Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083589.D
Acq On : 8 Dec 2015 8:44
Operator : UM/IZ
Sample : G4588-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18

Quant Time: Dec 08 10:00:02 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	5.72	152	153887	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	545446	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	239031	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	363237	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	346421	20.00	ng	-0.03
86) Perylene-d12	18.65	264	245252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	563791	55.58	ng	-0.03
7) Phenol-d6	5.29	99	490418	35.09	ng	-0.03
23) Nitrobenzene-d5	6.56	82	999798	85.68	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	247482	112.24	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1462942	83.01	ng	-0.06
78) Terphenyl-d14	15.45	244	1005374	64.58	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.56	70	126086	13.52	ng	# 76
32) Benzoic acid	7.22	122	8995	4.41	ng	# 13
64) 4,6-Dinitro-2-methylphenol	11.70	198	466	3.66	ng	# 1

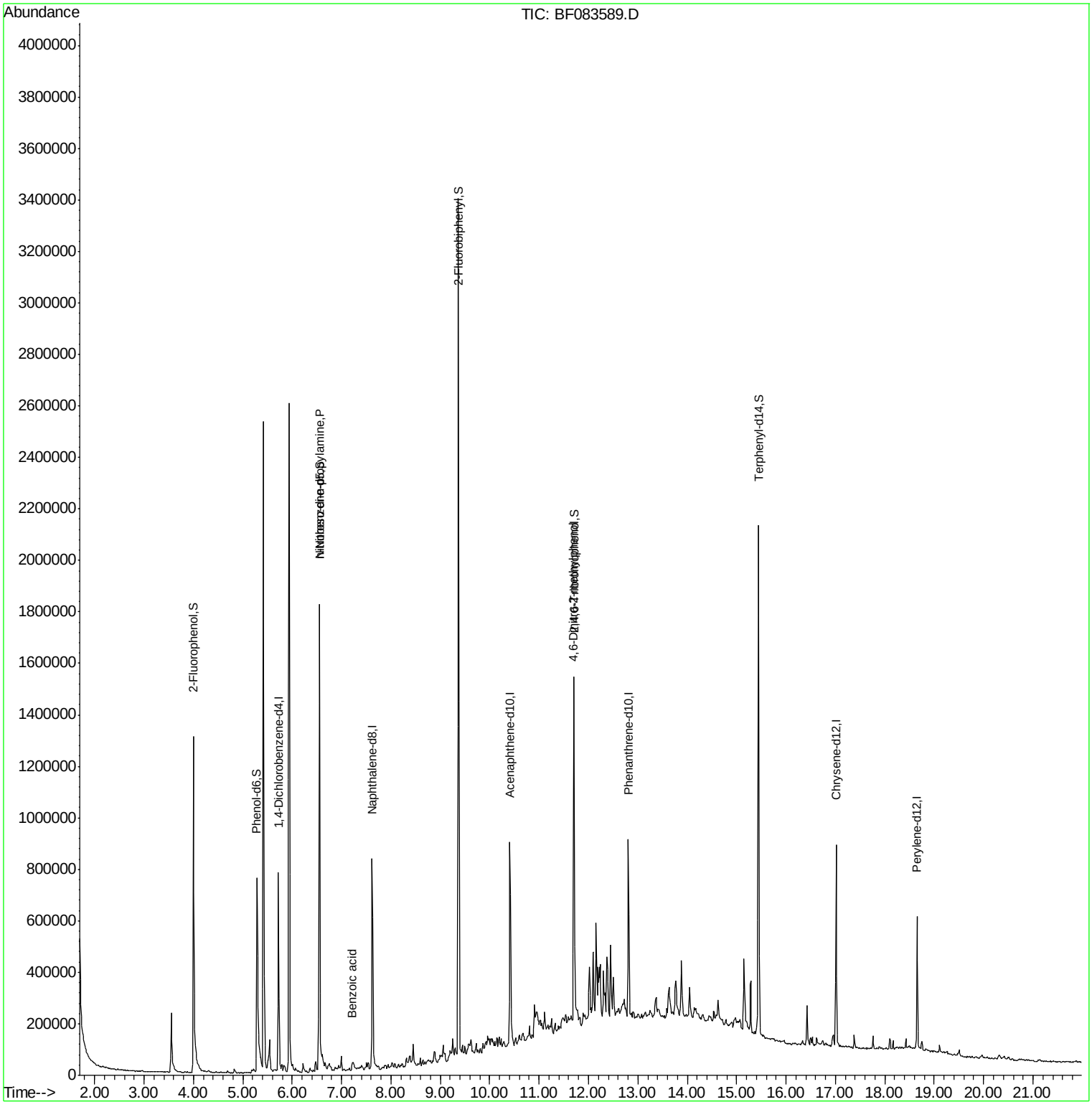
(#) = qualifier out of range (m) = manual integration (+) = signals summed

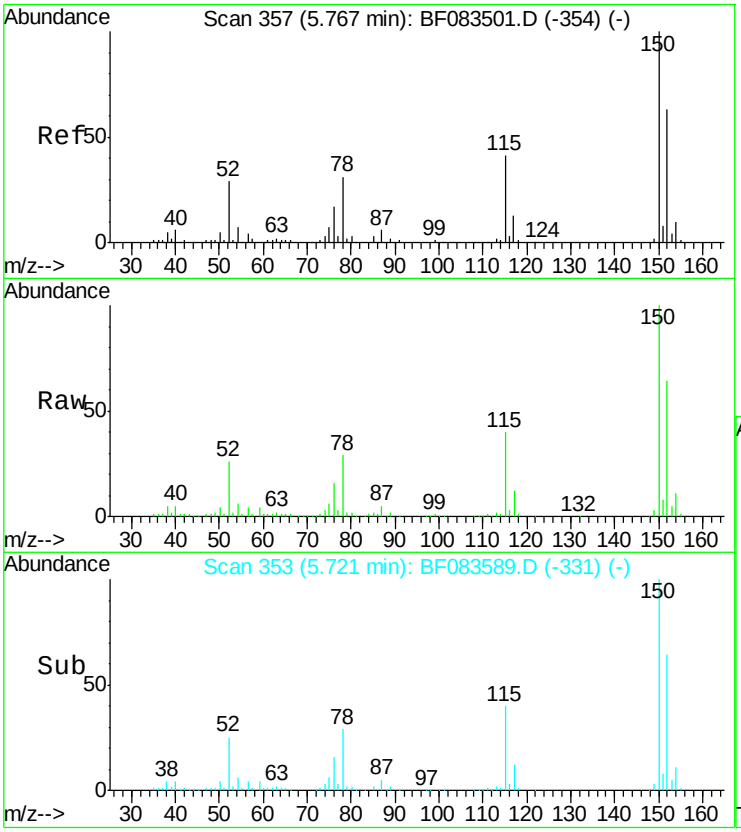
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083589.D
Acq On : 8 Dec 2015 8:44
Operator : UM/IZ
Sample : G4588-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

Quant Time: Dec 08 10:00:02 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



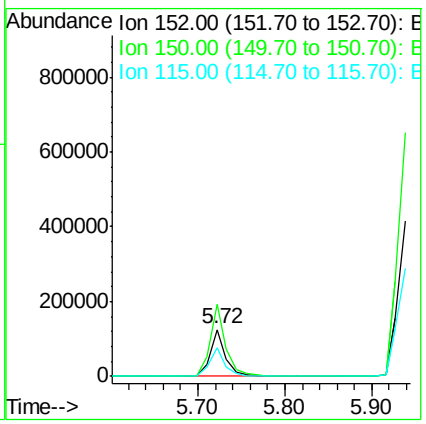


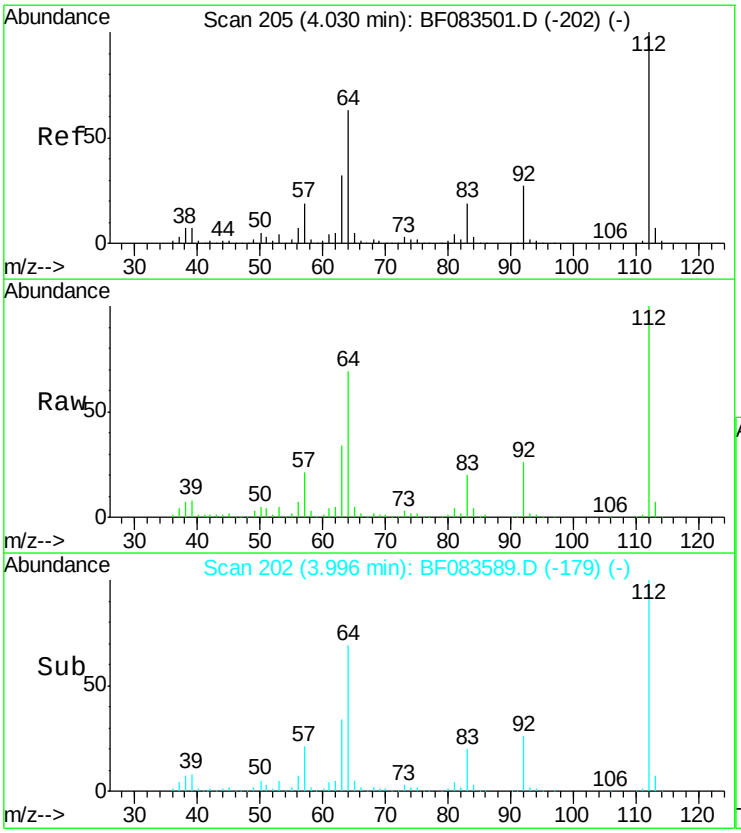
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 153887

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.5	189.7
115	62.1	52.3	78.5

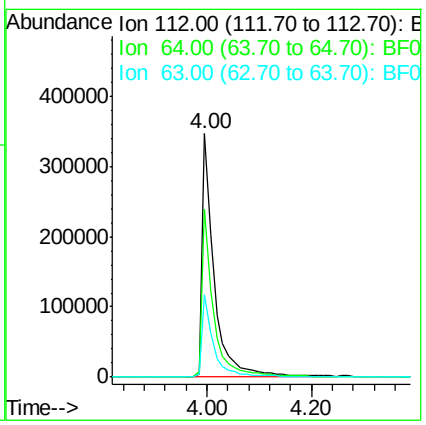


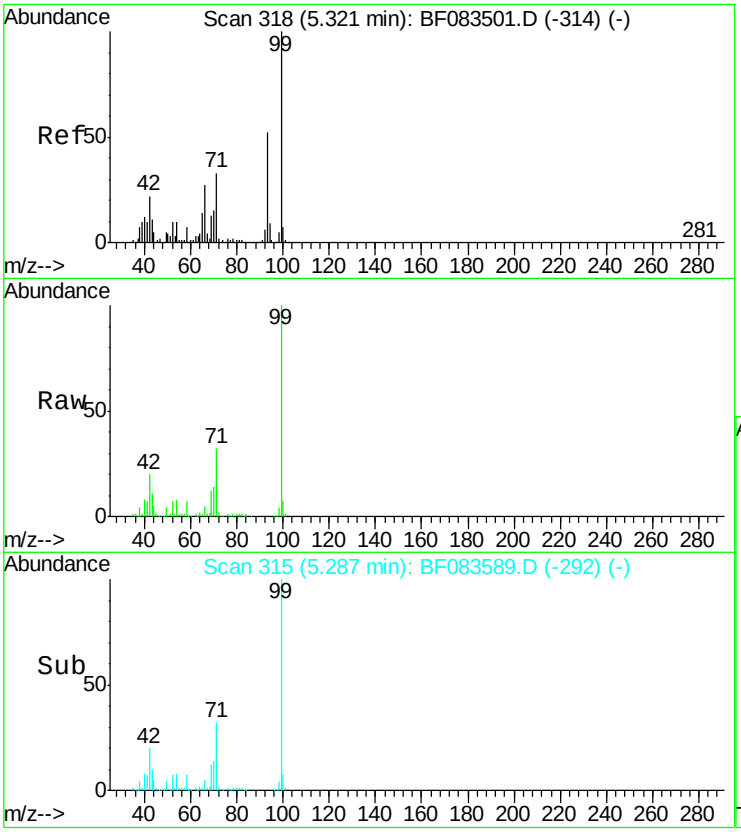


#5
2-Fluorophenol
Concen: 55.58 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:112 Resp: 563791

Ion	Ratio	Lower	Upper
112	100		
64	68.8	50.5	75.7
63	34.0	25.8	38.6



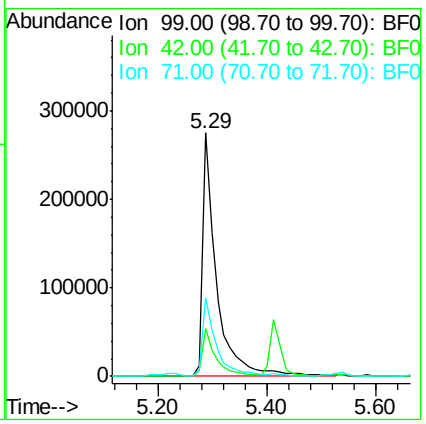


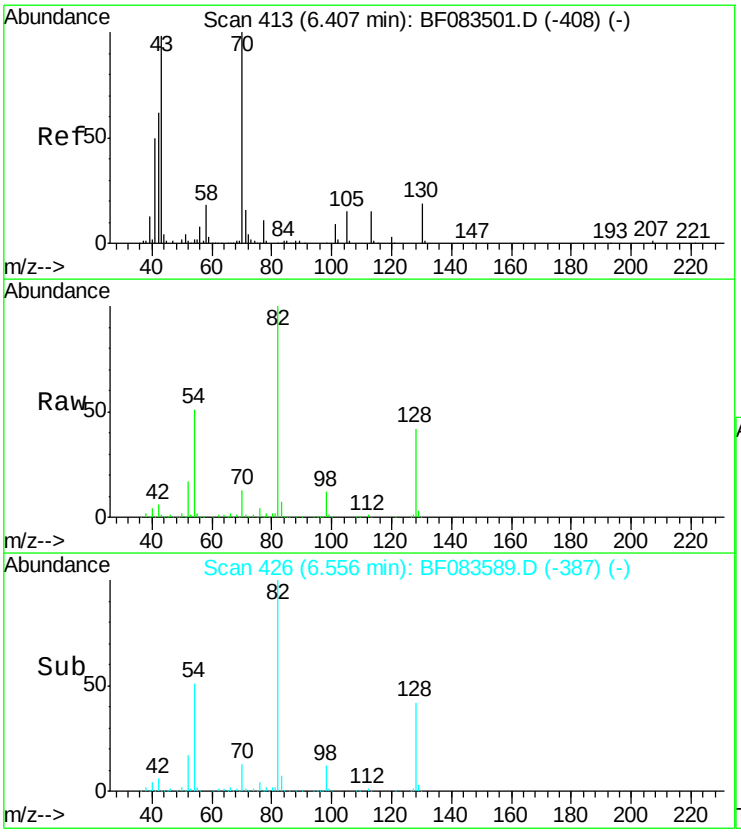
#7
Phenol-d6
Concen: 35.09 ng
RT: 5.29 min Scan# 315
Delta R.T. -0.03 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 490418

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	32.3	26.6	40.0

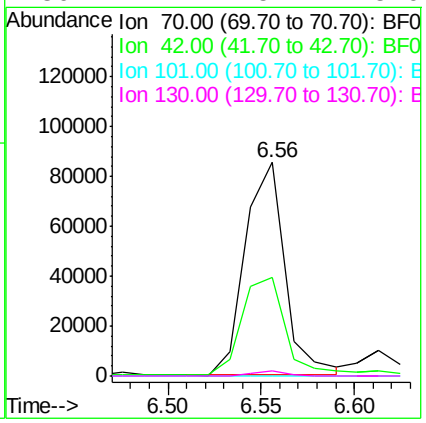


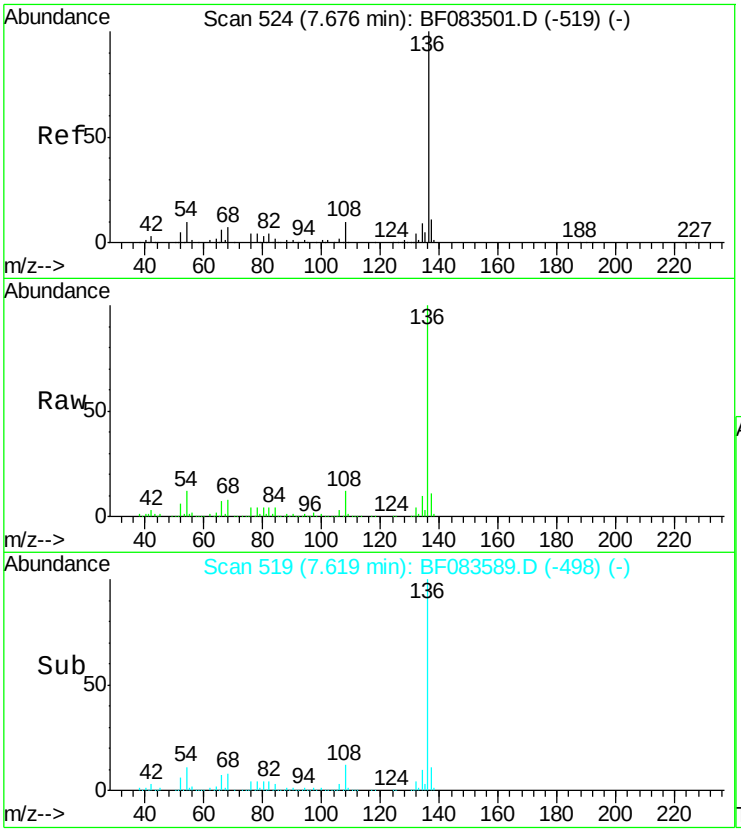


#19
n-Nitroso-di-n-propylamine
Concen: 13.52 ng
RT: 6.56 min Scan# 426
Delta R.T. 0.15 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion: 70 Resp: 126086

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.2	73.8#
101	0.0	7.1	10.7#
130	2.2	15.4	23.0#



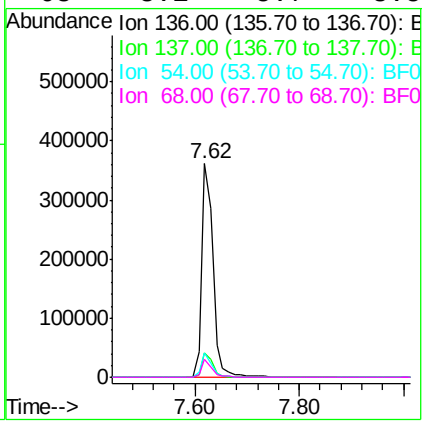


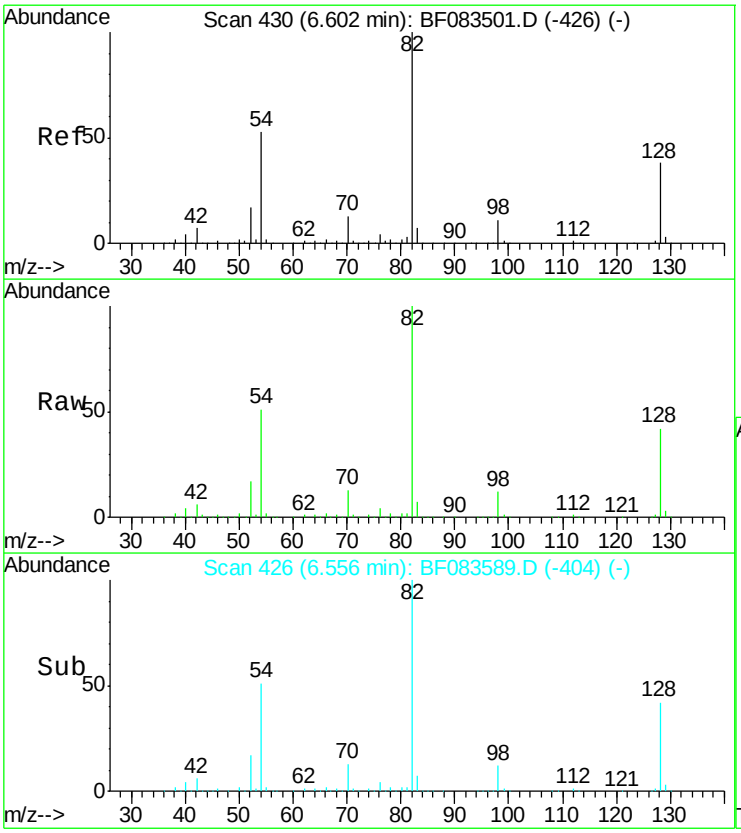
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:136 Resp: 545446

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.6	7.8	11.6
68	8.1	5.7	8.5

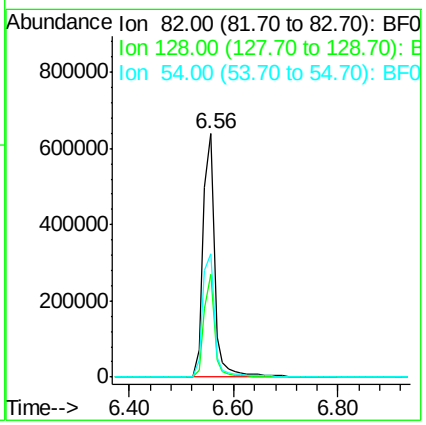


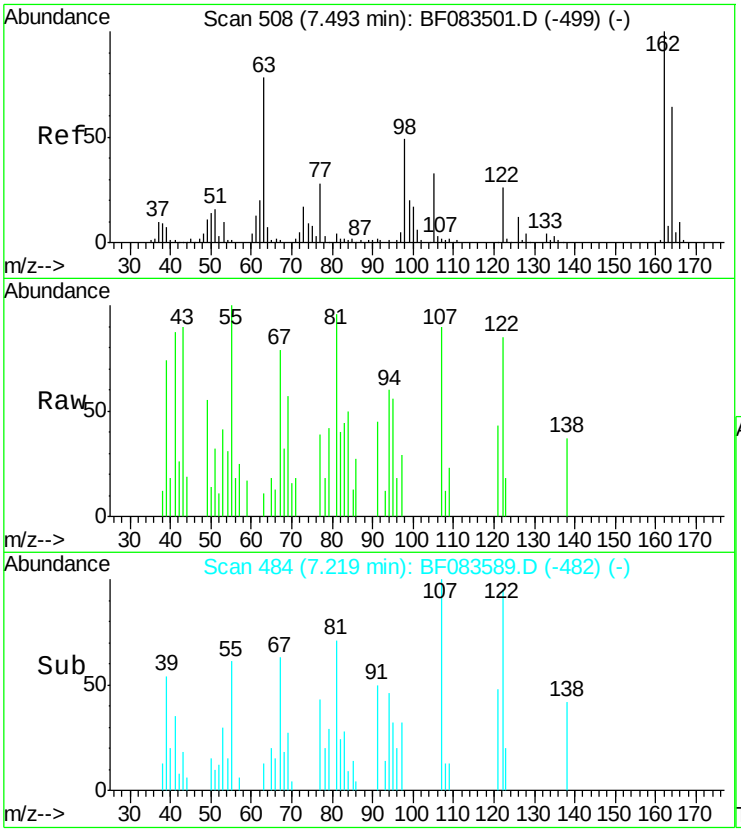


#23
Nitrobenzene-d5
Concen: 85.68 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion: 82 Resp: 999798

Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.7	46.1
54	50.5	42.5	63.7



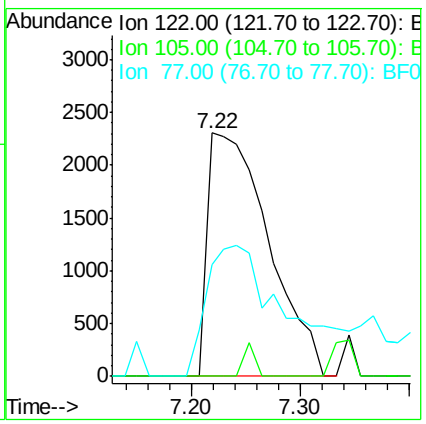


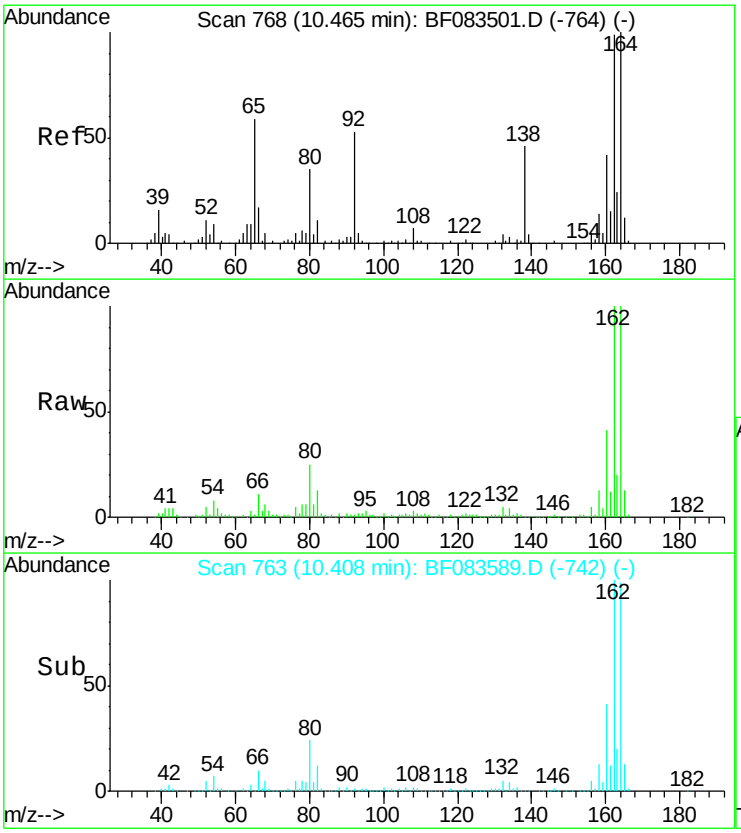
#32
Benzoic acid
Concen: 4.41 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.27 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:122 Resp: 8995

Ion	Ratio	Lower	Upper
122	100		
105	0.0	105.6	145.6#
77	45.7	86.8	126.8#

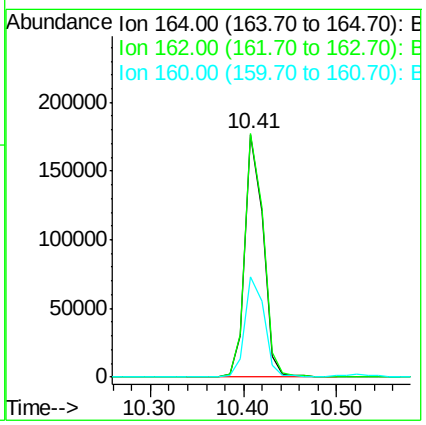


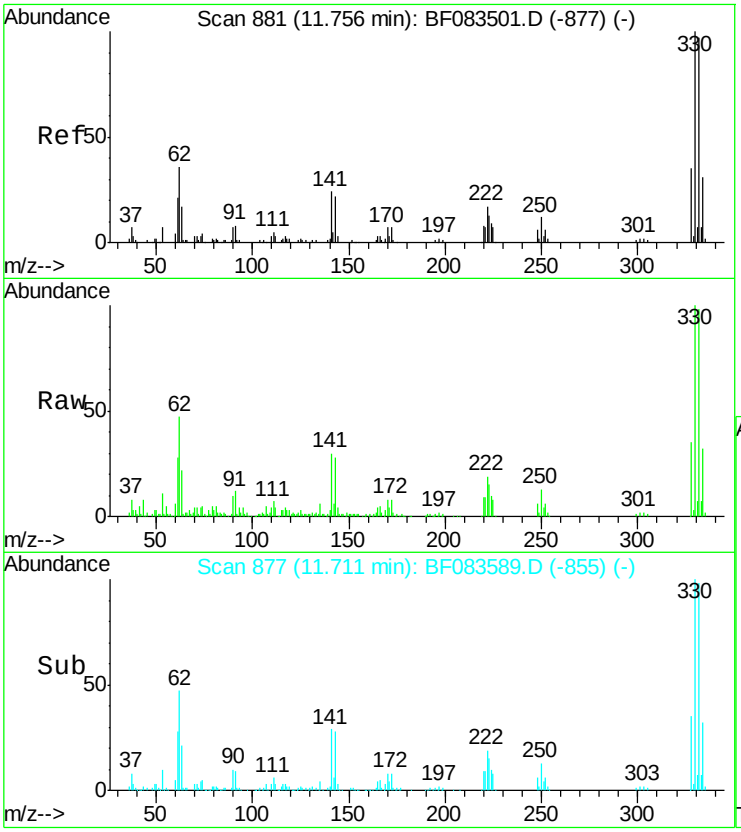


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:164 Resp: 239031

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	41.1	33.4	50.2



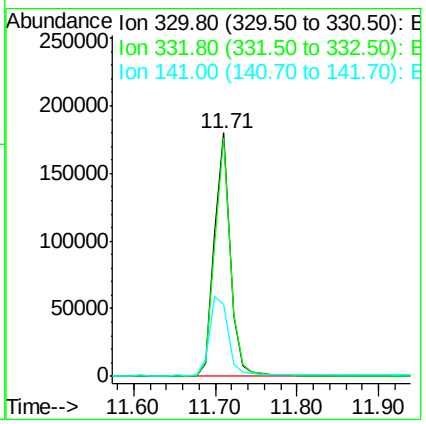


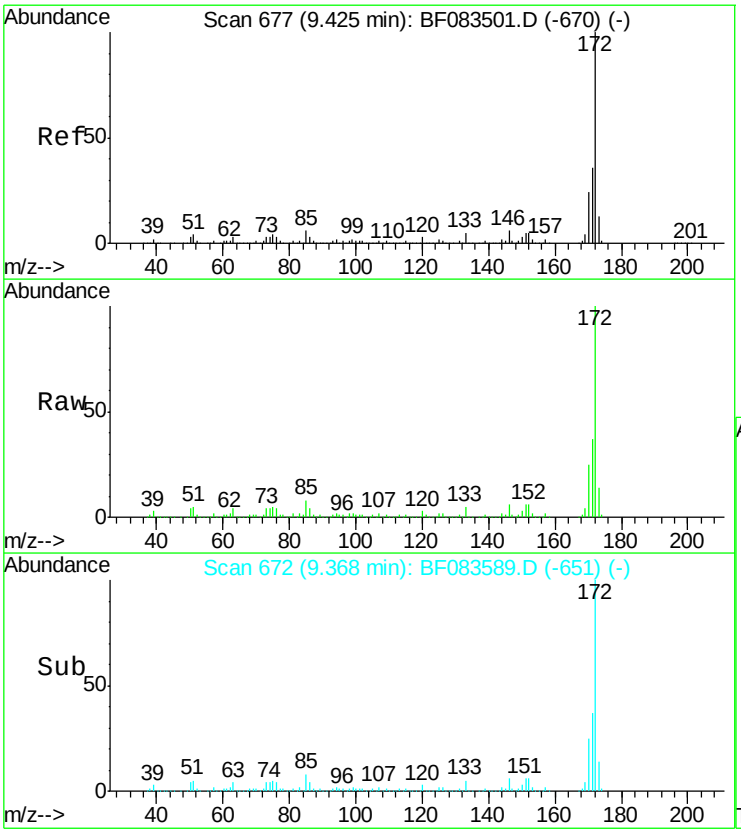
#41
2,4,6-Tribromophenol
Concen: 112.24 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:330 Resp: 247482

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	39.0	0.0	0.0#

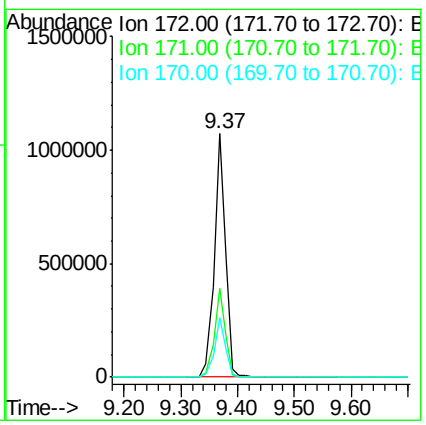


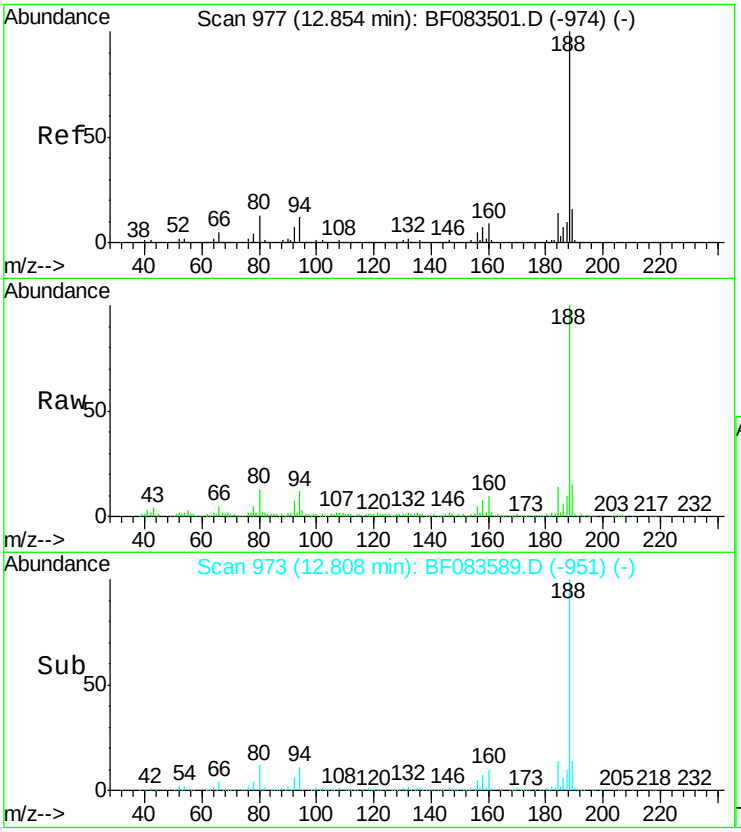


#44
2-Fluorobiphenyl
Concen: 83.01 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:172 Resp: 1462942

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.5	19.4	29.0



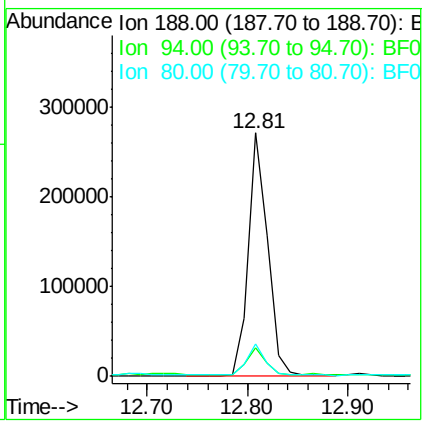


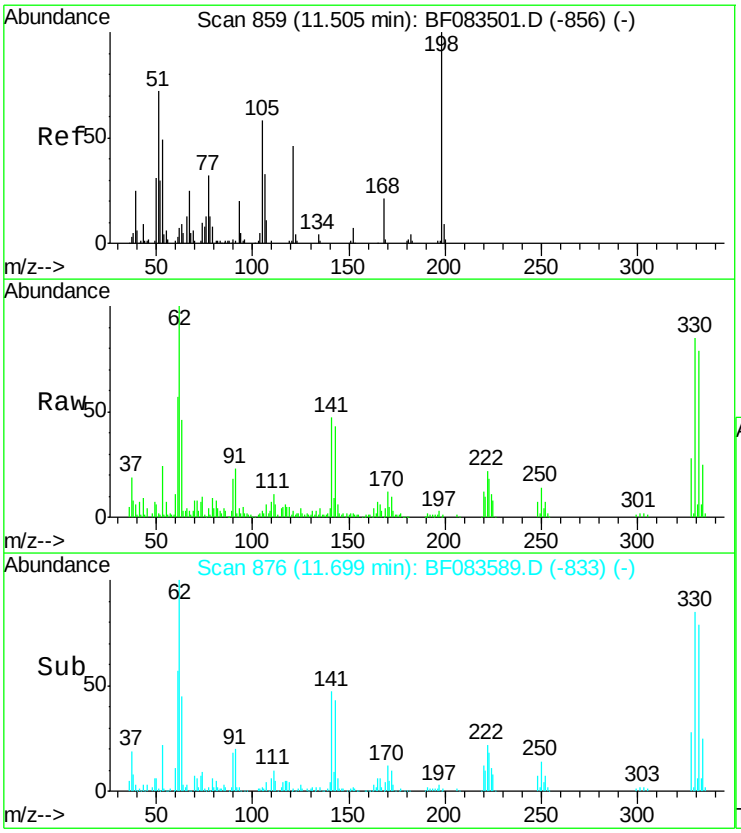
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:188 Resp: 363237

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.1	10.6	16.0

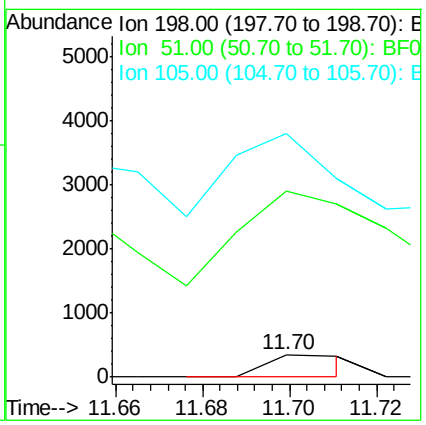


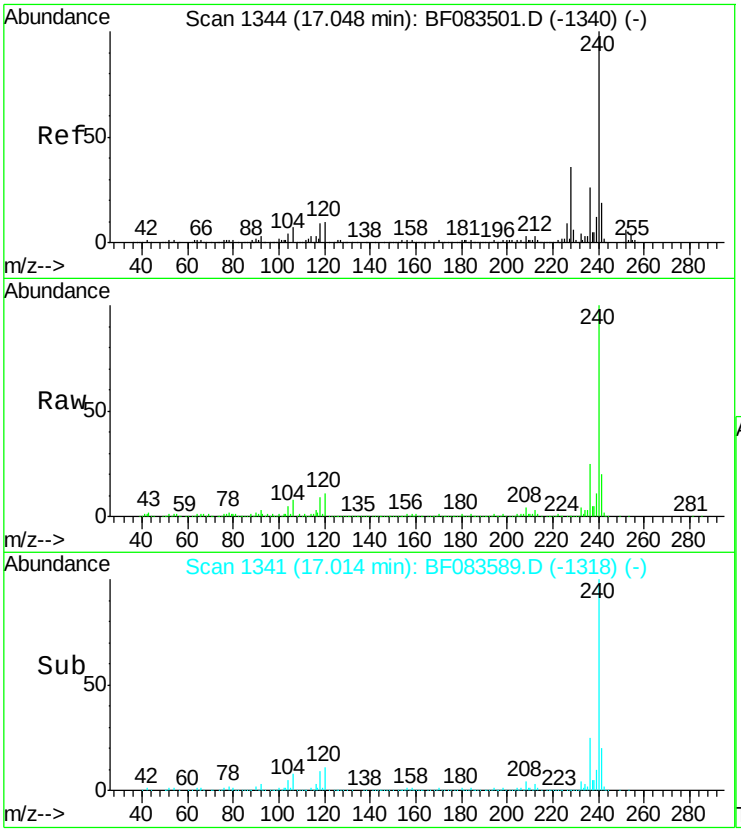


#64
4,6-Dinitro-2-methylphenol
Concen: 3.66 ng
RT: 11.70 min Scan# 876
Delta R.T. 0.20 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:198 Resp: 466

Ion	Ratio	Lower	Upper
198	100		
51	822.3	53.8	93.8#
105	1073.2	38.6	78.6#



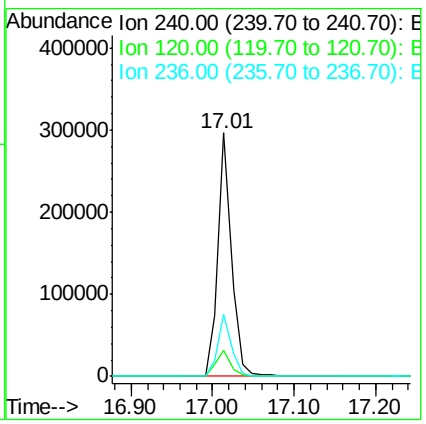


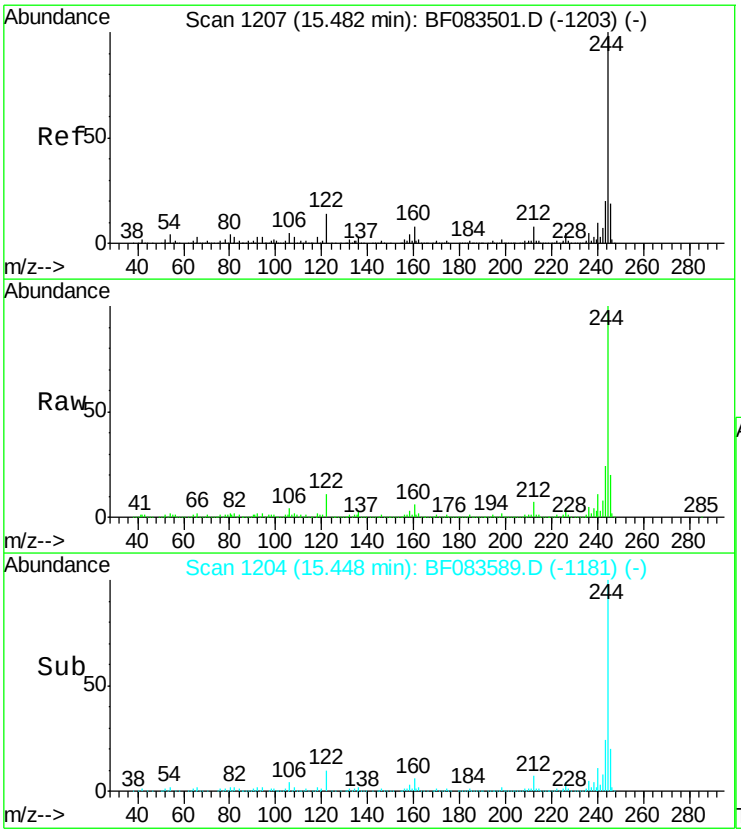
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:240 Resp: 346421

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	25.4	20.8	31.2

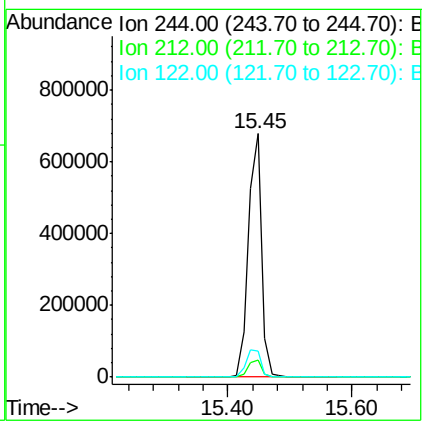


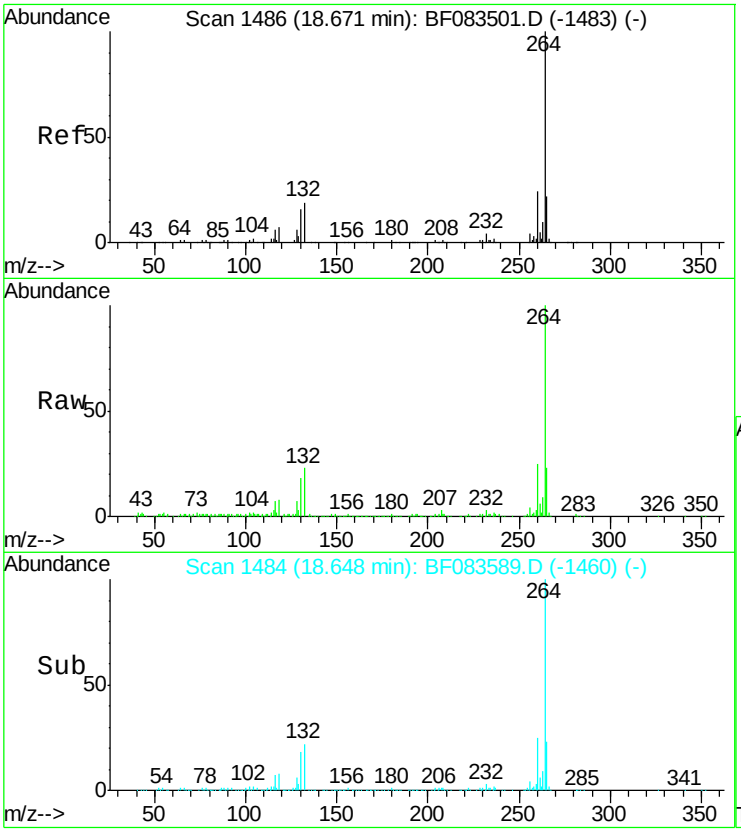


#78
Terphenyl-d14
Concen: 64.58 ng
RT: 15.45 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:244 Resp: 1005374

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.5	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:264 Resp: 245252

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.0
265	23.1	17.8	26.6