Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083552.D
Acq On : 7 Dec 2015 9:48
Operator : UM/IZ
Sample : G4594-12
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB112515

Quant Time: Dec 07 11:35:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	149565	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	554899	20.00	ng	-0.05
38) Acenaphthene-d10	10.43	164	249826	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	388973	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	321814	20.00	ng	-0.02
86) Perylene-d12	18.66	264	237696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	653470	66.29	ng	-0.02
7) Phenol-d6	5.30	99	549185	40.43	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1212025	102.10	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	273188	118.54	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1844890	100.16	ng	-0.03
78) Terphenyl-d14	15.46	244	1350098	93.35	ng	-0.02
Target Compounds						Qvalue

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

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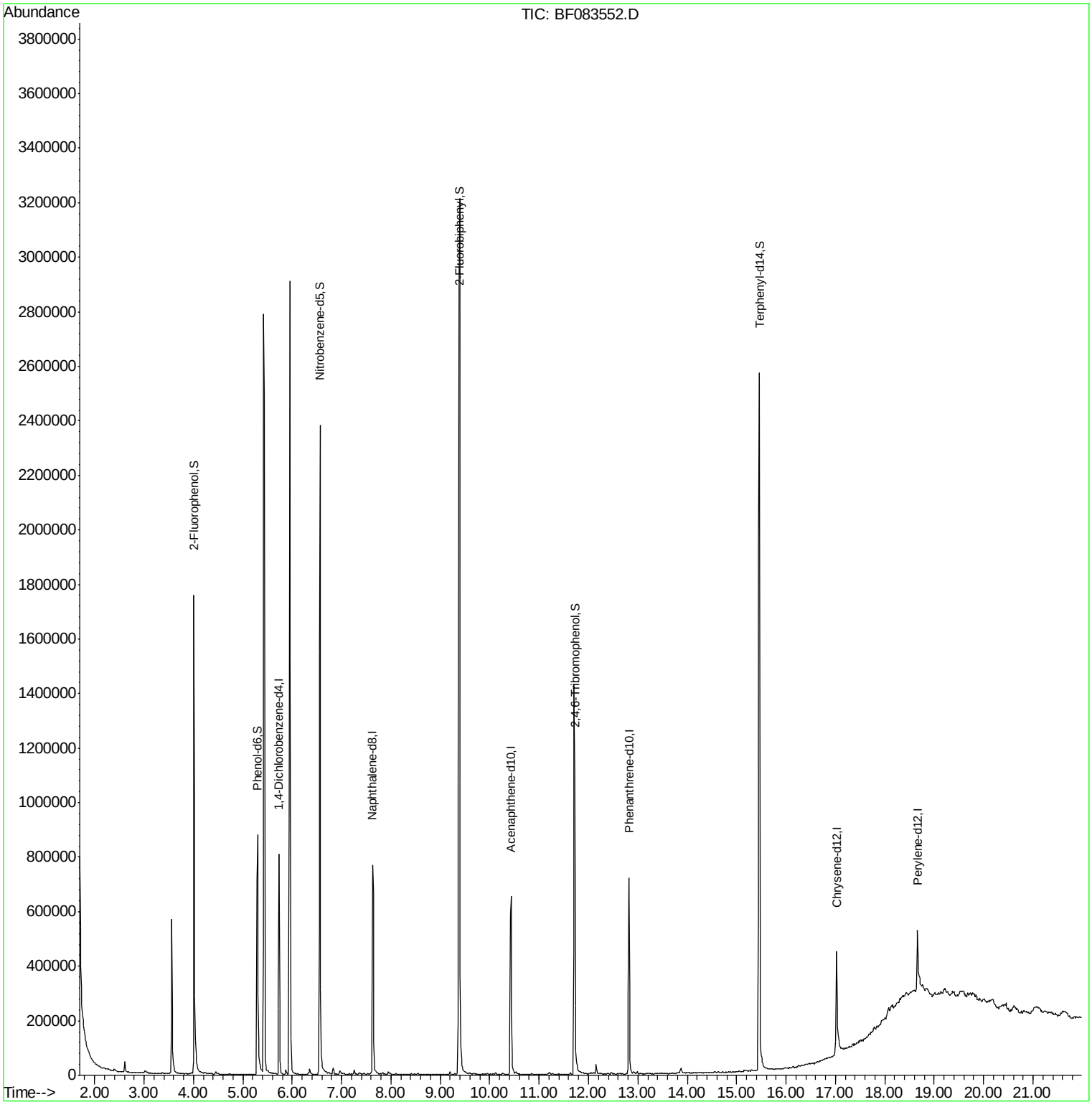
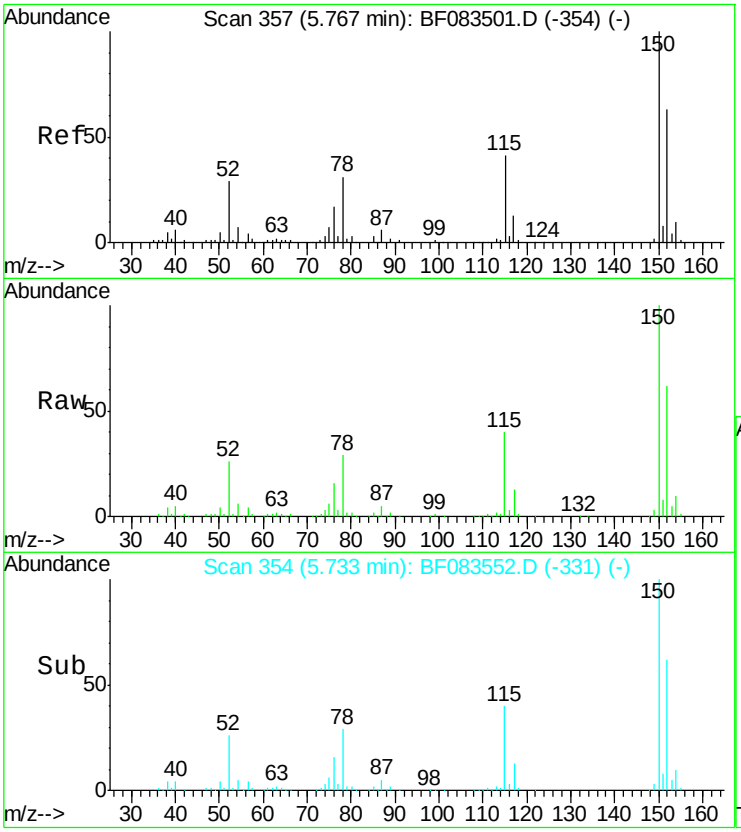


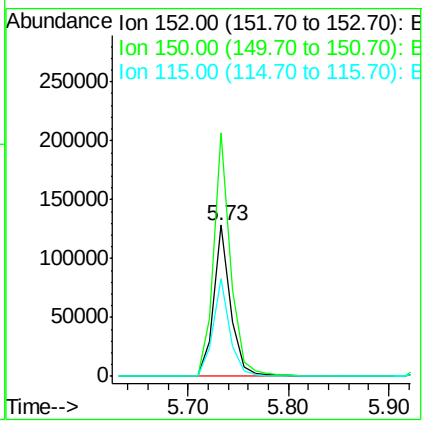


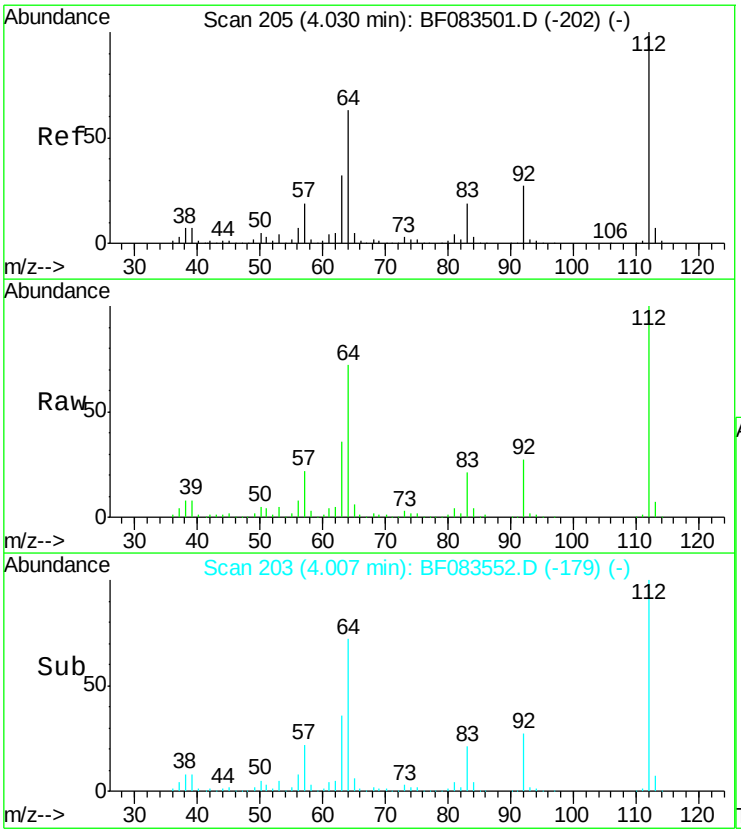
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion:152 Resp: 149565

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.5	189.7
115	65.0	52.3	78.5

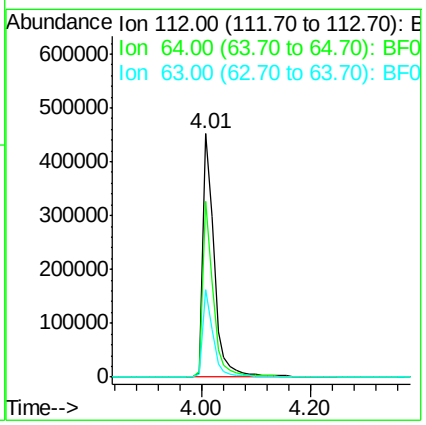


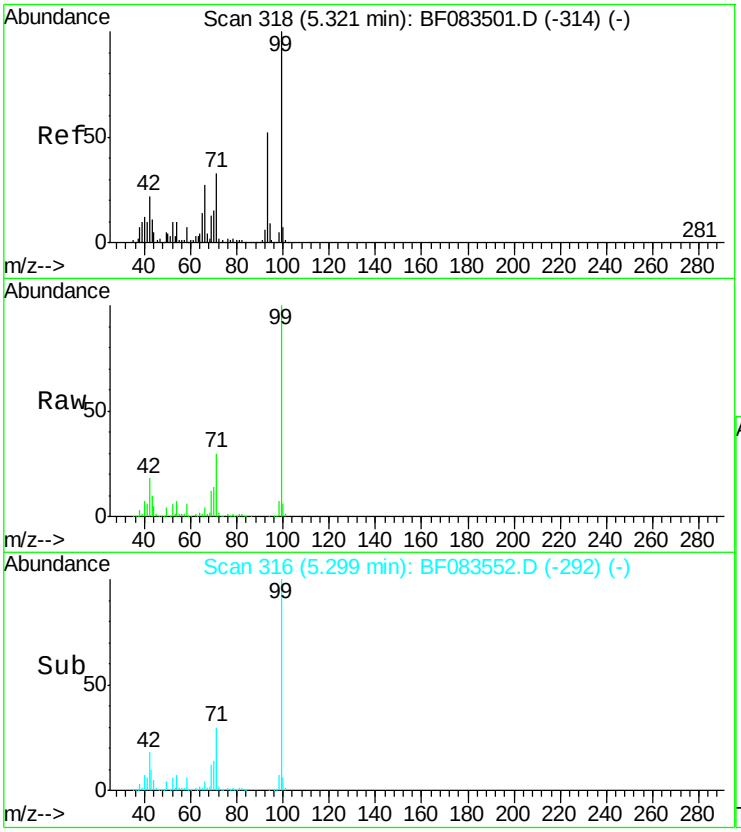


#5
2-Fluorophenol
Concen: 66.29 ng
RT: 4.01 min Scan# 203
Delta R.T. -0.02 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:112 Resp: 653470

Ion	Ratio	Lower	Upper
112	100		
64	72.1	50.5	75.7
63	36.0	25.8	38.6



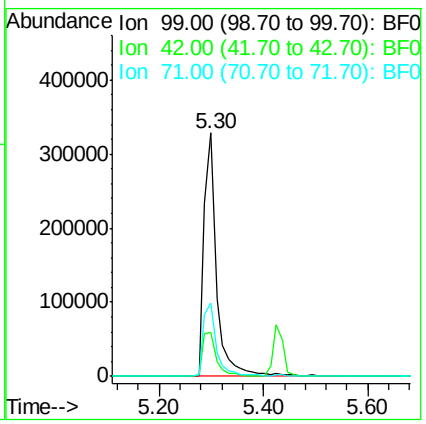


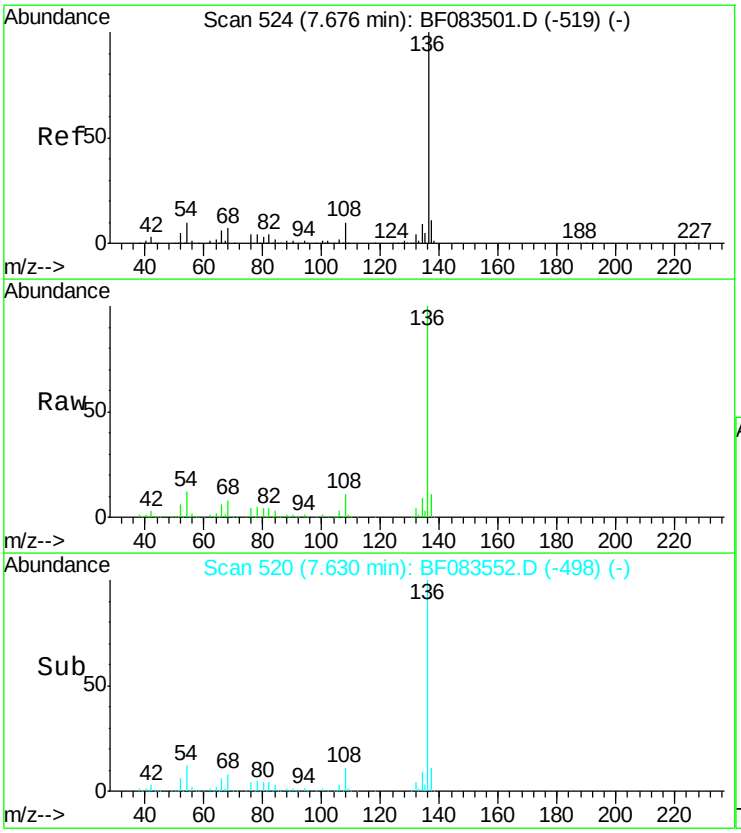
#7
Phenol-d6
Concen: 40.43 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.02 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion: 99 Resp: 549185

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	30.2	26.6	40.0

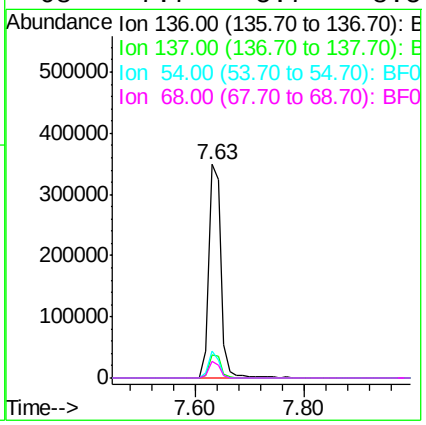


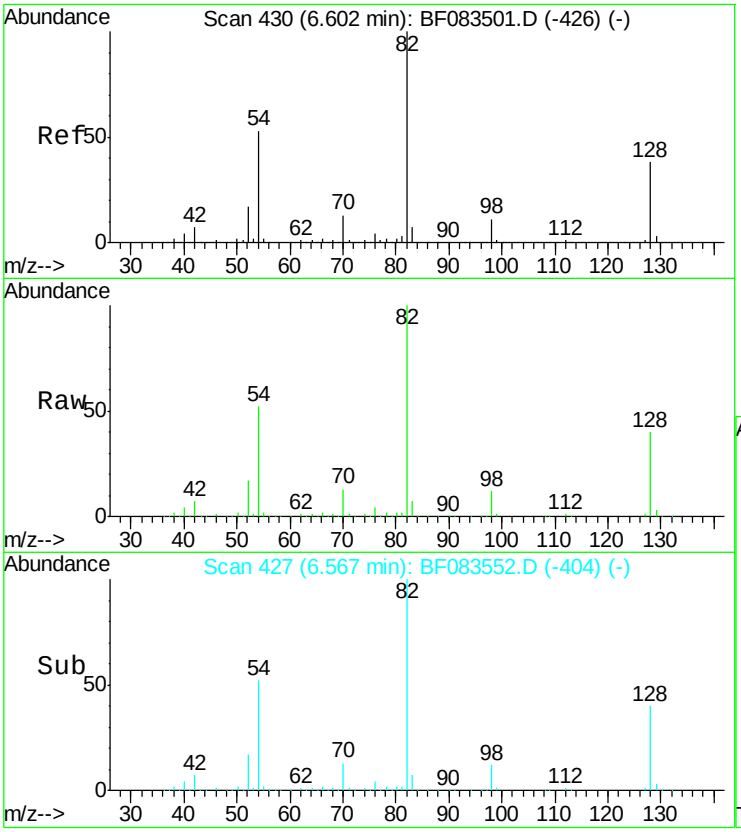


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:136 Resp: 554899

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.3	7.8	11.6#
68	7.7	5.7	8.5



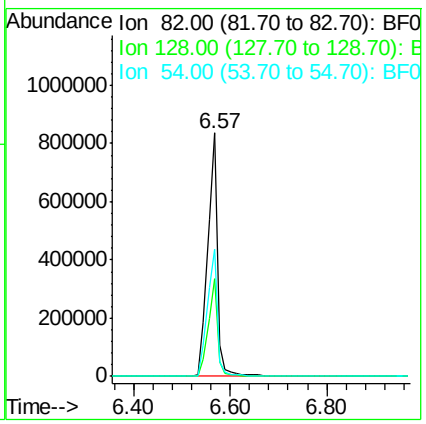


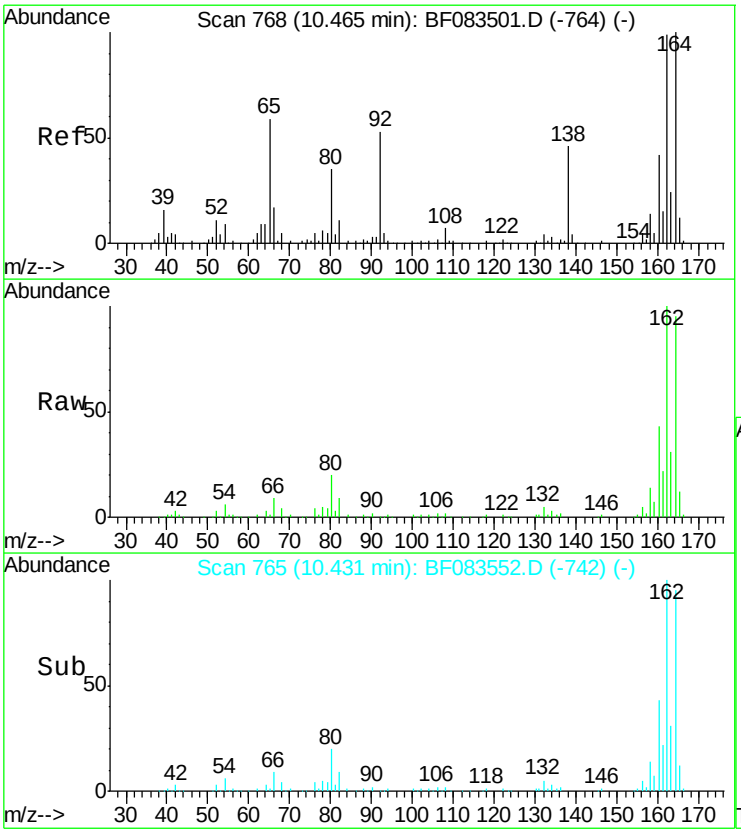
#23
Nitrobenzene-d5
Concen: 102.10 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion: 82 Resp: 1212025

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.7	46.1
54	52.4	42.5	63.7

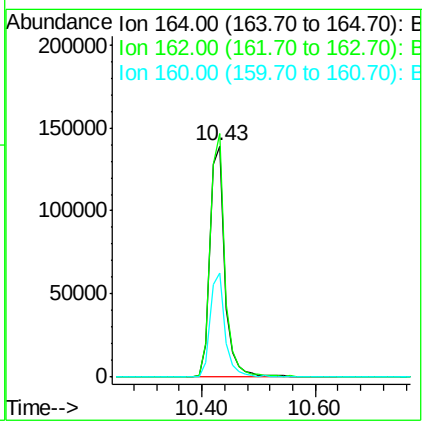


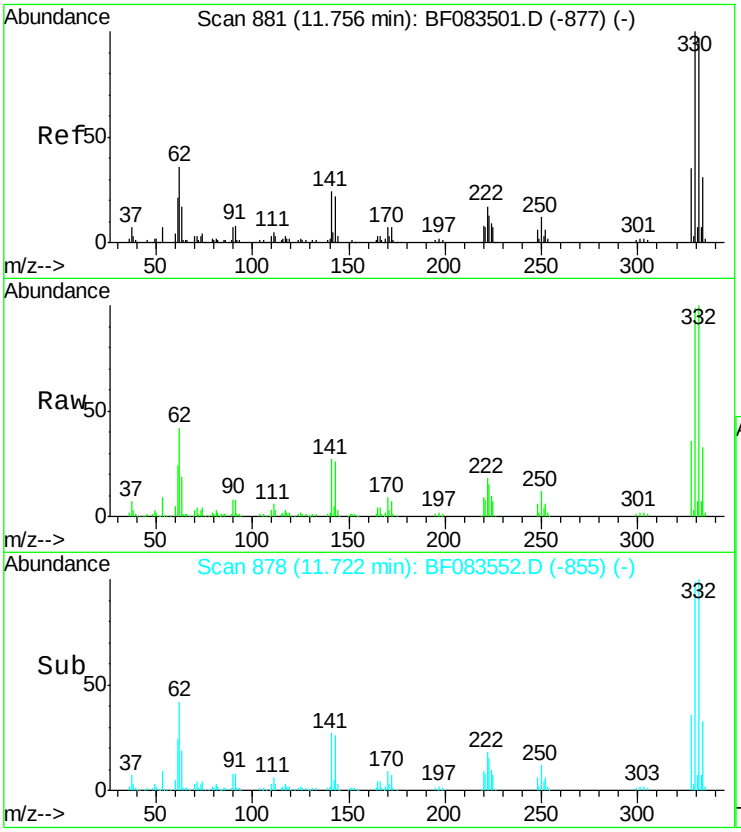


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:164 Resp: 249826

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	45.0	33.4	50.2



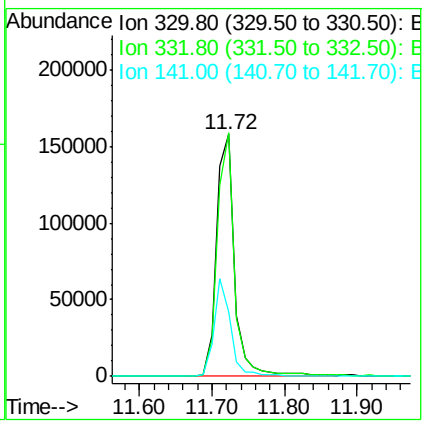


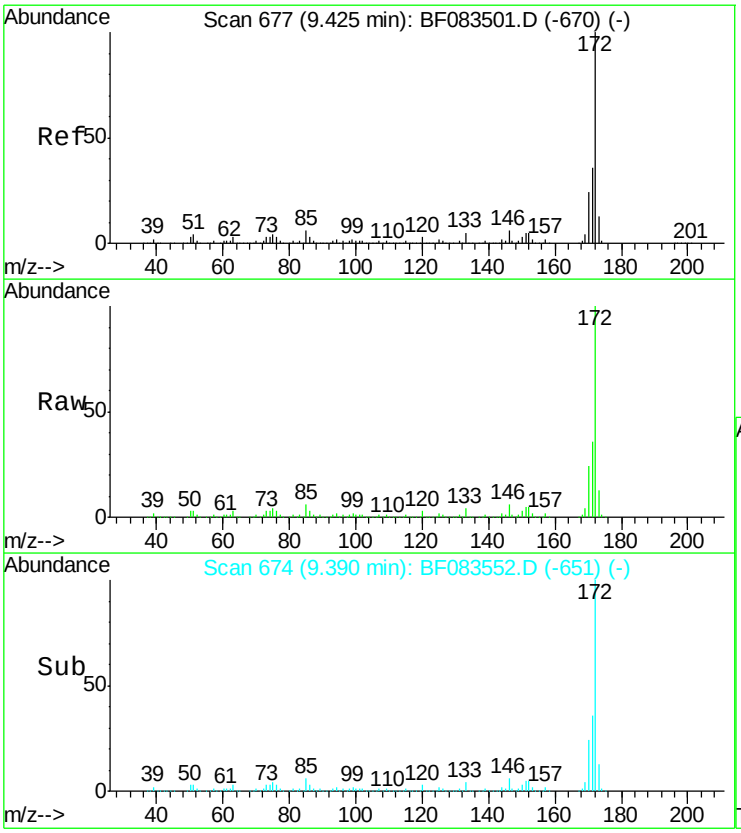
#41
2,4,6-Tribromophenol
Concen: 118.54 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion:330 Resp: 273188

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	37.8	0.0	0.0#

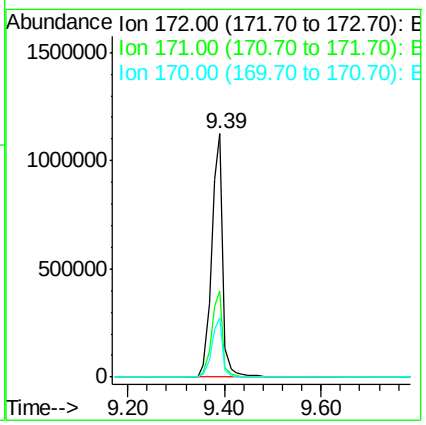


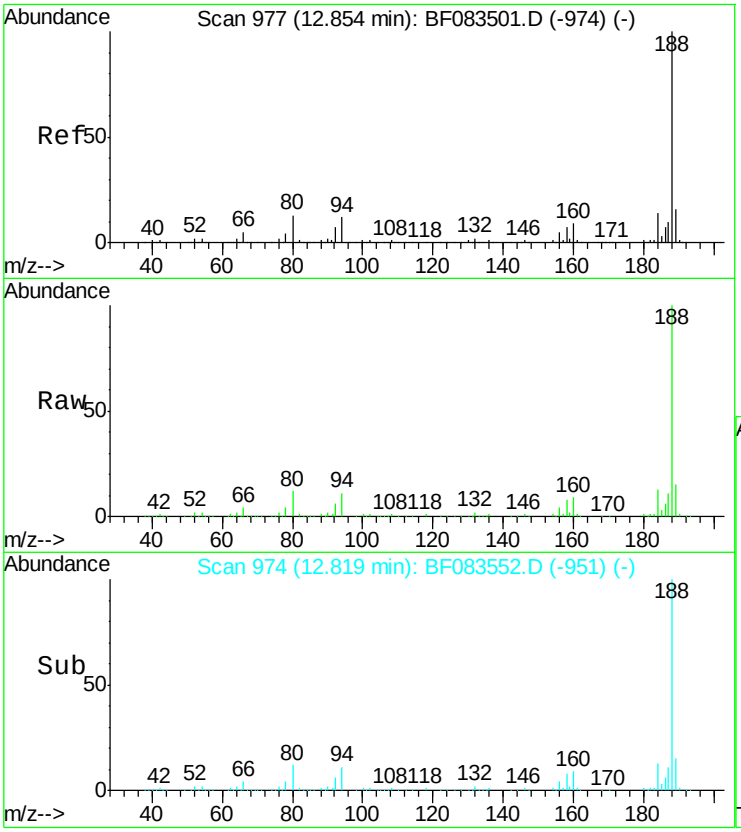


#44
2-Fluorobiphenyl
Concen: 100.16 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:172 Resp: 1844890

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.2	19.4	29.0



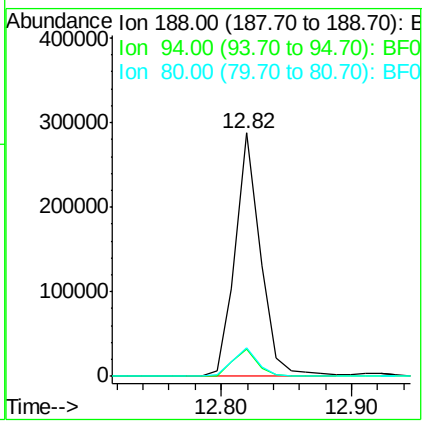


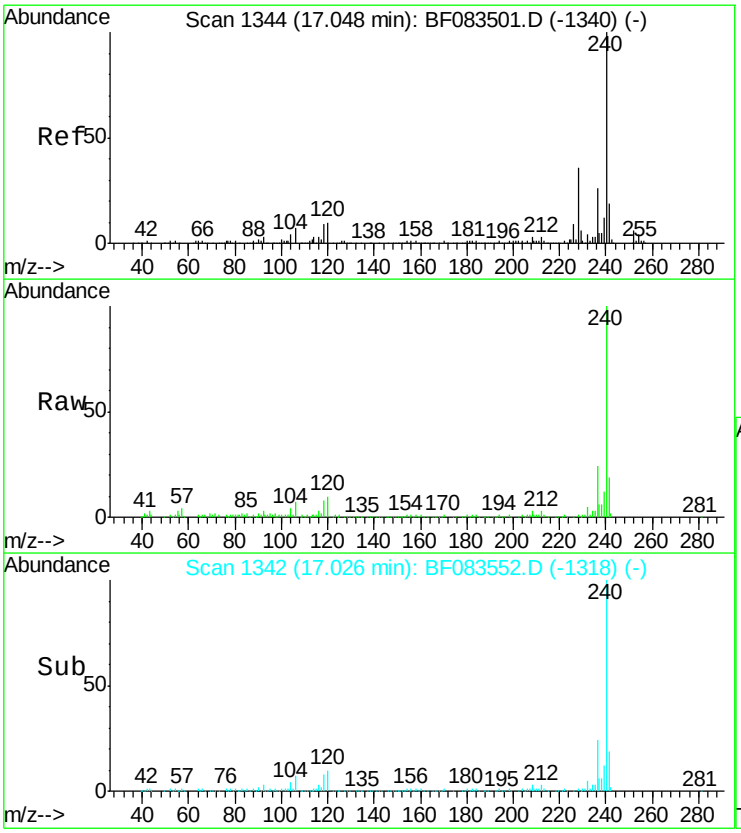
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion:188 Resp: 388973

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.8	10.6	16.0

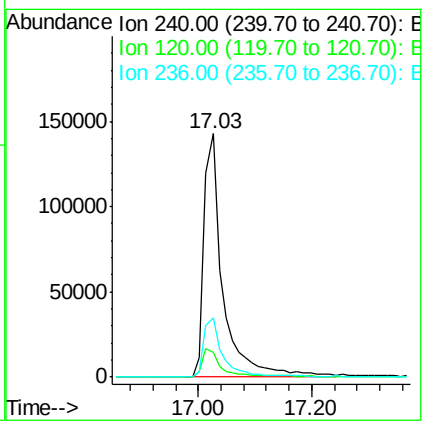


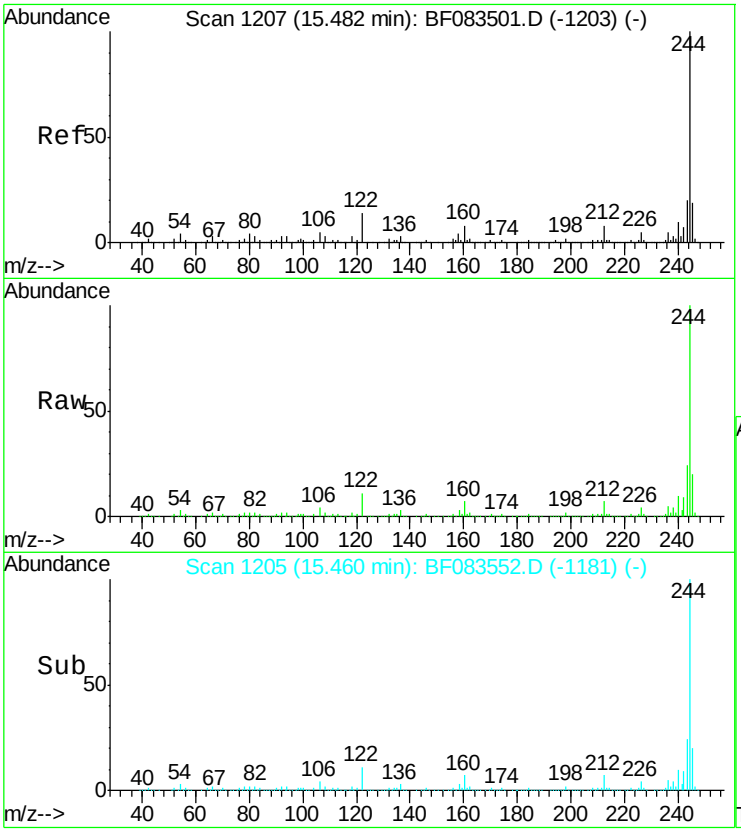


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.03 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:240 Resp: 321814

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	24.4	20.8	31.2



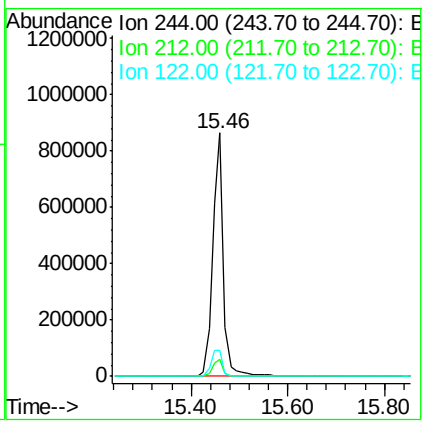


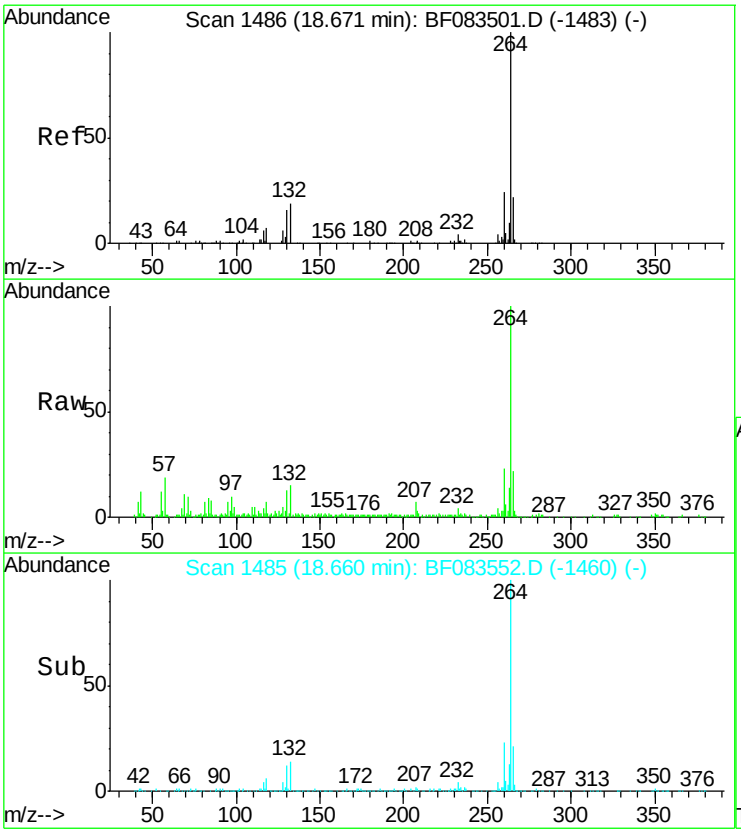
#78
Terphenyl-d14
Concen: 93.35 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Instrument :
BNA_F
ClientSampleId :
FB112515

Tgt Ion:244 Resp: 1350098

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.6	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF083552.D
Acq: 7 Dec 2015 9:48

Tgt Ion:264 Resp: 237696

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.9	17.8	26.6