Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083396.D
Acq On : 2 Dec 2015 3:04
Operator : UM/IZ
Sample : G4587-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Time: Dec 02 04:38:35 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	163070	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641477	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	325331	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	607377	20.00	ng	0.00
75) Chrysene-d12	14.75	240	461026	20.00	ng	-0.01
86) Perylene-d12	16.81	264	376999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	685164	63.05	ng	0.00
7) Phenol-d6	6.21	99	601871	40.46	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1191715	81.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	373983	114.51	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2031262	88.98	ng	0.00
78) Terphenyl-d14	13.22	244	1966802	101.74	ng	0.00
Target Compounds						Qvalue

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

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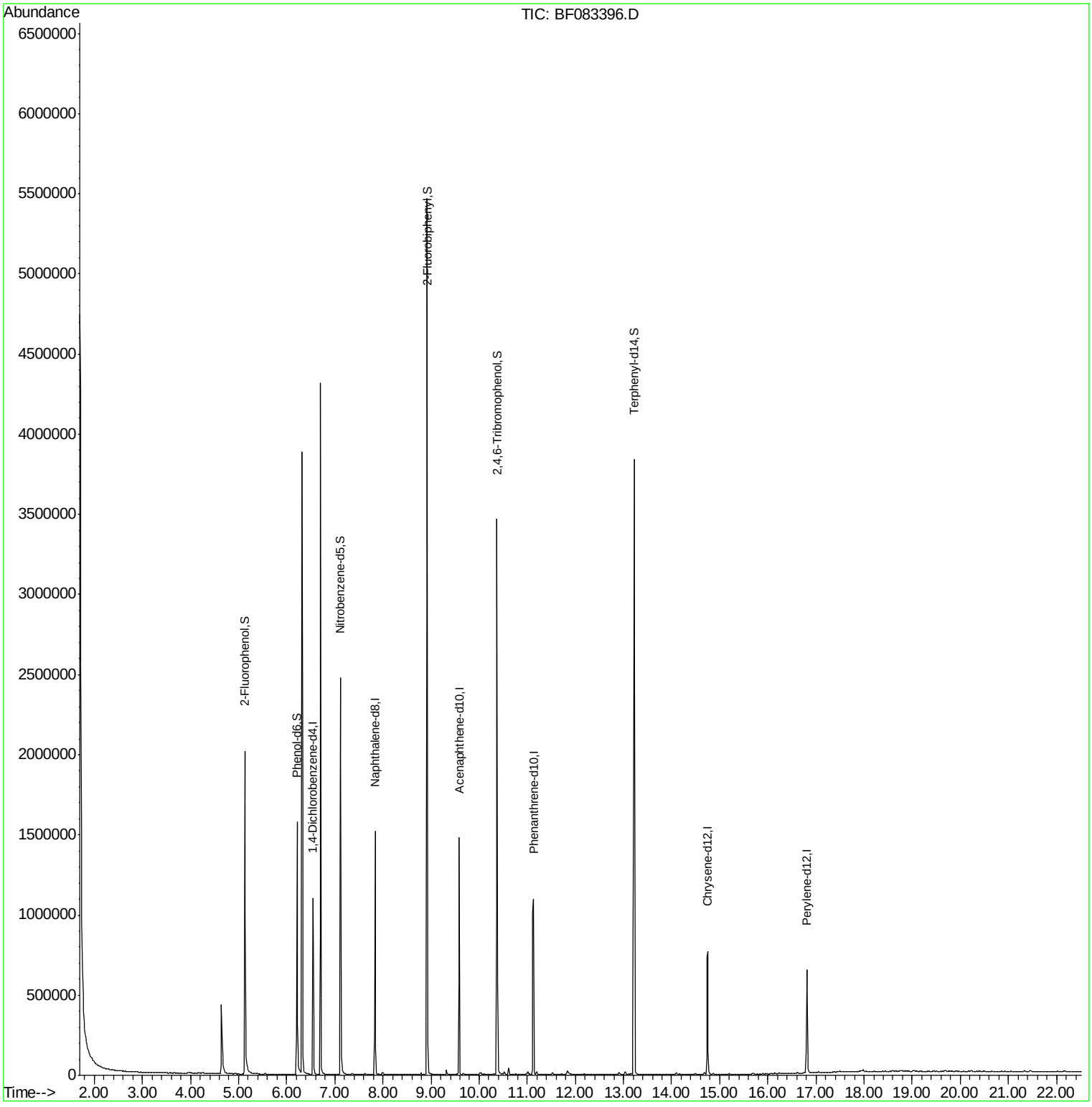
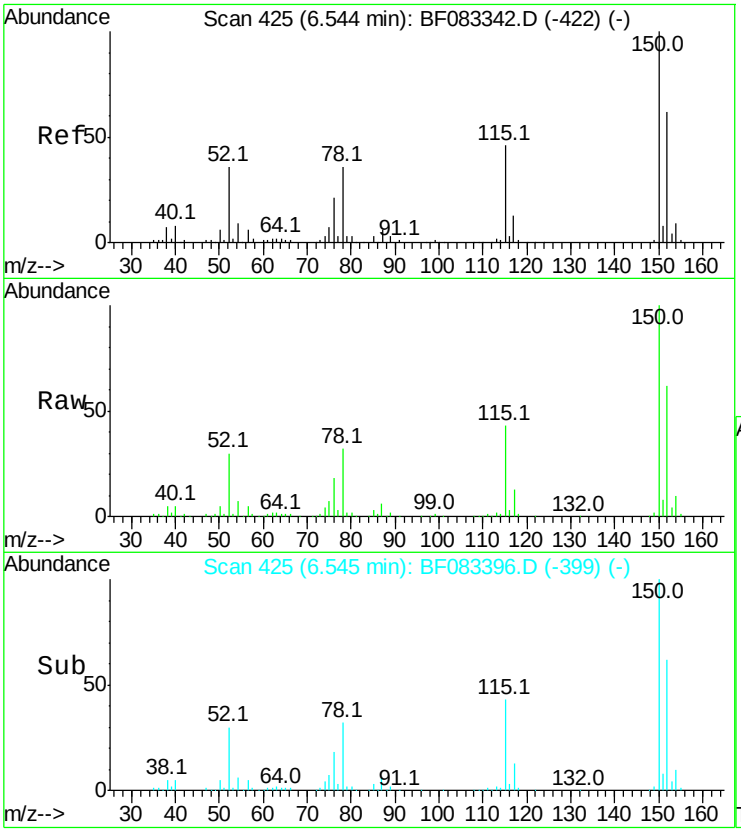


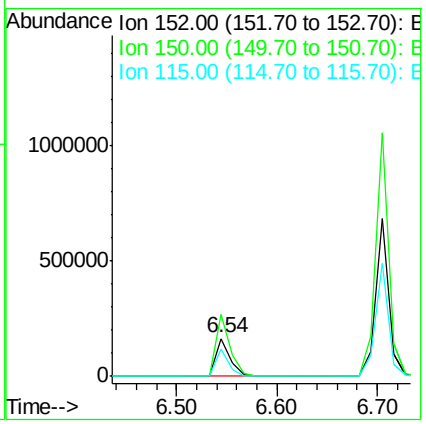


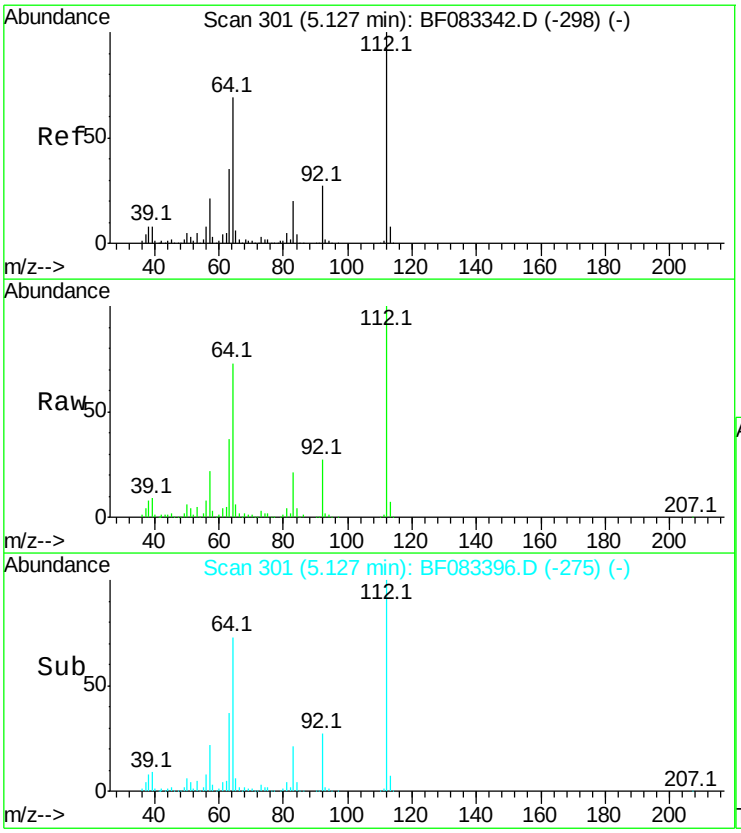
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 163070

Ion	Ratio	Lower	Upper
152	100		
150	162.2	129.8	194.8
115	69.9	59.2	88.8

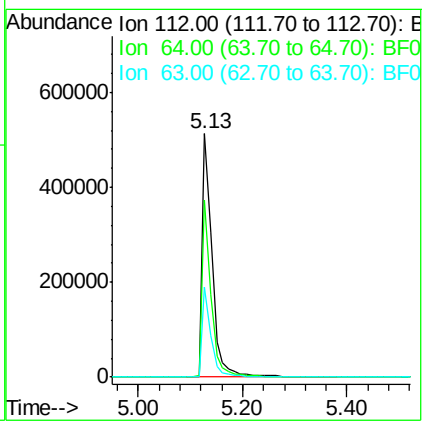


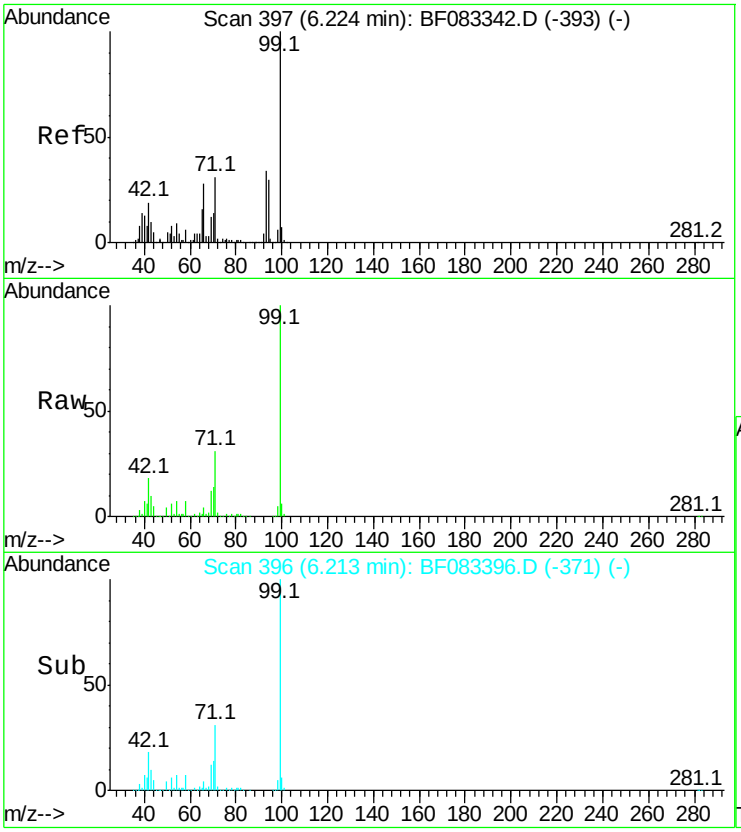


#5
2-Fluorophenol
Concen: 63.05 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:112 Resp: 685164

Ion	Ratio	Lower	Upper
112	100		
64	72.5	55.6	83.4
63	36.8	28.2	42.2



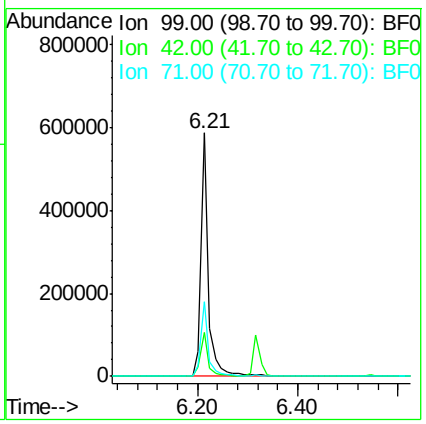


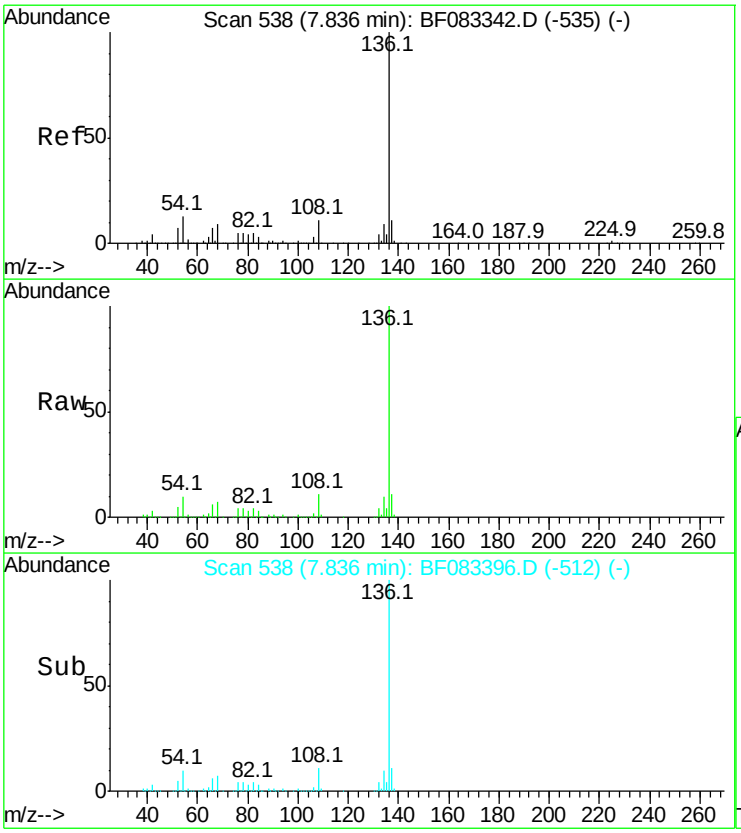
#7
Phenol-d6
Concen: 40.46 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 99 Resp: 601871

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	30.8	24.7	37.1

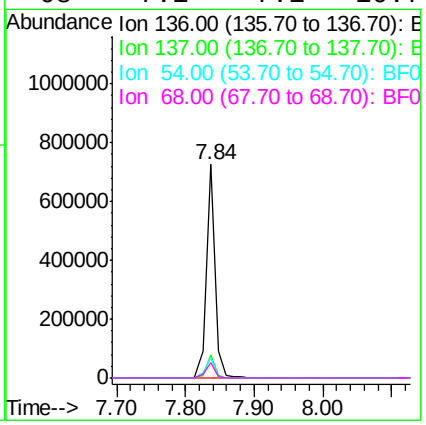


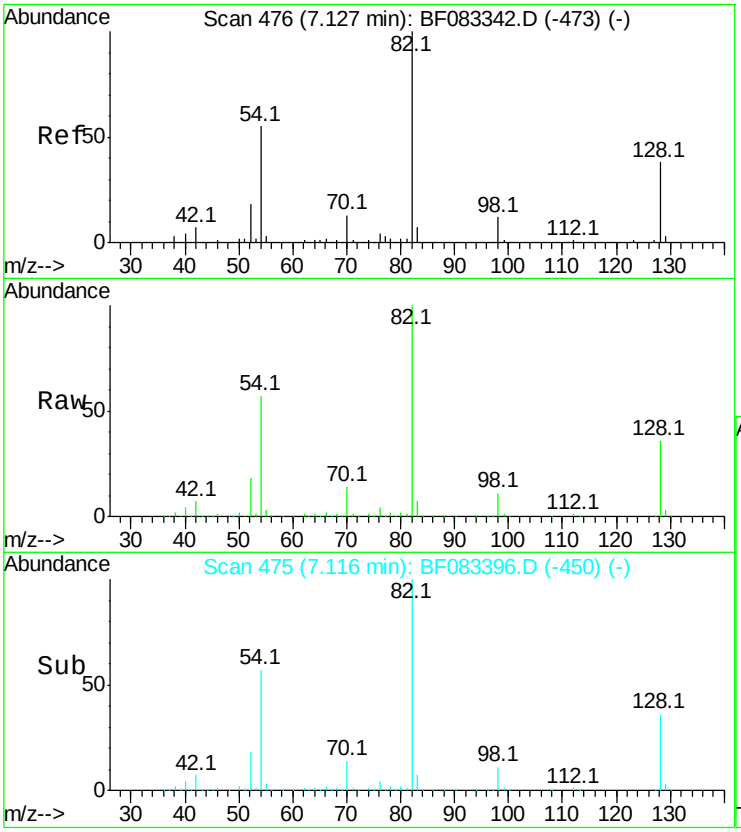


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:136 Resp: 641477

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.9	10.1	15.1#
68	7.1	7.1	10.7



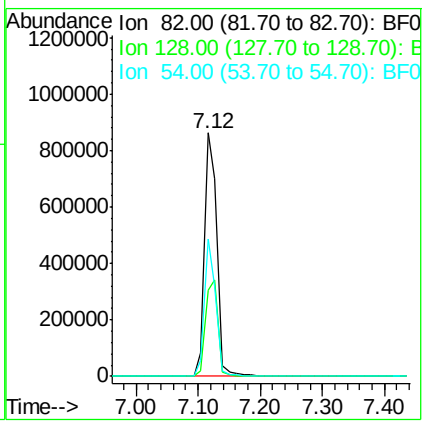


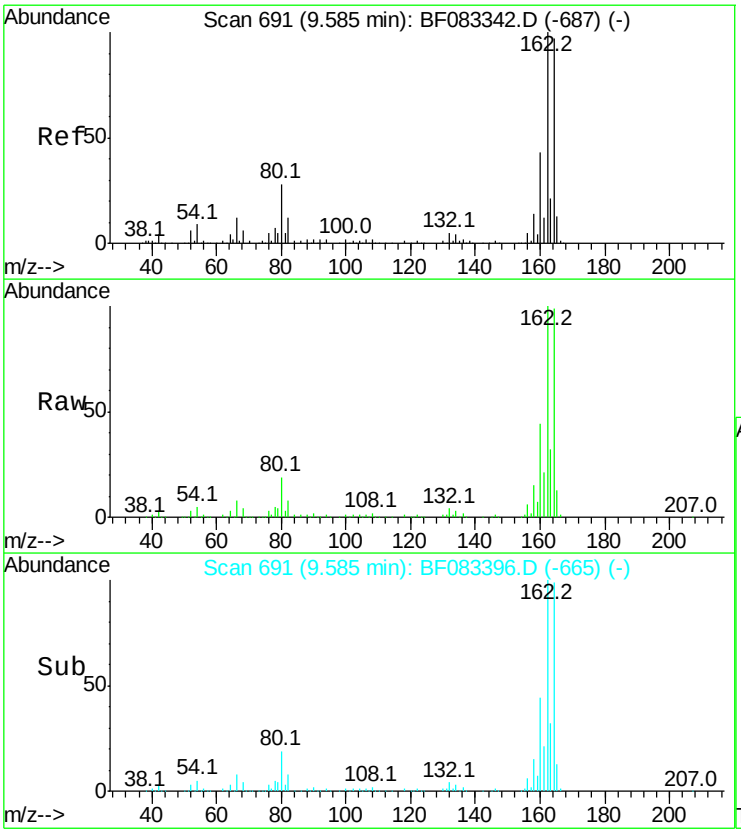
#23
Nitrobenzene-d5
Concen: 81.67 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 82 Resp: 1191715

Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.6	46.0
54	56.6	43.8	65.6

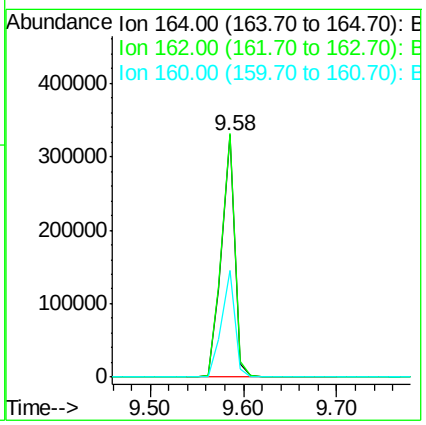


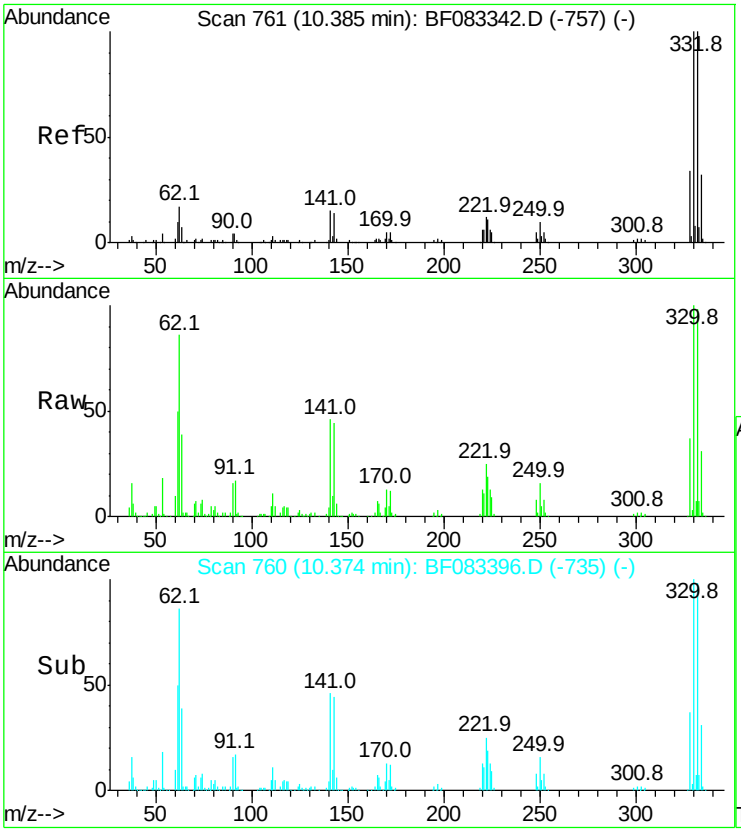


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:164 Resp: 325331

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	44.2	35.3	52.9



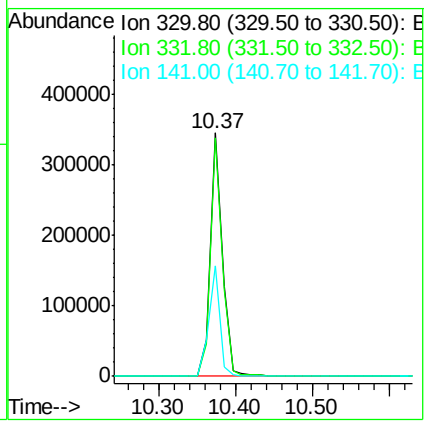


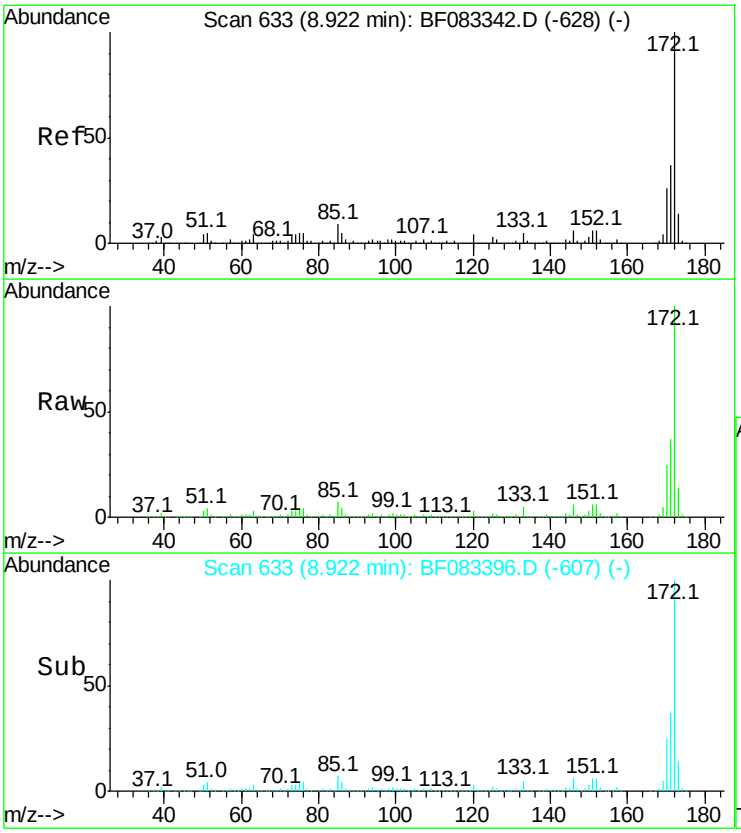
#41
2,4,6-Tribromophenol
Concen: 114.51 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:330 Resp: 373983

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	41.9	29.4	44.0

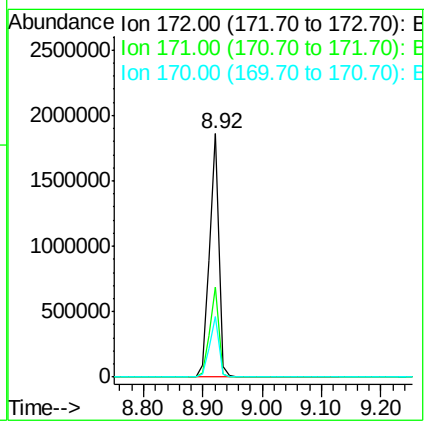


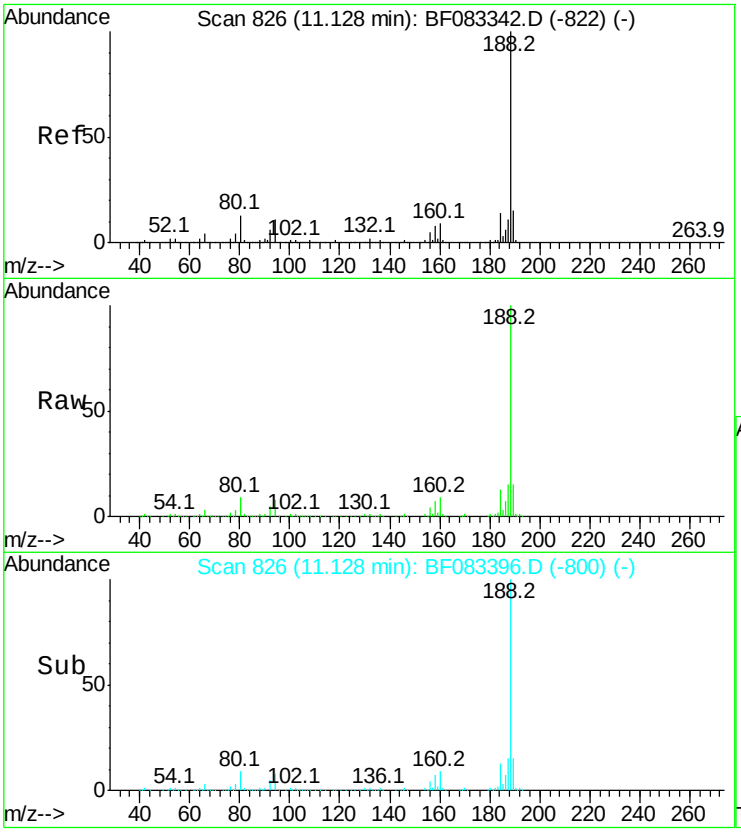


#44
2-Fluorobiphenyl
Concen: 88.98 ng
RT: 8.92 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:172 Resp: 2031262

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.8	20.4	30.6



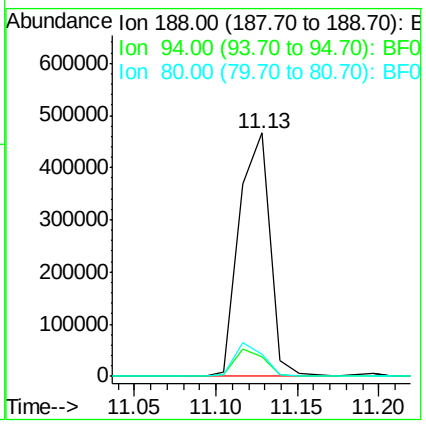


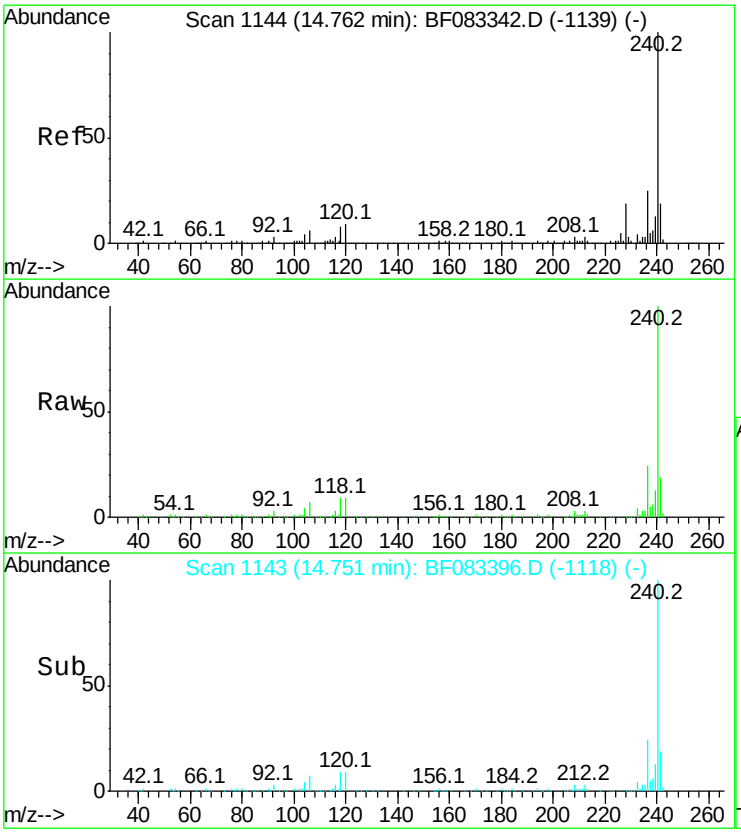
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:188 Resp: 607377

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.7	13.1#
80	8.9	10.3	15.5#

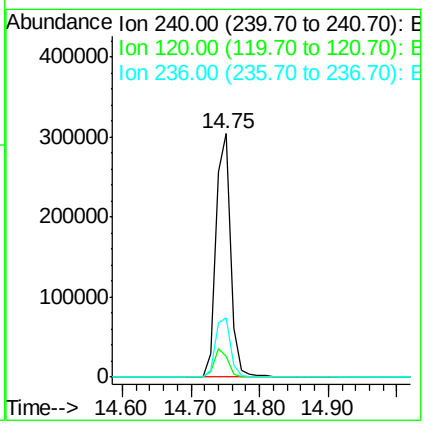


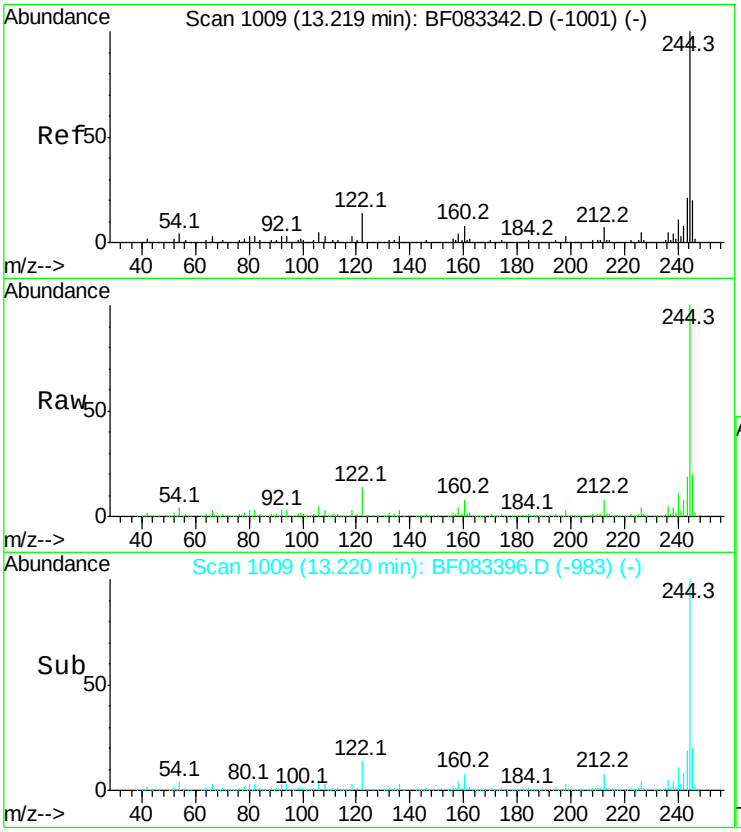


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:240 Resp: 461026

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	24.5	19.8	29.6



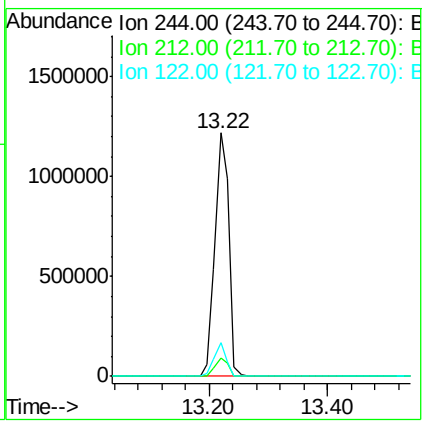


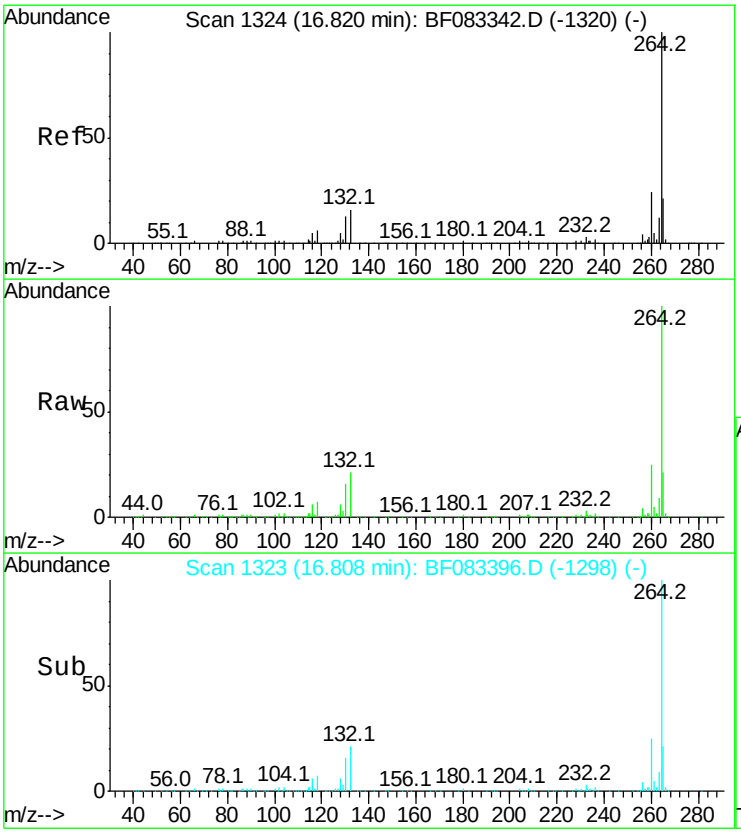
#78
Terphenyl-d14
Concen: 101.74 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083396.D
Acq: 2 Dec 2015 3:04

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:244 Resp: 1966802

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: BF083396.D
Acq: 2 Dec 2015 3:04

Tgt Ion:264 Resp: 376999

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.5	16.8	25.2