Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085109.D
Acq On : 2 Mar 2016 10:25
Operator : SJ/IZ
Sample : PB88620BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88620BL

Quant Time: Mar 03 02:53:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	176938	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	760299	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	343188	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	680509	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	595642	20.00	ng	-0.01
86) Perylene-d12	15.62	264	407529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1295488	118.86	ng	0.01
7) Phenol-d6	6.60	99	1560085	109.19	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1112403	77.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	467224	135.47	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1695867	72.78	ng	-0.01
78) Terphenyl-d14	13.10	244	1821324	71.73	ng	-0.01

Target Compounds	Qvalue

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

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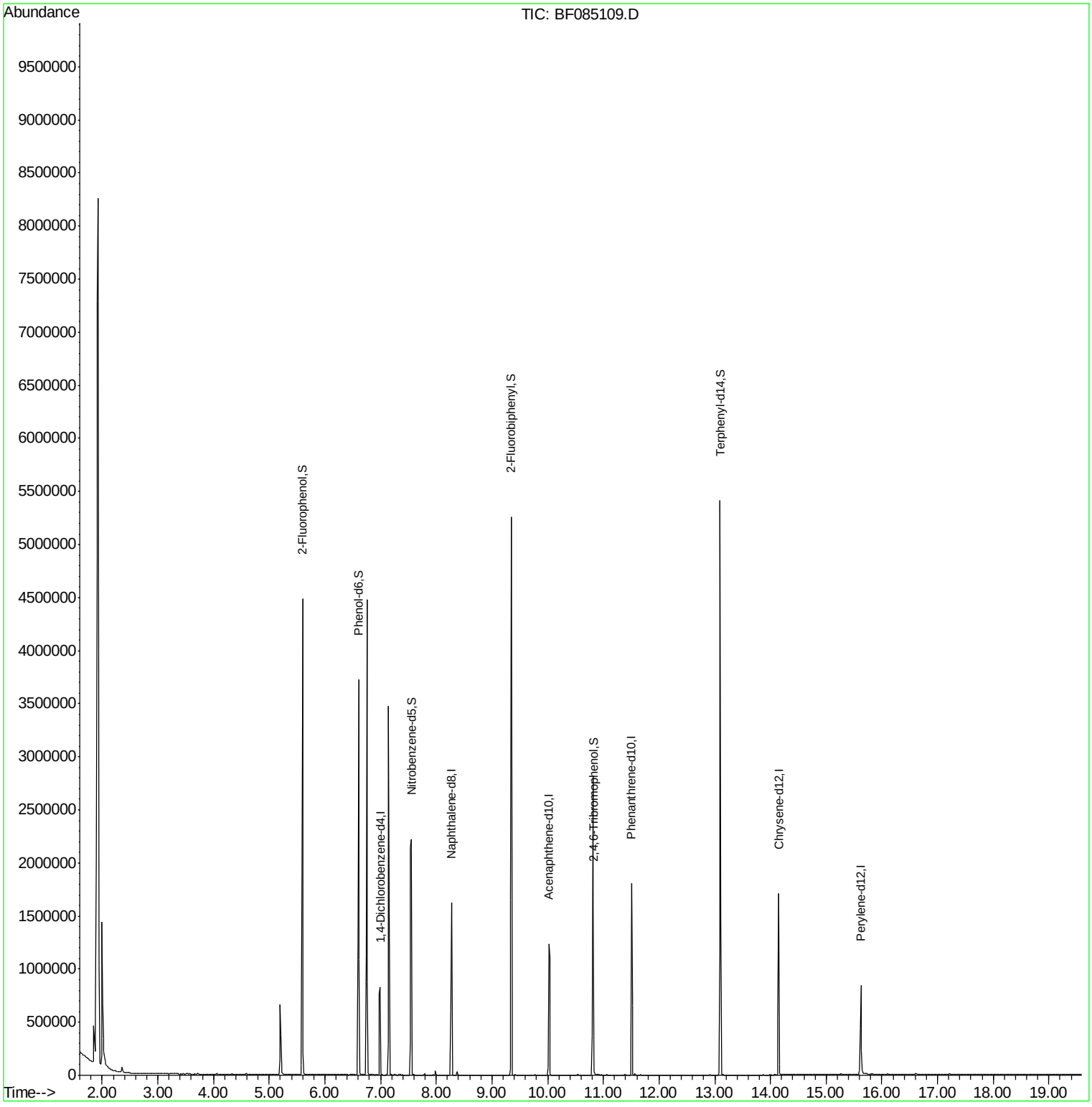
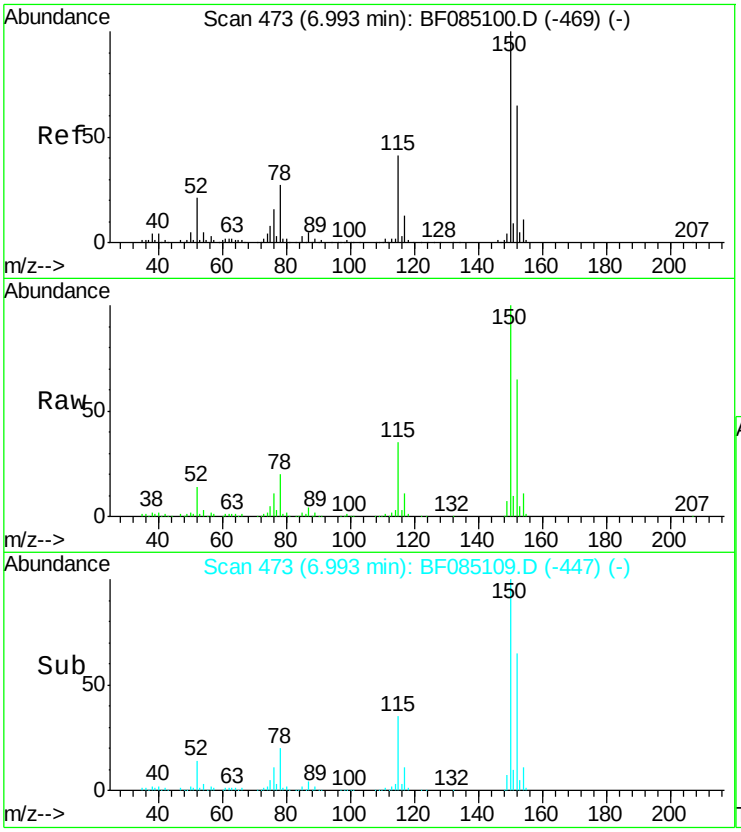


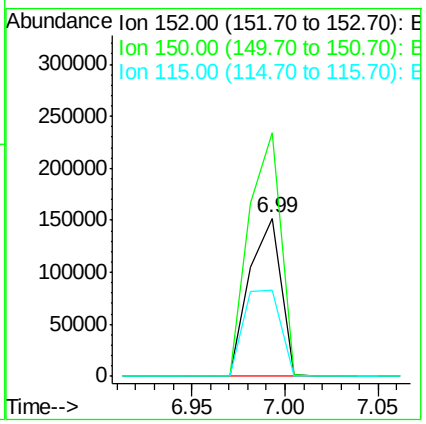


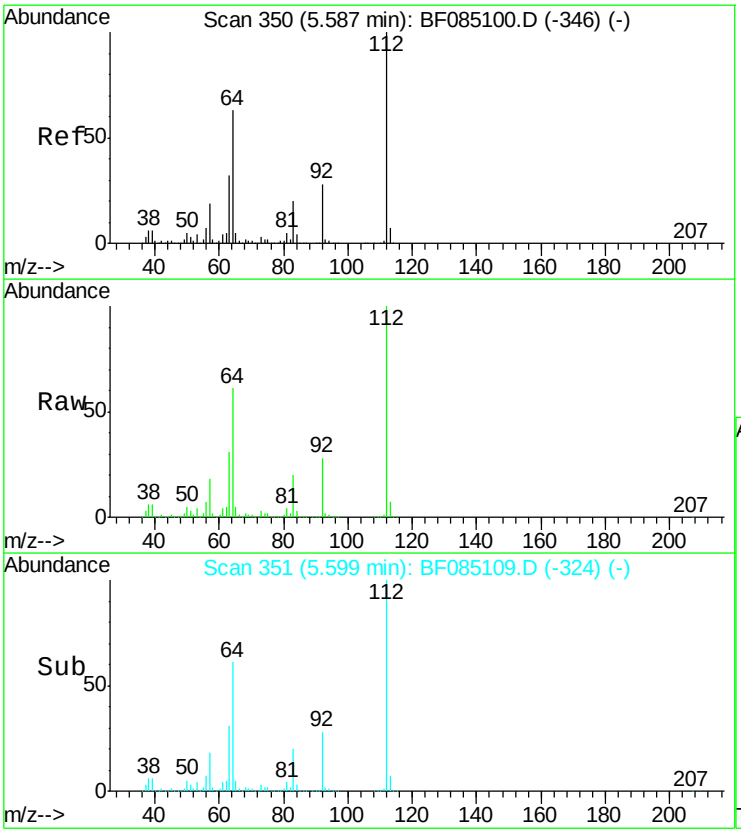
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion:152 Resp: 176938

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.4	185.0
115	54.4	50.0	75.0

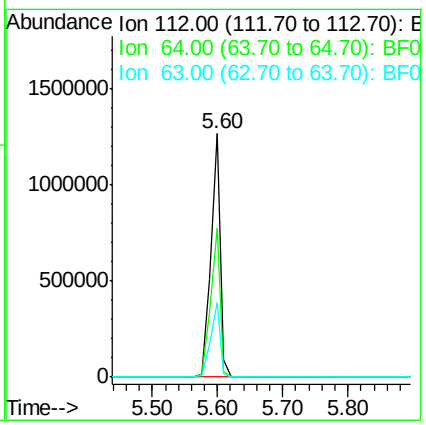


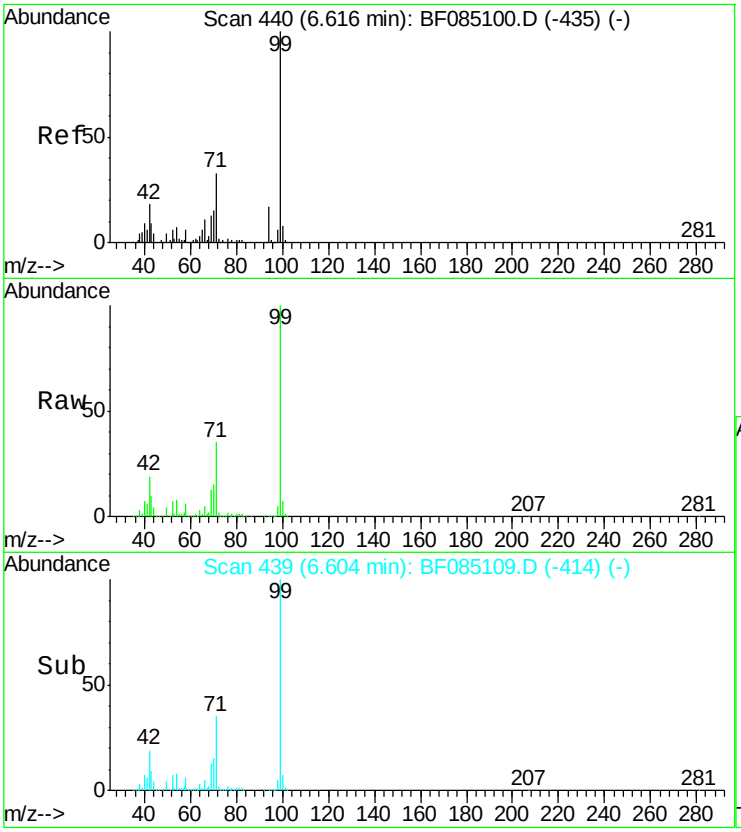


#5
2-Fluorophenol
Concen: 118.86 ng
RT: 5.60 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:112 Resp: 1295488

Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.6	76.0
63	30.8	25.5	38.3



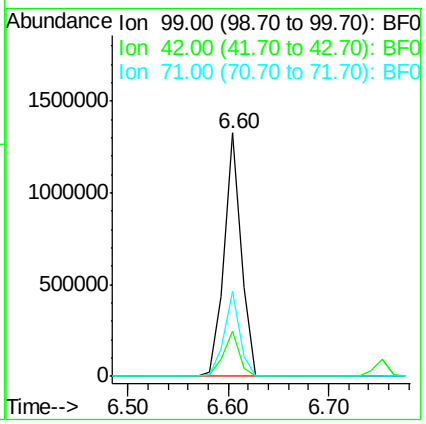


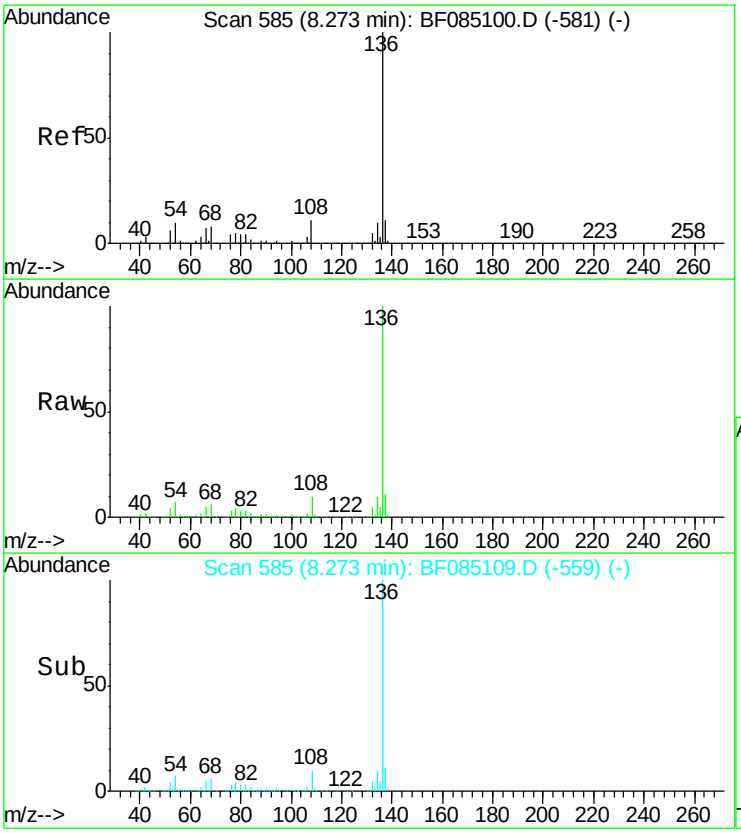
#7
Phenol-d6
Concen: 109.19 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion: 99 Resp: 1560085

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	34.8	26.8	40.2

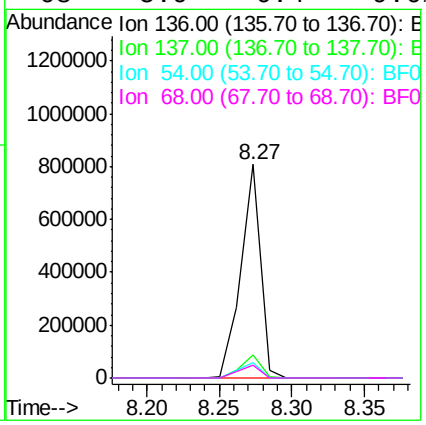


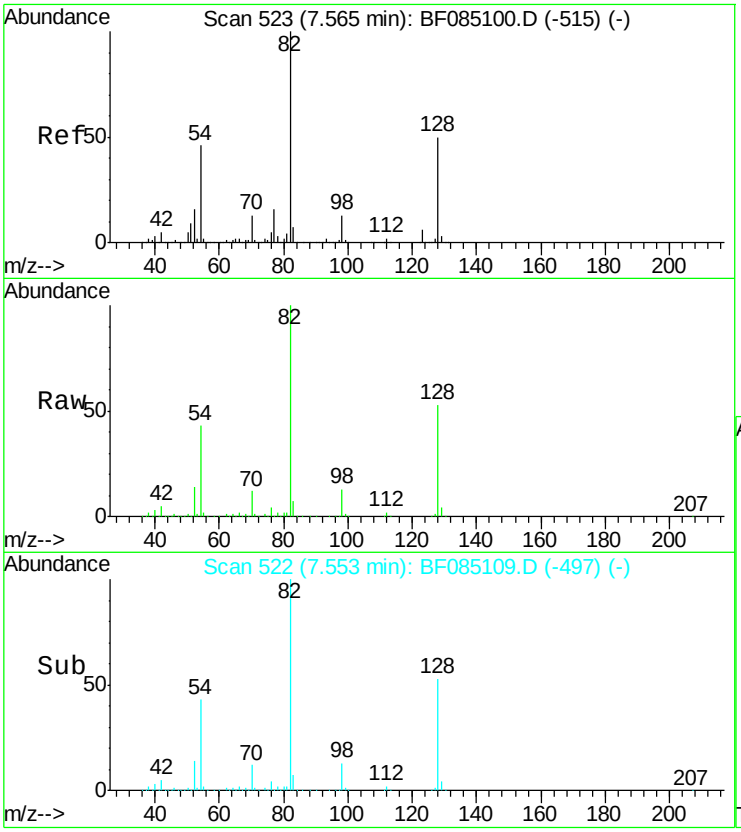


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:136 Resp: 760299

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.2	8.5	12.7#
68	5.9	6.4	9.6#



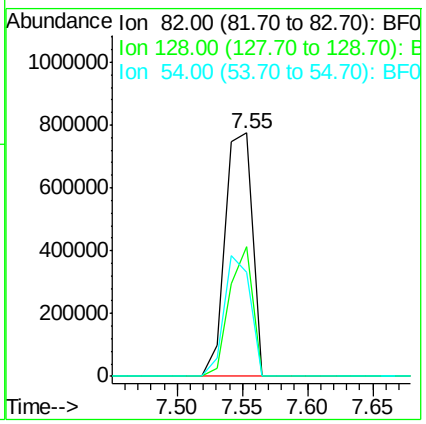


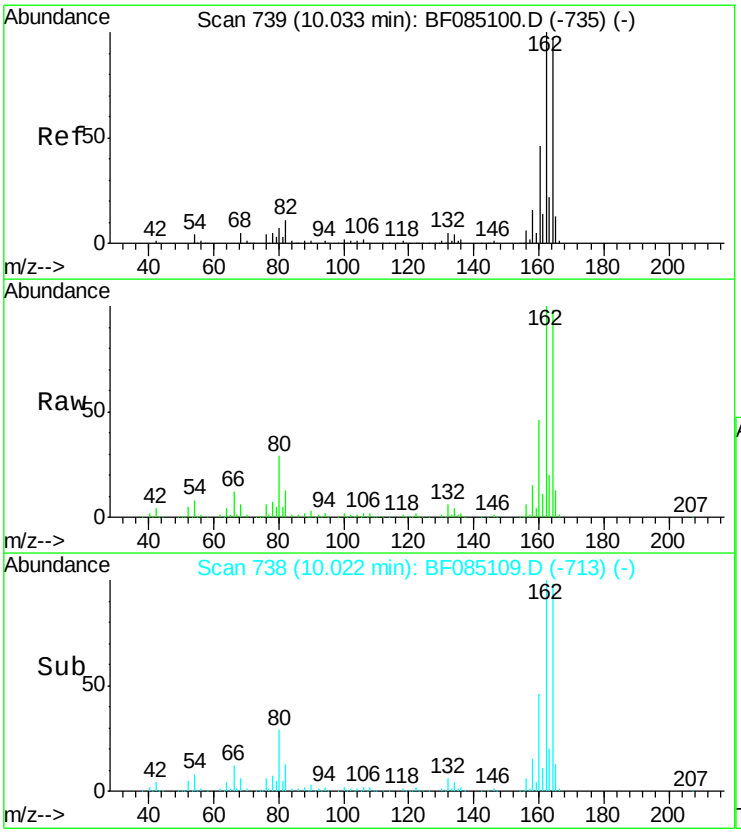
#23
Nitrobenzene-d5
Concen: 77.84 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion: 82 Resp: 1112403

Ion	Ratio	Lower	Upper
82	100		
128	53.1	39.8	59.6
54	42.9	36.6	54.8

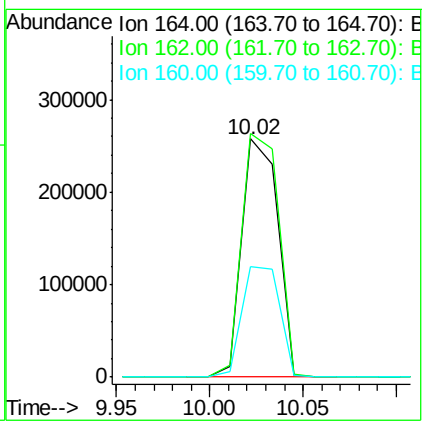


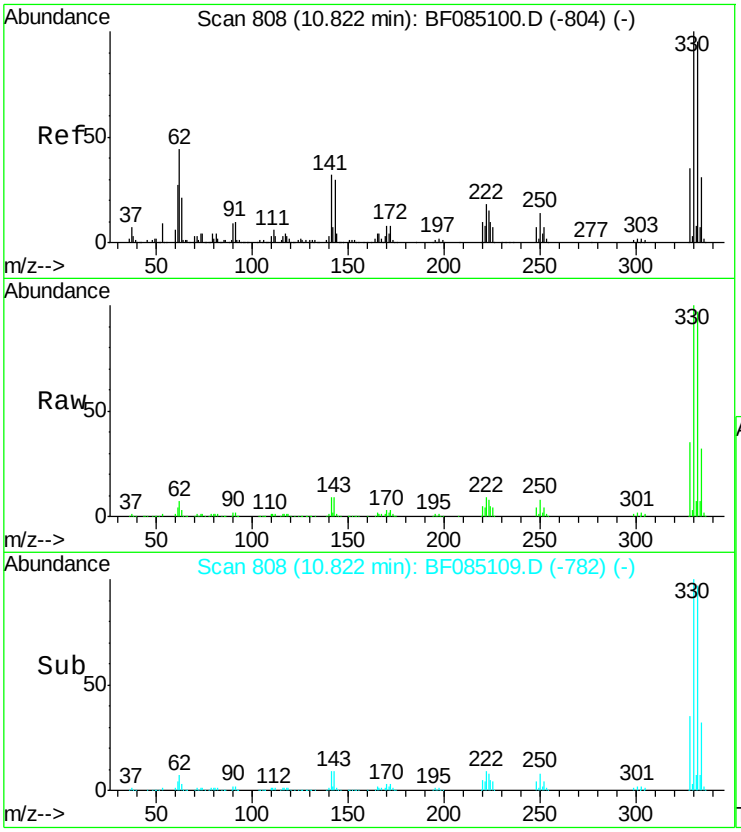


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:164 Resp: 343188

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	46.6	38.2	57.2



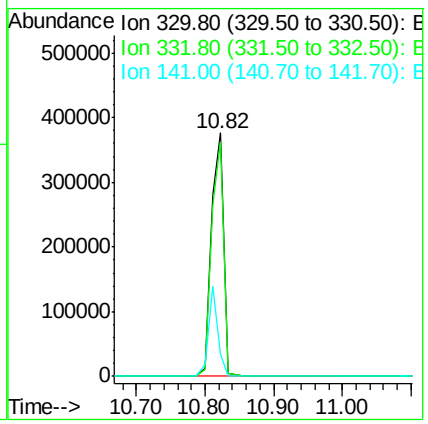


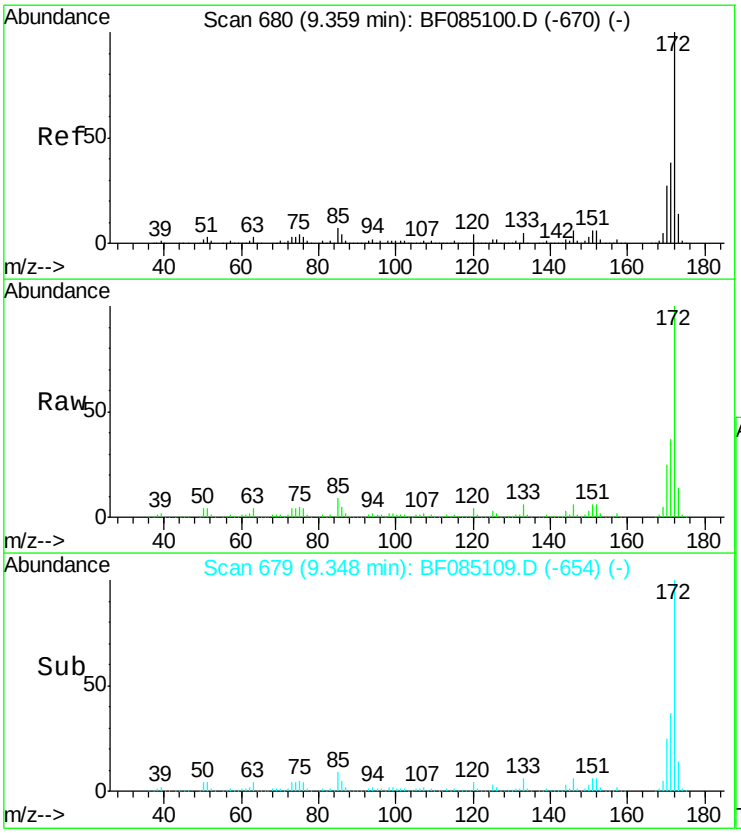
#41
2,4,6-Tribromophenol
Concen: 135.47 ng
RT: 10.82 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion:330 Resp: 467224

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	28.6	28.9	43.3#

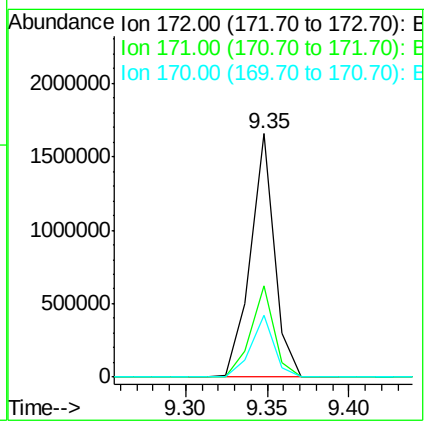


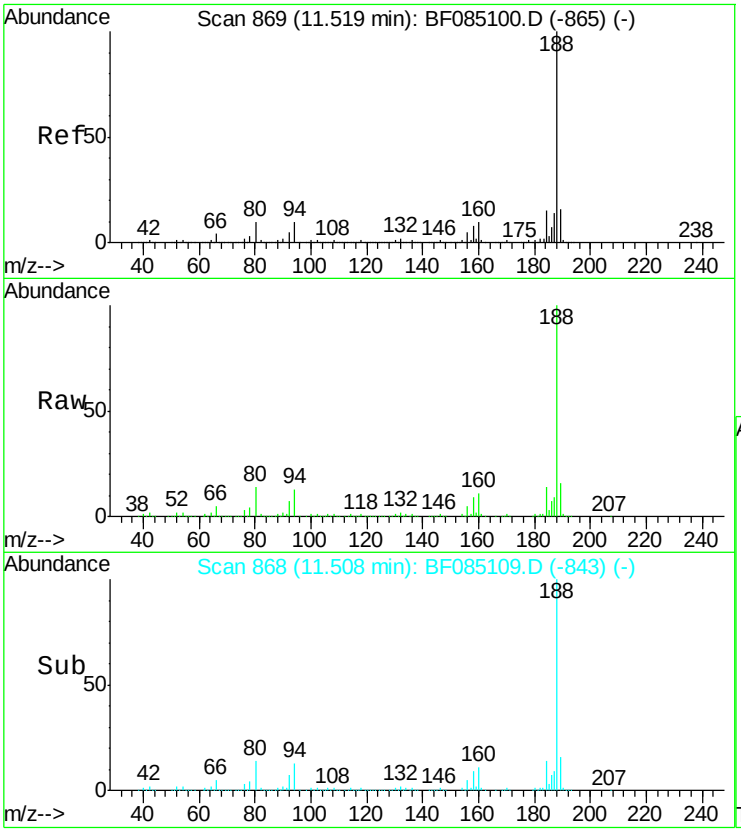


#44
2-Fluorobiphenyl
Concen: 72.78 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:172 Resp: 1695867

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.3	21.2	31.8



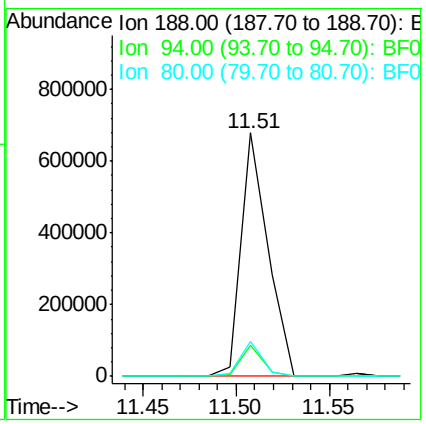


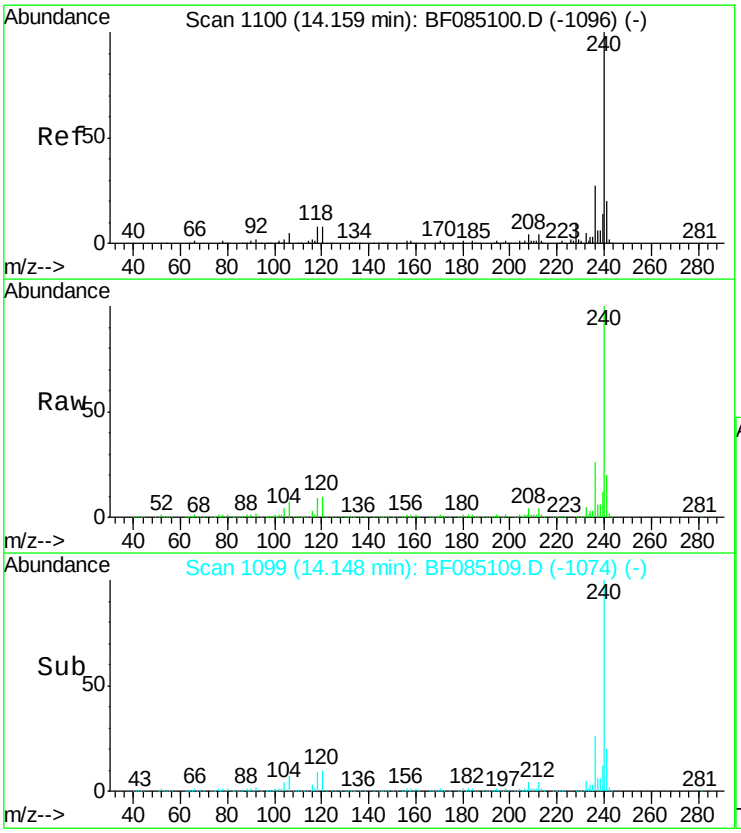
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion:188 Resp: 680509

Ion	Ratio	Lower	Upper
188	100		
94	12.8	7.8	11.6#
80	14.3	8.2	12.4#

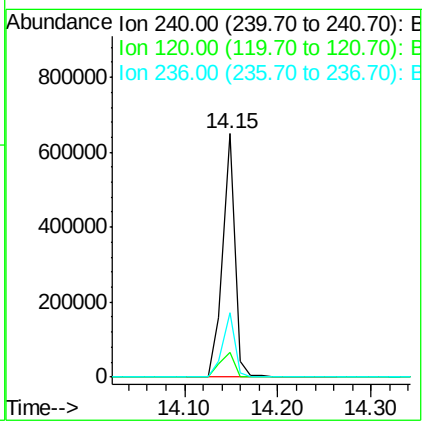


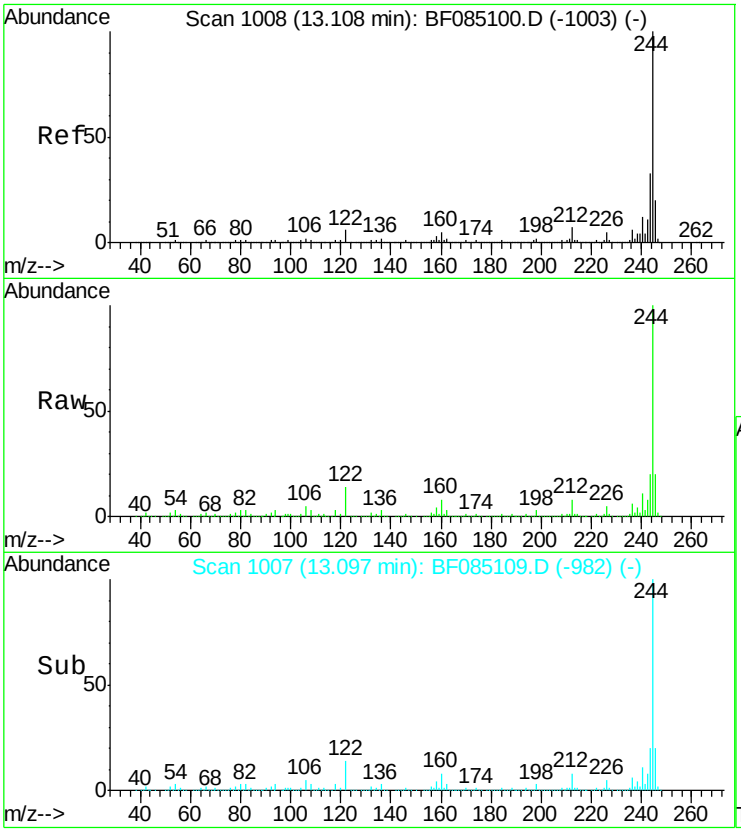


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:240 Resp: 595642

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.7	10.1#
236	26.3	21.6	32.4



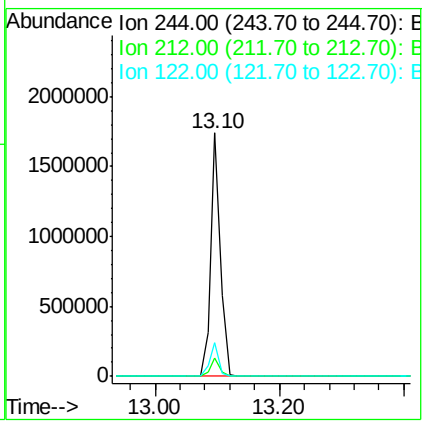


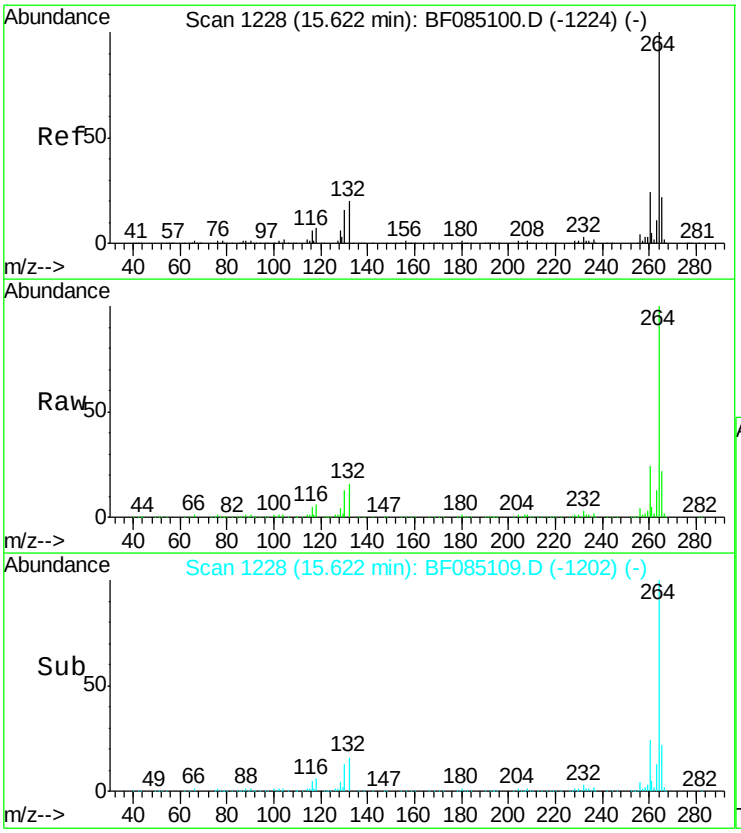
#78
Terphenyl-d14
Concen: 71.73 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Instrument :
BNA_F
ClientSampleId :
PB88620BL

Tgt Ion:244 Resp: 1821324

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	13.7	5.1	7.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF085109.D
Acq: 2 Mar 2016 10:25

Tgt Ion:264 Resp: 407529

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.5	17.4	26.2