Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083188.D
Acq On : 23 Nov 2015 5:30
Operator : UM/IZ
Sample : G4437-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-35

Quant Time: Nov 23 06:42:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	202609	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	705803	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	312252	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	501542	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	446613	20.00	ng	-0.02
86) Perylene-d12	15.15	264	334588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1009271	75.31	ng	-0.02
7) Phenol-d6	6.31	99	812996	46.89	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1571932	101.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	467272	146.27	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2357988	105.30	ng	-0.01
78) Terphenyl-d14	12.75	244	1921506	101.31	ng	-0.01

Target Compounds	Qvalue

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

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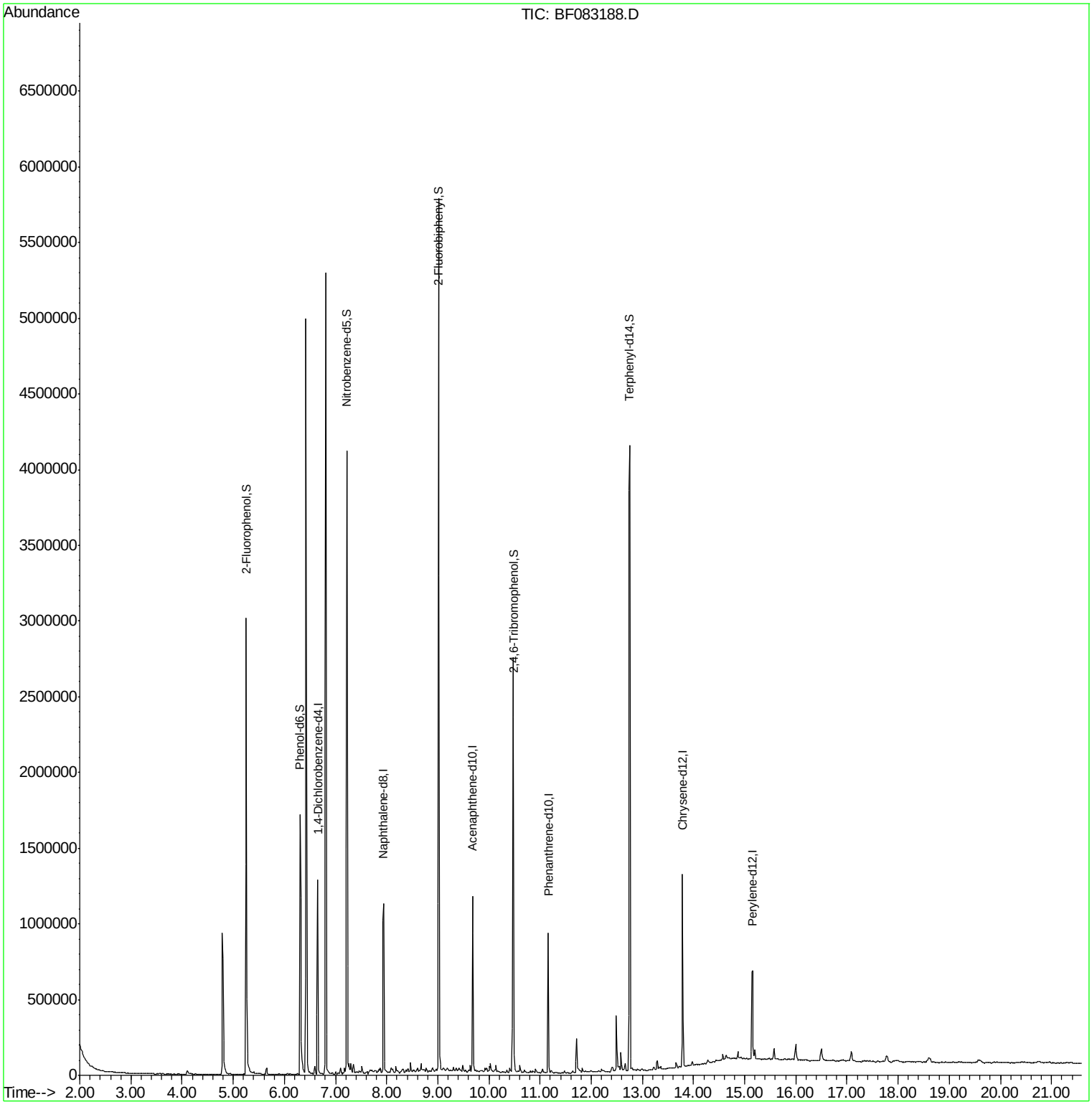
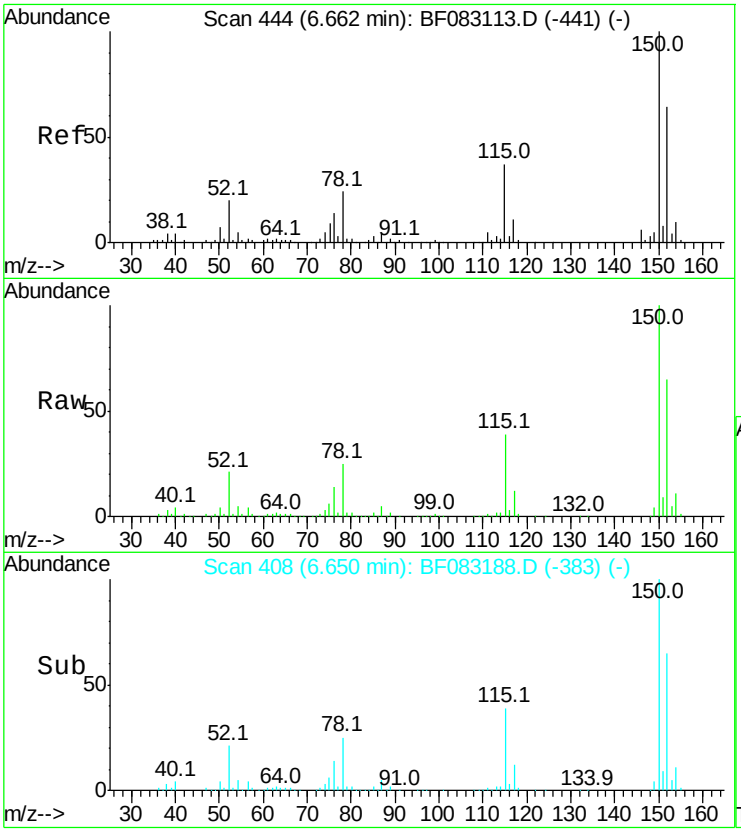
Response via : Initial Calibration



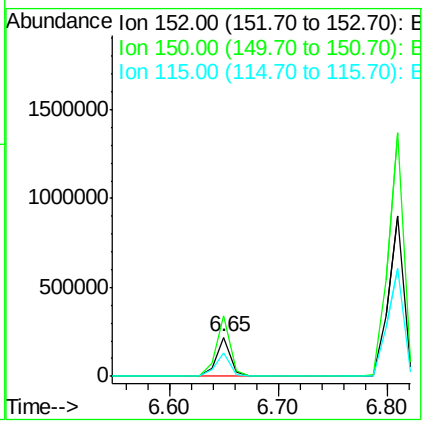


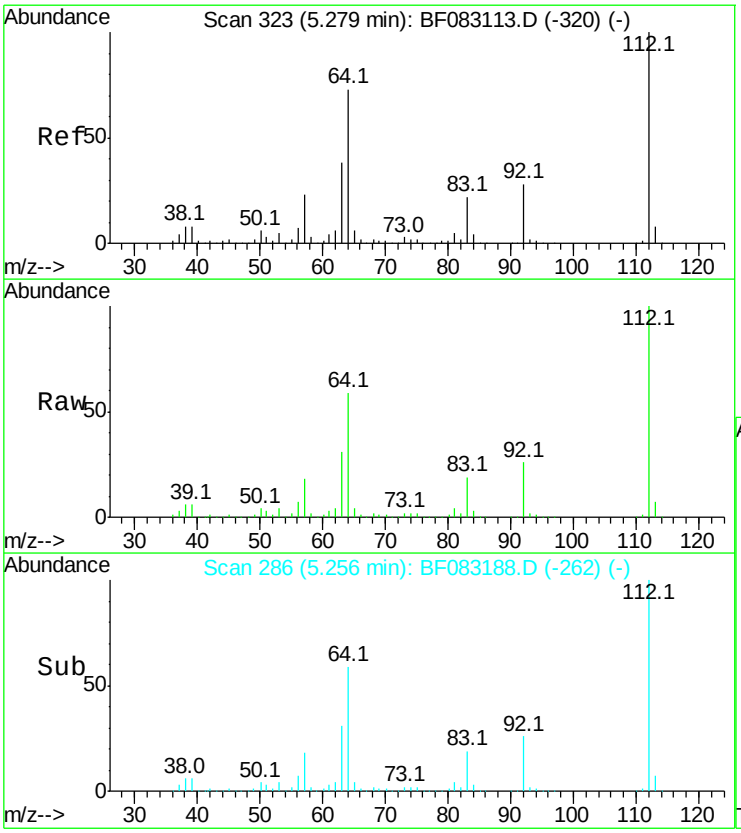
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:152 Resp: 202609

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.8
115	59.9	46.9	70.3

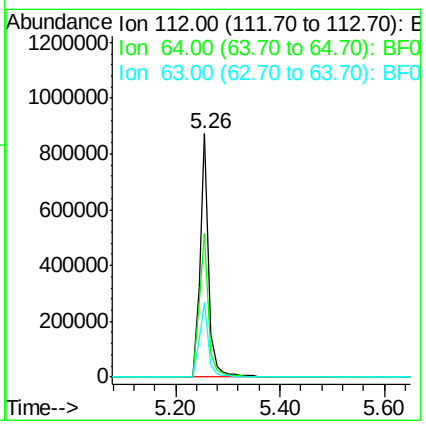


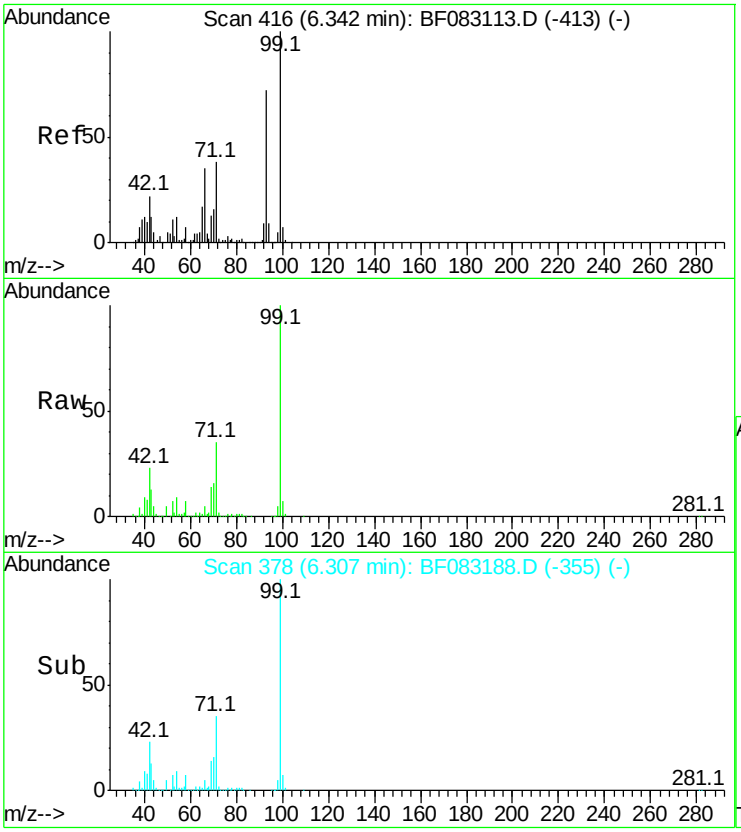


#5
2-Fluorophenol
Concen: 75.31 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:112 Resp: 1009271

Ion	Ratio	Lower	Upper
112	100		
64	59.3	58.4	87.6
63	30.7	30.0	45.0



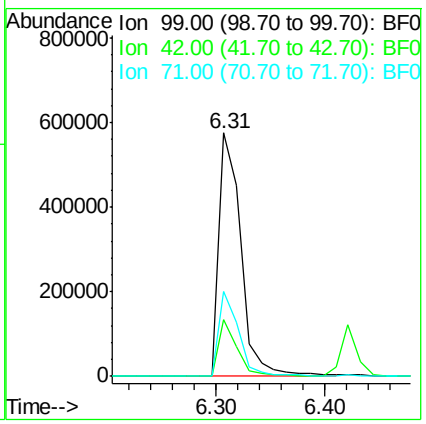


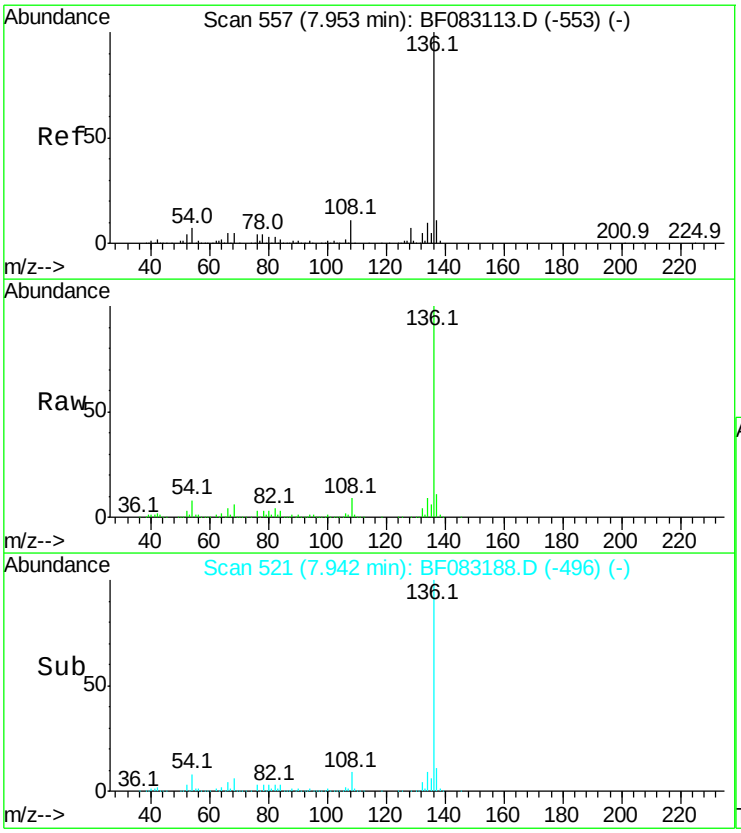
#7
Phenol-d6
Concen: 46.89 ng
RT: 6.31 min Scan# 378
Delta R.T. -0.03 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion: 99 Resp: 812996

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.7	26.5
71	34.7	30.2	45.4

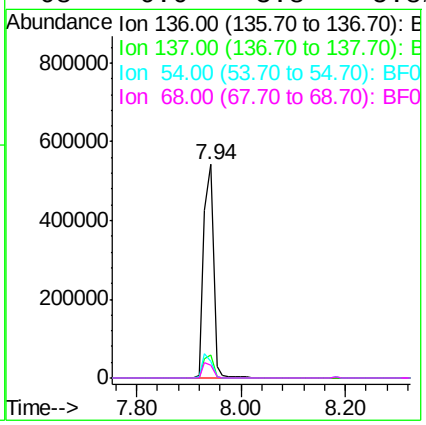


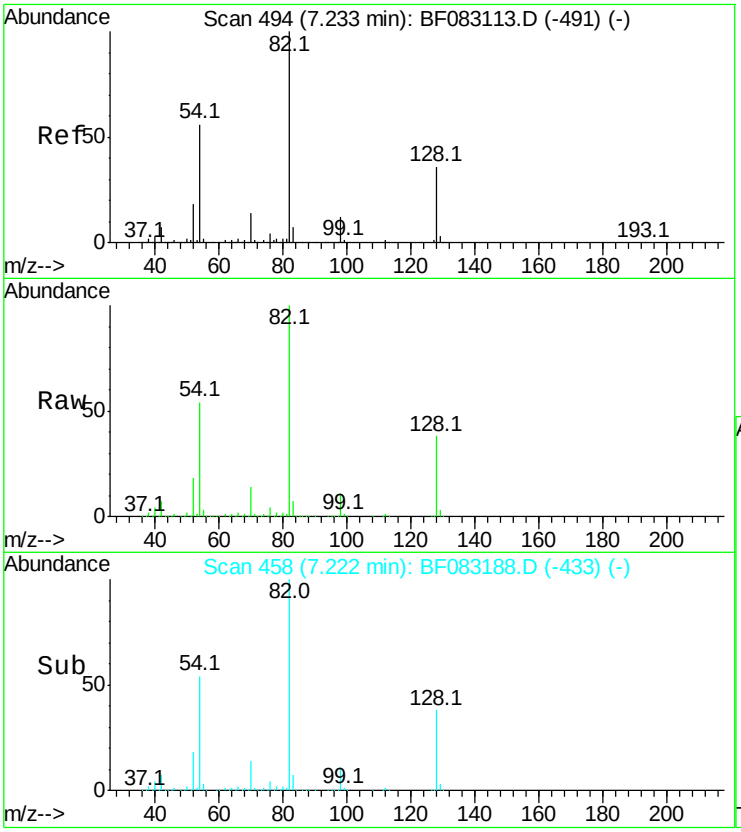


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:136 Resp: 705803

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.7	5.8	8.6
68	6.0	3.8	5.8#



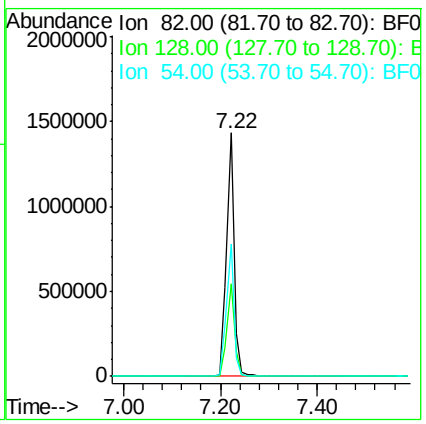


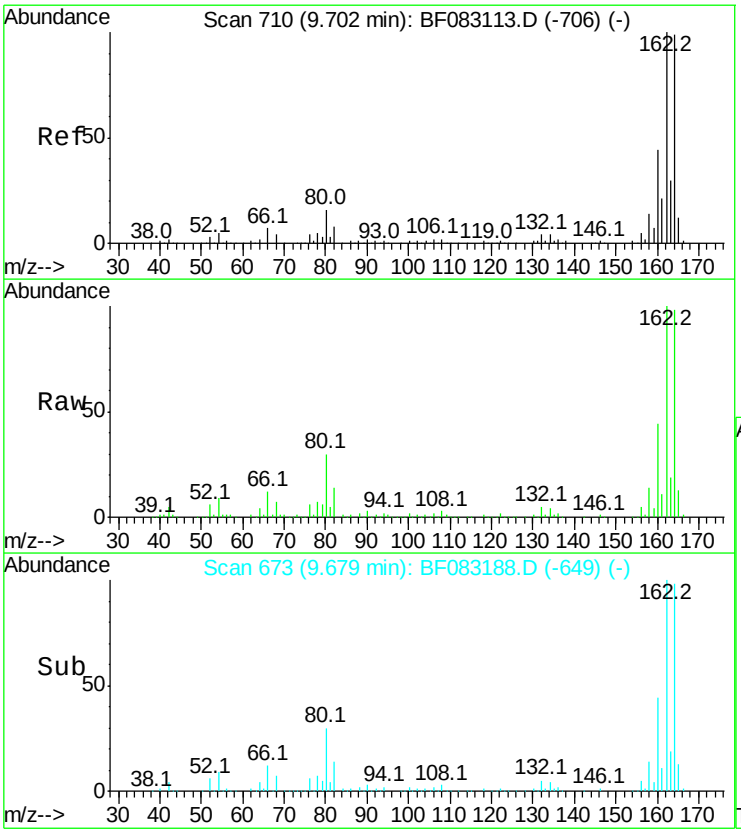
#23
Nitrobenzene-d5
Concen: 101.77 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion: 82 Resp: 1571932

Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.5	42.7
54	54.3	44.6	67.0

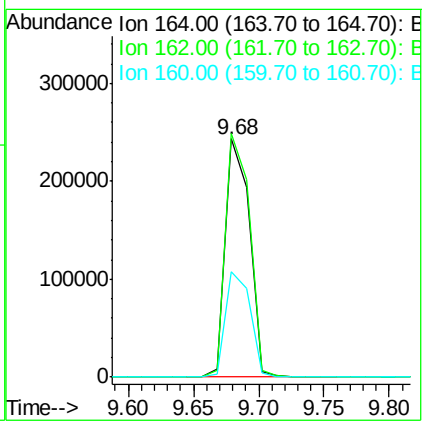


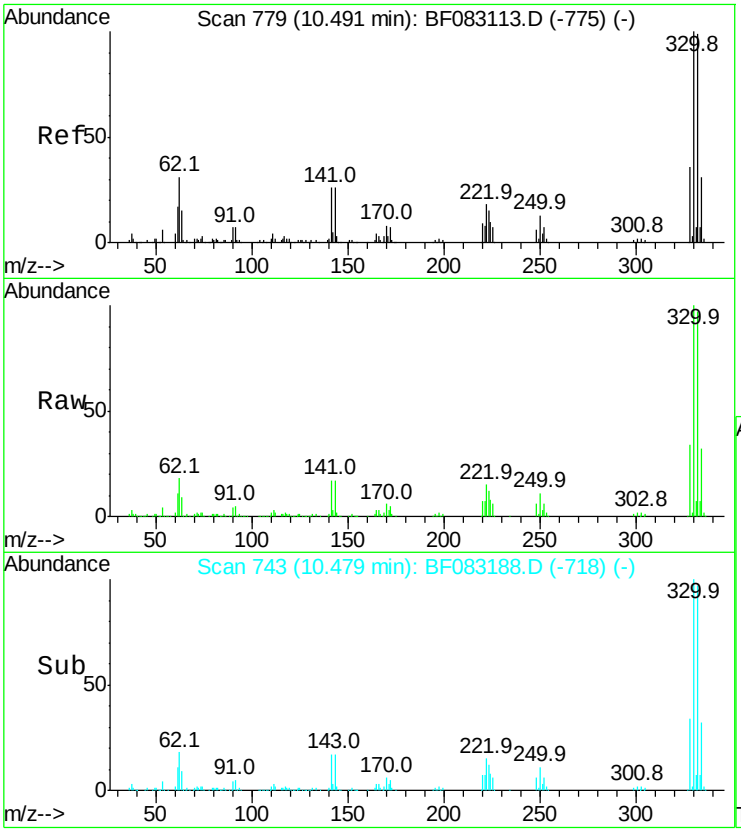


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:164 Resp: 312252

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.2	121.8
160	44.5	35.6	53.4



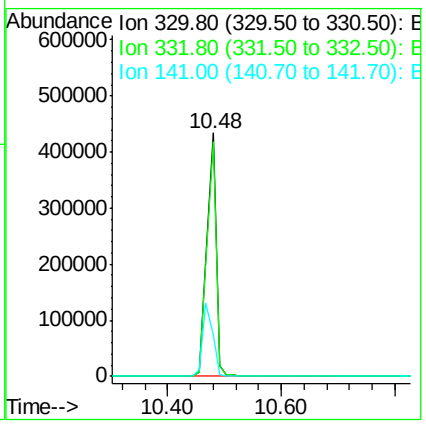


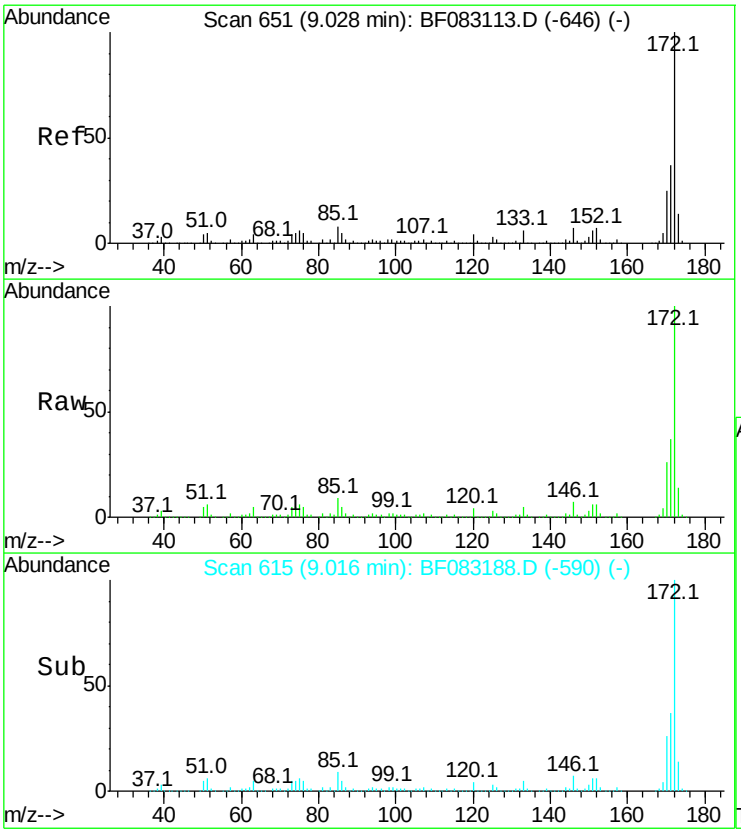
#41
2,4,6-Tribromophenol
Concen: 146.27 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:330 Resp: 467272

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	33.2	29.7	44.5

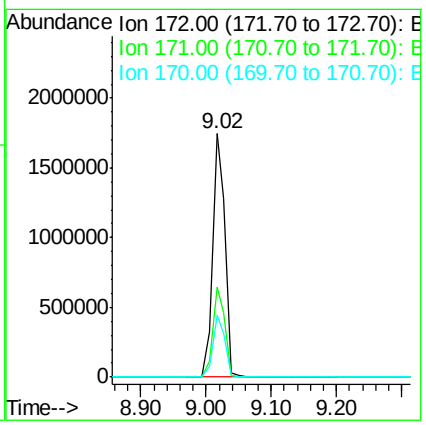


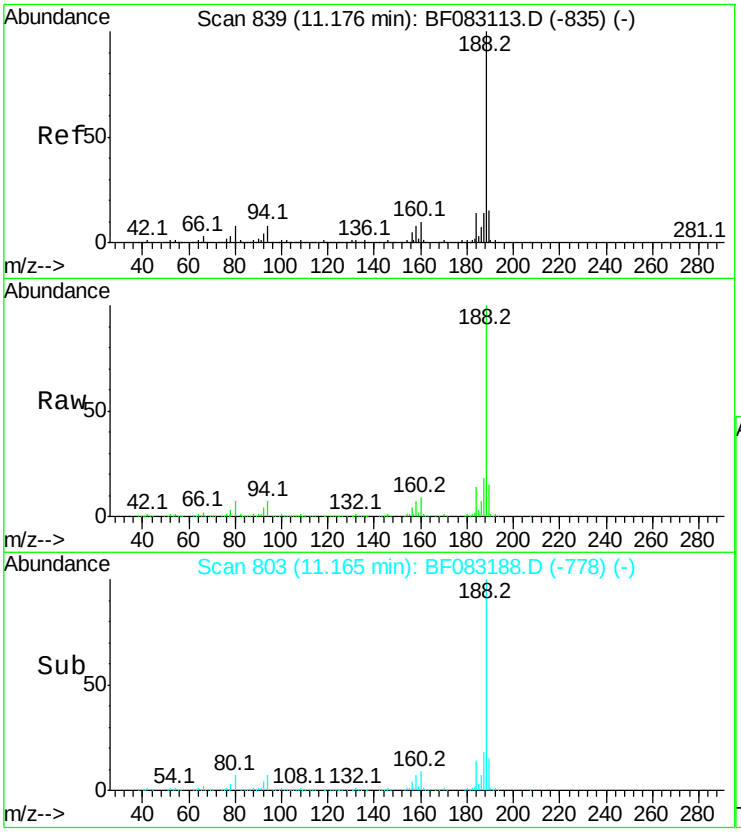


#44
2-Fluorobiphenyl
Concen: 105.30 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:172 Resp: 2357988

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.5	19.9	29.9



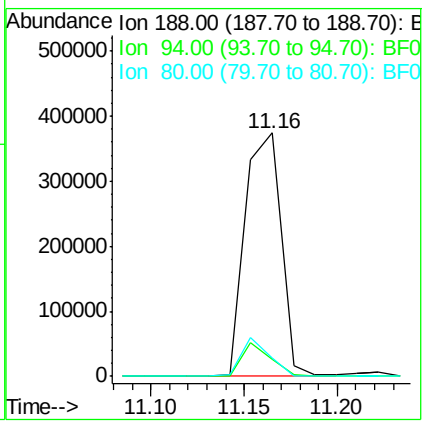


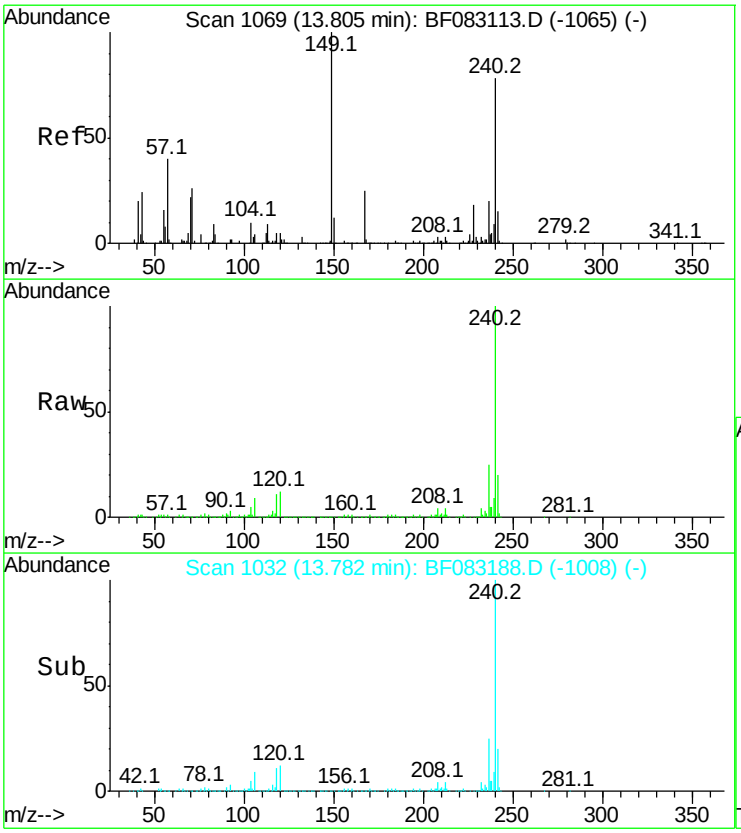
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:188 Resp: 501542

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.0	9.0
80	7.3	6.7	10.1

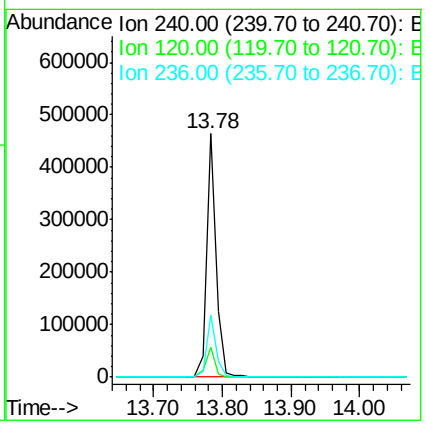


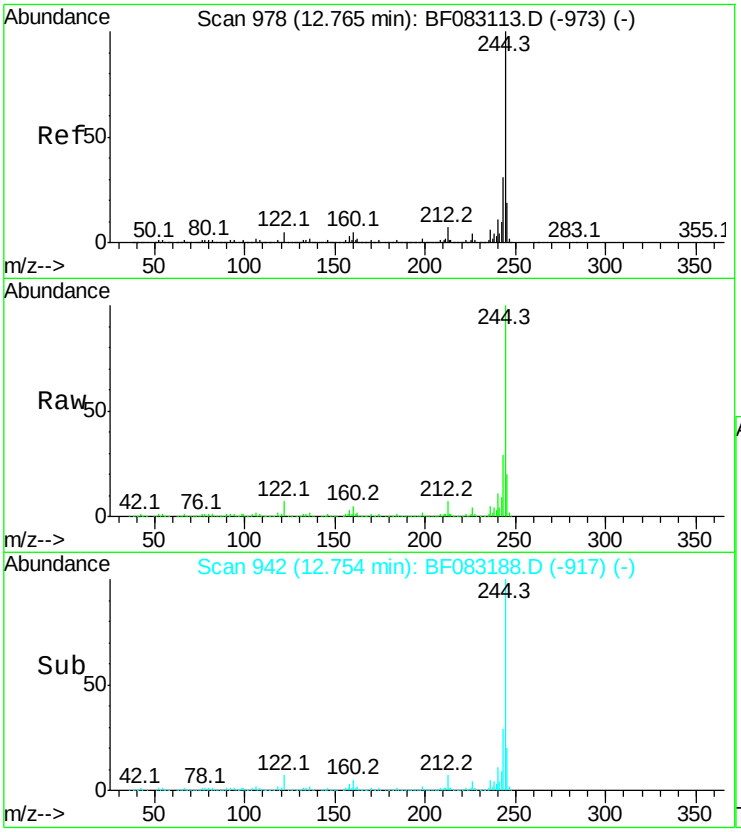


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:240 Resp: 446613

Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.4	8.2#
236	25.3	20.6	31.0



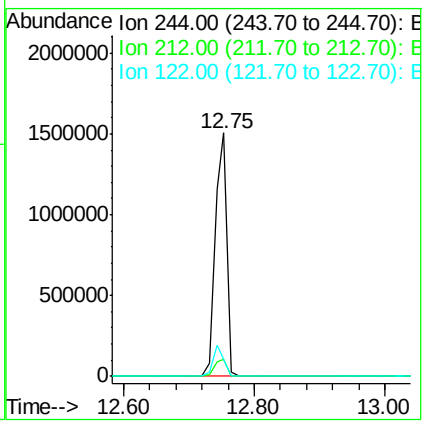


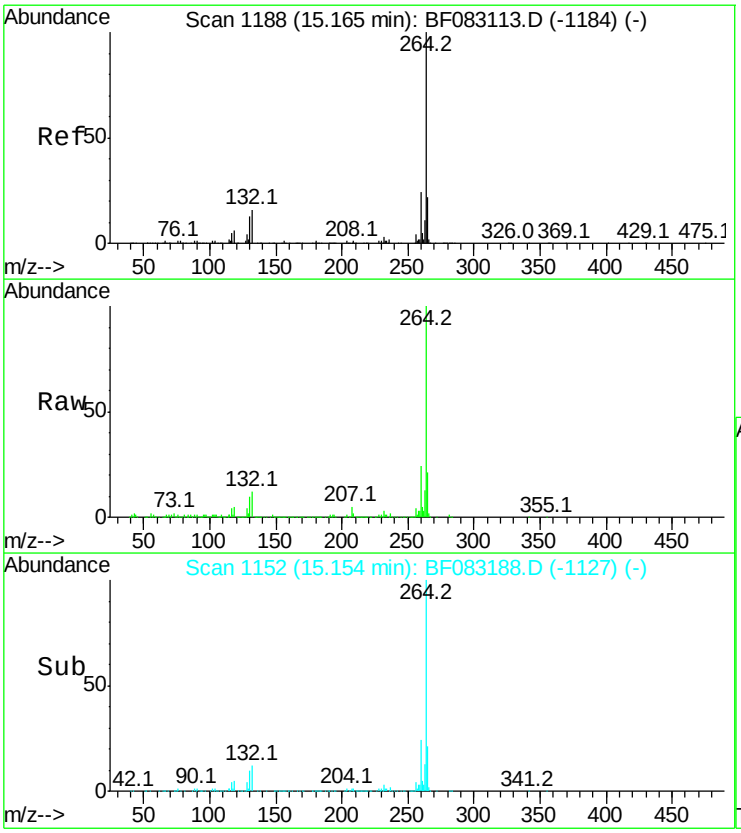
#78
Terphenyl-d14
Concen: 101.31 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:244 Resp: 1921506

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	6.9	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:264 Resp: 334588

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	20.7	18.2	27.4