Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
Data File : BF083367.D
Acq On : 1 Dec 2015 7:48
Operator : UM/IZ
Sample : G4503-04RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4RE

Quant Time: Dec 01 10:36:03 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	219221	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	830638	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	447548	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	831048	20.00	ng	0.00
75) Chrysene-d12	14.75	240	703605	20.00	ng	-0.01
86) Perylene-d12	16.81	264	503920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	322628	22.08	ng	0.00
7) Phenol-d6	6.21	99	508262	25.42	ng	-0.01
23) Nitrobenzene-d5	7.12	82	390367	20.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	104973	23.37	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	646186	20.58	ng	-0.01
78) Terphenyl-d14	13.22	244	599338	20.31	ng	0.00
Target Compounds						Qvalue

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

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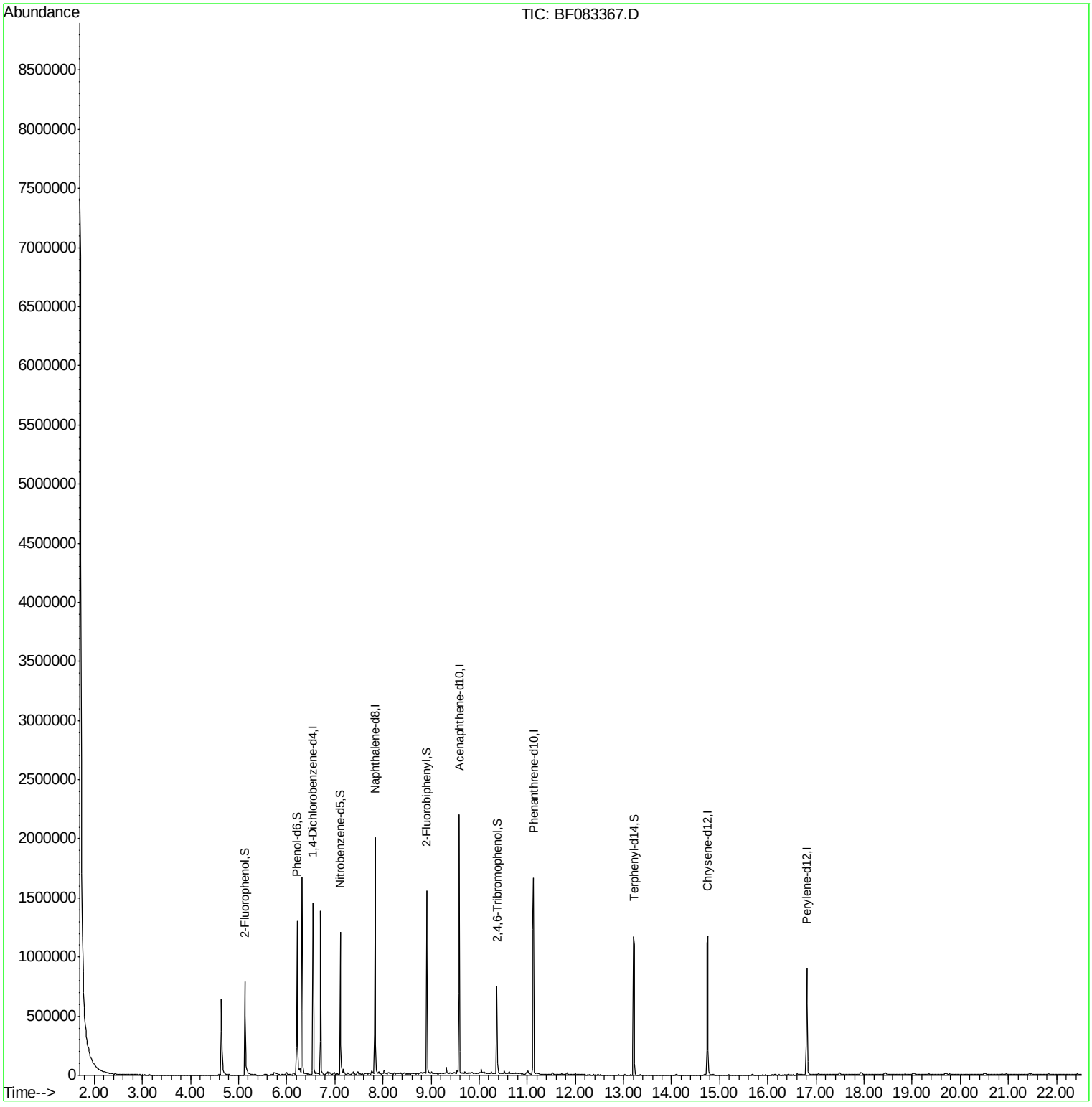
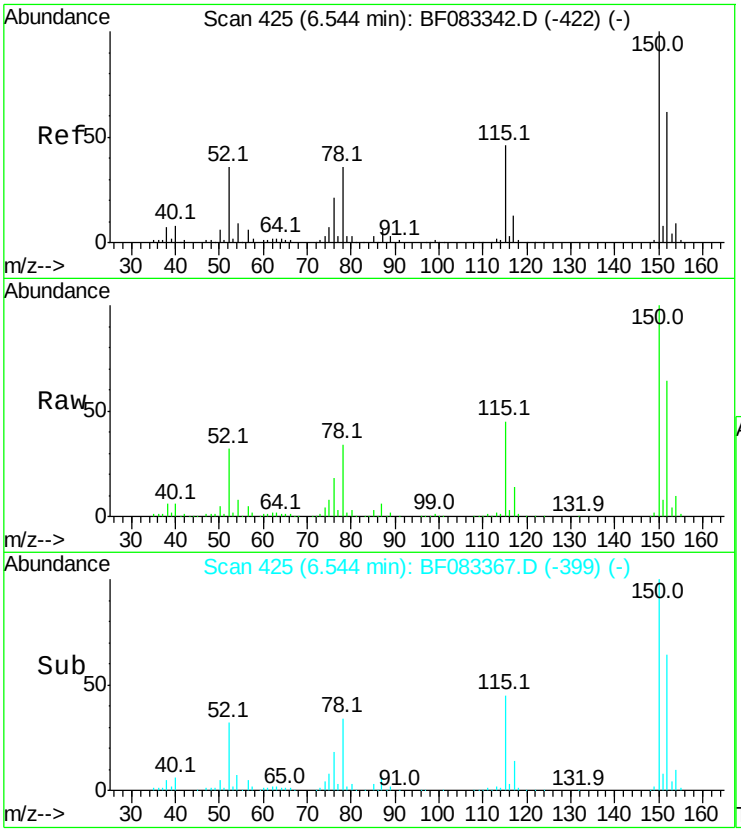


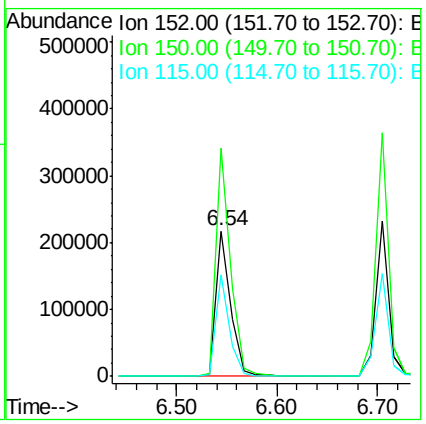


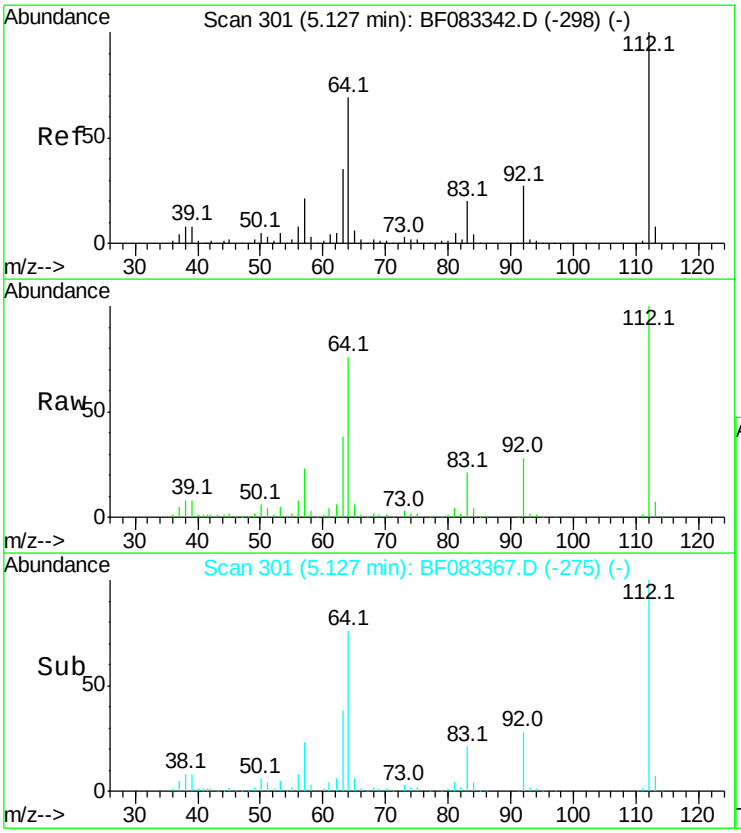
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion:152 Resp: 219221

Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.8	194.8
115	70.2	59.2	88.8

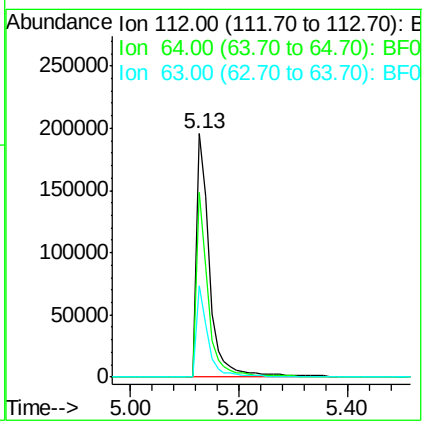


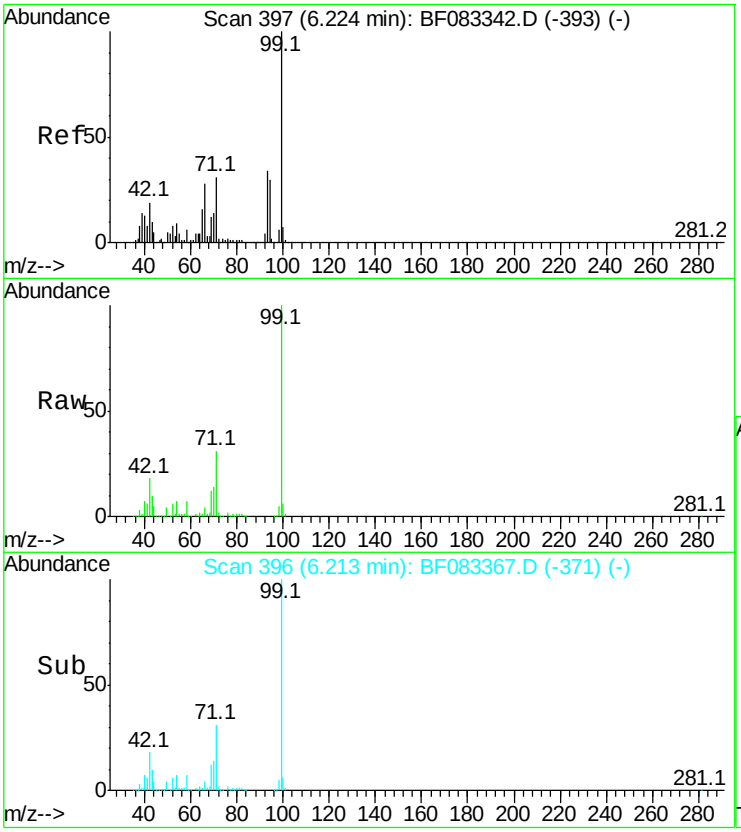


#5
2-Fluorophenol
Concen: 22.08 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:112 Resp: 322628

Ion	Ratio	Lower	Upper
112	100		
64	76.0	55.6	83.4
63	37.7	28.2	42.2



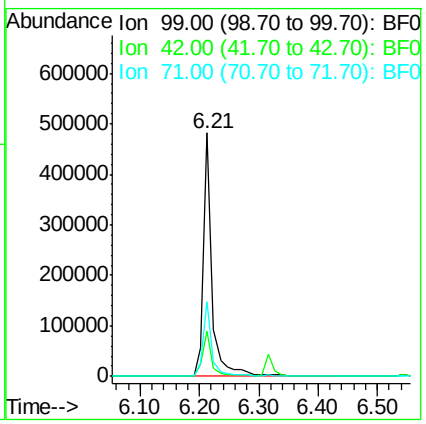


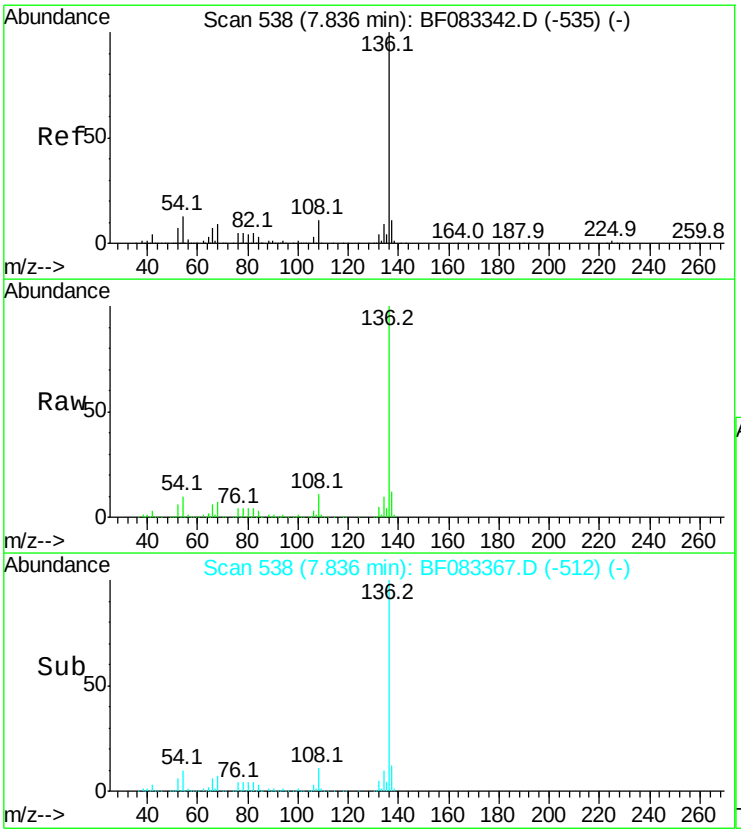
#7
Phenol-d6
Concen: 25.42 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion: 99 Resp: 508262

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	30.6	24.7	37.1

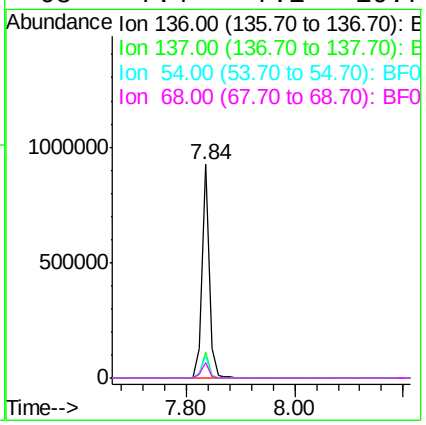


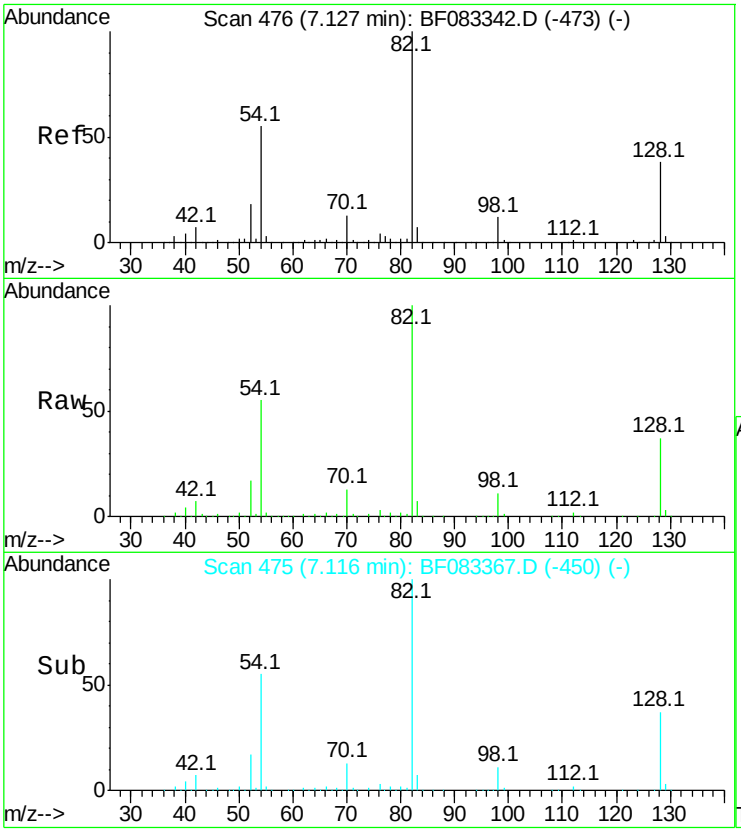


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:136 Resp: 830638

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	10.4	10.1	15.1
68	7.4	7.1	10.7



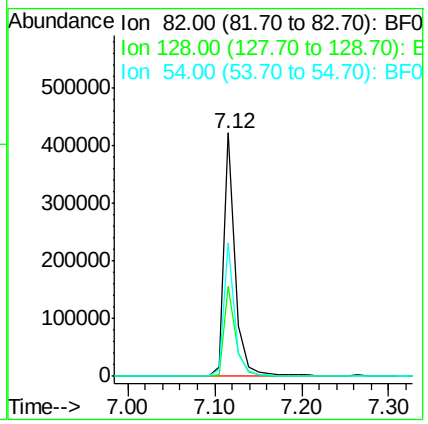


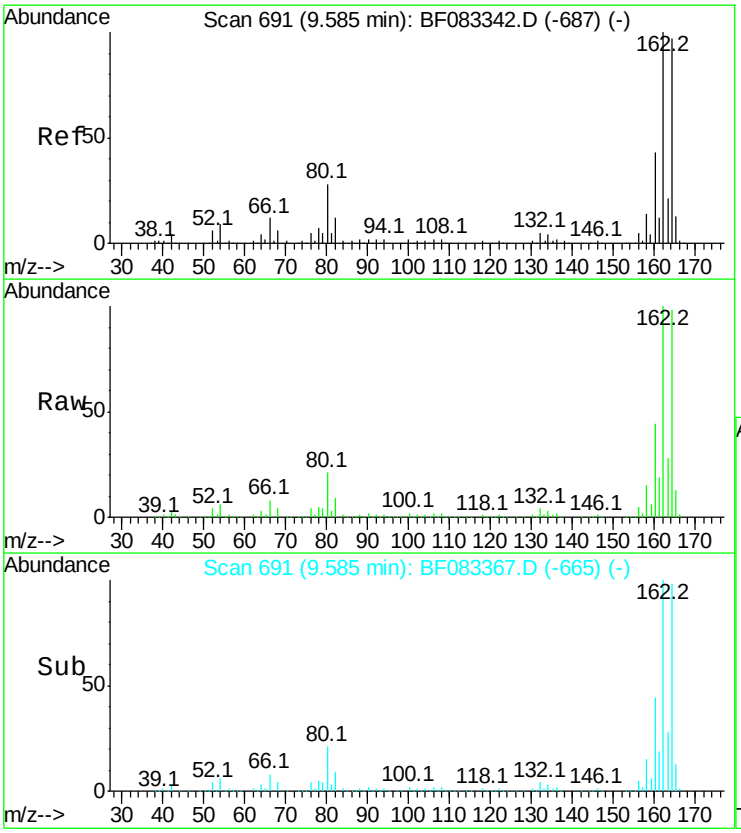
#23
Nitrobenzene-d5
Concen: 20.66 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion: 82 Resp: 390367

Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.6	46.0
54	54.8	43.8	65.6

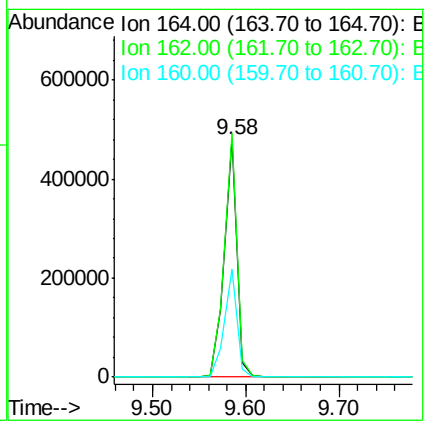


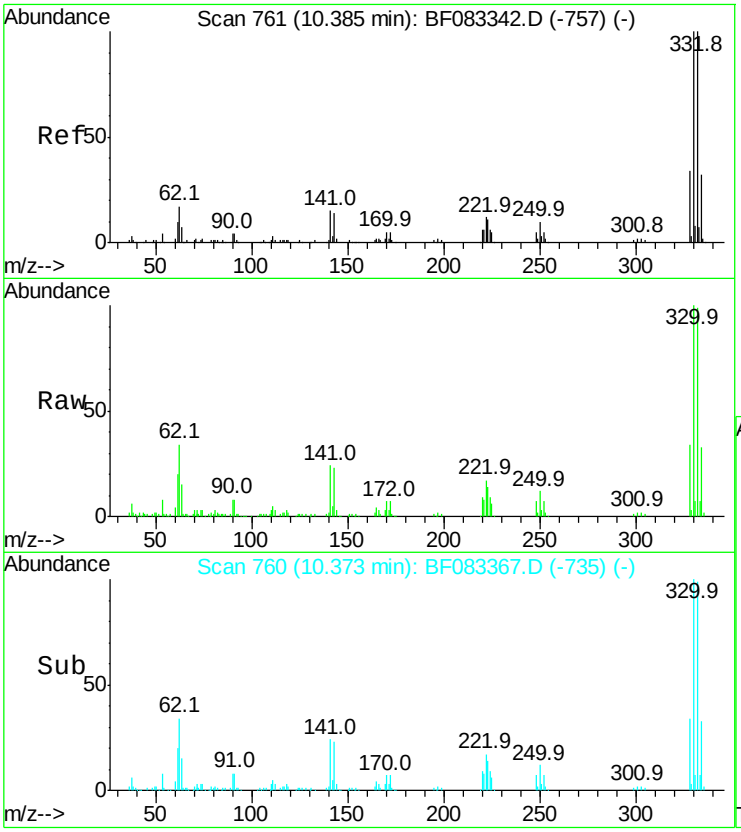


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:164 Resp: 447548

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.4	35.3	52.9



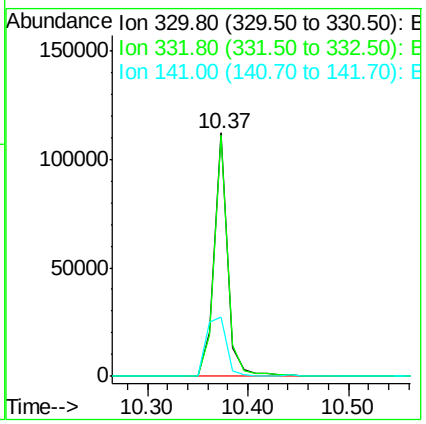


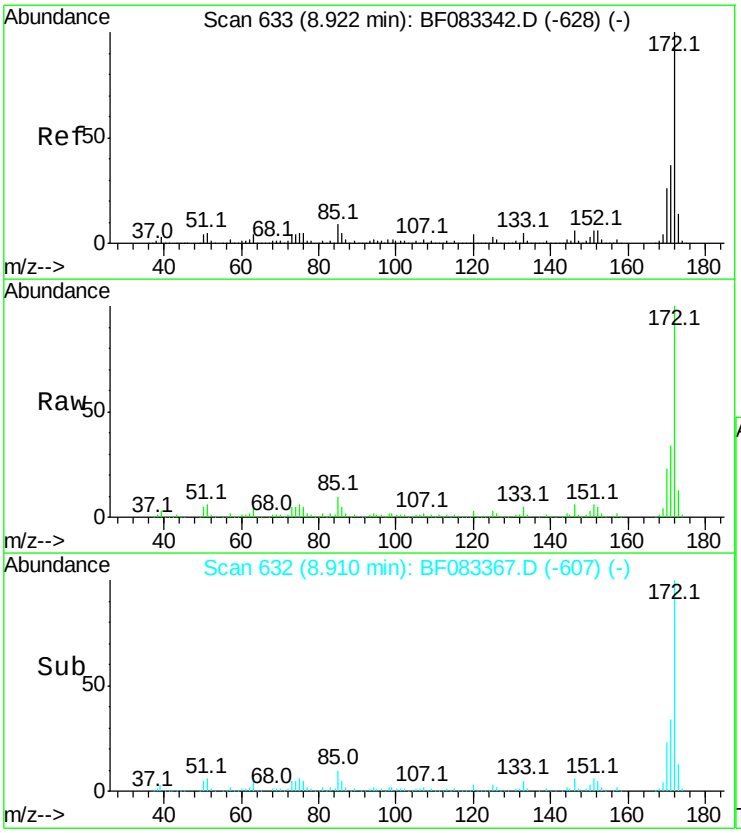
#41
2,4,6-Tribromophenol
Concen: 23.37 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion:330 Resp: 104973

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.8	116.6
141	37.1	29.4	44.0

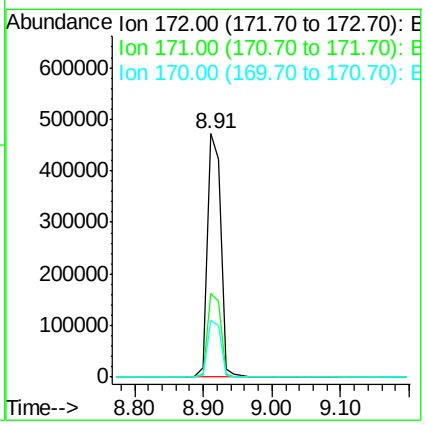


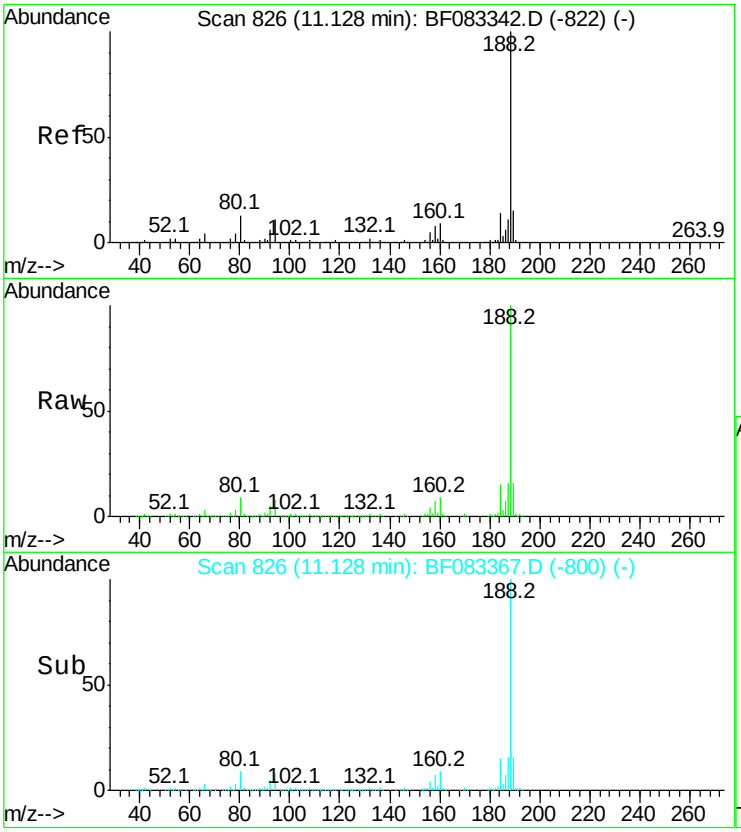


#44
2-Fluorobiphenyl
Concen: 20.58 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:172 Resp: 646186

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.0
170	23.3	20.4	30.6



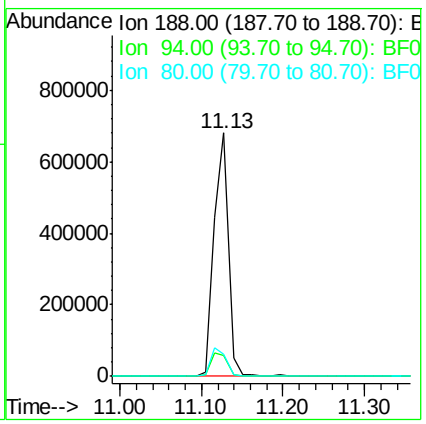


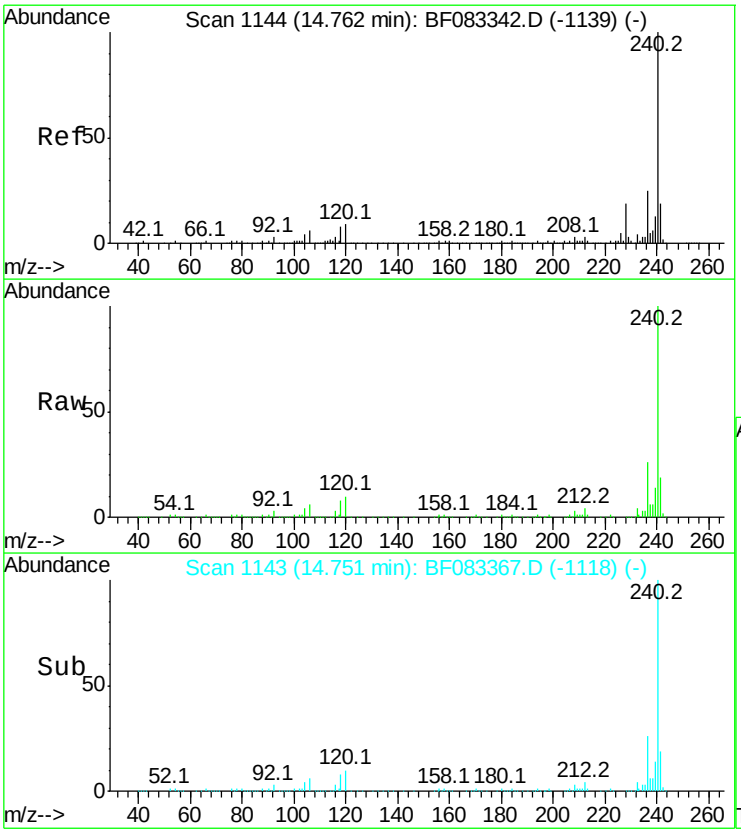
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion:188 Resp: 831048

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.7	13.1#
80	9.2	10.3	15.5#

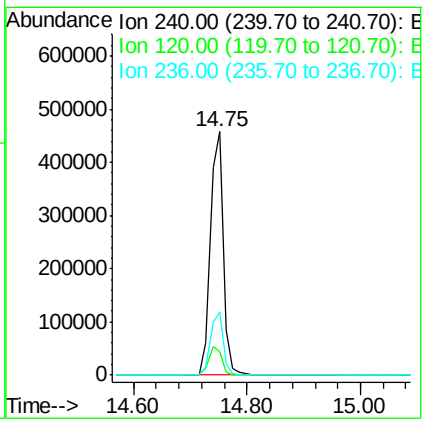


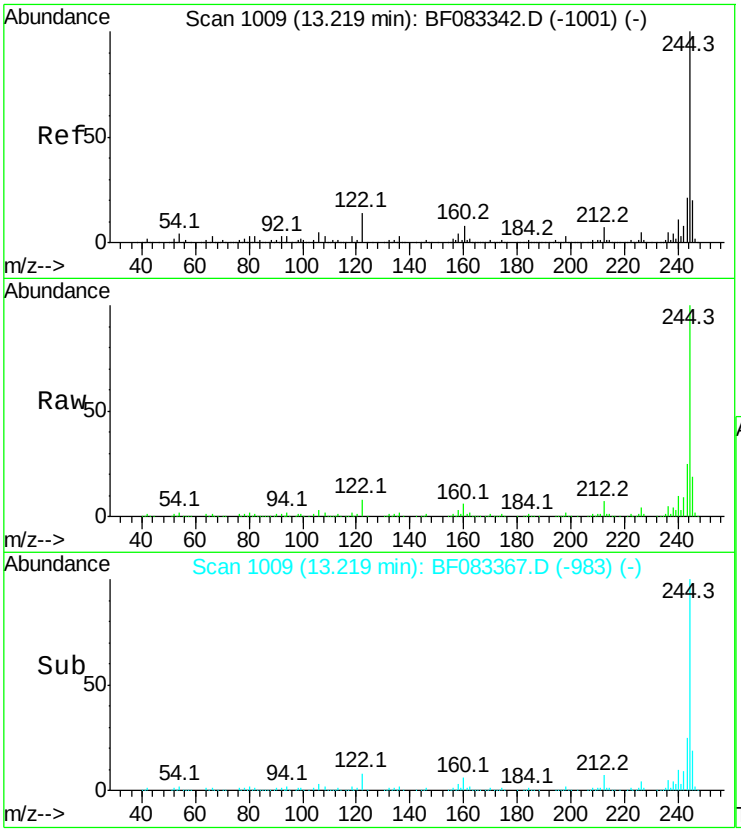


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:240 Resp: 703605

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.9	10.3
236	25.8	19.8	29.6



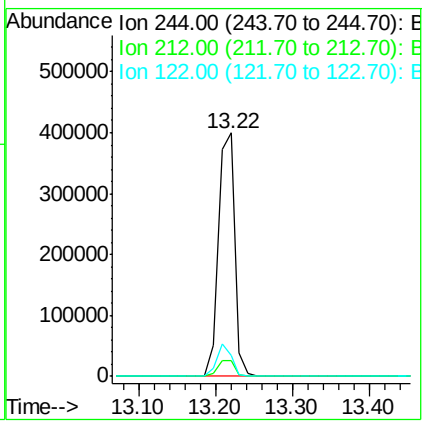


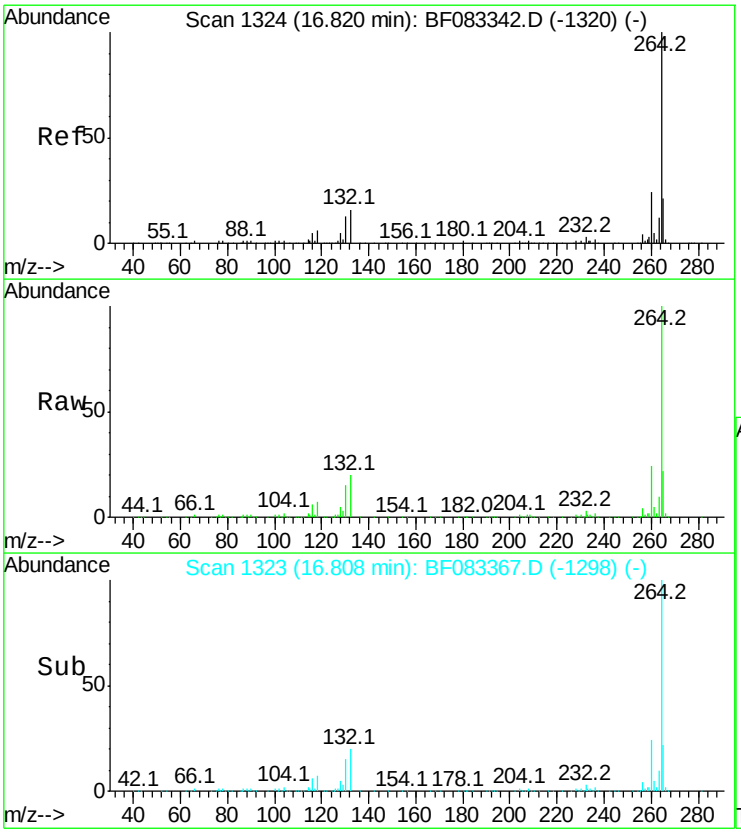
#78
Terphenyl-d14
Concen: 20.31 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083367.D
Acq: 1 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-4RE

Tgt Ion:244 Resp: 599338

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	8.5	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: BF083367.D
Acq: 1 Dec 2015 7:48

Tgt Ion:264 Resp: 503920

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.3	16.8	25.2