Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083351.D
Acq On : 30 Nov 2015 23:41
Operator : UM/IZ
Sample : PB86921BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86921BL

Quant Time: Dec 01 02:15:32 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	170516	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	665227	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	351812	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	662031	20.00	ng	0.00
75) Chrysene-d12	14.75	240	646463	20.00	ng	-0.01
86) Perylene-d12	16.81	264	536906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	852728	75.04	ng	0.01
7) Phenol-d6	6.21	99	1183781	76.11	ng	-0.01
23) Nitrobenzene-d5	7.12	82	973597	64.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	235969	66.82	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1751993	70.97	ng	0.00
78) Terphenyl-d14	13.22	244	1785643	65.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.21	77	1348	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	129540	11.65	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	44563	7.30	ng	# 18
56) 2,4-Dinitrotoluene	9.58	165	44563	5.75	ng	# 6

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083351.D
Acq On : 30 Nov 2015 23:41
Operator : UM/IZ
Sample : PB86921BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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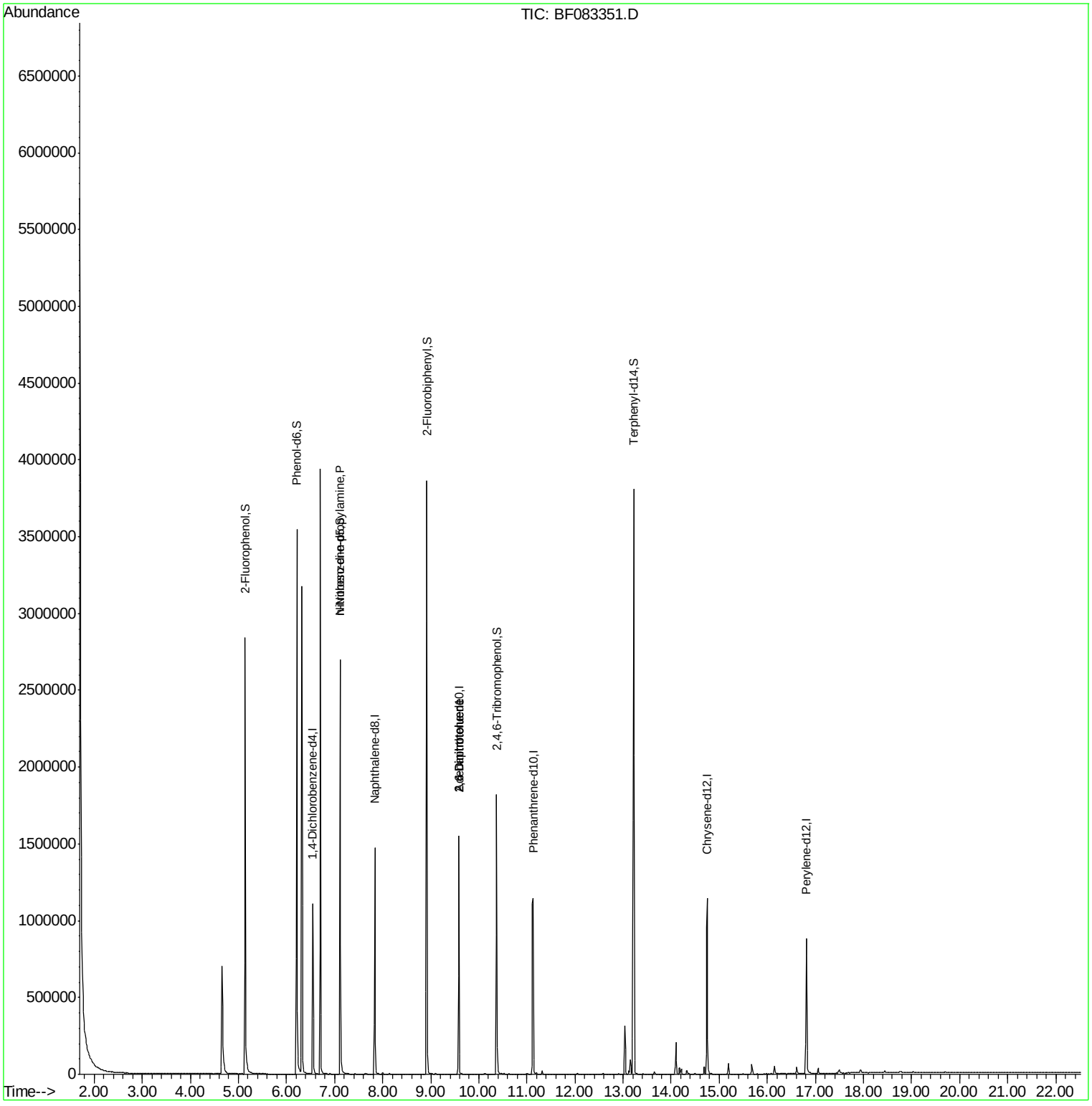
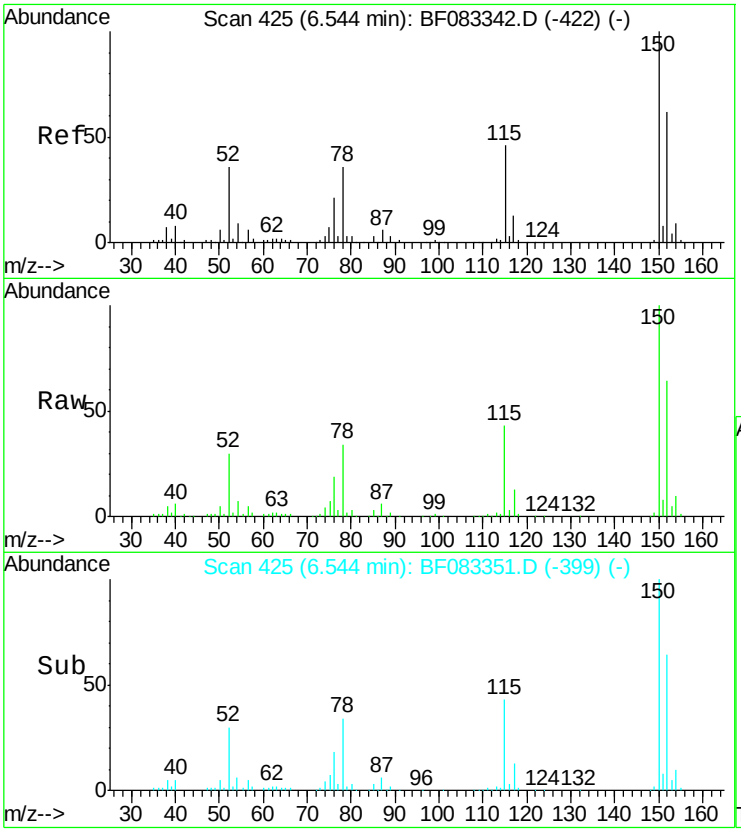


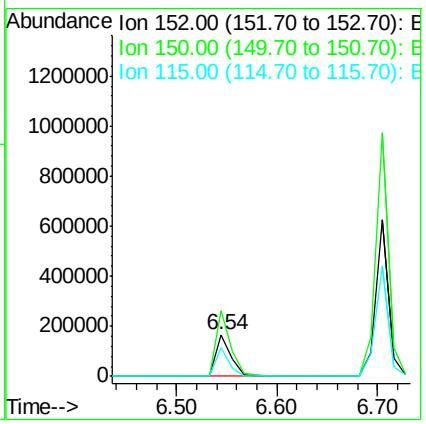


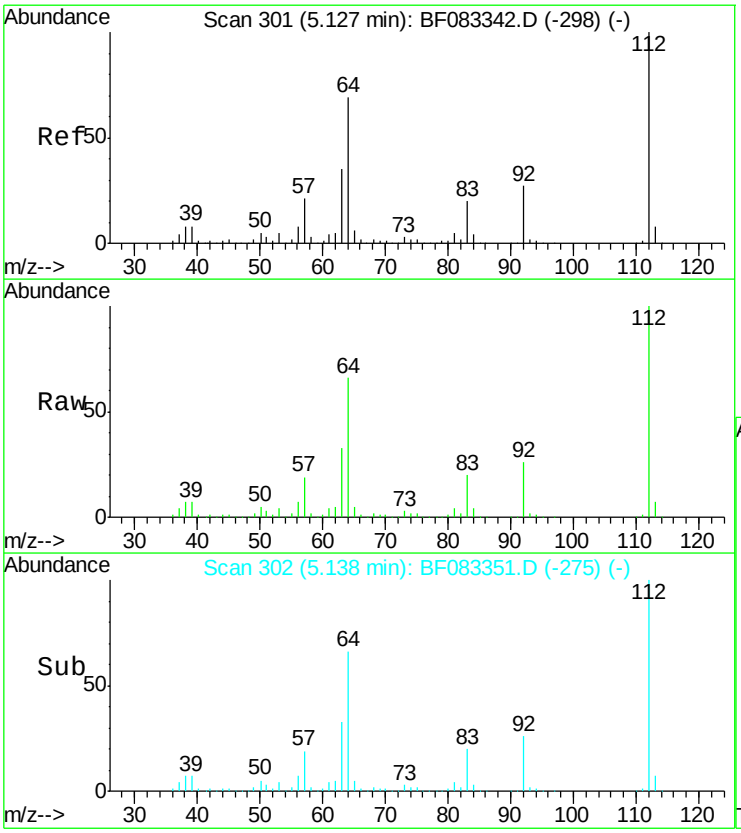
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:152 Resp: 170516

Ion	Ratio	Lower	Upper
152	100		
150	157.0	129.8	194.8
115	67.2	59.2	88.8

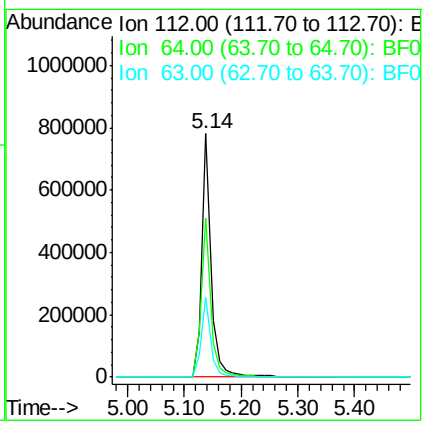


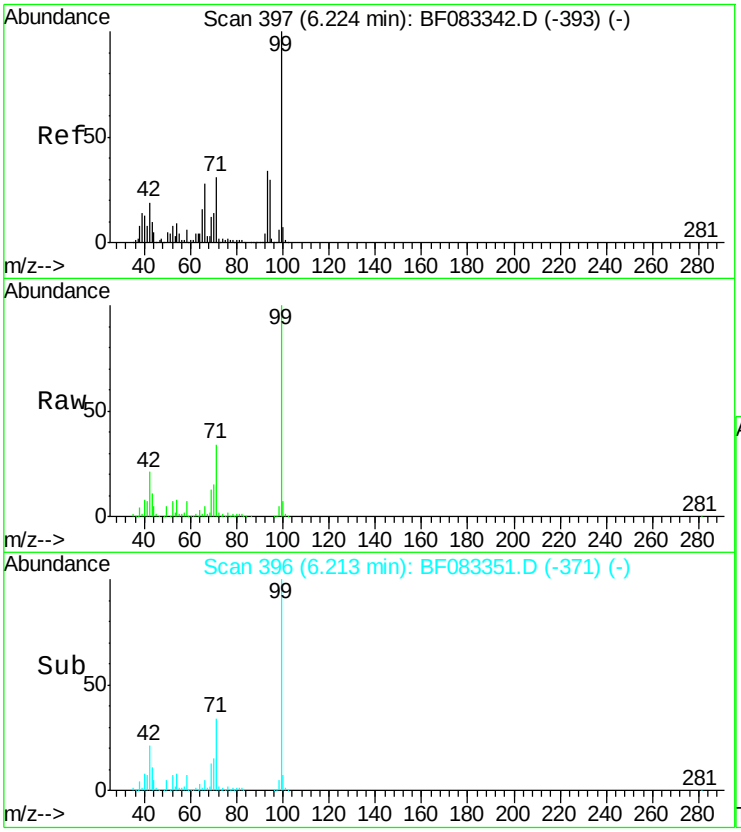


#5
2-Fluorophenol
Concen: 75.04 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:112 Resp: 852728

Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.6	83.4
63	32.9	28.2	42.2



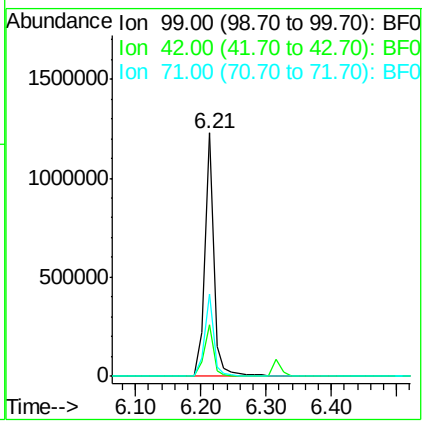


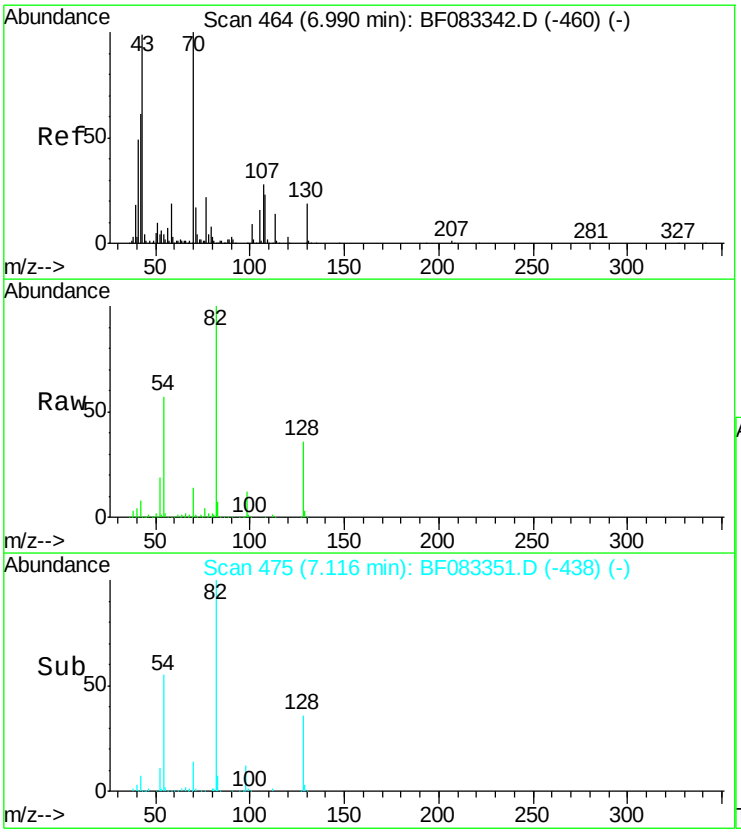
#7
Phenol-d6
Concen: 76.11 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion: 99 Resp: 1183781

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.9	22.3
71	33.9	24.7	37.1

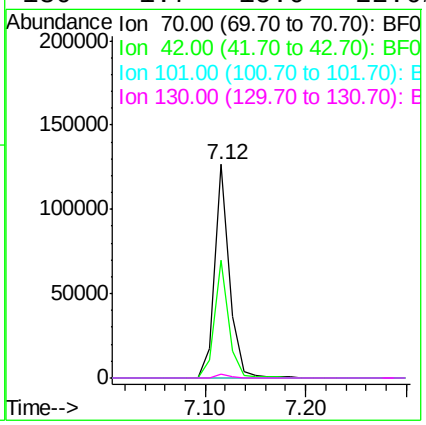


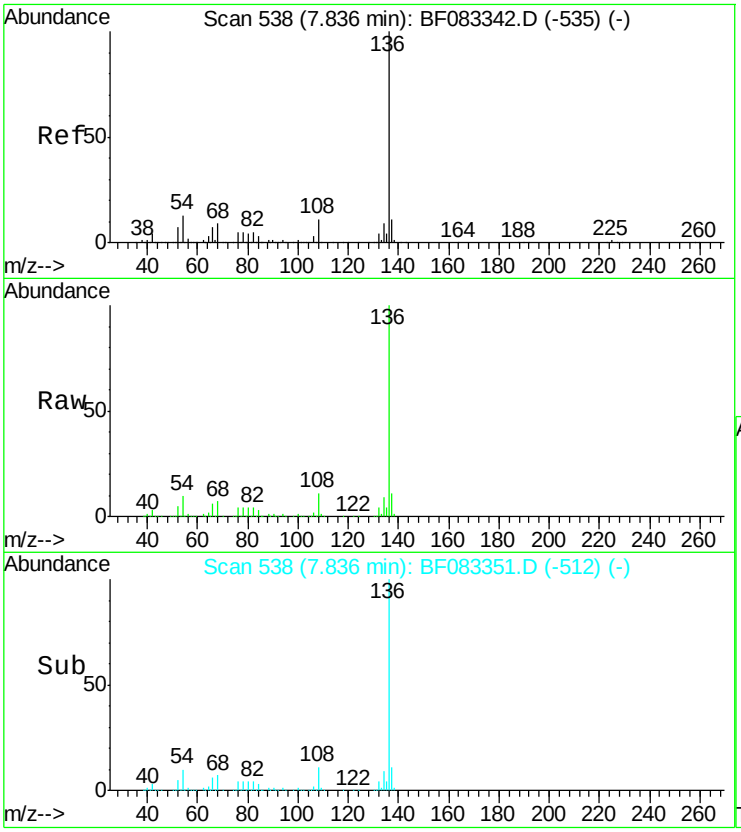


#19
n-Nitroso-di-n-propylamine
Concen: 11.65 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion: 70 Resp: 129540

Ion	Ratio	Lower	Upper
70	100		
42	55.1	48.8	73.2
101	0.0	7.1	10.7#
130	1.7	15.0	22.6#



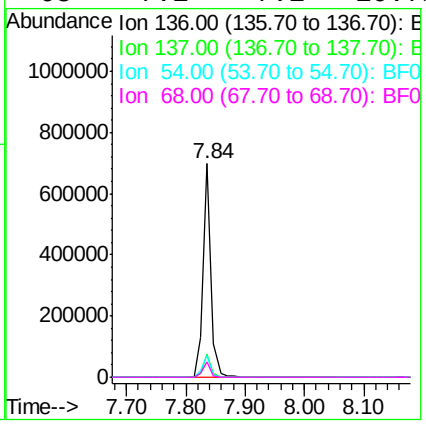


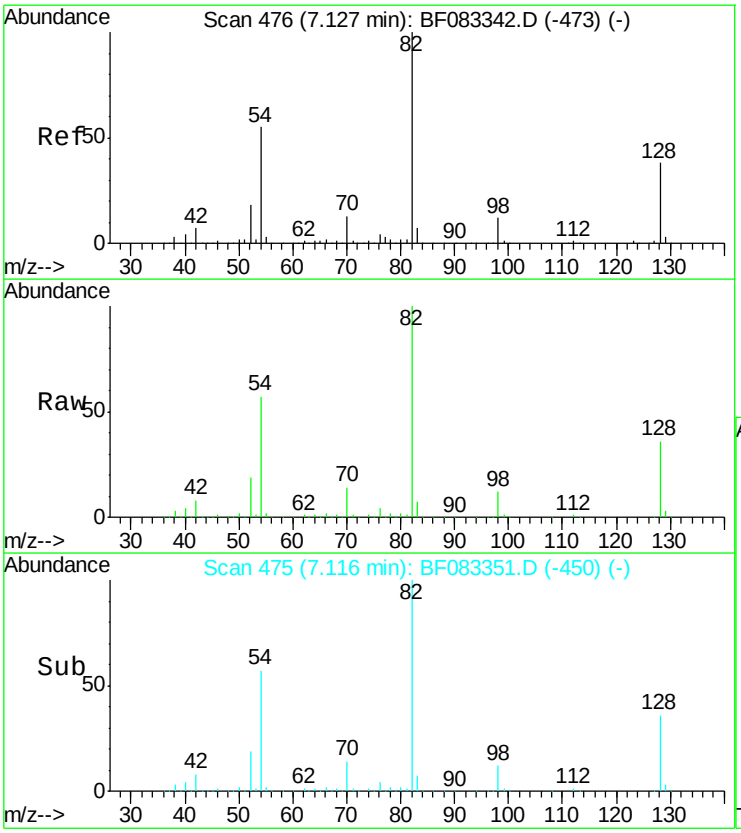
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:136 Resp: 665227

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.2	10.1	15.1
68	7.1	7.1	10.7#

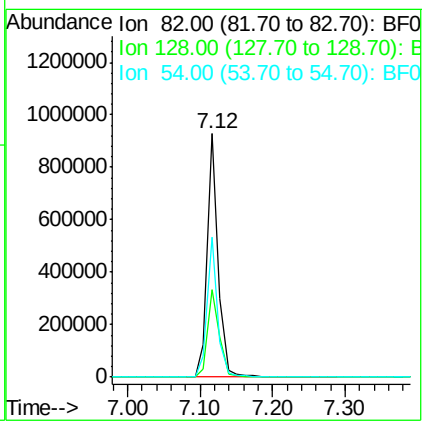


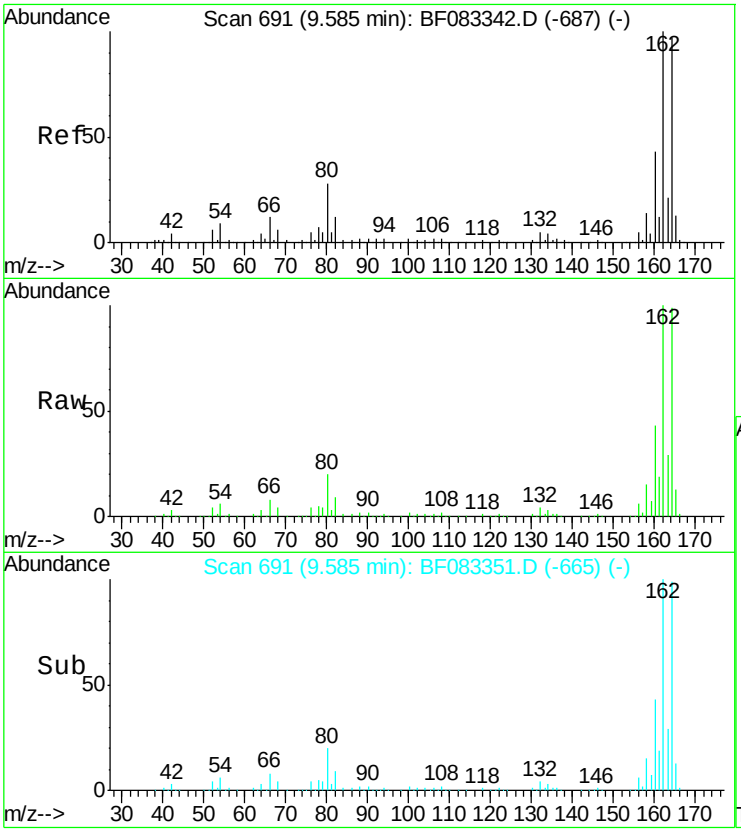


#23
Nitrobenzene-d5
Concen: 64.34 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion: 82 Resp: 973597

Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.6	46.0
54	57.2	43.8	65.6



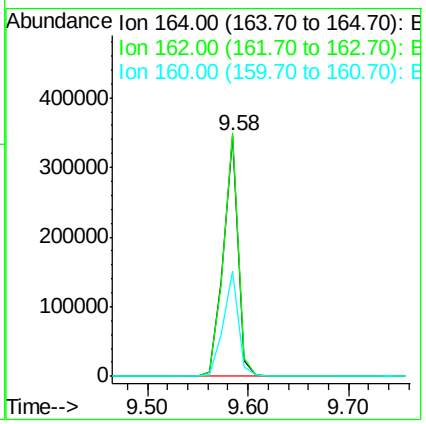


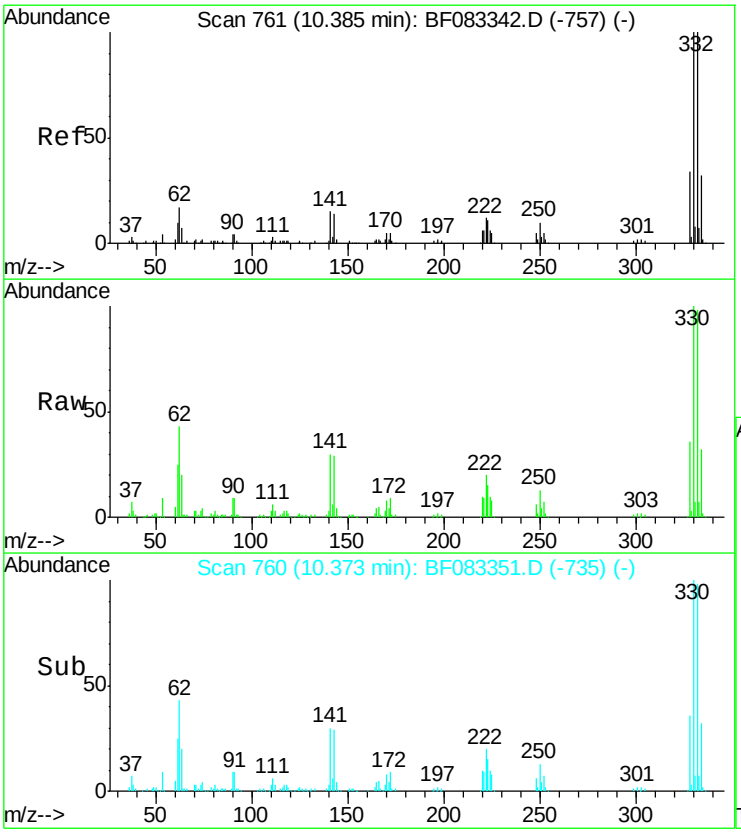
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:164 Resp: 351812

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	43.9	35.3	52.9

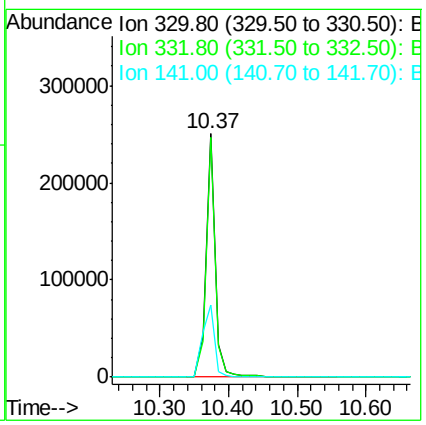


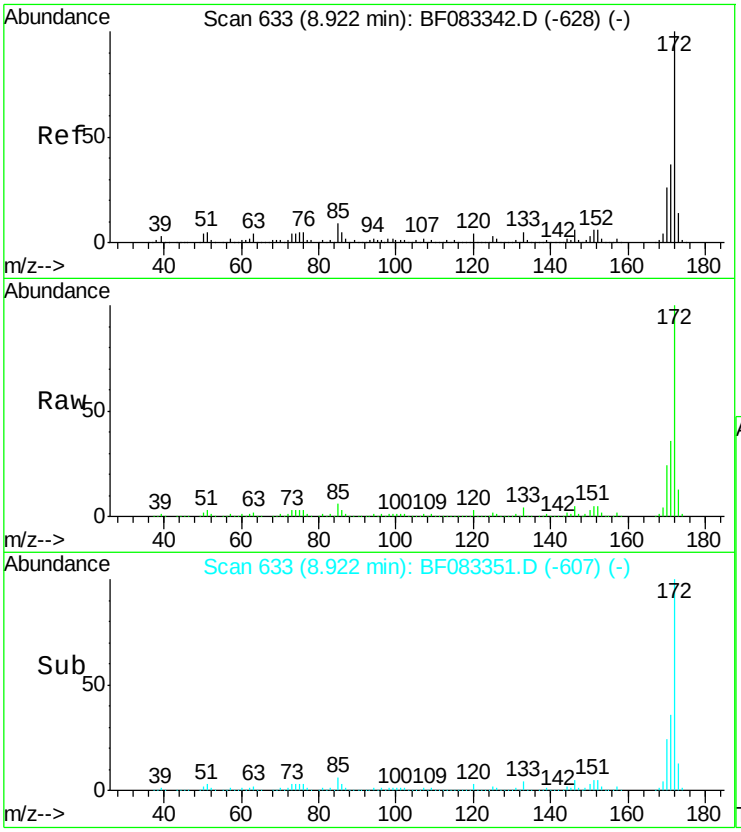


#41
2,4,6-Tribromophenol
Concen: 66.82 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:330 Resp: 235969

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	38.0	29.4	44.0



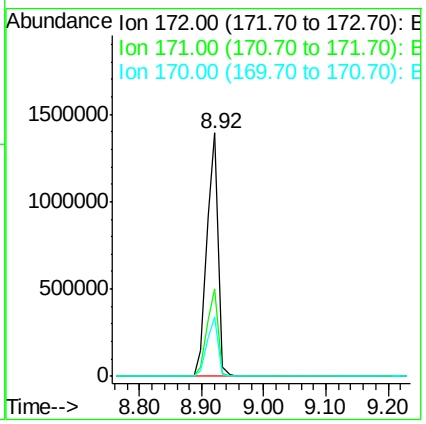


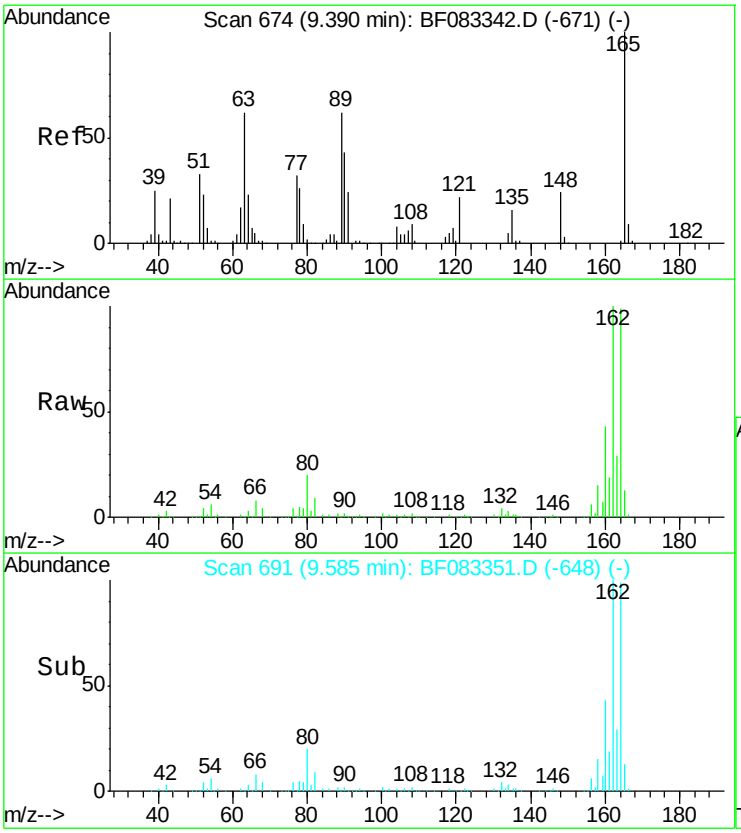
#44
2-Fluorobiphenyl
Concen: 70.97 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:172 Resp: 1751993

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	20.4	30.6

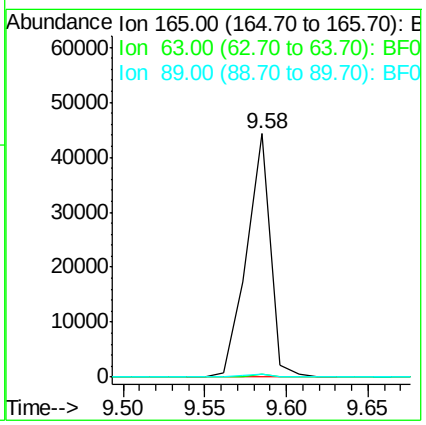


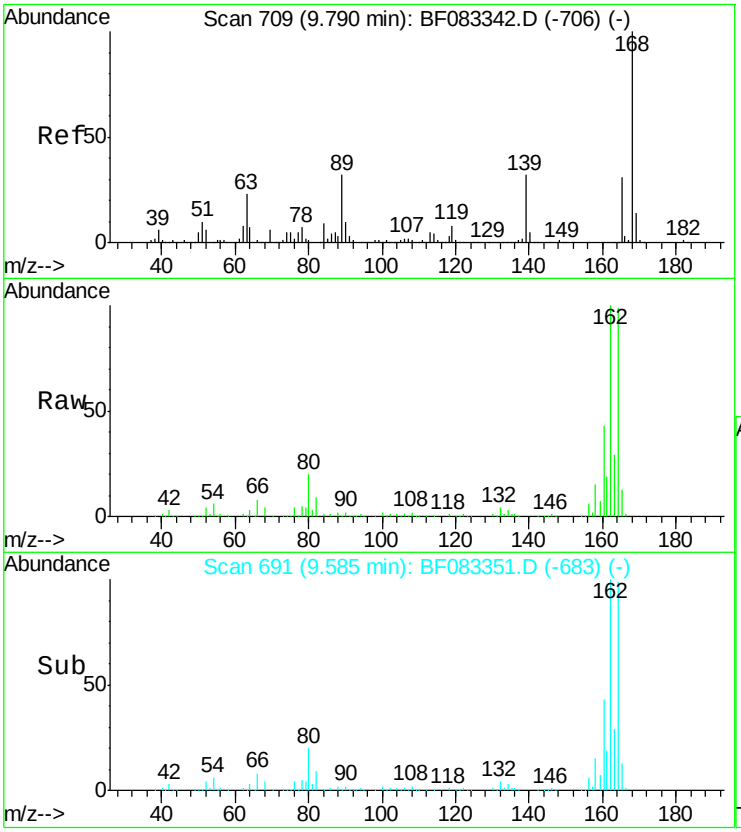


#50
2,6-Dinitrotoluene
Concen: 7.30 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.19 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:165 Resp: 44563

Ion	Ratio	Lower	Upper
165	100		
63	1.5	56.0	84.0#
89	1.0	49.8	74.8#



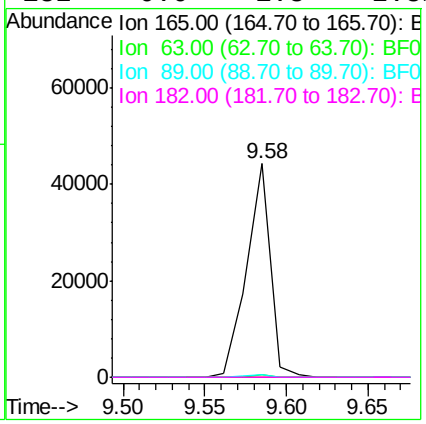


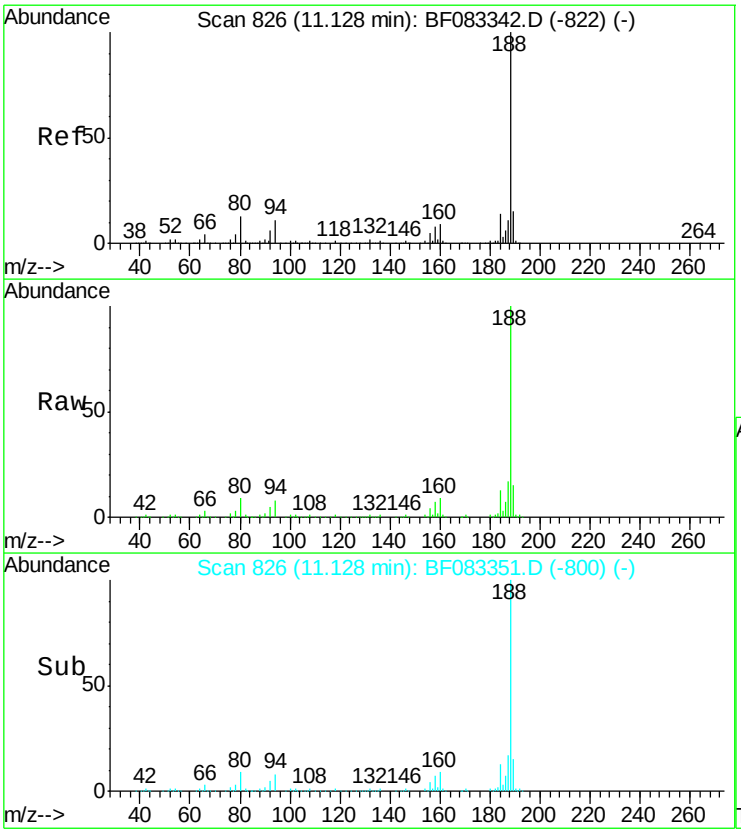
#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:165 Resp: 44563

Ion	Ratio	Lower	Upper
165	100		
63	1.5	65.4	98.0#
89	1.0	81.2	121.8#
182	0.0	1.8	2.8#

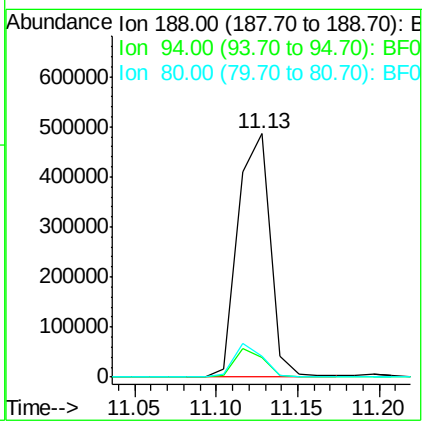


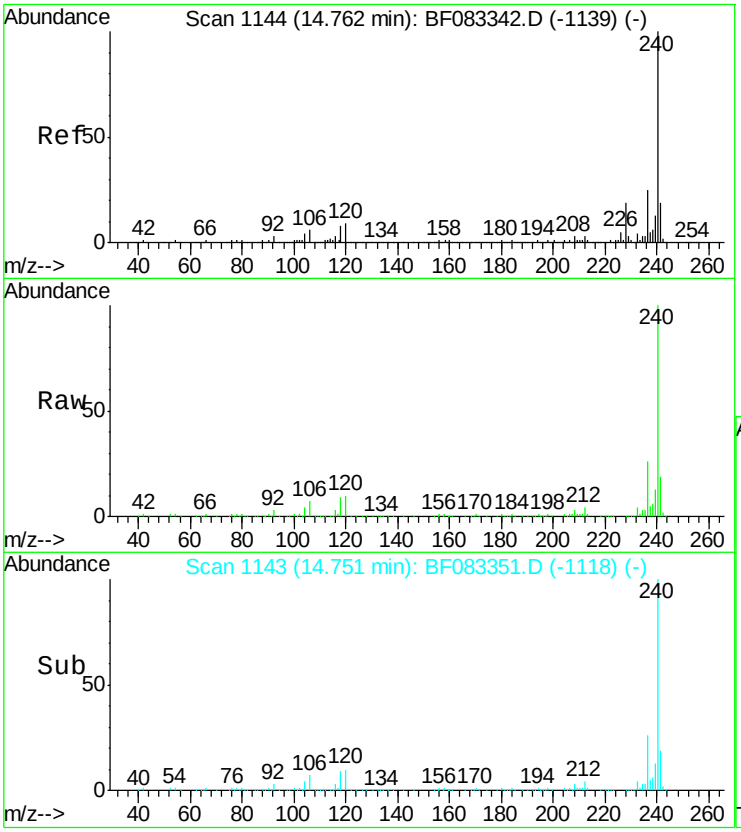


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:188 Resp: 662031

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	8.7	10.3	15.5#



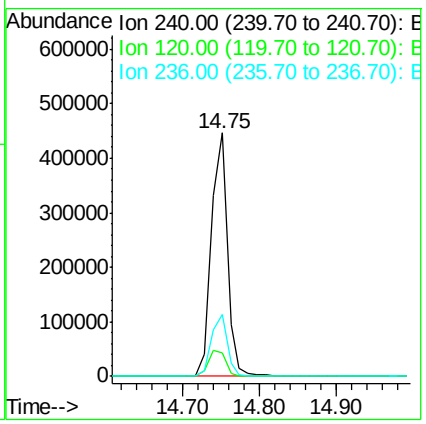


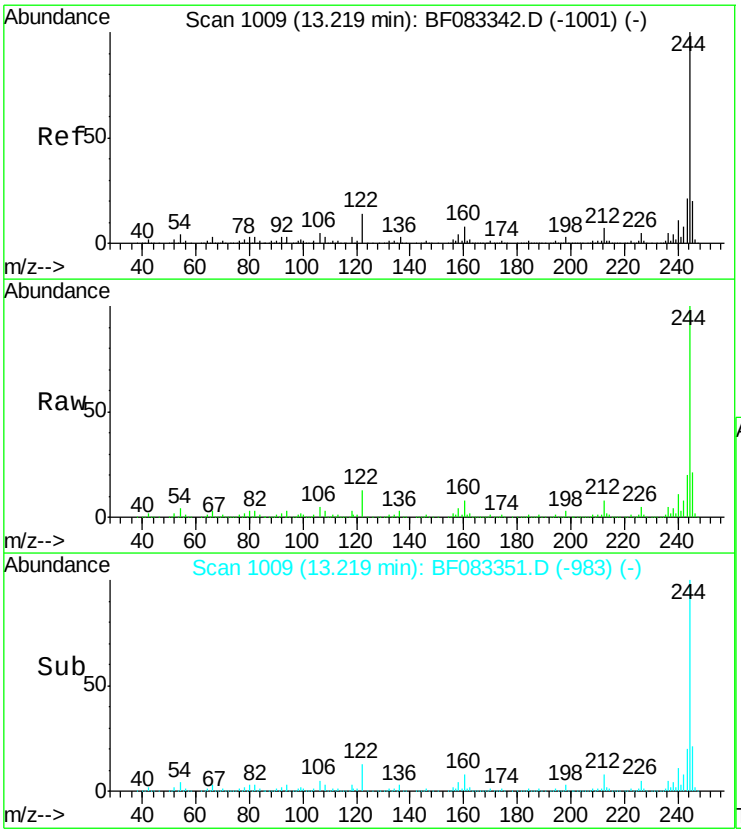
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:240 Resp: 646463

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.9	10.3
236	25.6	19.8	29.6

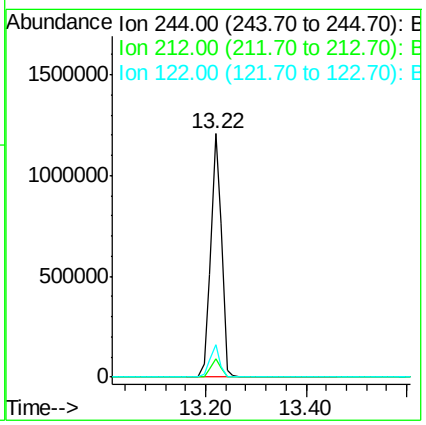


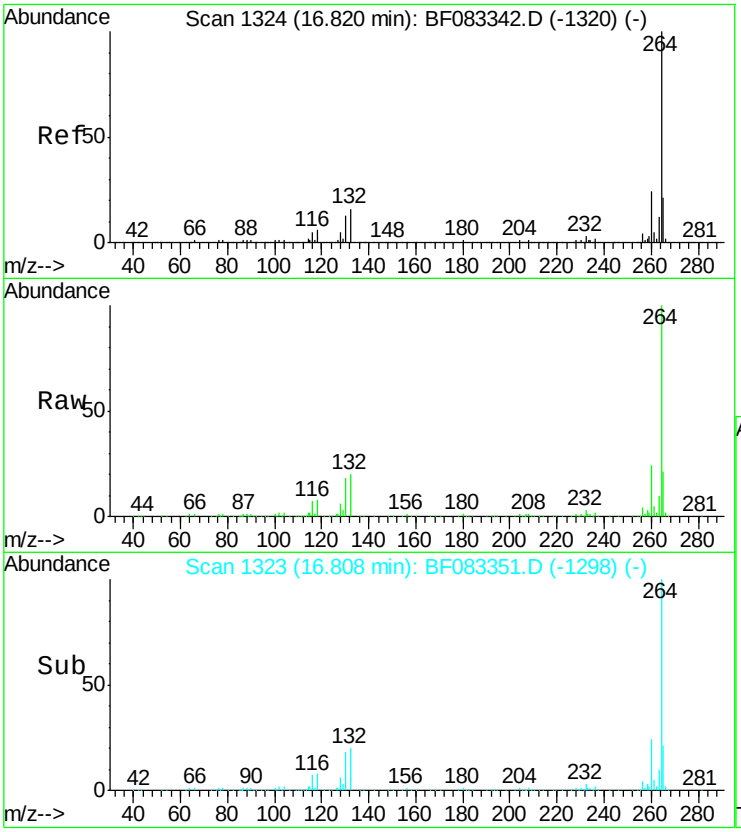


#78
Terphenyl-d14
Concen: 65.87 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Tgt Ion:244 Resp: 1785643

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083351.D
Acq: 30 Nov 2015 23:41

Instrument :
BNA_F
ClientSampleId :
PB86921BL

Tgt Ion:264 Resp: 536906

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.2	16.8	25.2