Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086869.D
Acq On : 10 May 2016 19:42
Operator : UM/SJ
Sample : H2917-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-CS-EF-Q2

Quant Time: May 11 05:19:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	141970	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	546510	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	224164	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	344999	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	298124	20.00	ng	-0.01
86) Perylene-d12	15.20	264	253842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	237478	28.33	ng	0.00
7) Phenol-d6	6.35	99	174904	15.61	ng	-0.01
23) Nitrobenzene-d5	7.25	82	665293	61.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	135057	56.91	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1054887	79.09	ng	-0.01
78) Terphenyl-d14	12.78	244	897792	63.89	ng	-0.01
Target Compounds						Qvalue

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

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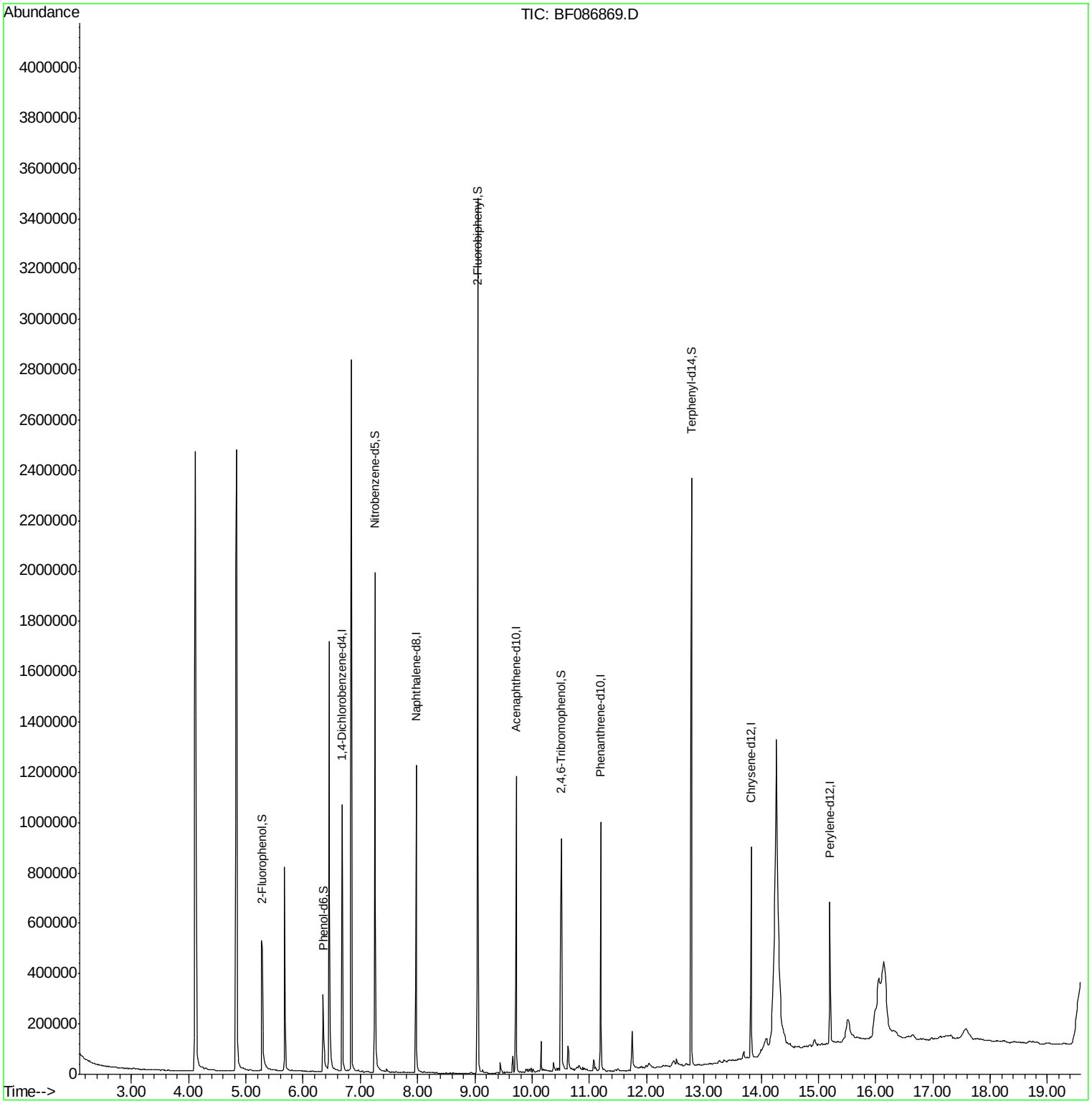
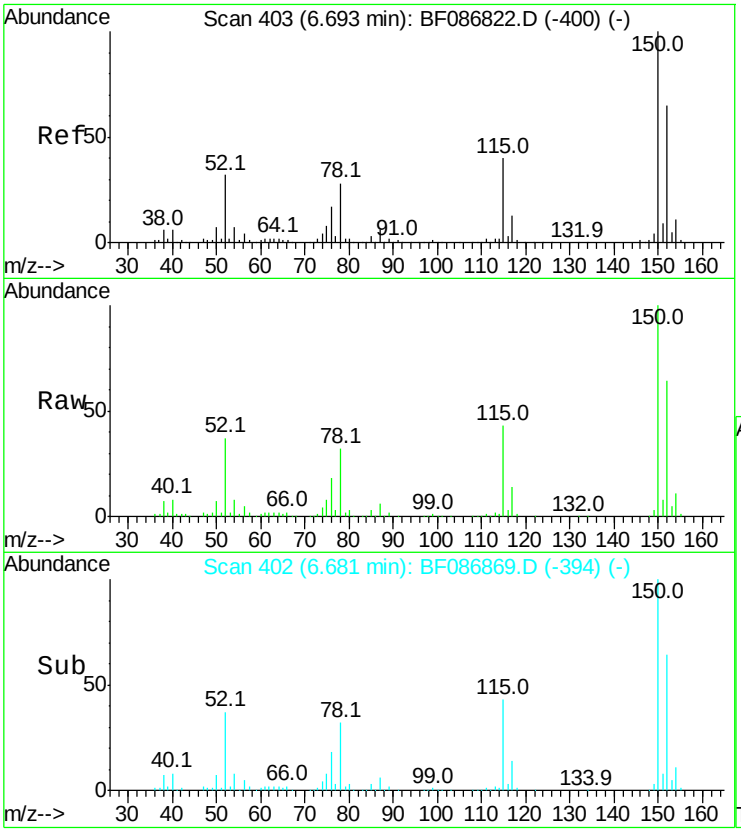


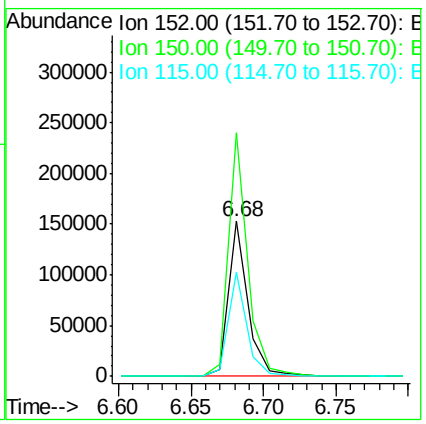


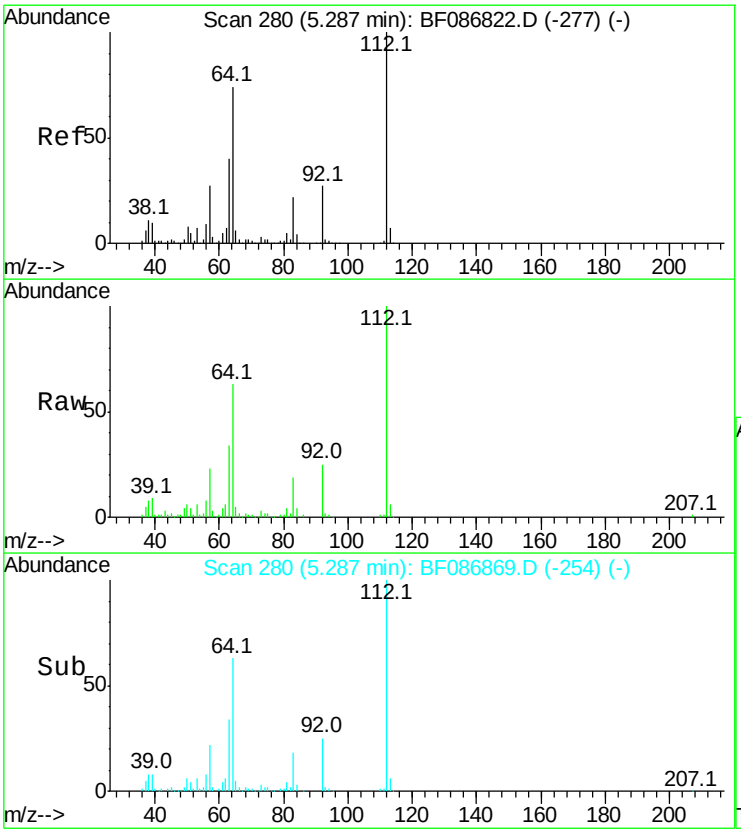
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion:152 Resp: 141970

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	67.2	51.5	77.3

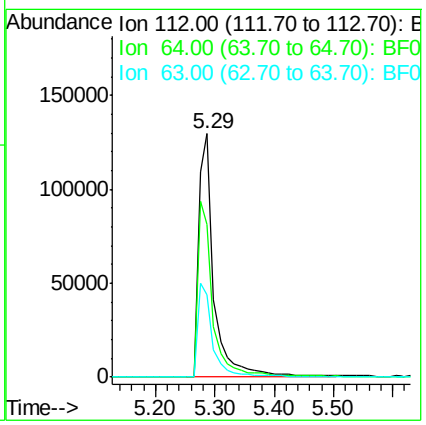


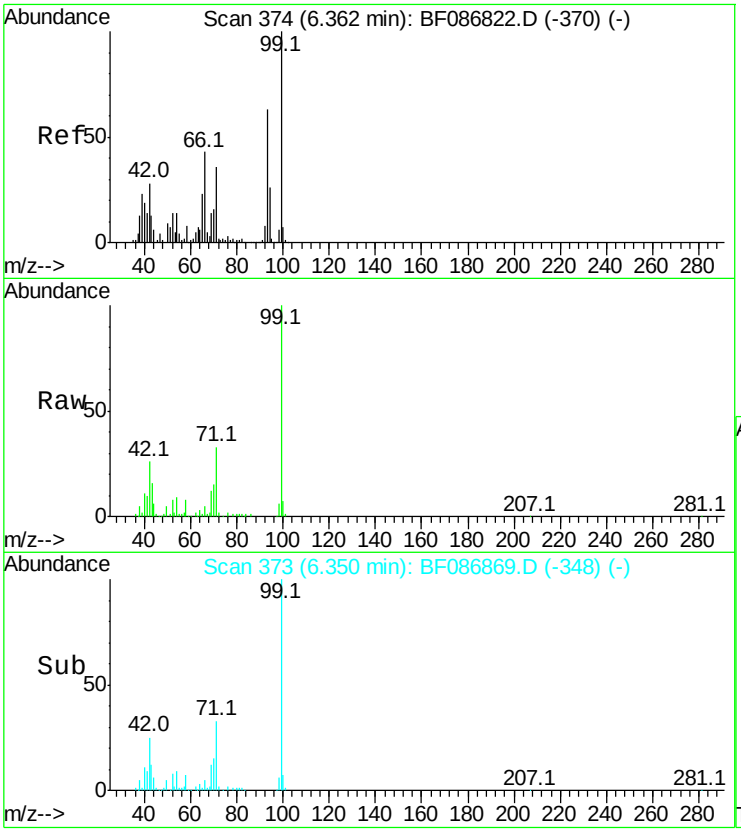


#5
2-Fluorophenol
Concen: 28.33 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:112 Resp: 237478

Ion	Ratio	Lower	Upper
112	100		
64	62.9	52.1	78.1
63	33.7	25.7	38.5



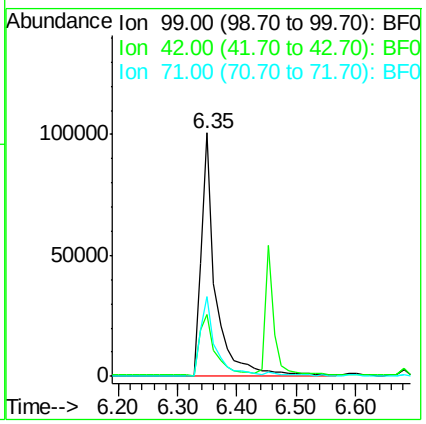


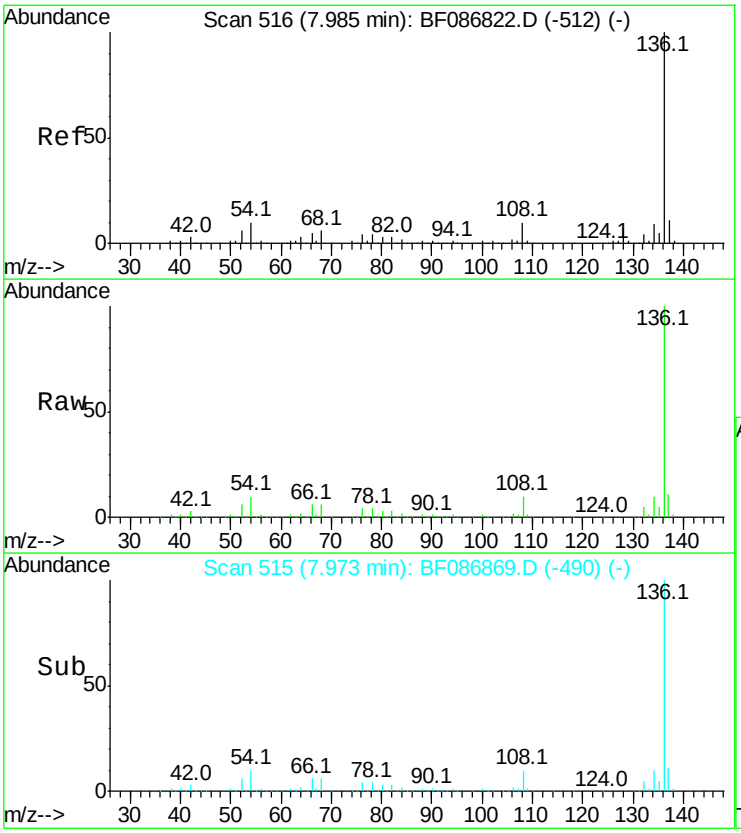
#7
Phenol-d6
Concen: 15.61 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion: 99 Resp: 174904

Ion	Ratio	Lower	Upper
99	100		
42	25.5	13.6	20.4#
71	32.8	24.6	36.8

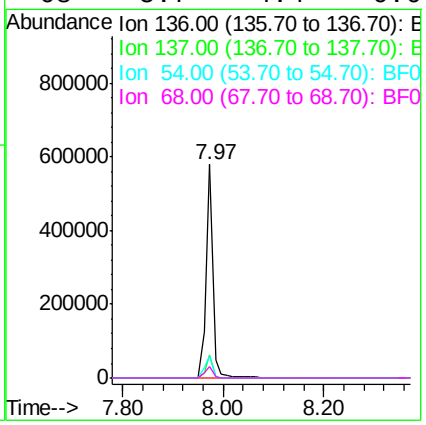


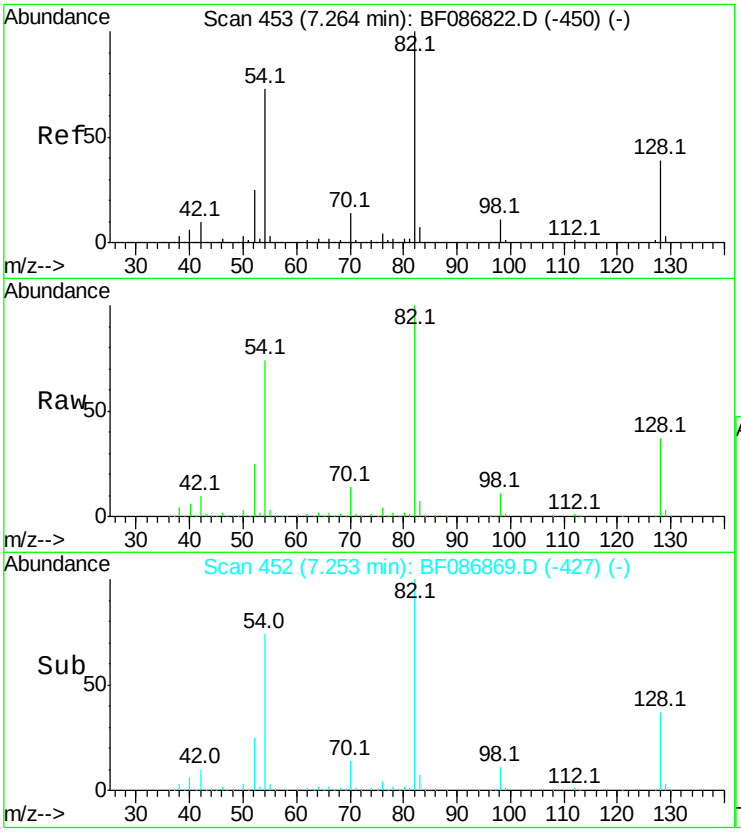


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:136 Resp: 546510

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.5	5.0	7.4#
68	5.7	4.4	6.6



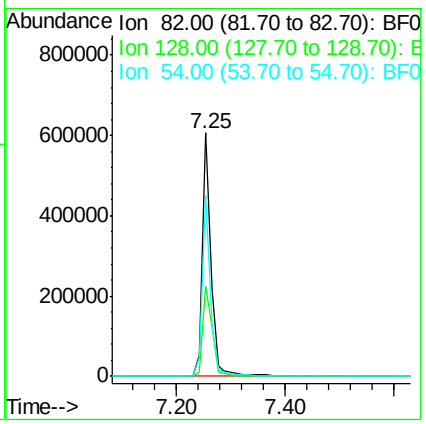


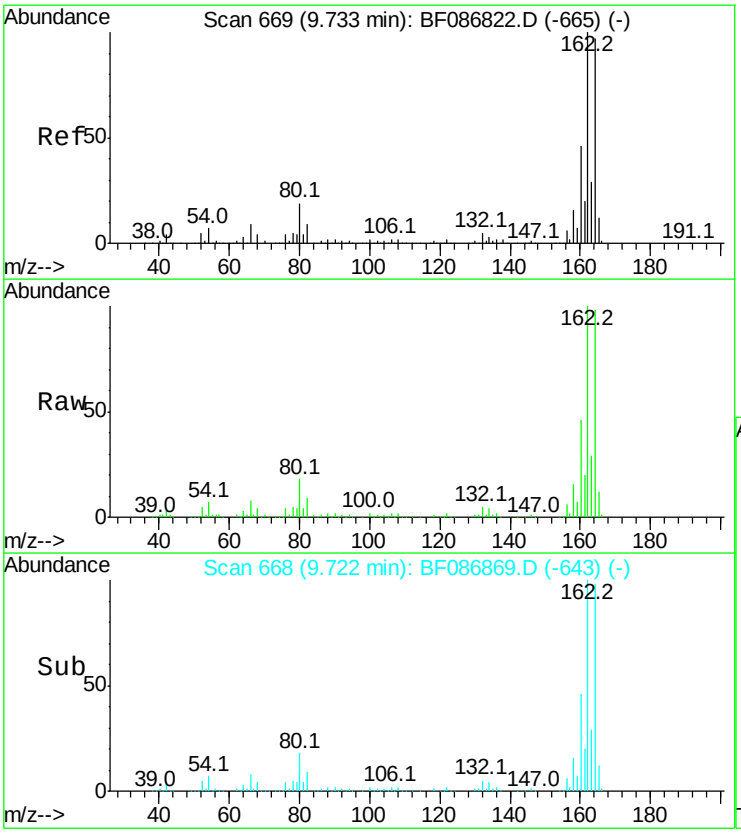
#23
Nitrobenzene-d5
Concen: 61.13 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion: 82 Resp: 665293

Ion	Ratio	Lower	Upper
82	100		
128	37.2	40.6	61.0#
54	74.2	38.1	57.1#

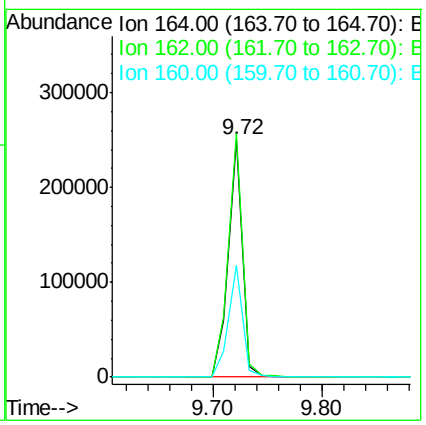


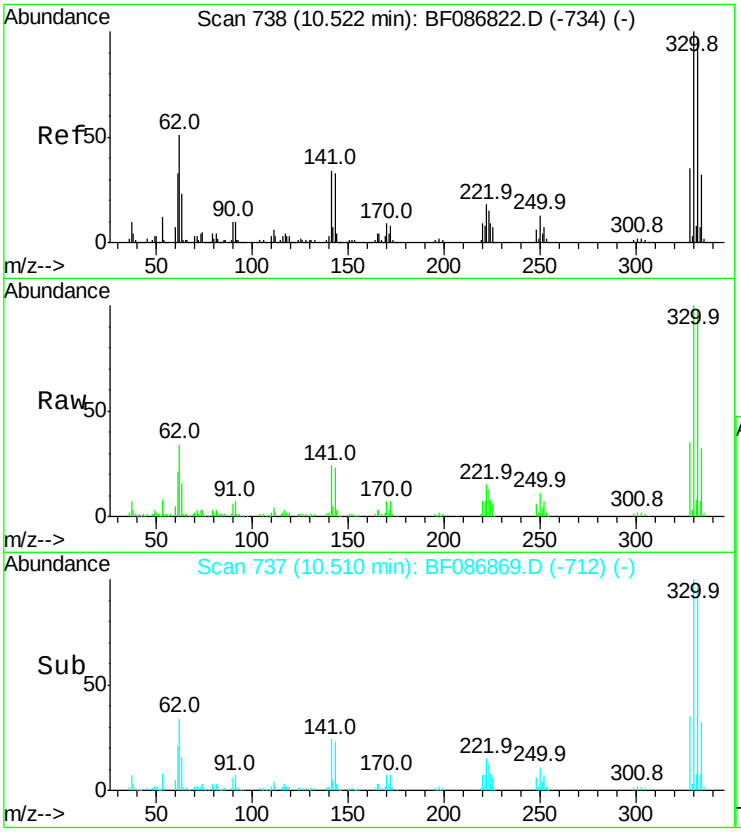


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:164 Resp: 224164

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	46.9	36.9	55.3



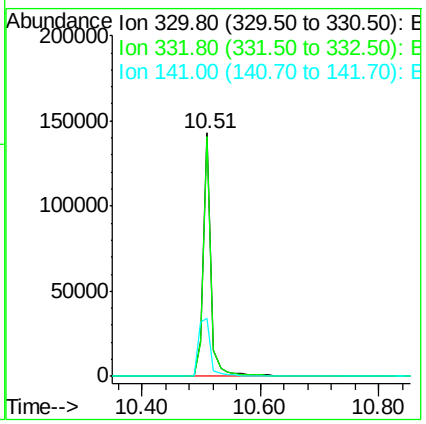


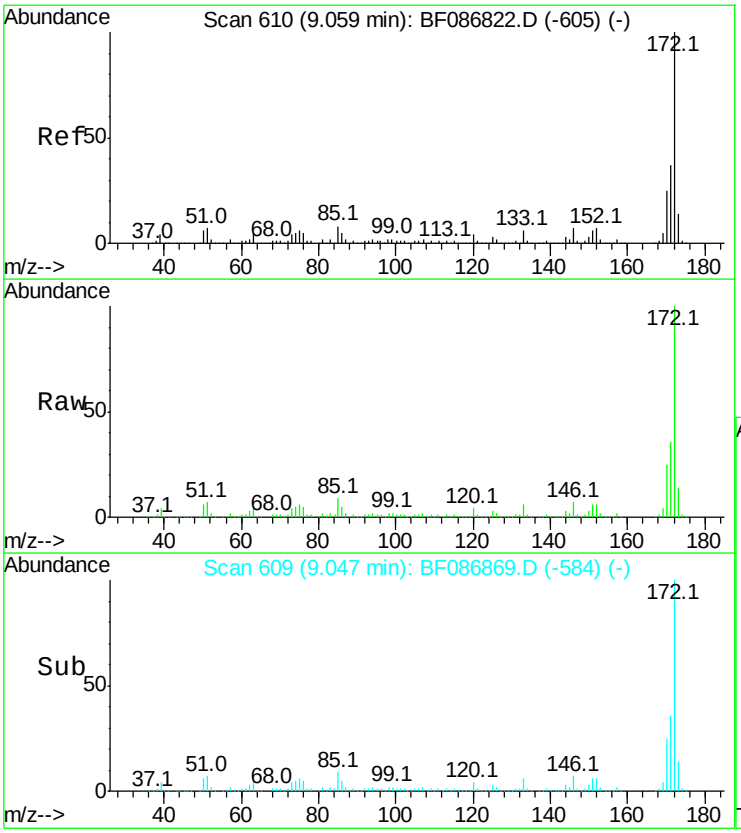
#41
2,4,6-Tribromophenol
Concen: 56.91 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion:330 Resp: 135057

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	37.7	31.2	46.8

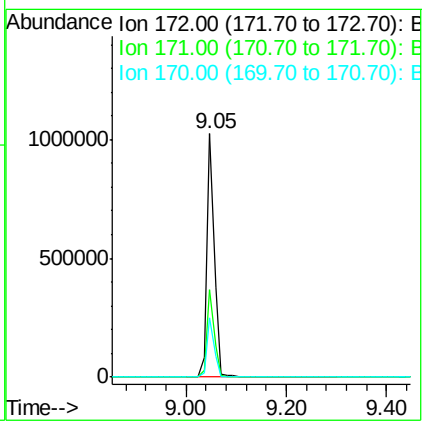


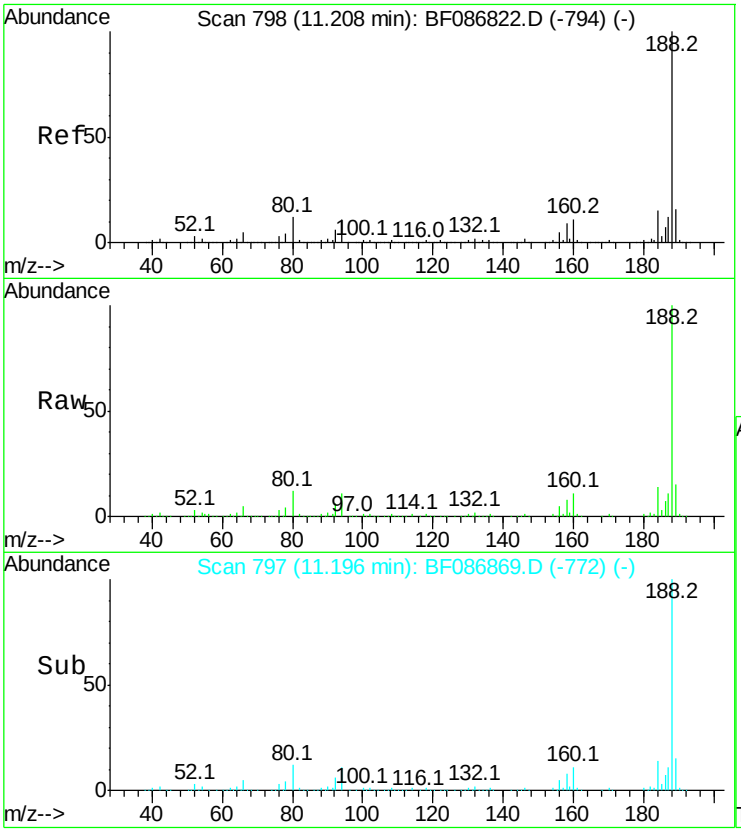


#44
2-Fluorobiphenyl
Concen: 79.09 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:172 Resp: 1054887

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.6	19.8	29.8



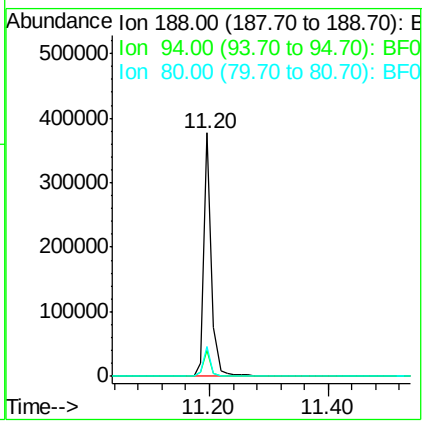


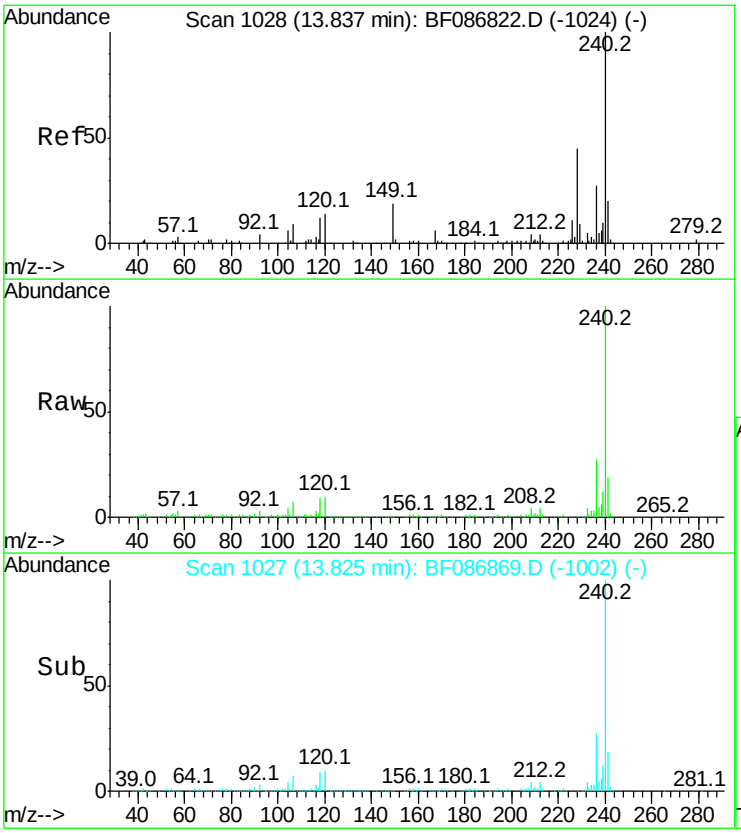
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion:188 Resp: 344999

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.8	10.2#
80	12.1	7.1	10.7#

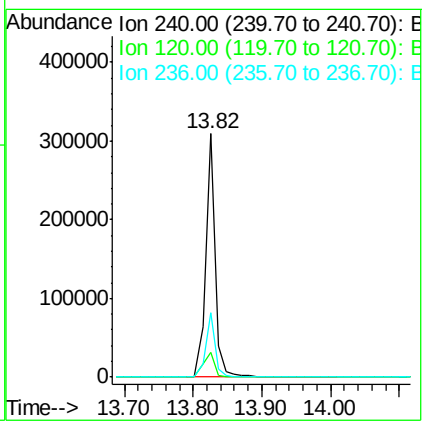


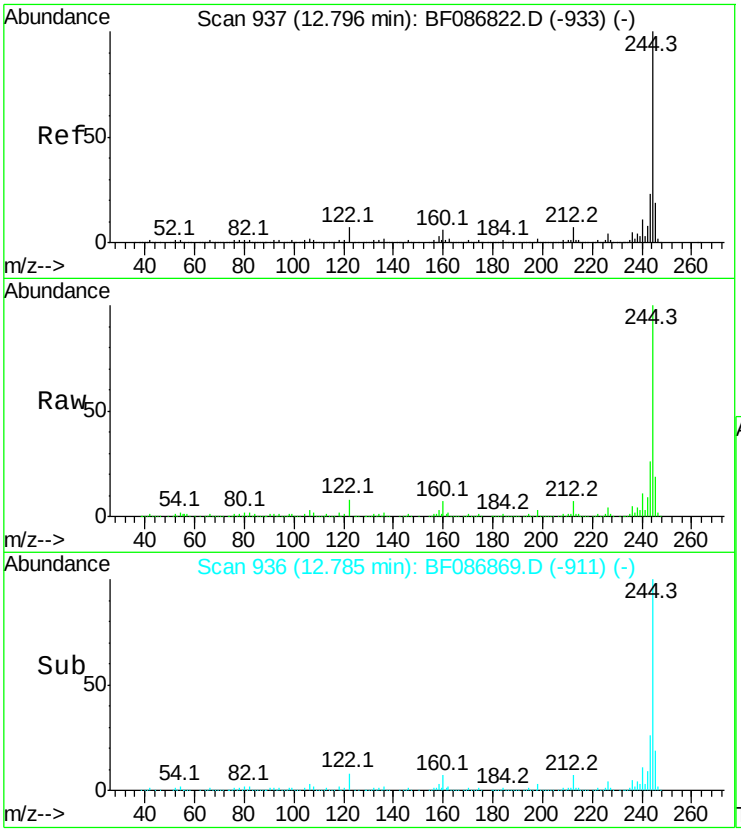


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:240 Resp: 298124

Ion	Ratio	Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.7	21.2	31.8



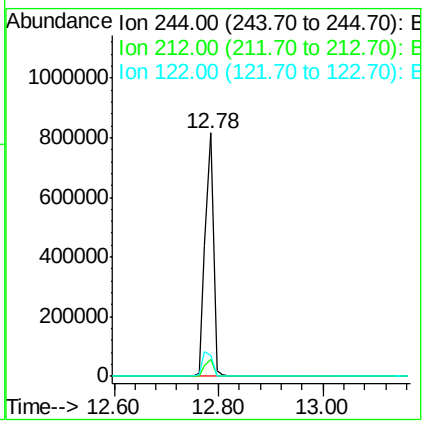


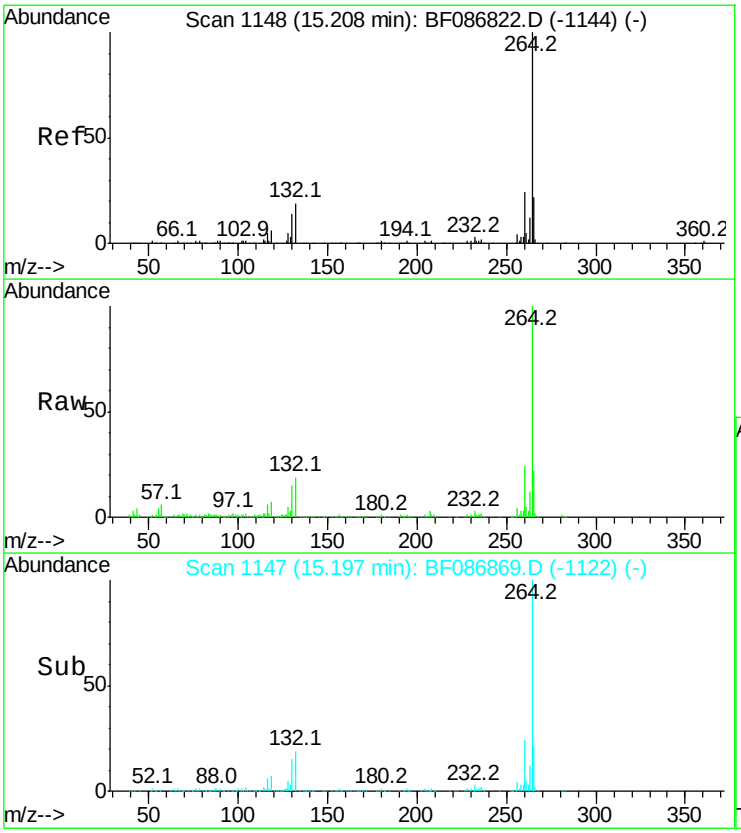
#78
Terphenyl-d14
Concen: 63.89 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SES-CS-EF-Q2

Tgt Ion:244 Resp: 897792

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.5	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF086869.D
Acq: 10 May 2016 19:42

Tgt Ion:264 Resp: 253842

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9