Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083369.D
Acq On : 1 Dec 2015 8:49
Operator : UM/IZ
Sample : G4538-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-21

Quant Time: Dec 01 10:39:05 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	179405	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	675473	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	341829	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	673885	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	590612	20.00	ng	-0.01
86) Perylene-d12	16.81	264	399552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	715162	59.82	ng	0.00
7) Phenol-d6	6.21	99	595762	36.41	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1299301	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	411589	119.95	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2092677	87.24	ng	0.00
78) Terphenyl-d14	13.22	244	2075017	83.79	ng	0.00
Target Compounds						Qvalue

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

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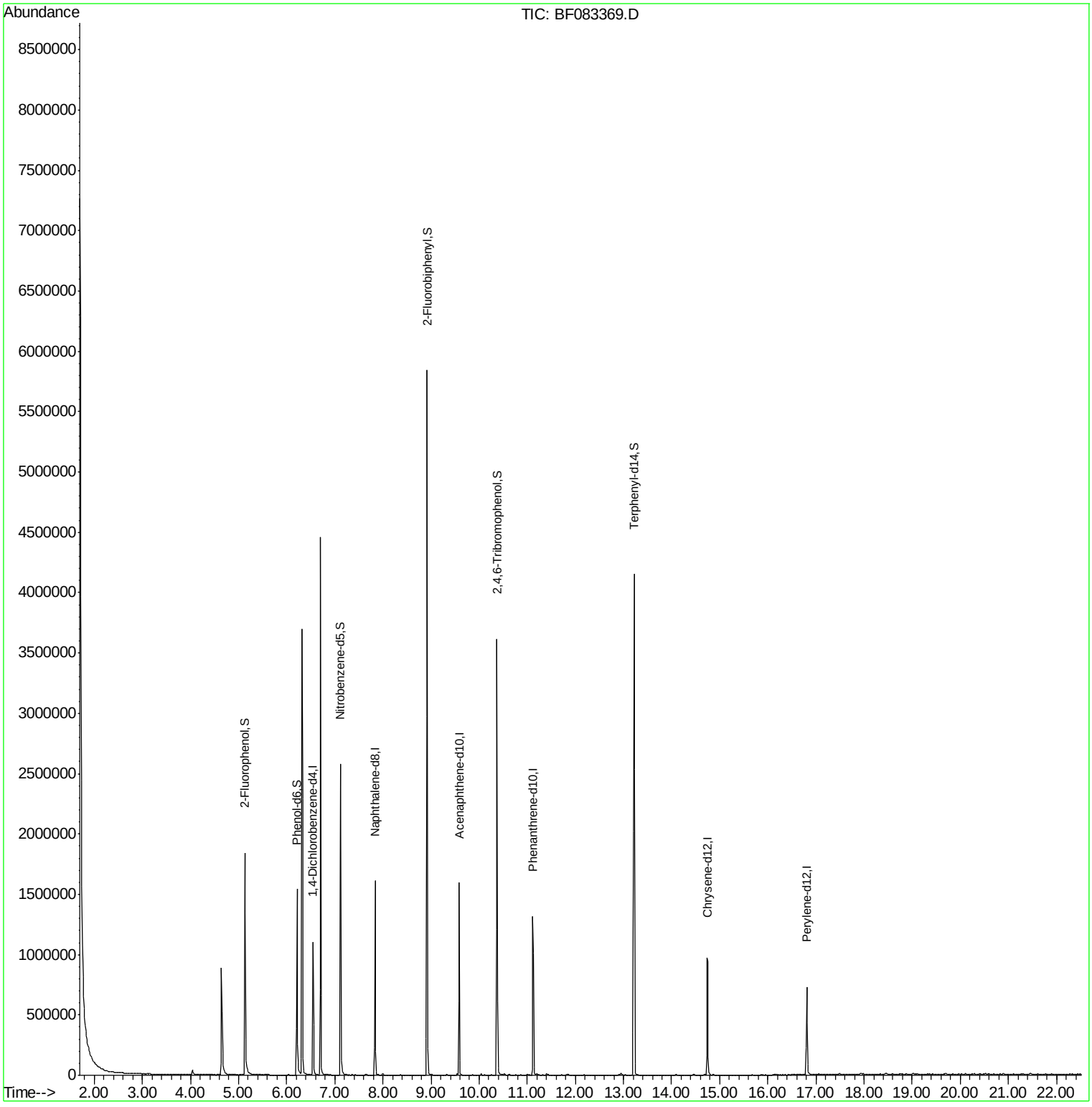
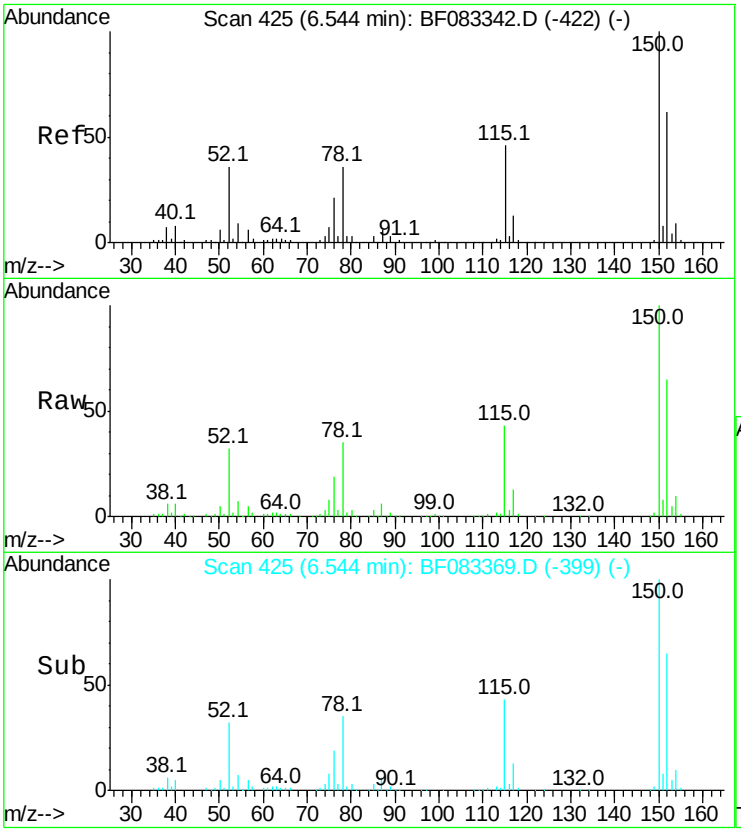


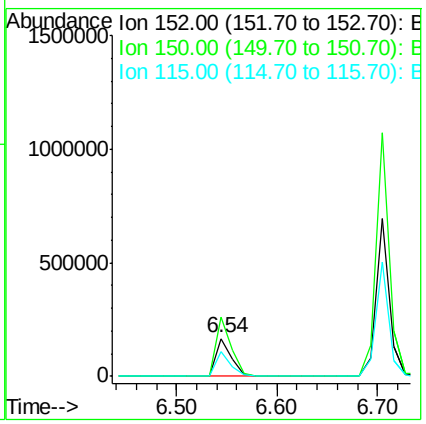


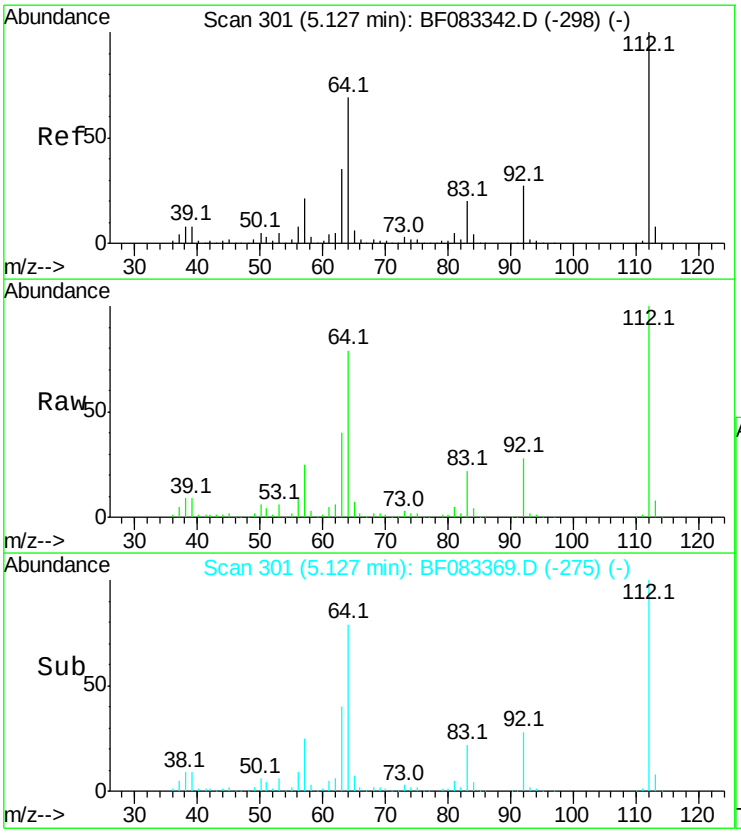
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:152 Resp: 179405

Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.8	194.8
115	66.9	59.2	88.8

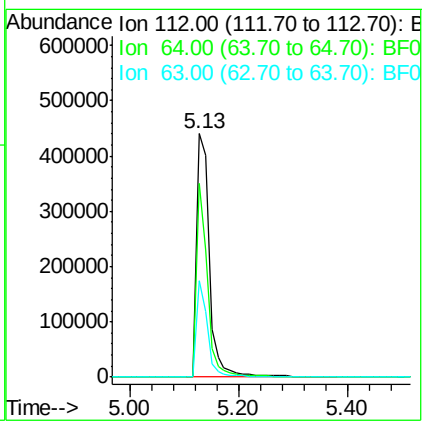


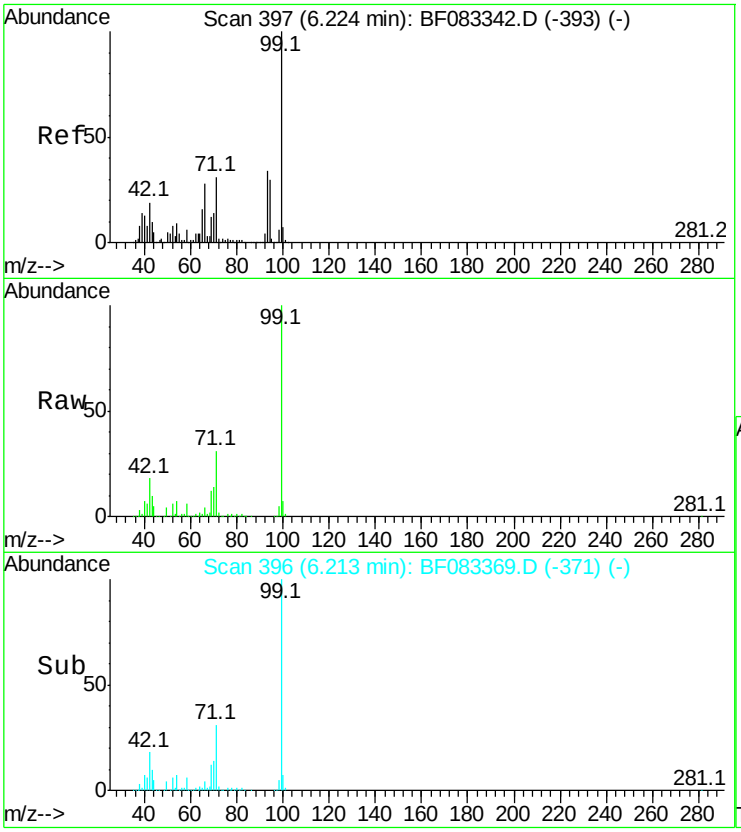


#5
2-Fluorophenol
Concen: 59.82 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:112 Resp: 715162

Ion	Ratio	Lower	Upper
112	100		
64	79.3	55.6	83.4
63	39.7	28.2	42.2

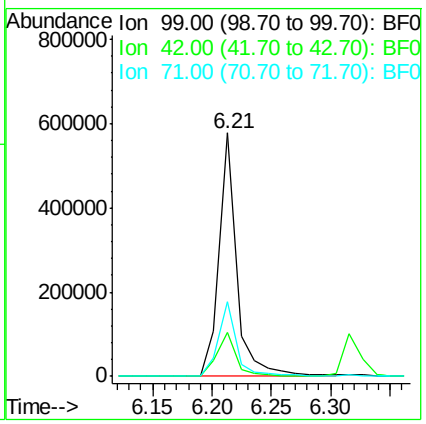




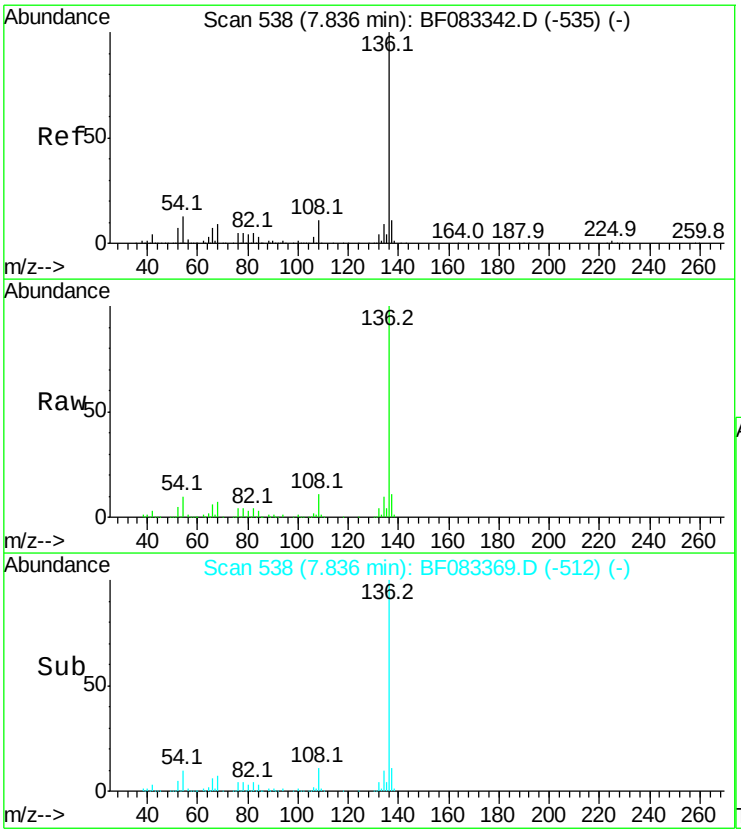
#7
Phenol-d6
Concen: 36.41 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion: 99 Resp: 595762

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	30.5	24.7	37.1



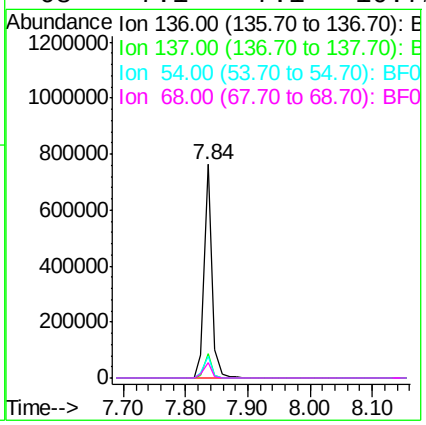
Instrument :
BNA_F
ClientSampleId :
W-21

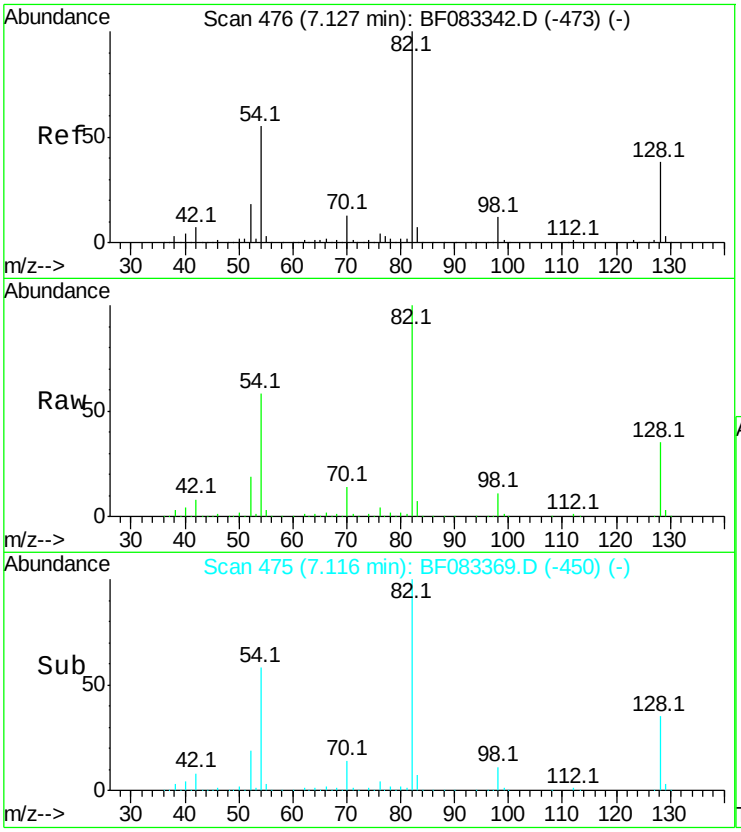


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:136 Resp: 675473

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.0	10.1	15.1#
68	7.1	7.1	10.7#



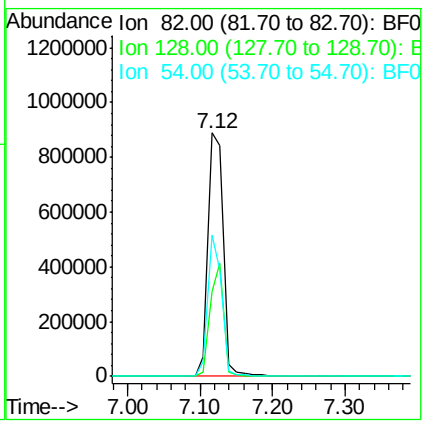


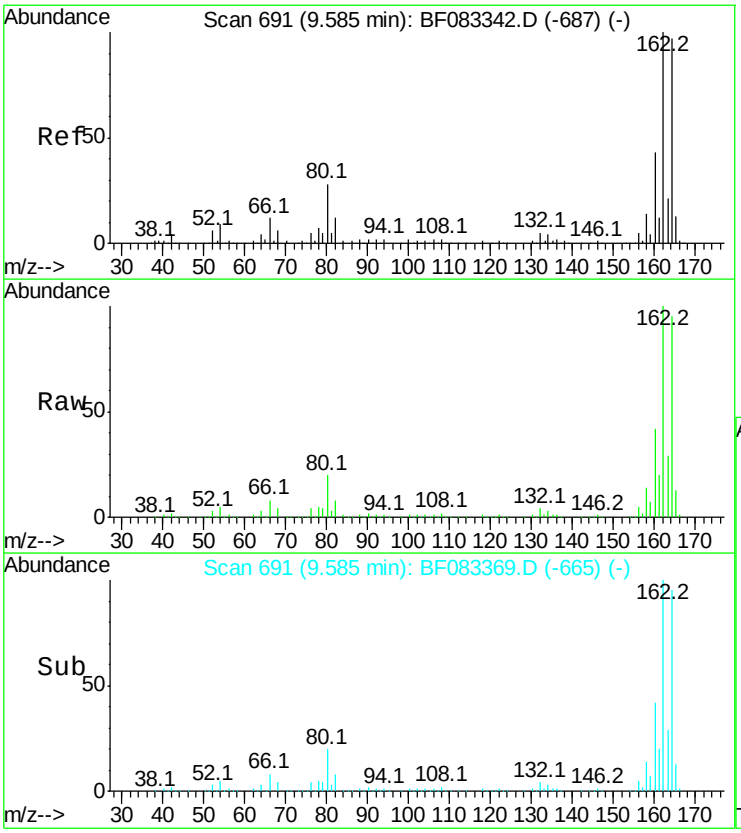
#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion: 82 Resp: 1299301

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.6	46.0
54	58.1	43.8	65.6

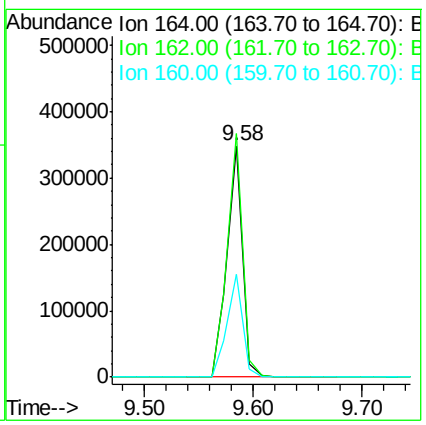


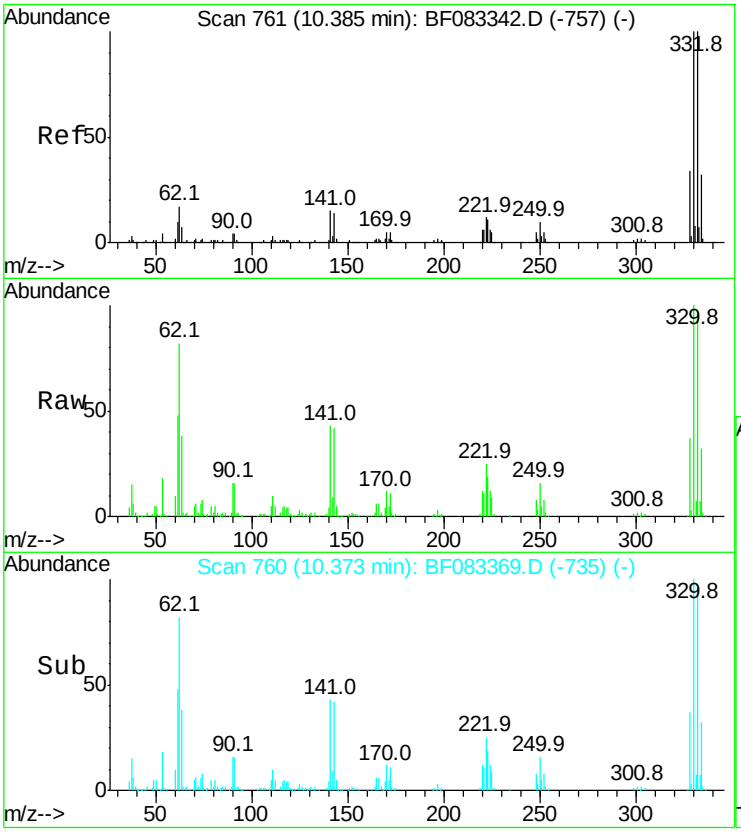


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:164 Resp: 341829

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.4	35.3	52.9



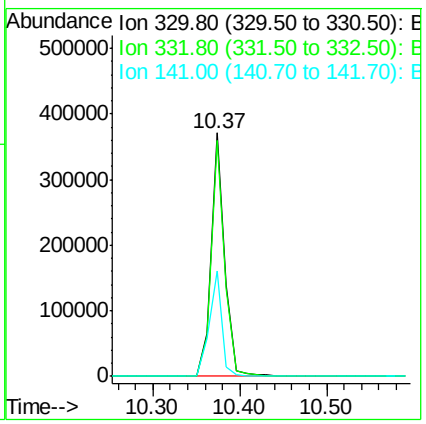


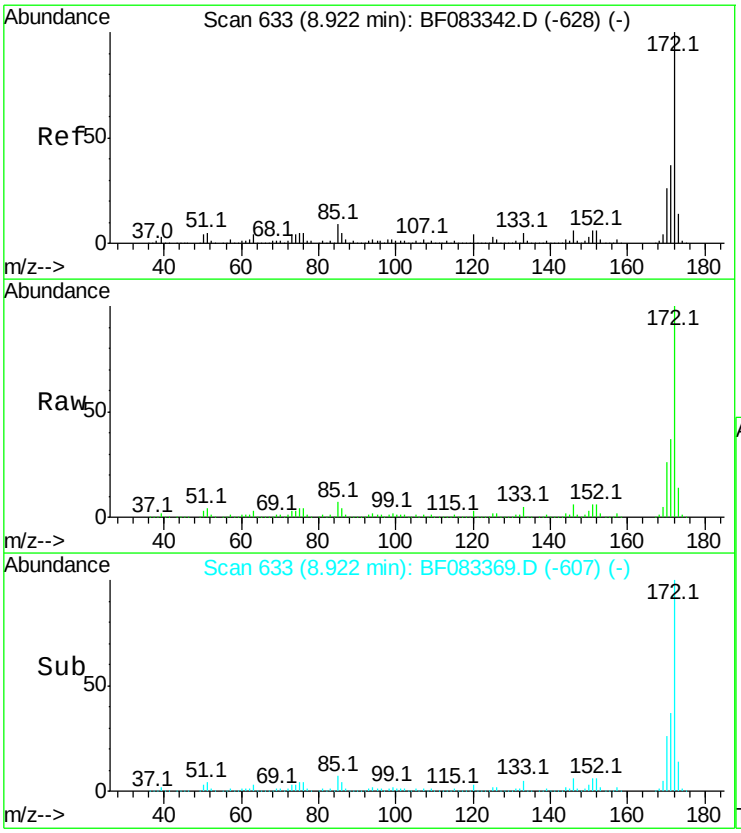
#41
2,4,6-Tribromophenol
Concen: 119.95 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:330 Resp: 411589

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	39.8	29.4	44.0

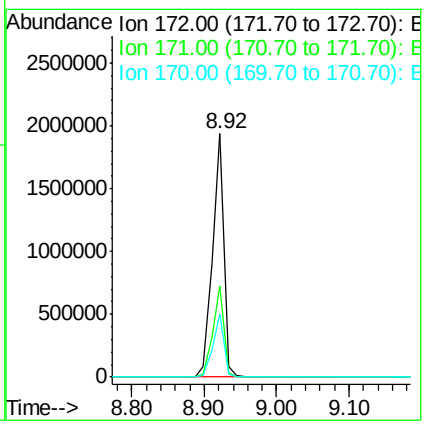


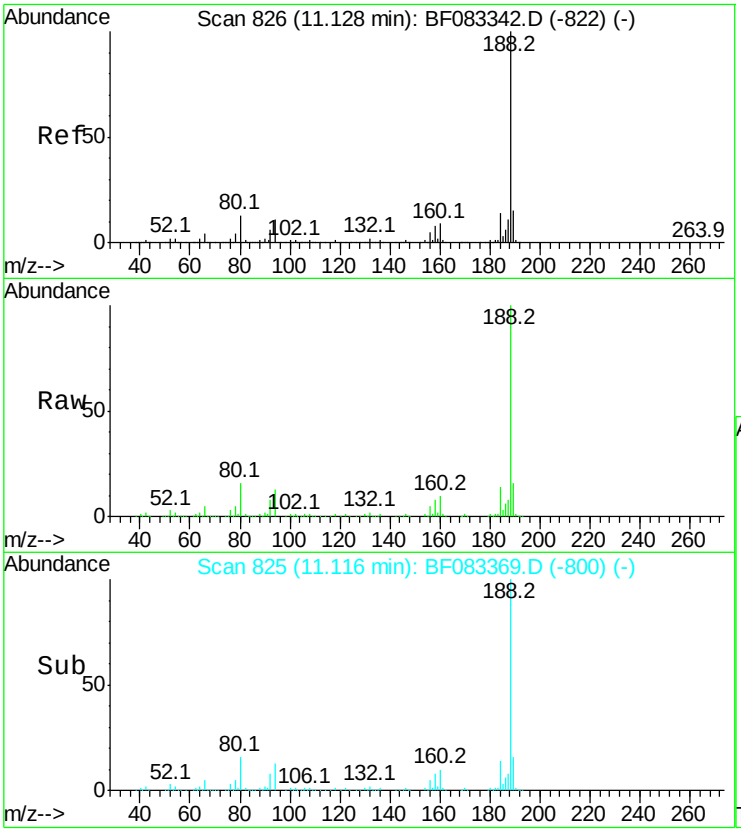


#44
2-Fluorobiphenyl
Concen: 87.24 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:172 Resp: 2092677

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.7	20.4	30.6



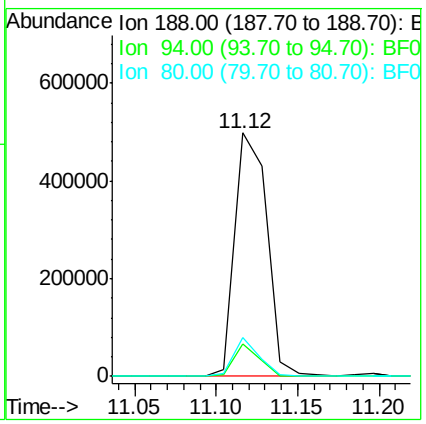


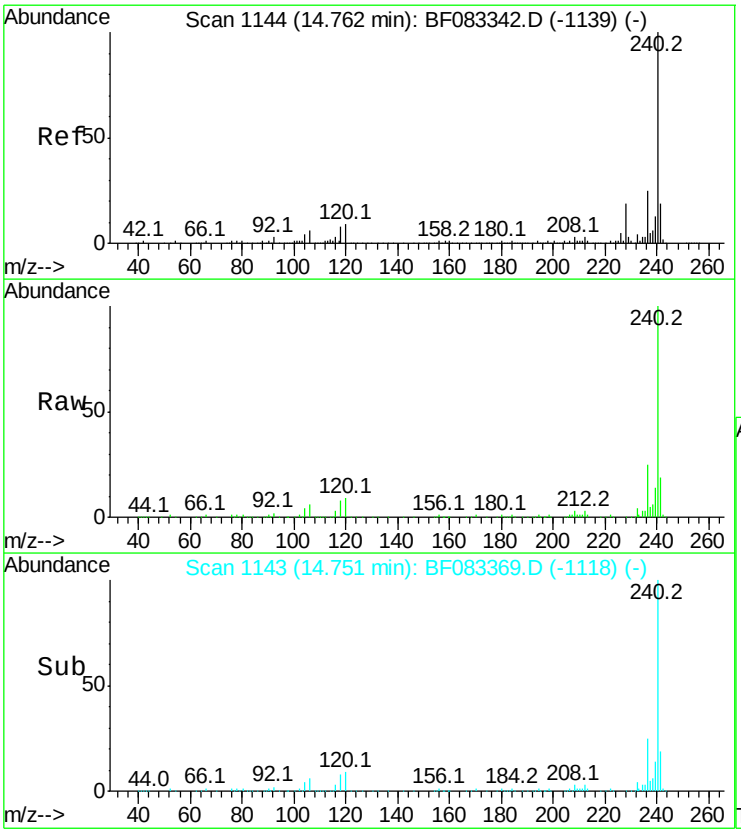
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:188 Resp: 673885

Ion	Ratio	Lower	Upper
188	100		
94	13.4	8.7	13.1#
80	16.0	10.3	15.5#

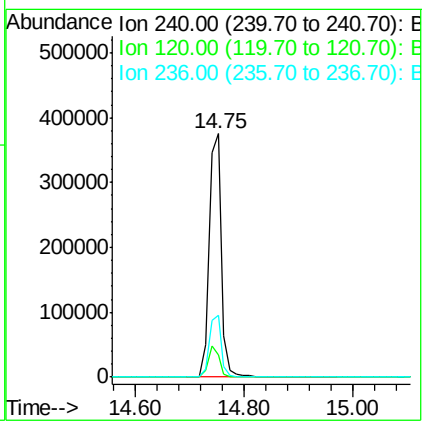


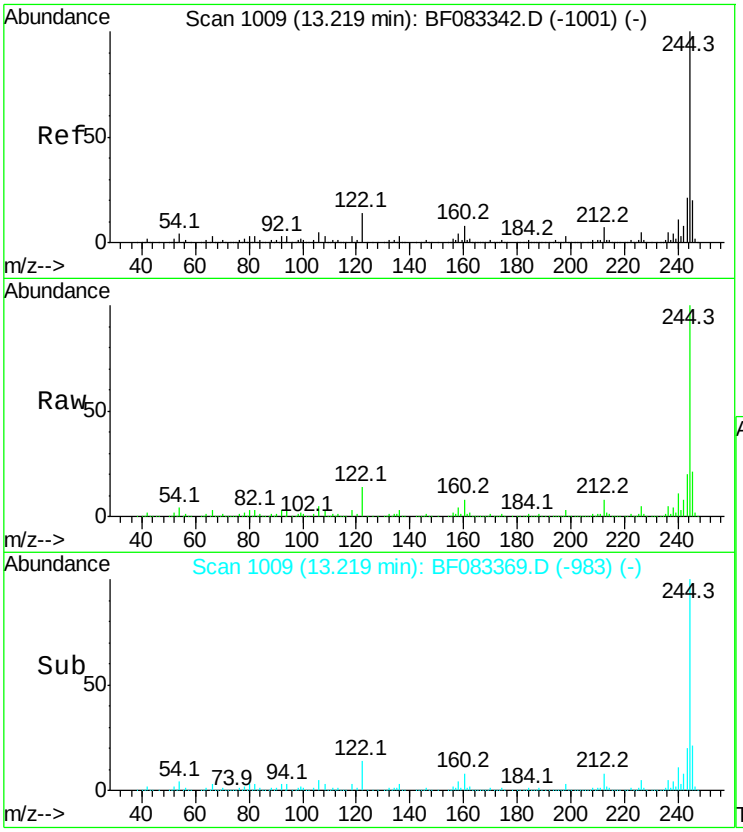


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:240 Resp: 590612

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.3	19.8	29.6



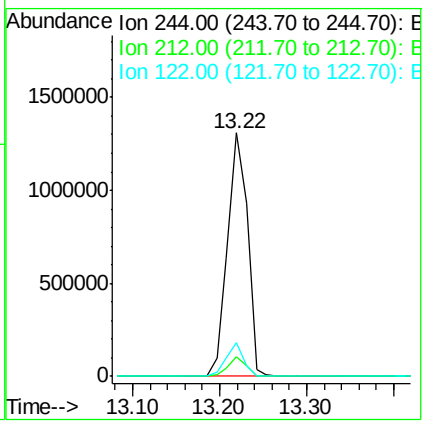


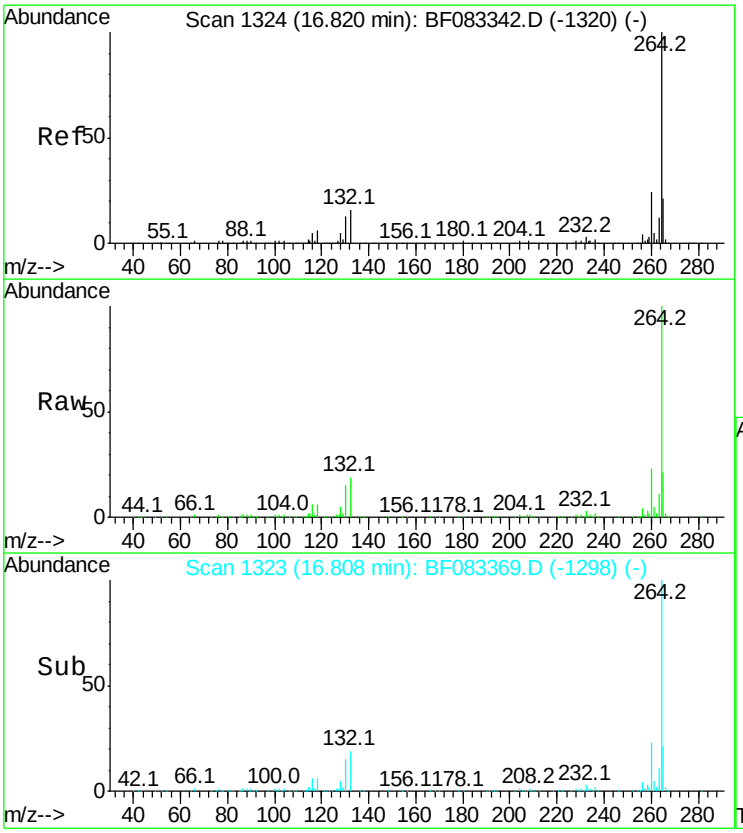
#78
Terphenyl-d14
Concen: 83.79 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083369.D
Acq: 1 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:244 Resp: 2075017

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	13.8	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: BF083369.D
Acq: 1 Dec 2015 8:49

Tgt Ion:264 Resp: 399552

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.2	16.8	25.2