Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083392.D
Acq On : 2 Dec 2015 1:01
Operator : UM/IZ
Sample : G4587-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Time: Dec 02 04:27:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	166447	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	642278	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	340253	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	648431	20.00	ng	0.00
75) Chrysene-d12	14.75	240	514729	20.00	ng	-0.01
86) Perylene-d12	16.82	264	417468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	764616	68.93	ng	0.01
7) Phenol-d6	6.21	99	694608	45.75	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1286458	88.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	394529	115.51	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2118616	88.73	ng	0.00
78) Terphenyl-d14	13.23	244	2143006	99.29	ng	0.01
Target Compounds						Qvalue

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

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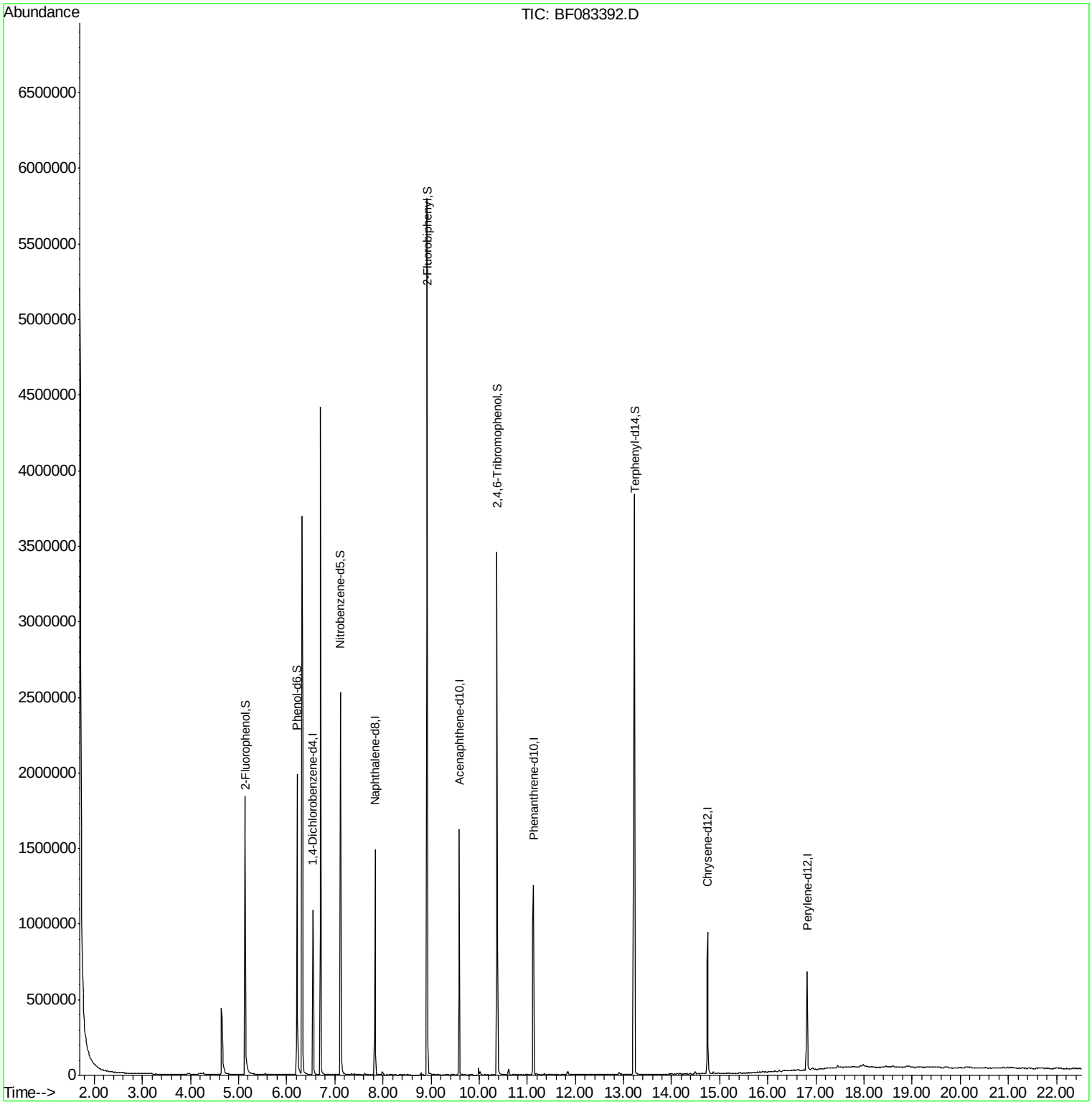
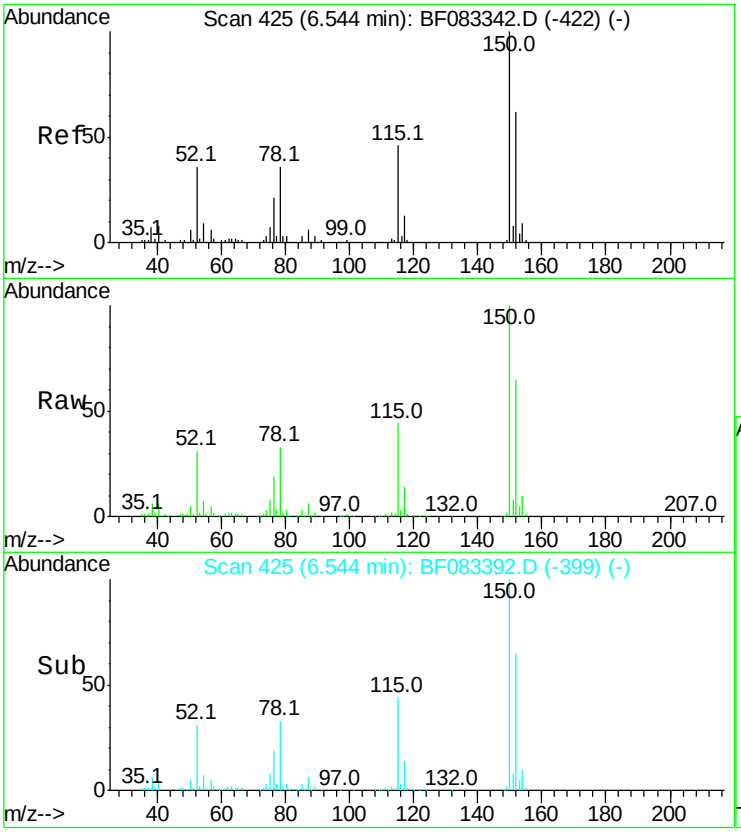


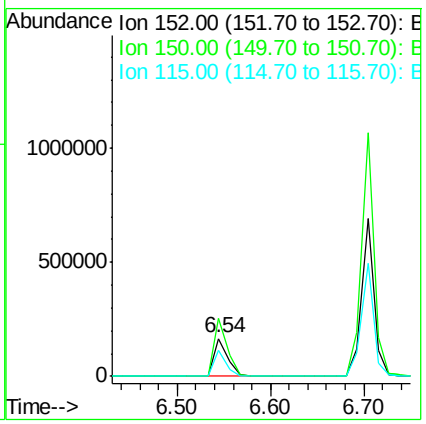


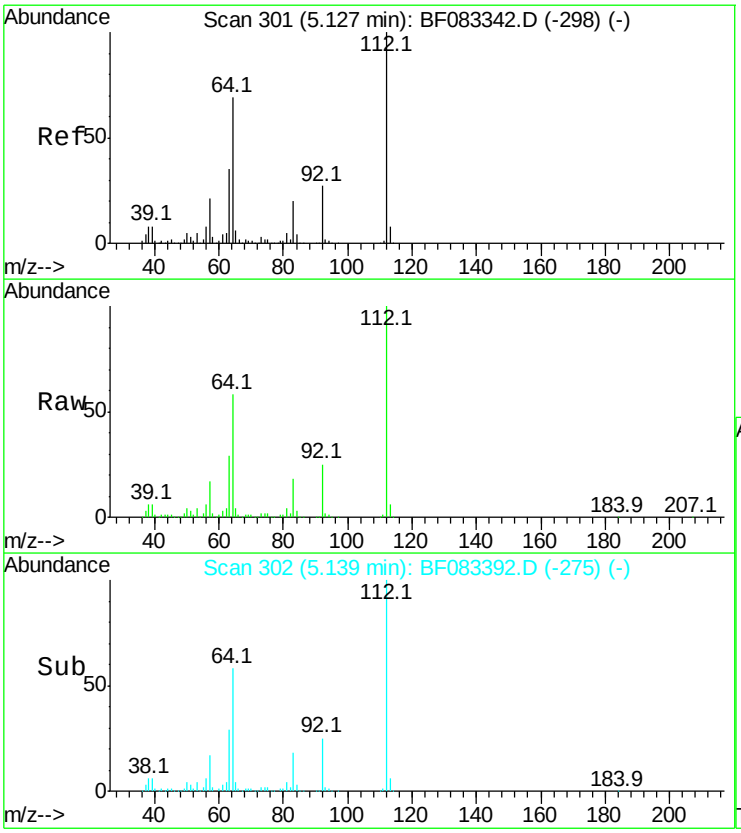
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 166447

Ion	Ratio	Lower	Upper
152	100		
150	153.7	129.8	194.8
115	67.2	59.2	88.8

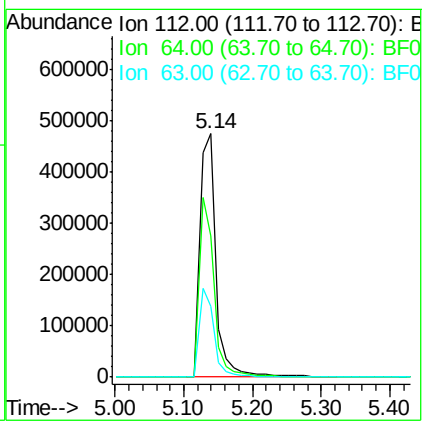


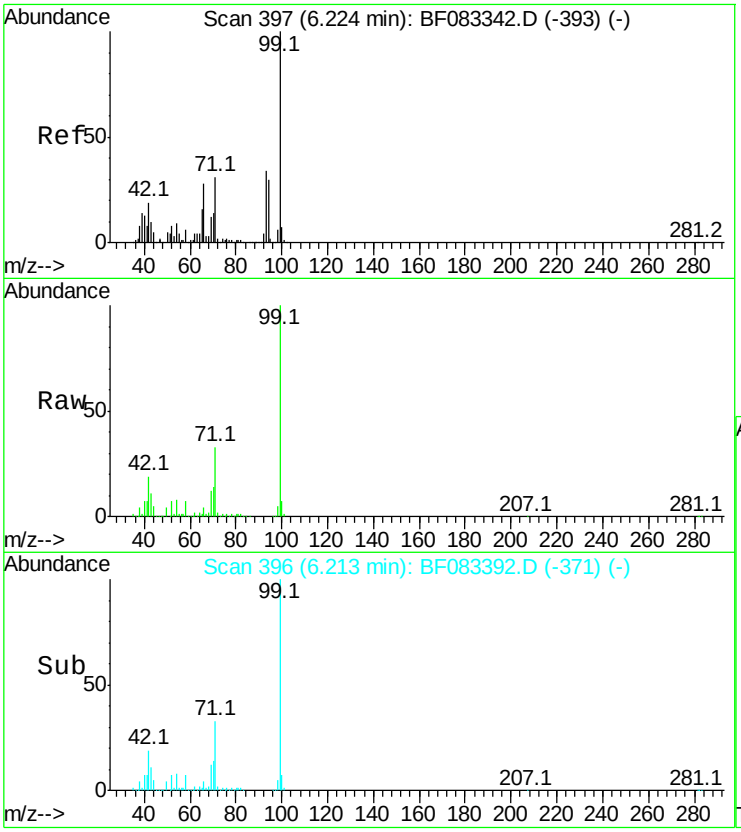


#5
2-Fluorophenol
Concen: 68.93 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:112 Resp: 764616

Ion	Ratio	Lower	Upper
112	100		
64	57.8	55.6	83.4
63	29.1	28.2	42.2

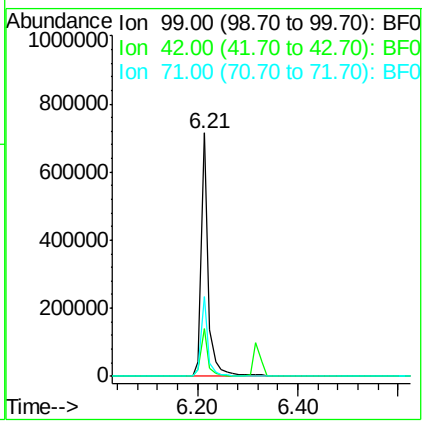




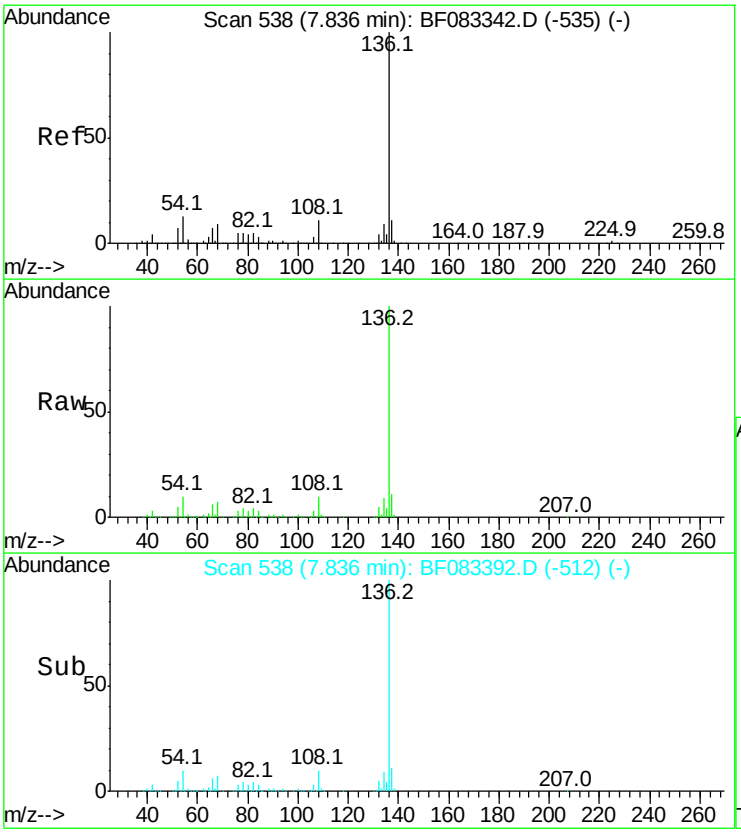
#7
Phenol-d6
Concen: 45.75 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion: 99 Resp: 694608

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	32.5	24.7	37.1



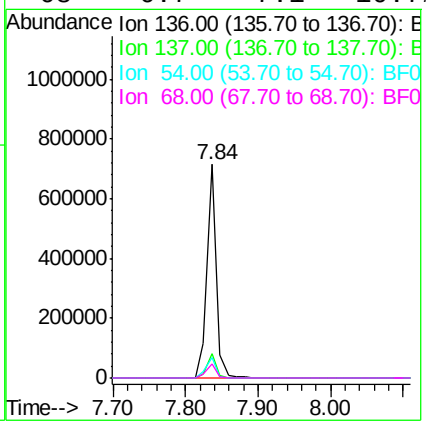
Instrument :
BNA_F
ClientSampleId :
MW-01

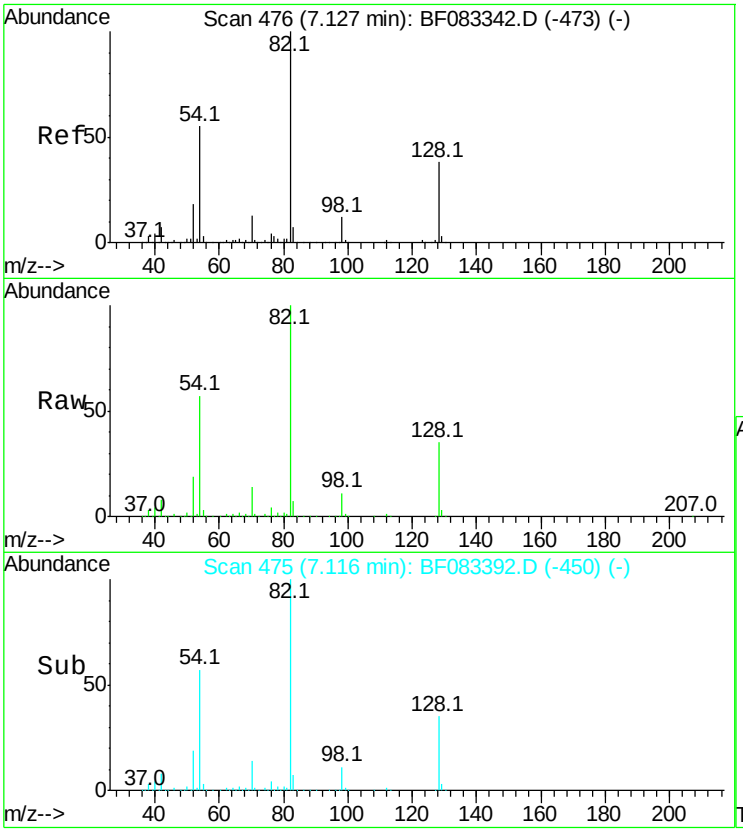


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:136 Resp: 642278

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.8	10.1	15.1#
68	6.7	7.1	10.7#



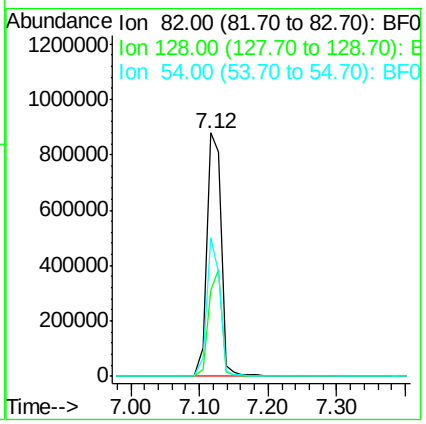


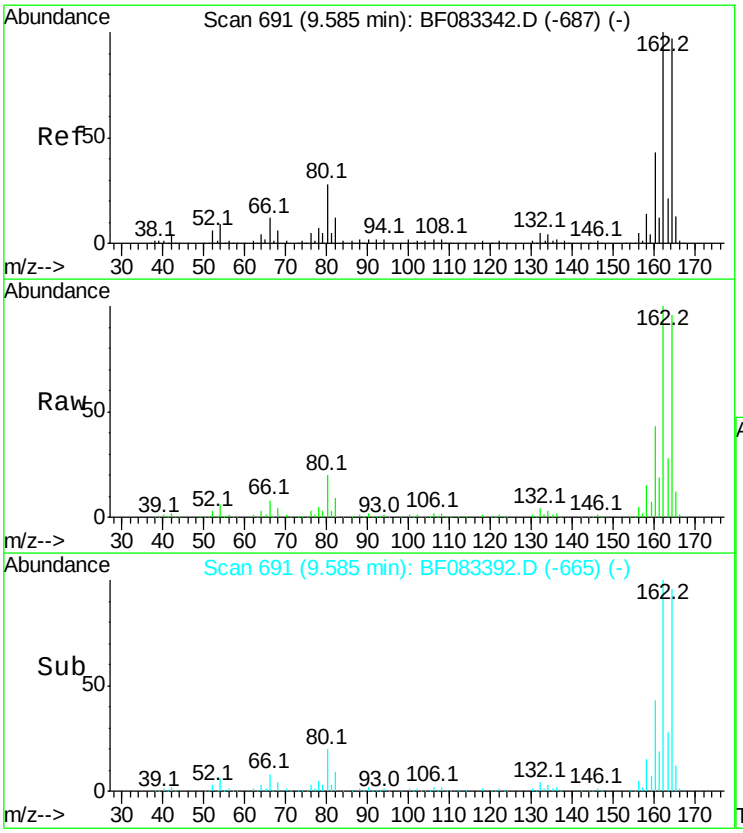
#23
Nitrobenzene-d5
Concen: 88.05 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 1286458

Ion	Ratio	Lower	Upper
82	100		
128	35.4	30.6	46.0
54	56.7	43.8	65.6

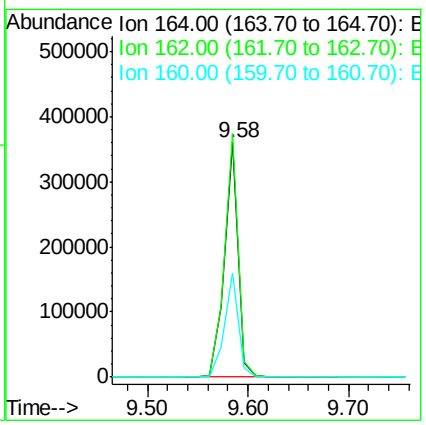


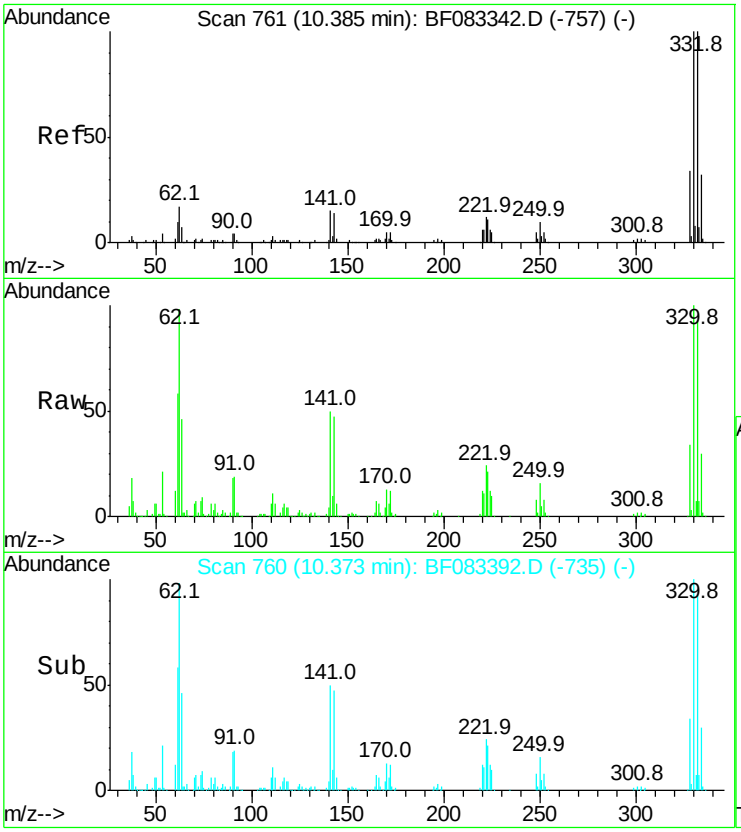


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:164 Resp: 340253

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.4	35.3	52.9



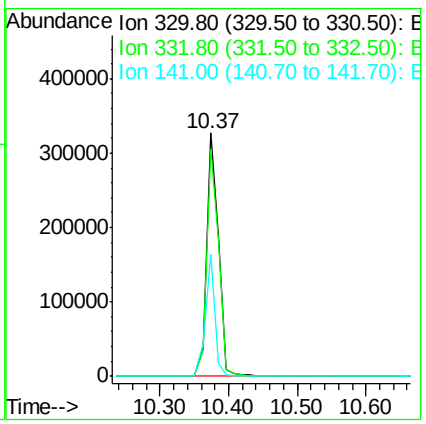


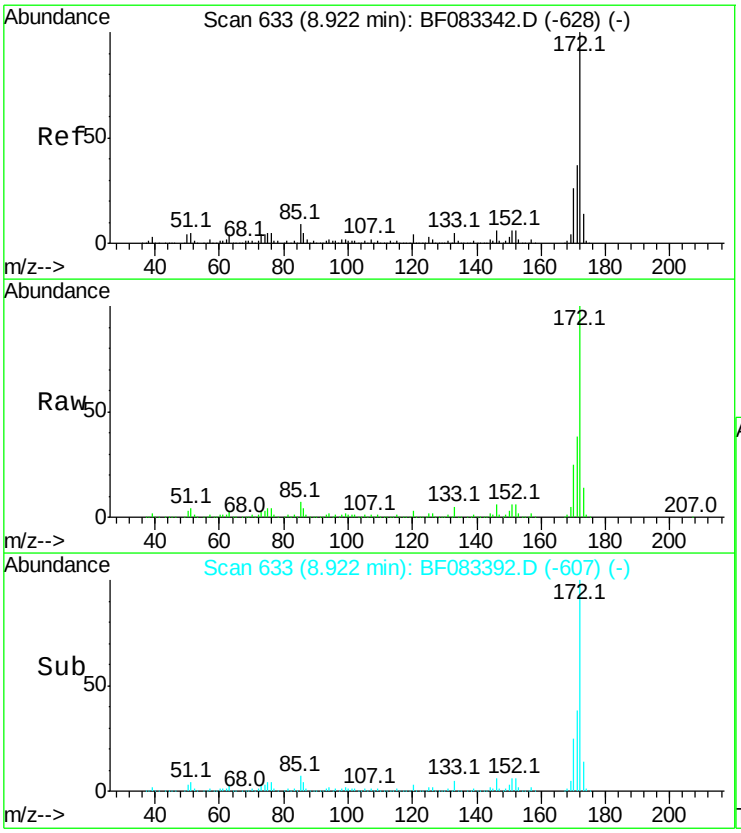
#41
2,4,6-Tribromophenol
Concen: 115.51 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 394529

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.8	116.6
141	40.1	29.4	44.0

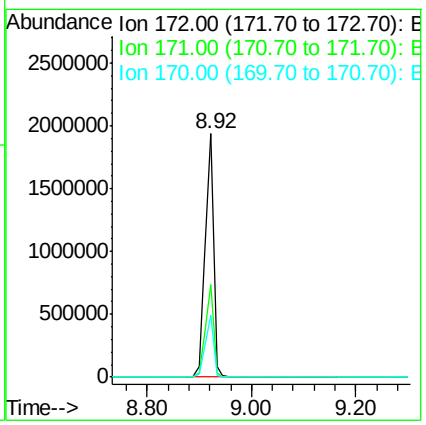


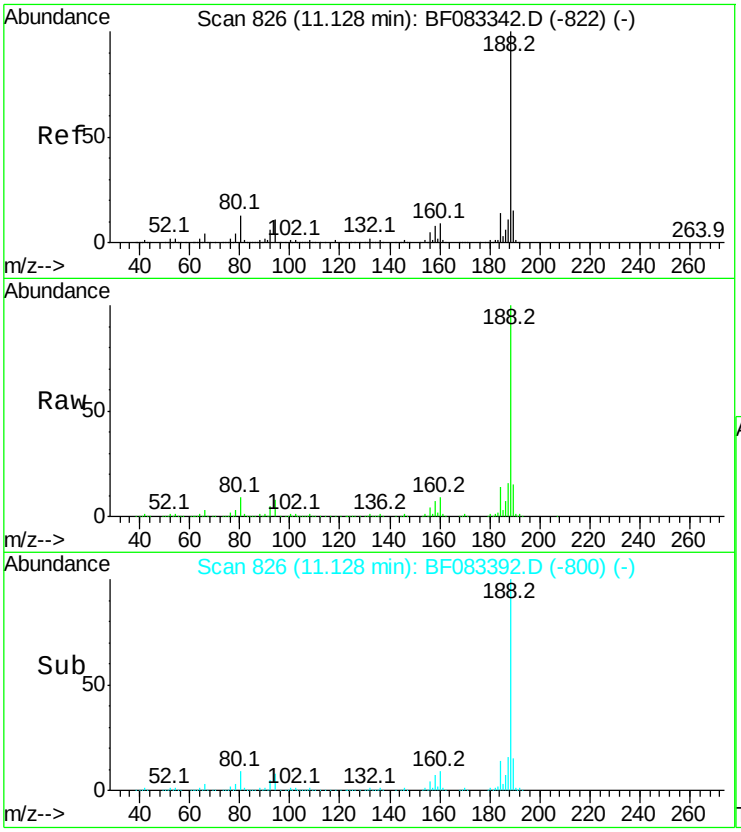


#44
2-Fluorobiphenyl
Concen: 88.73 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:172 Resp: 2118616

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.0
170	25.3	20.4	30.6



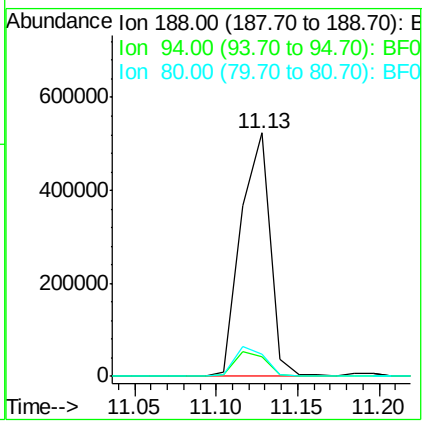


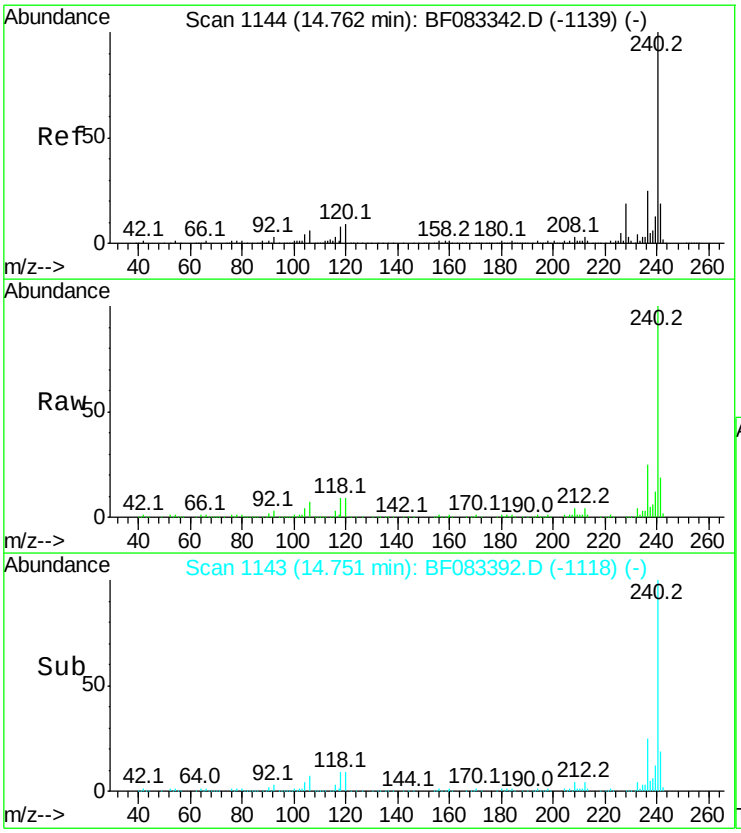
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 648431

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	9.0	10.3	15.5#

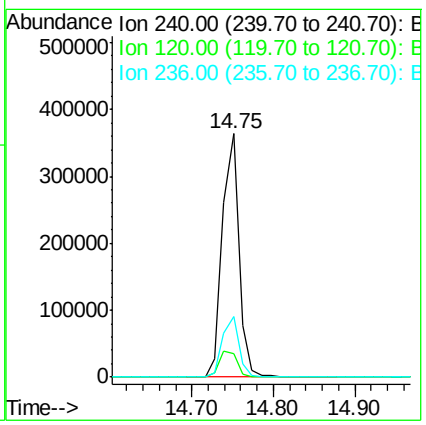


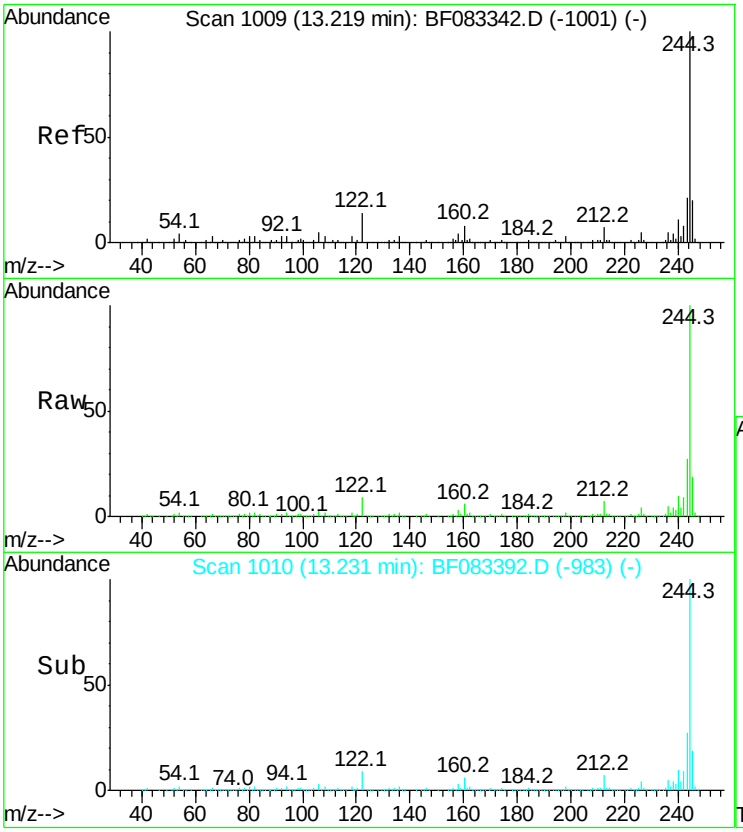


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:240 Resp: 514729

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.9	10.3
236	25.0	19.8	29.6



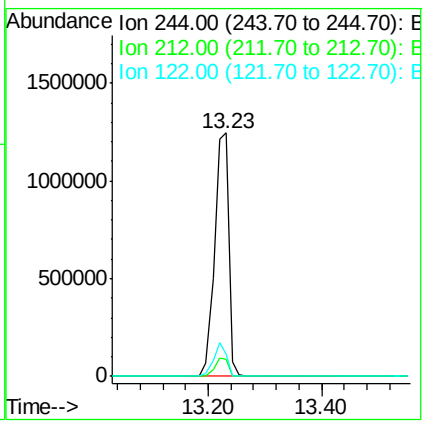


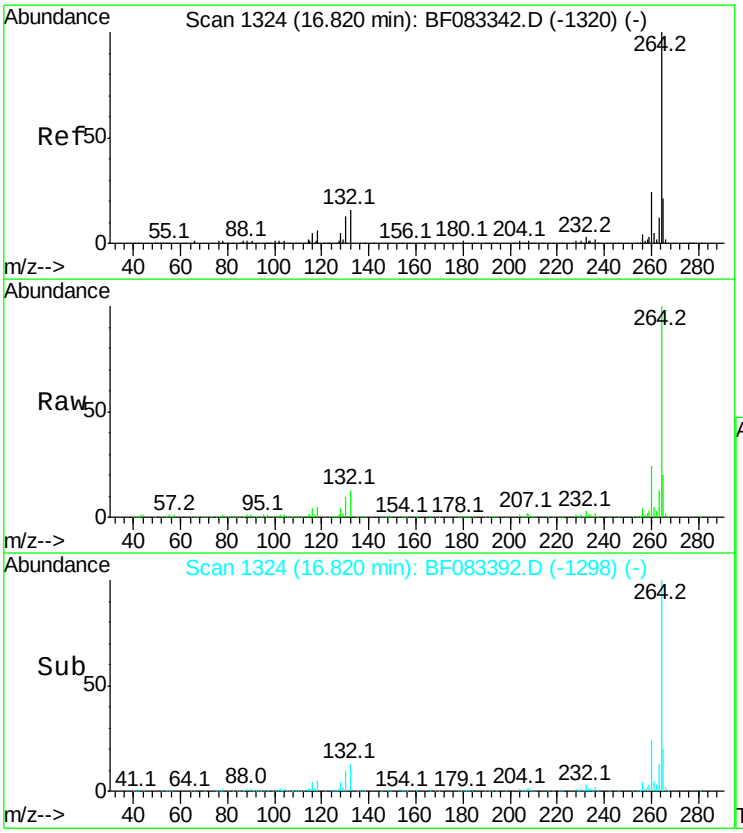
#78
Terphenyl-d14
Concen: 99.29 ng
RT: 13.23 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 2143006

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	8.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083392.D
Acq: 2 Dec 2015 1:01

Tgt Ion:264 Resp: 417468

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	20.5	16.8	25.2