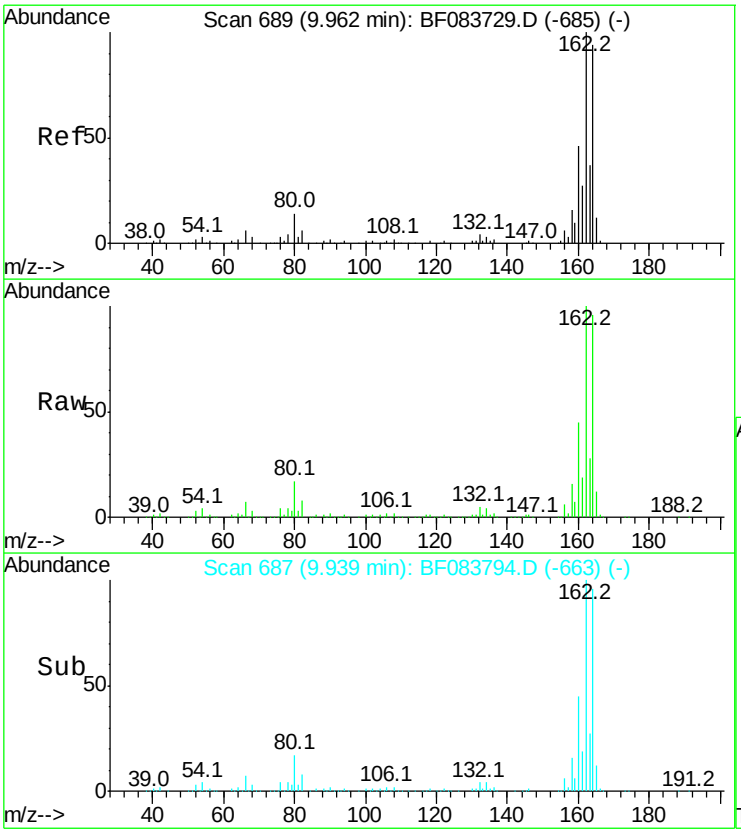
#23
Nitrobenzene-d5
Concen: 79.99 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion: 82 Resp: 609032

Ion	Ratio	Lower	Upper
82	100		
128	47.3	30.7	46.1#
54	47.9	42.5	63.7

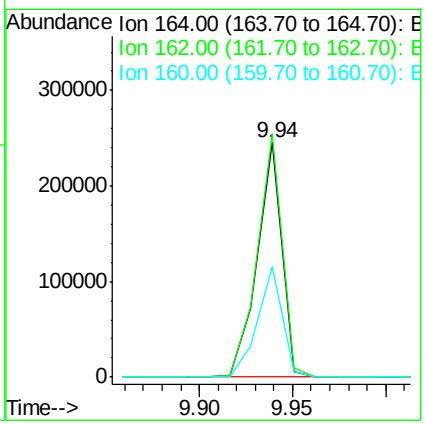


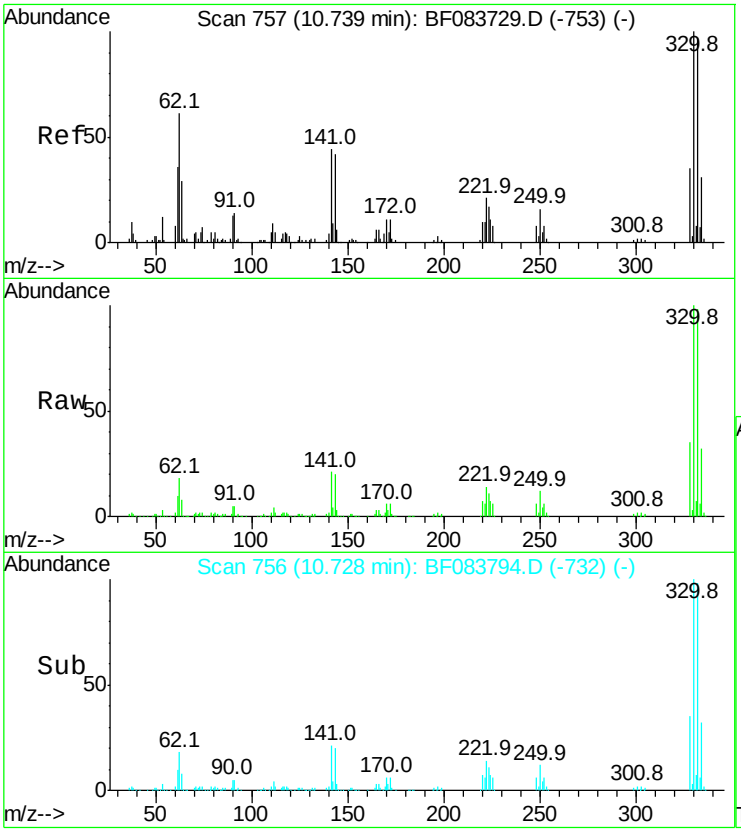


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:164 Resp: 222662

Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	47.3	33.4	50.2



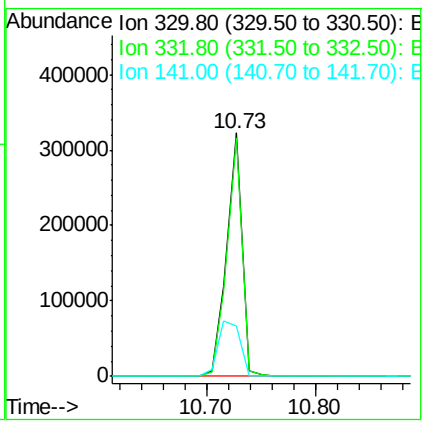


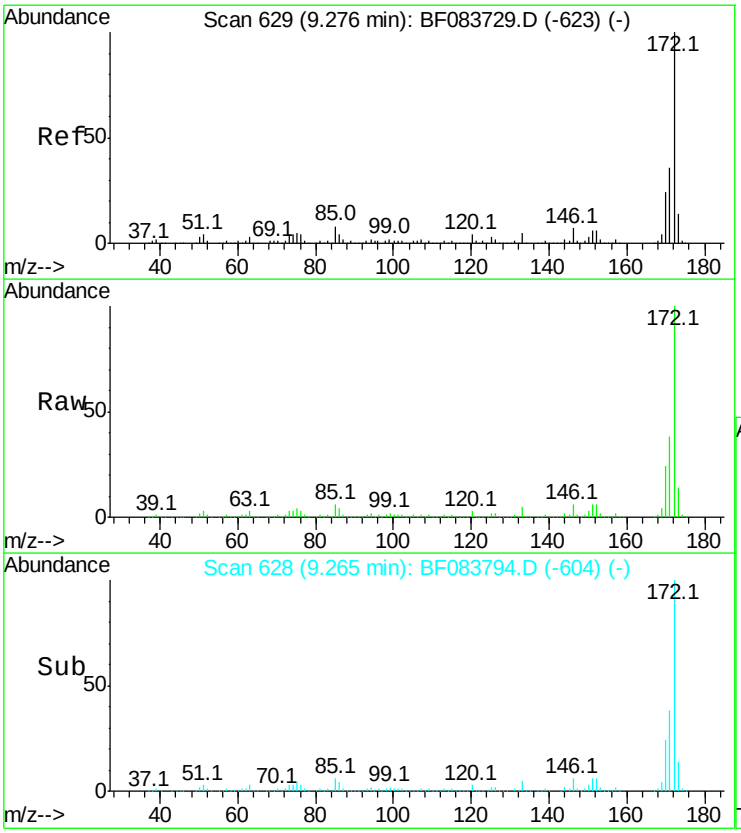
#41
2,4,6-Tribromophenol
Concen: 138.80 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion:330 Resp: 314931

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	33.7	0.0	0.0#

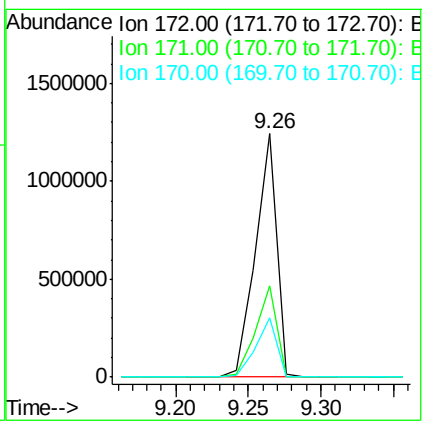


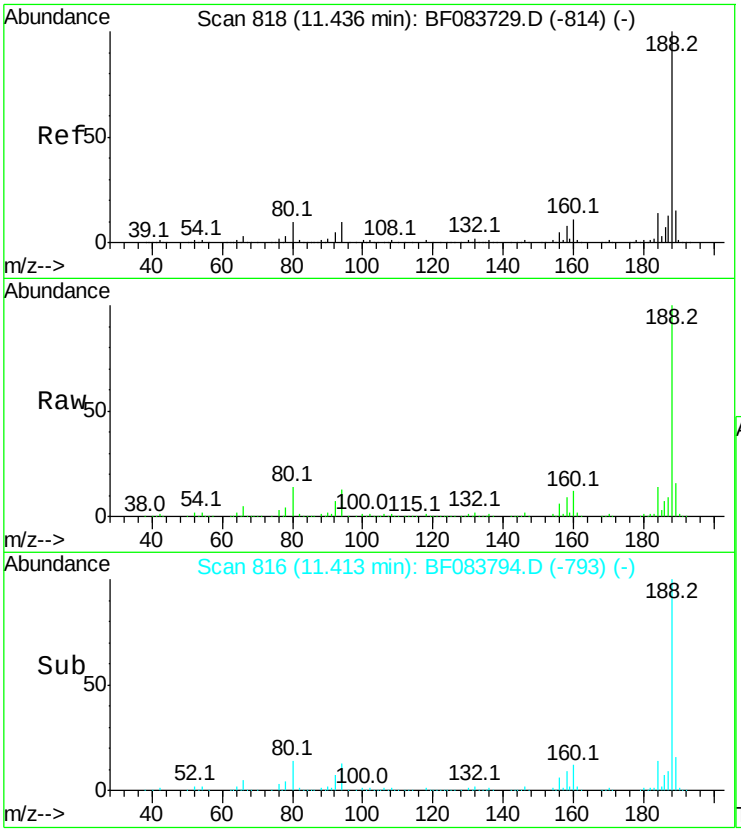


#44
2-Fluorobiphenyl
Concen: 82.32 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:172 Resp: 1263182

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.4	19.4	29.0



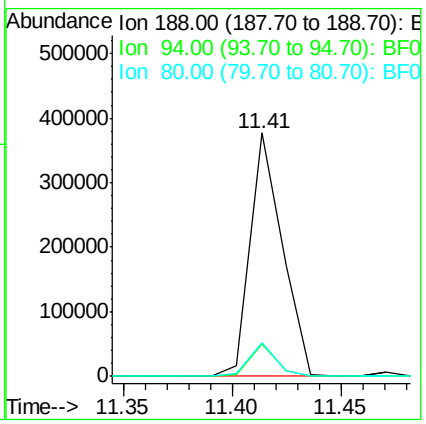


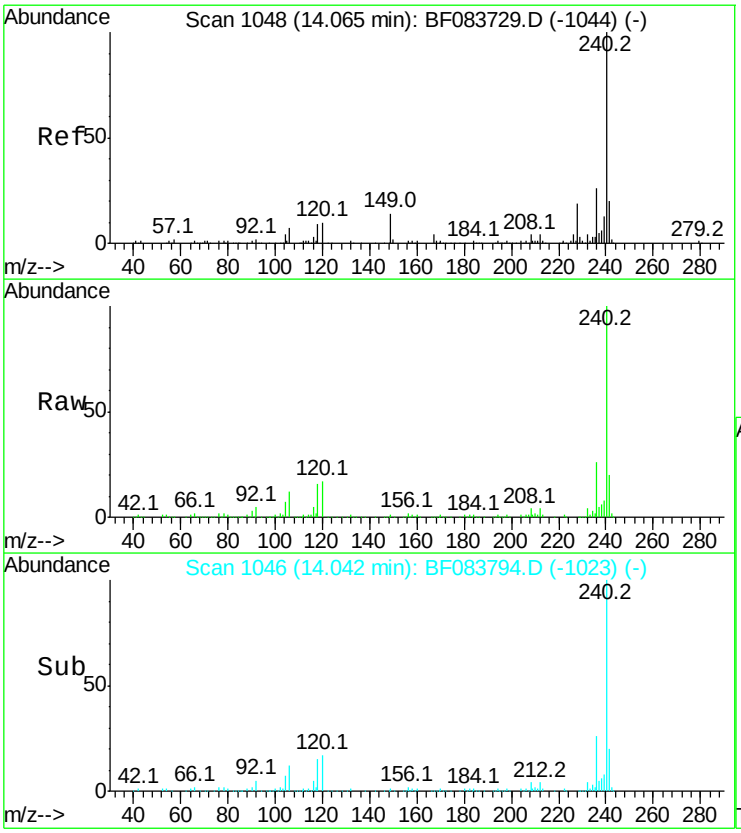
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion:188 Resp: 387920

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.2
80	13.8	10.6	16.0

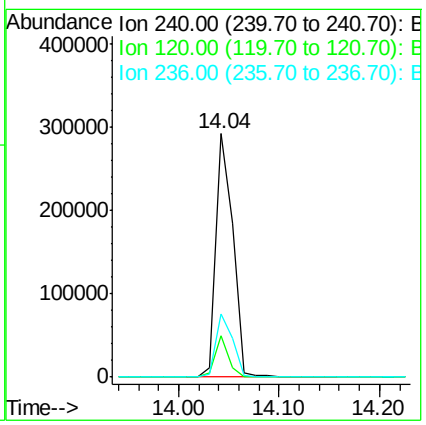


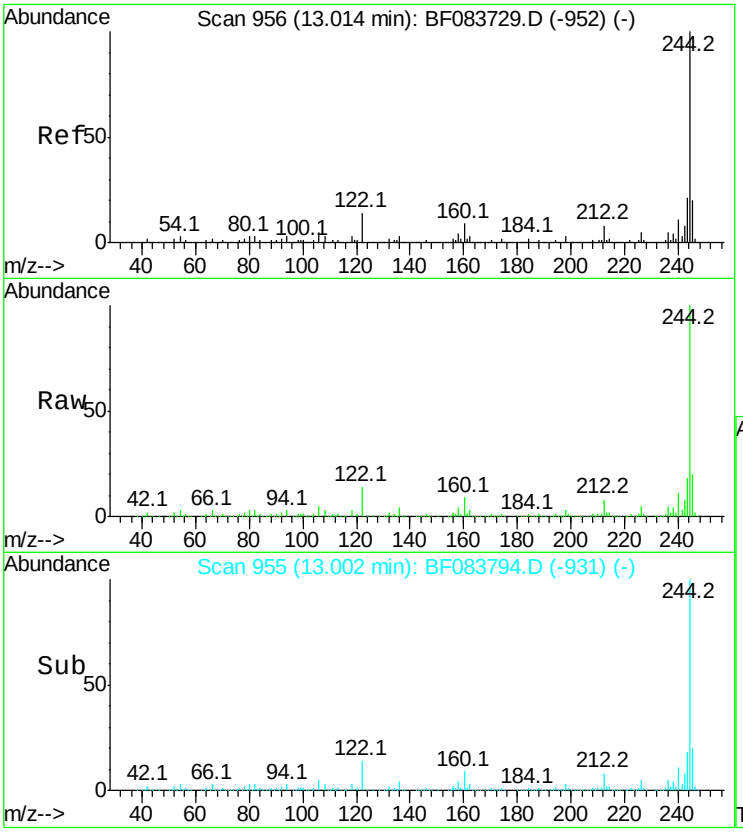


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:240 Resp: 342469

Ion	Ratio	Lower	Upper
240	100		
120	17.3	8.1	12.1#
236	25.9	20.8	31.2



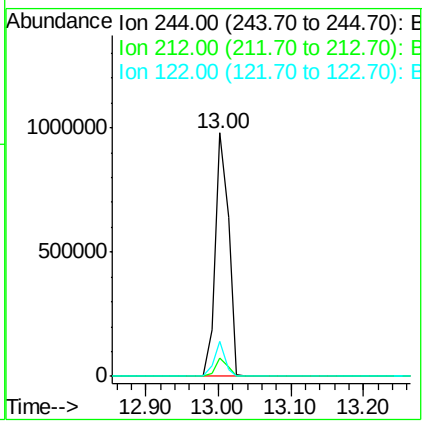


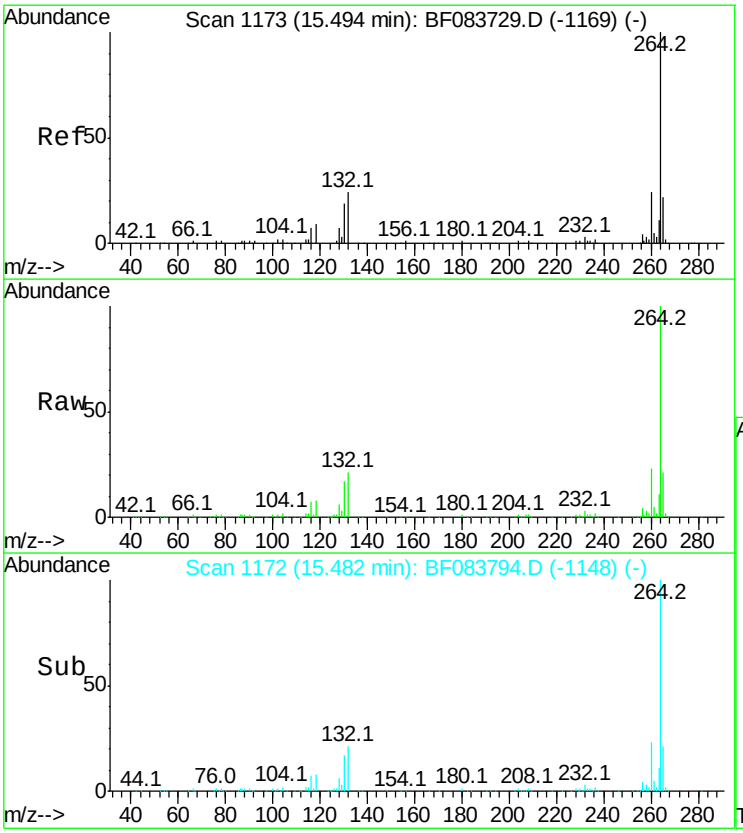
#78
Terphenyl-d14
Concen: 78.52 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083794.D
Acq: 15 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
PW-04

Tgt Ion:244 Resp: 1250119

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.2	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: BF083794.D
Acq: 15 Dec 2015 3:04

Tgt Ion:264 Resp: 272690

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	20.9	17.8	26.6