Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Time: Feb 08 02:47:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170815	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	710209	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	302178	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	537244	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	344450	20.00	ng	-0.03
86) Perylene-d12	15.17	264	329288	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1433354	130.70	ng	-0.01
7) Phenol-d6	6.32	99	1569615	115.45	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1145718	90.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	457275	145.08	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1944369	134.06	ng	-0.03
78) Terphenyl-d14	12.76	244	1417309	93.24	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	697104	19.57	ng	98
37) 2-Methylnaphthalene	8.66	142	135252	6.07	ng	99
51) Acenaphthene	9.72	154	43820	2.23	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

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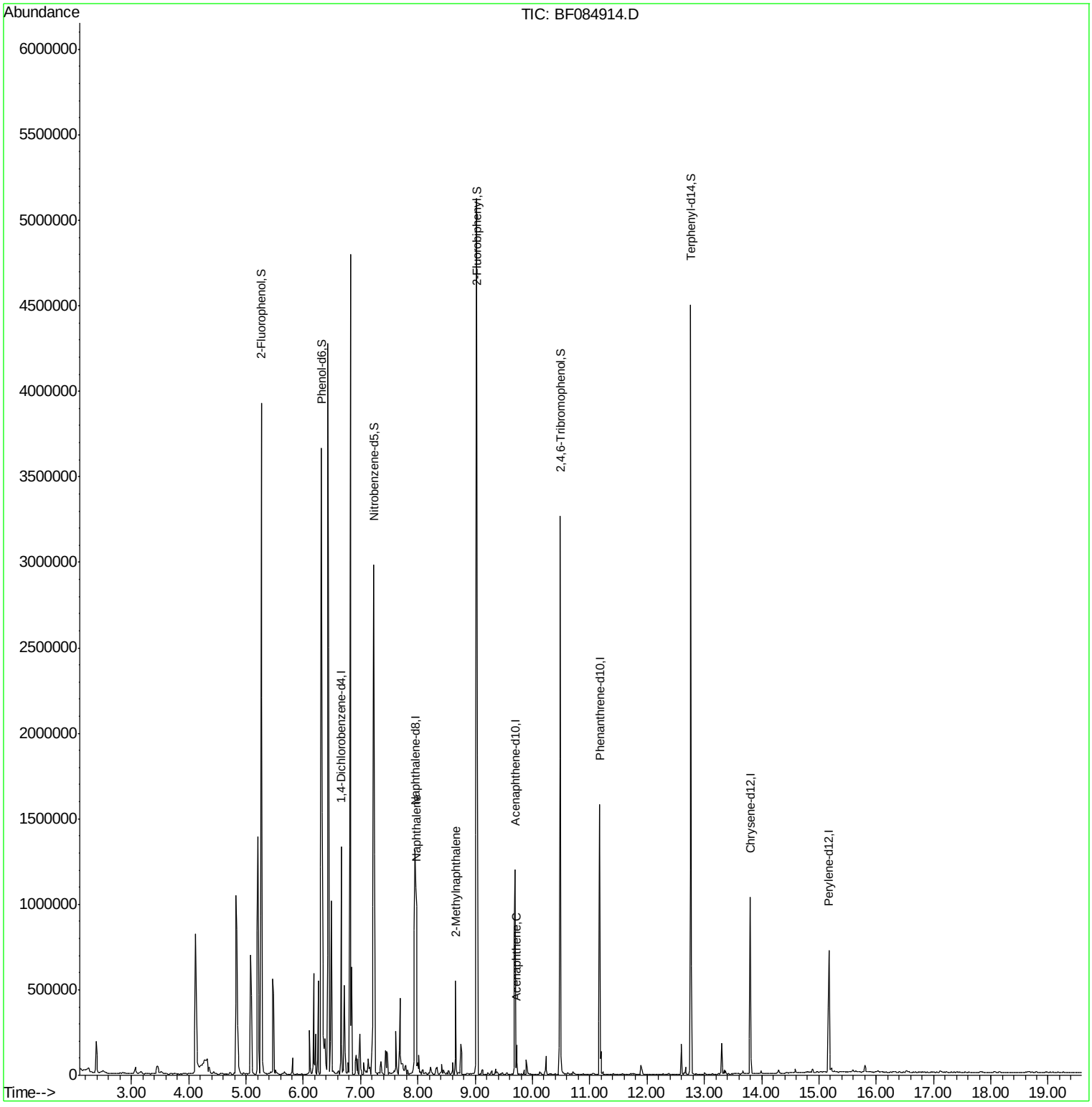
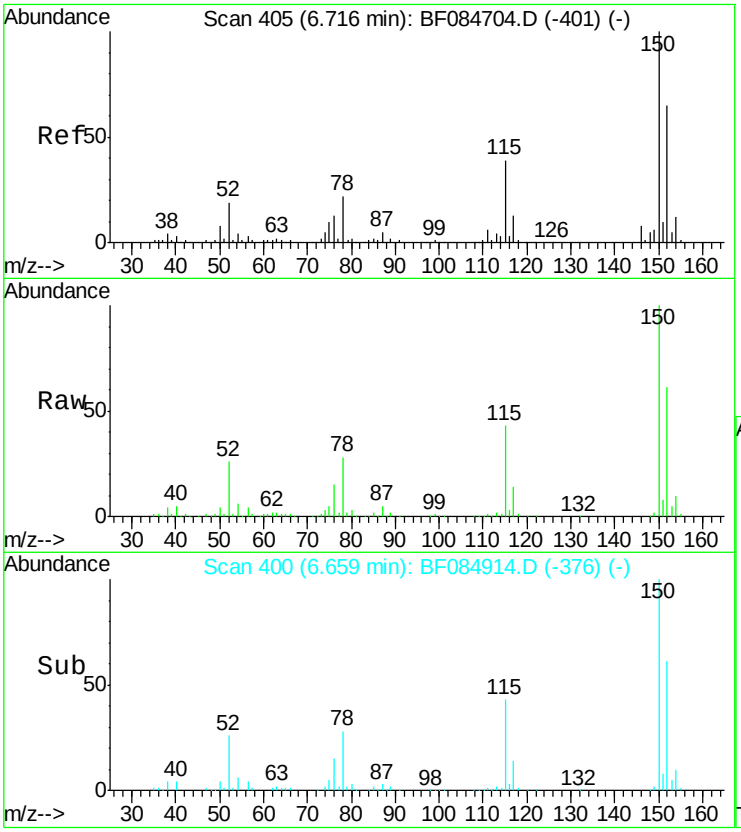


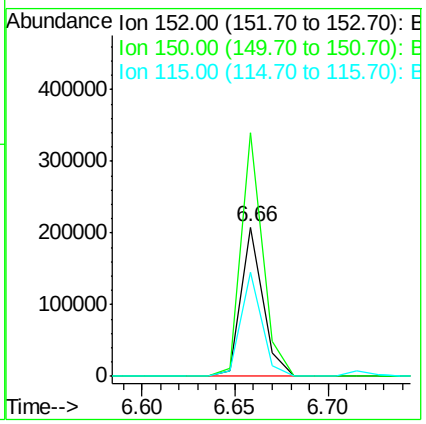


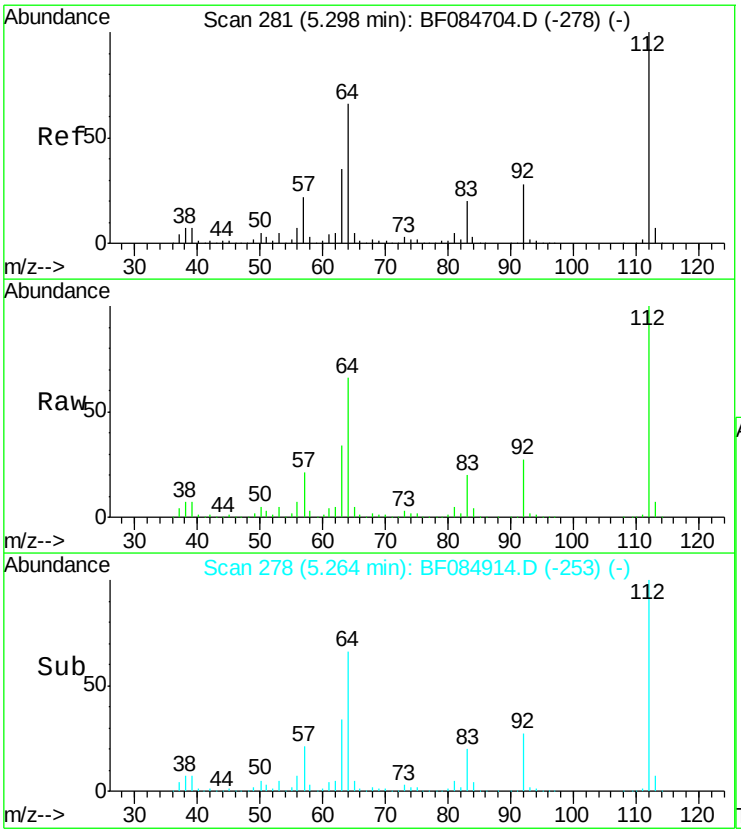
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:152 Resp: 170815

Ion	Ratio	Lower	Upper
152	100		
150	163.3	123.0	184.4
115	70.0	51.4	77.2

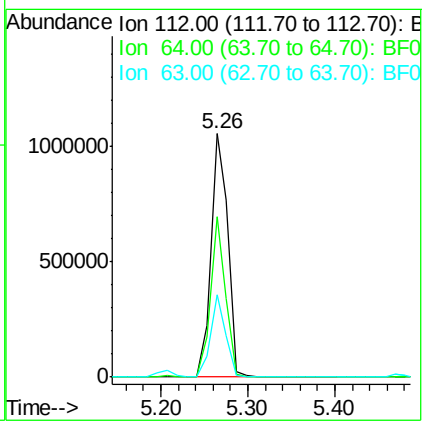


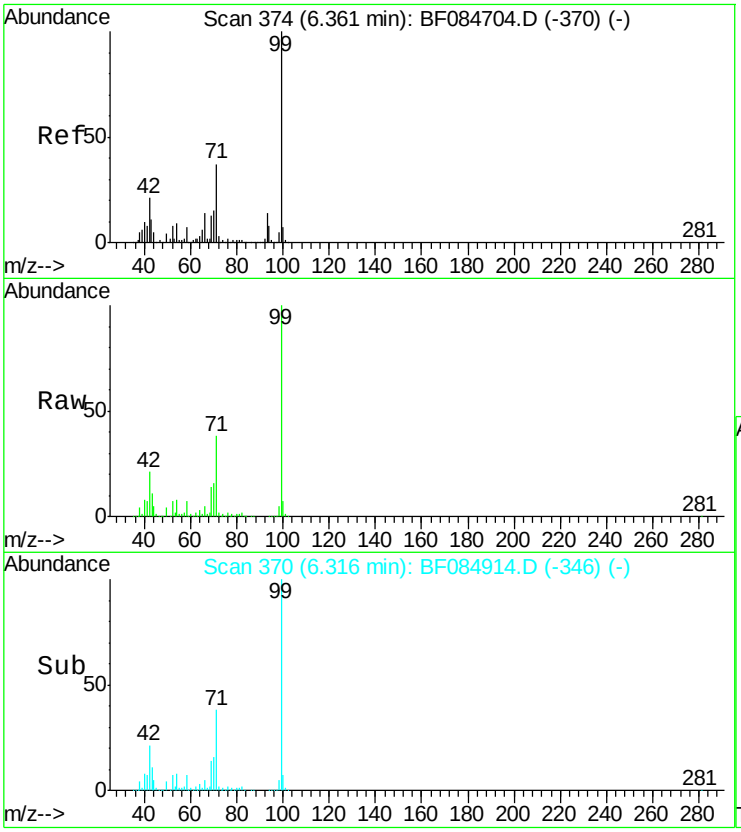


#5
2-Fluorophenol
Concen: 130.70 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:112 Resp: 1433354

Ion	Ratio	Lower	Upper
112	100		
64	65.9	36.6	55.0#
63	33.9	19.4	29.0#



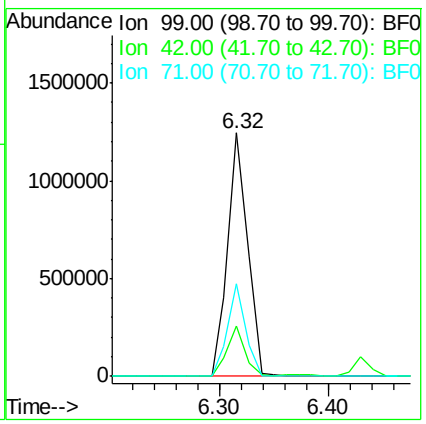


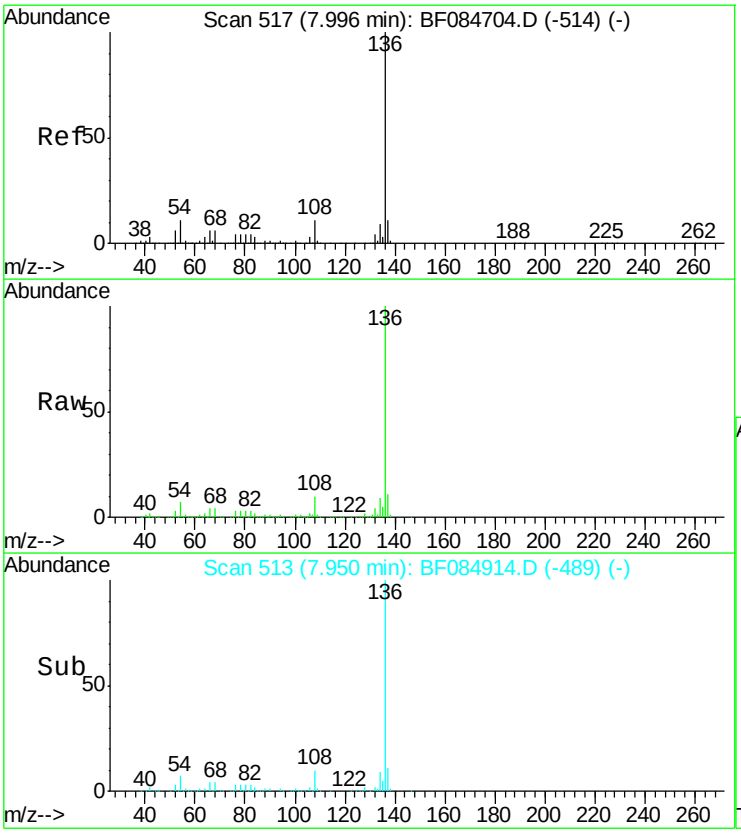
#7
Phenol-d6
Concen: 115.45 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion: 99 Resp: 1569615

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	38.1	30.9	46.3

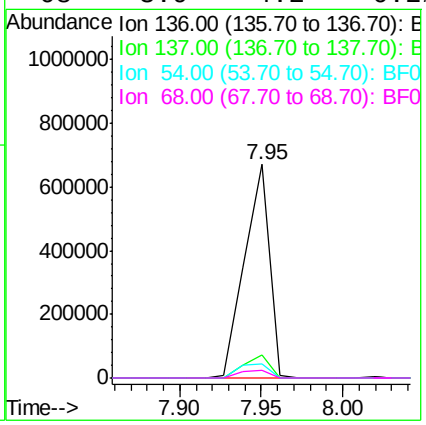


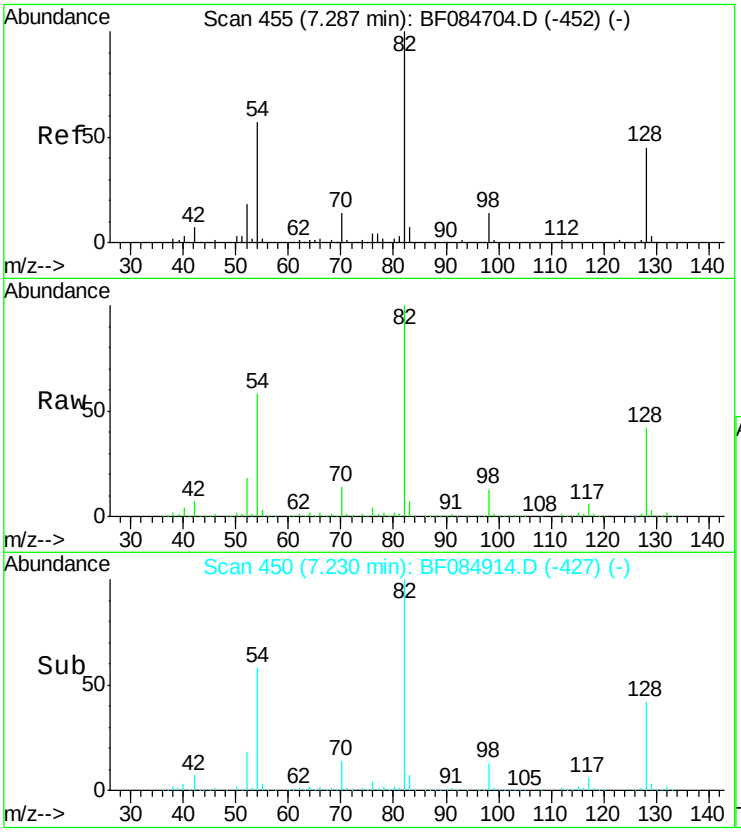


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:136 Resp: 710209

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.5	5.8	8.8
68	3.9	4.2	6.2#



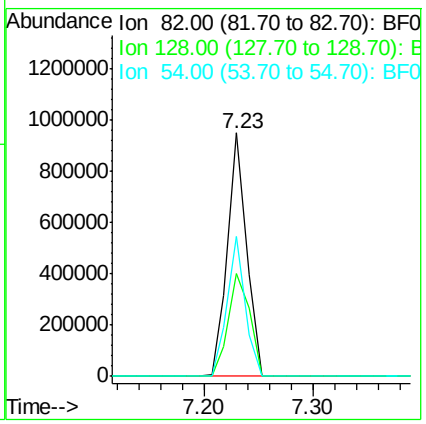


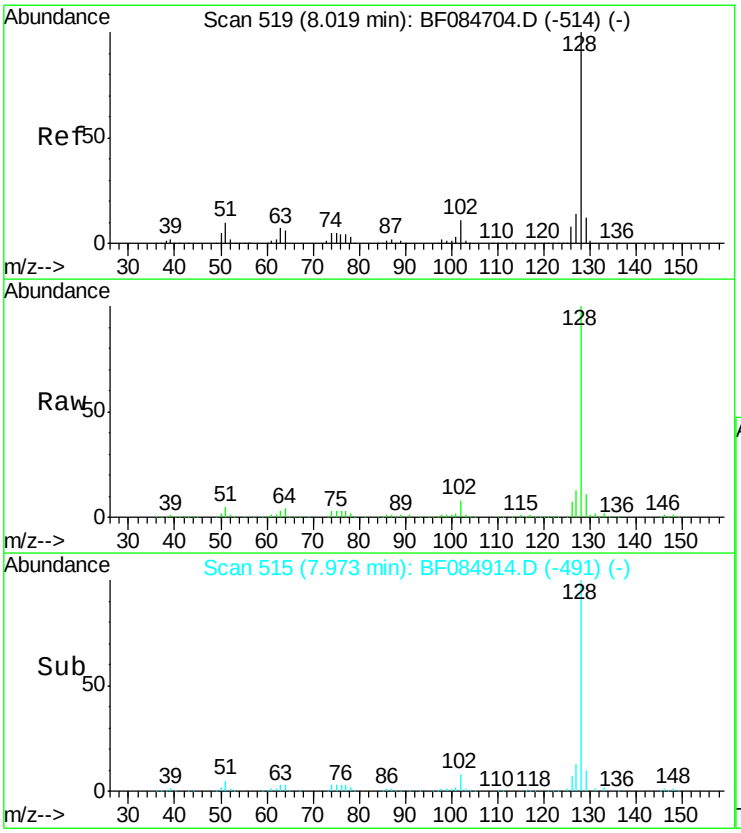
#23
Nitrobenzene-d5
Concen: 90.88 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion: 82 Resp: 1145718

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	57.6	38.4	57.6

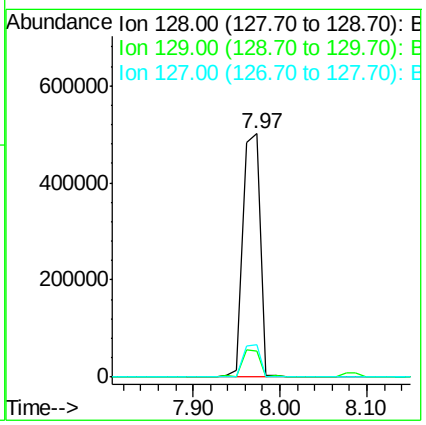


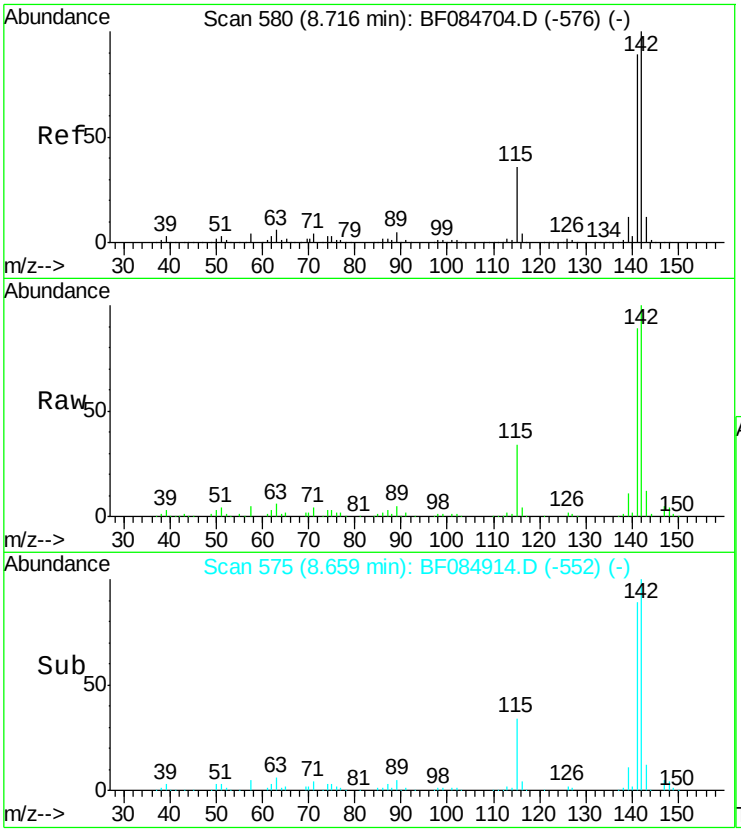


#31
Naphthalene
Concen: 19.57 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:128 Resp: 697104

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.3	11.1	16.7



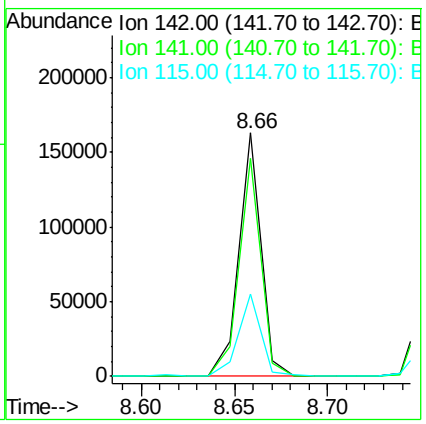


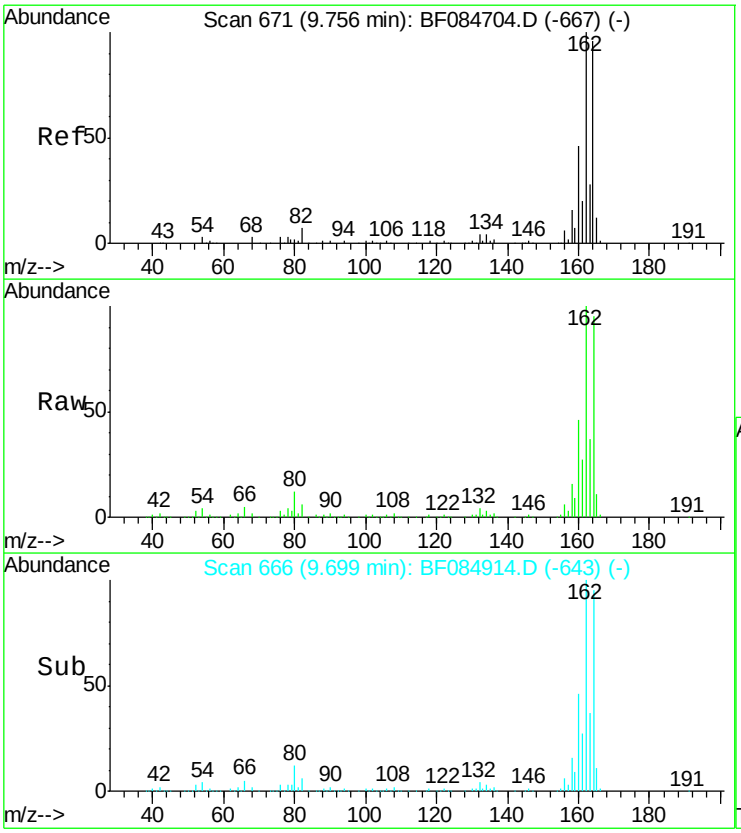
#37
2-Methylnaphthalene
Concen: 6.07 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:142 Resp: 135252

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.4	108.6
115	34.1	27.9	41.9

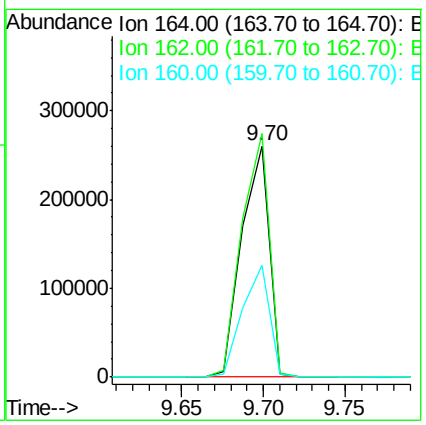


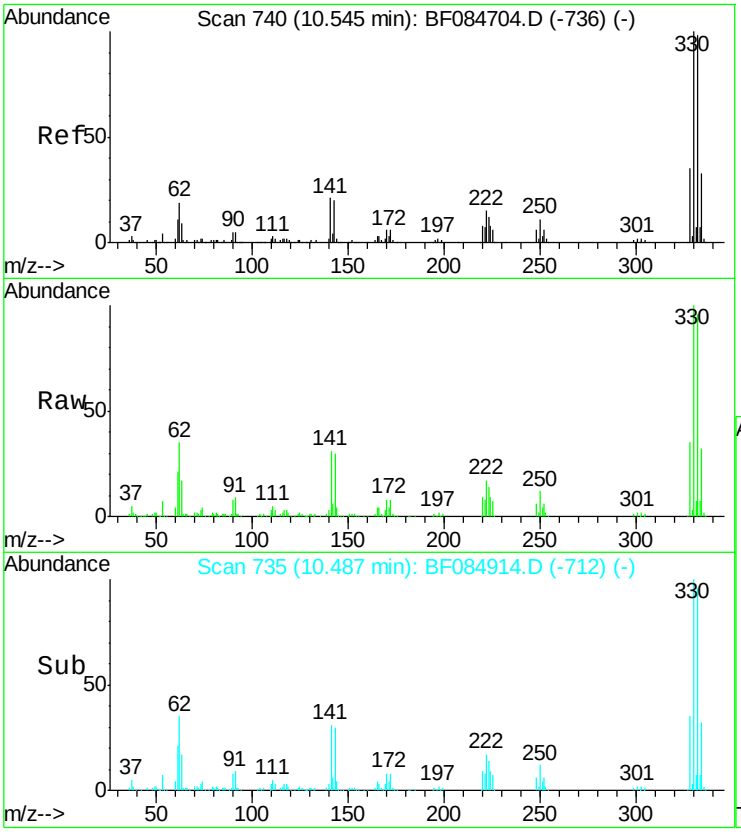


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:164 Resp: 302178

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	48.7	37.5	56.3



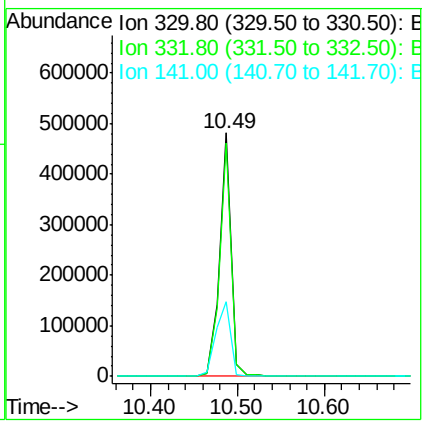


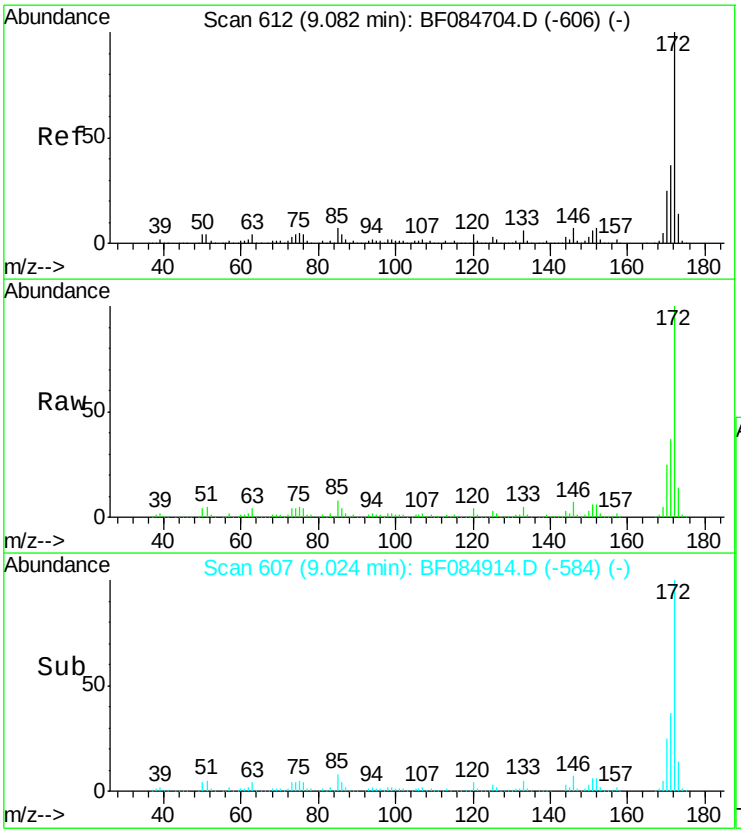
#41
2,4,6-Tribromophenol
Concen: 145.08 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:330 Resp: 457275

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	38.8	27.8	41.6

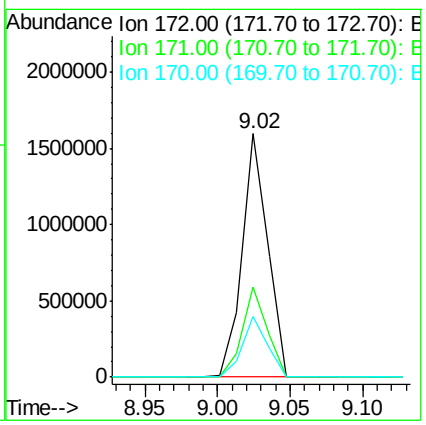


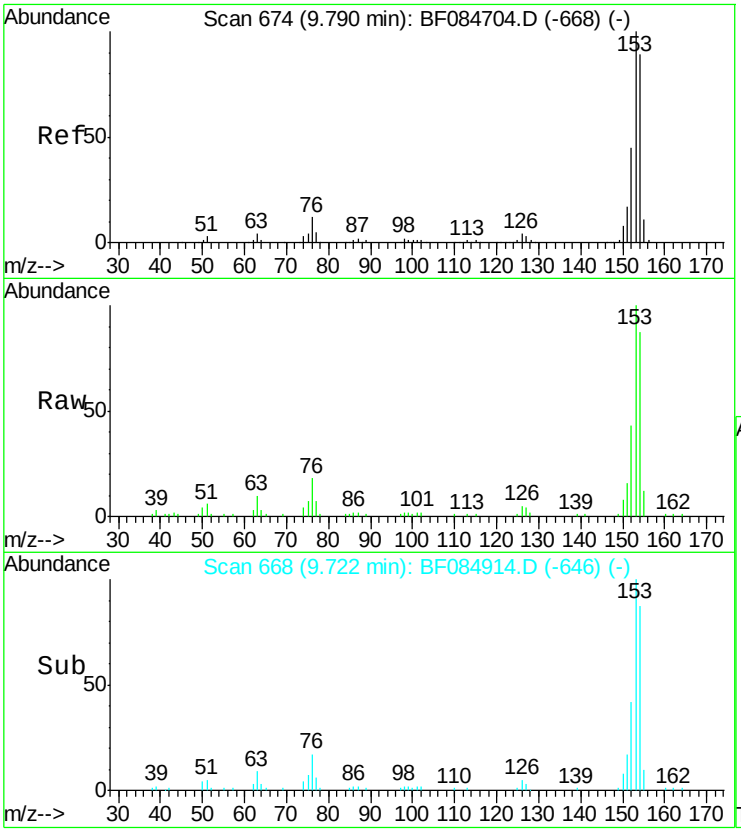


#44
2-Fluorobiphenyl
Concen: 134.06 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:172 Resp: 1944369

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.9	18.6	27.8



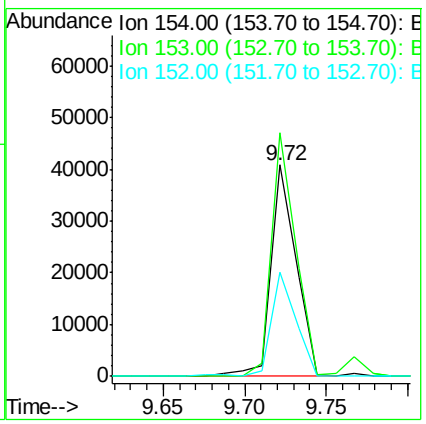


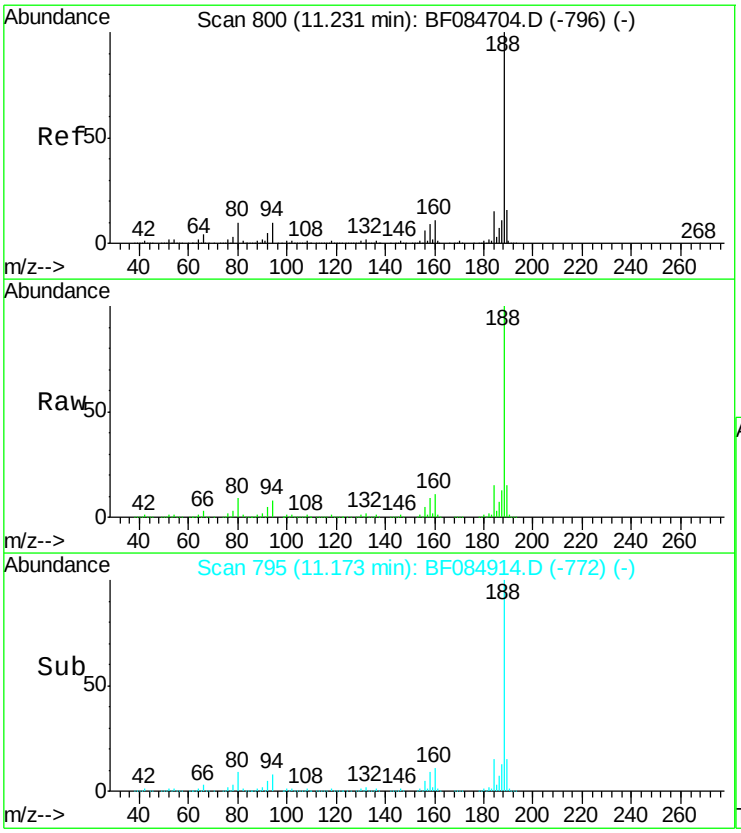
#51
Acenaphthene
Concen: 2.23 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.05 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:154 Resp: 43820

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.5	137.3
152	49.2	43.0	64.6

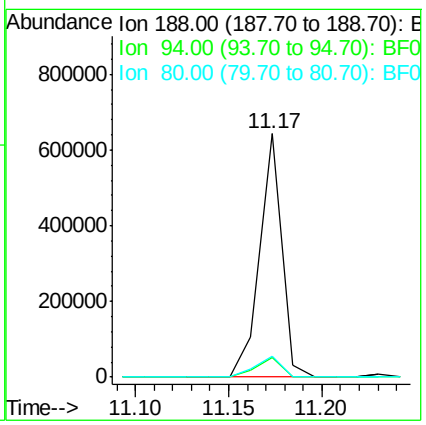


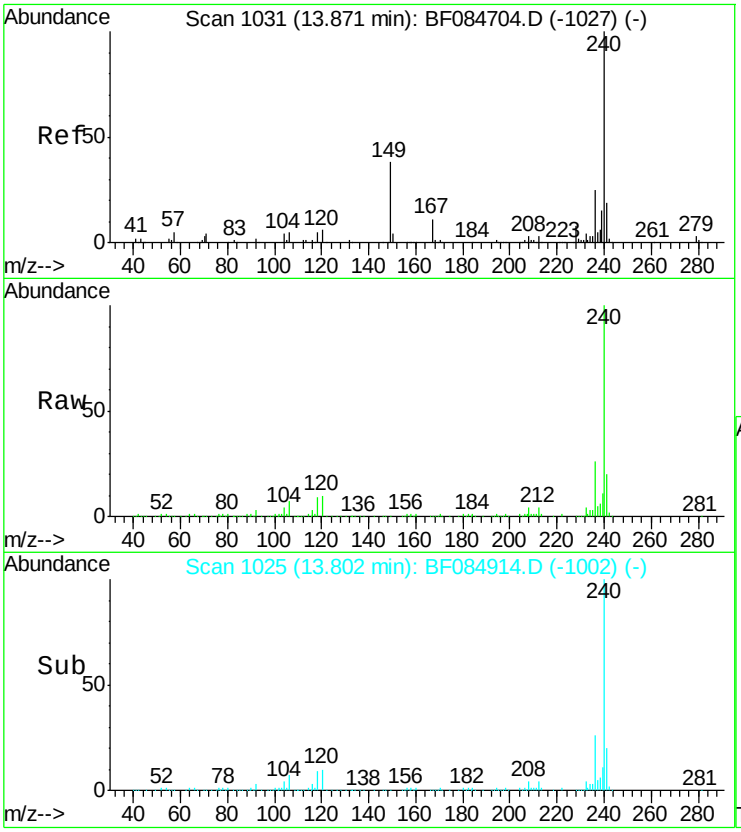


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:188 Resp: 537244

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.6	9.6	14.4#



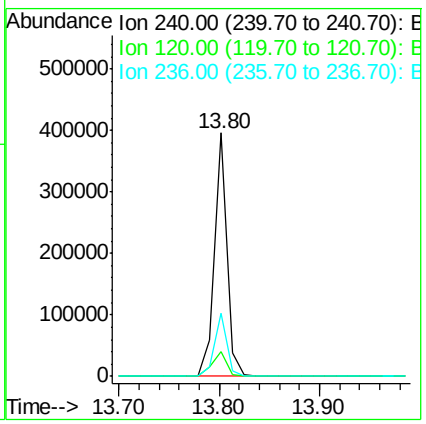


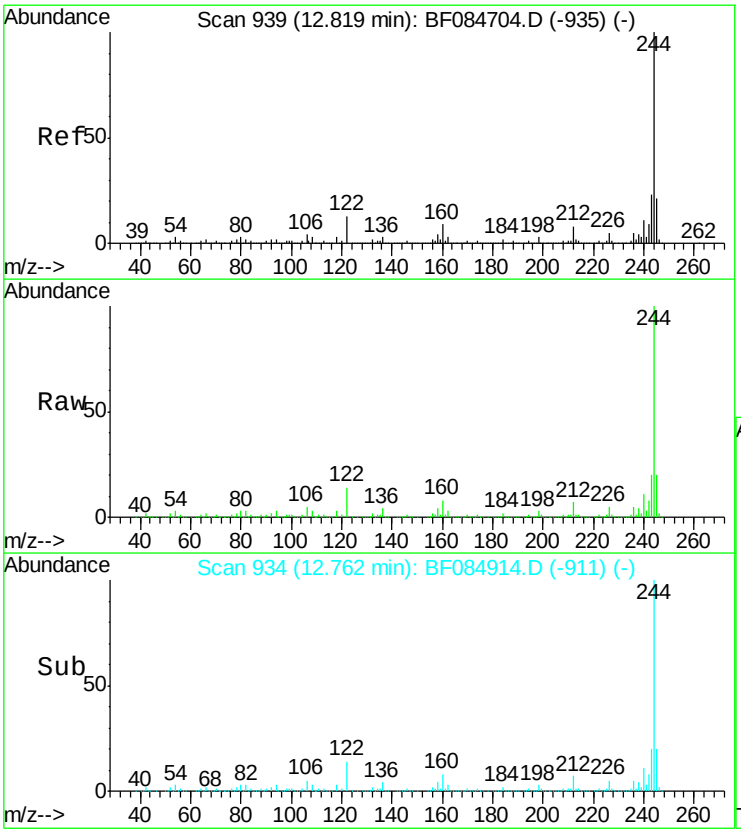
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:240 Resp: 344450

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.7	20.6	31.0

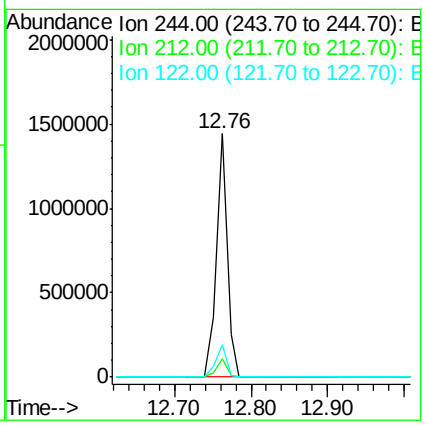


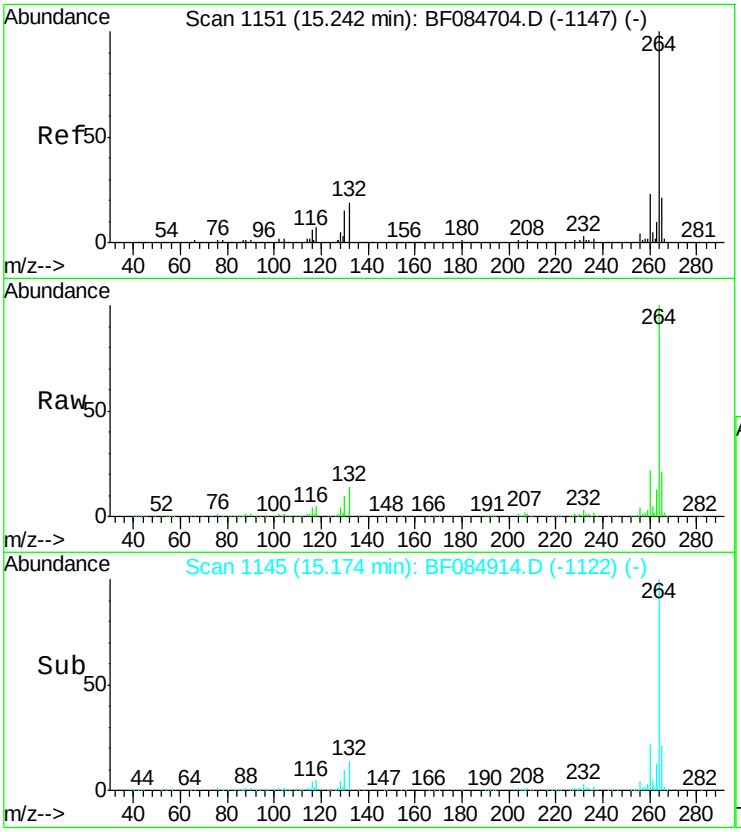


#78
Terphenyl-d14
Concen: 93.24 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Tgt Ion:244 Resp: 1417309

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	13.5	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084914.D
Acq: 6 Feb 2016 16:21

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:264 Resp: 329288

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.3	17.8	26.6