Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084908.D
Acq On : 6 Feb 2016 13:35
Operator : SJ/IZ
Sample : H1310-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(25-27)

Quant Time: Feb 08 02:33:22 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	170150	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	714966	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	309831	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	526517	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	357225	20.00	ng	-0.03
86) Perylene-d12	15.17	264	341461	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1248547	114.30	ng	-0.01
7) Phenol-d6	6.32	99	1501844	110.90	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1073468	84.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	425839	131.77	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1800004	107.20	ng	-0.03
78) Terphenyl-d14	12.76	244	1307178	82.92	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	1907306	53.18	ng	99
37) 2-Methylnaphthalene	8.66	142	241547	10.76	ng	98

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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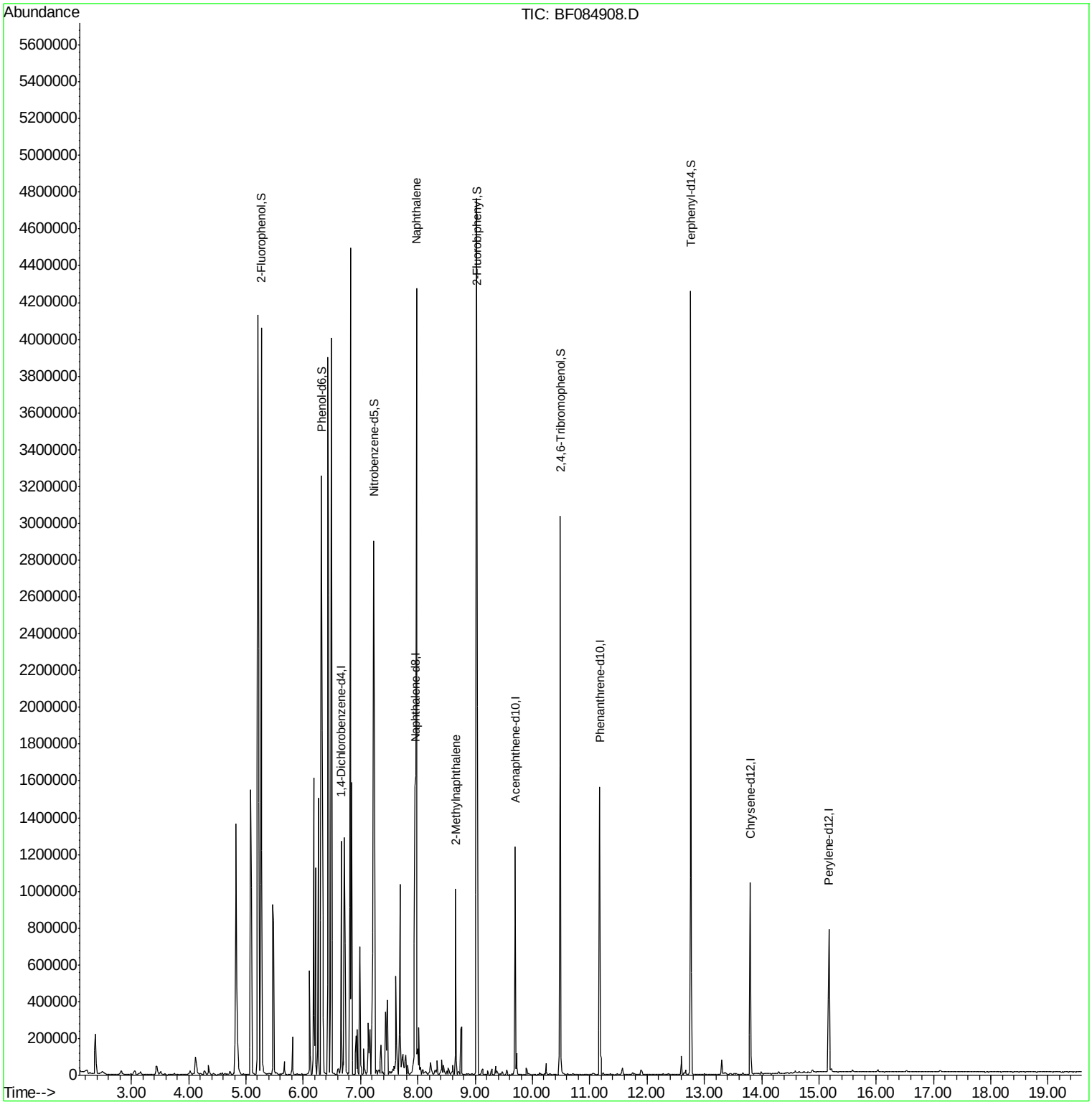
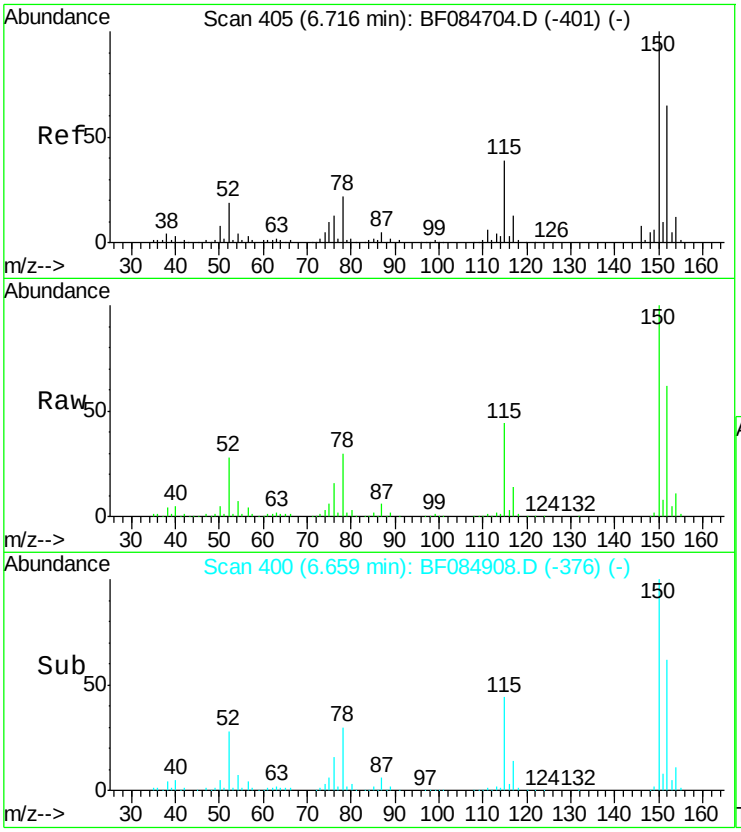


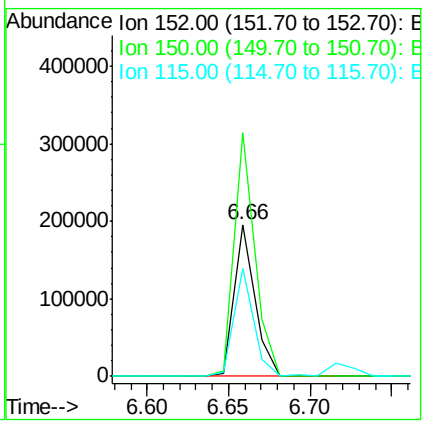


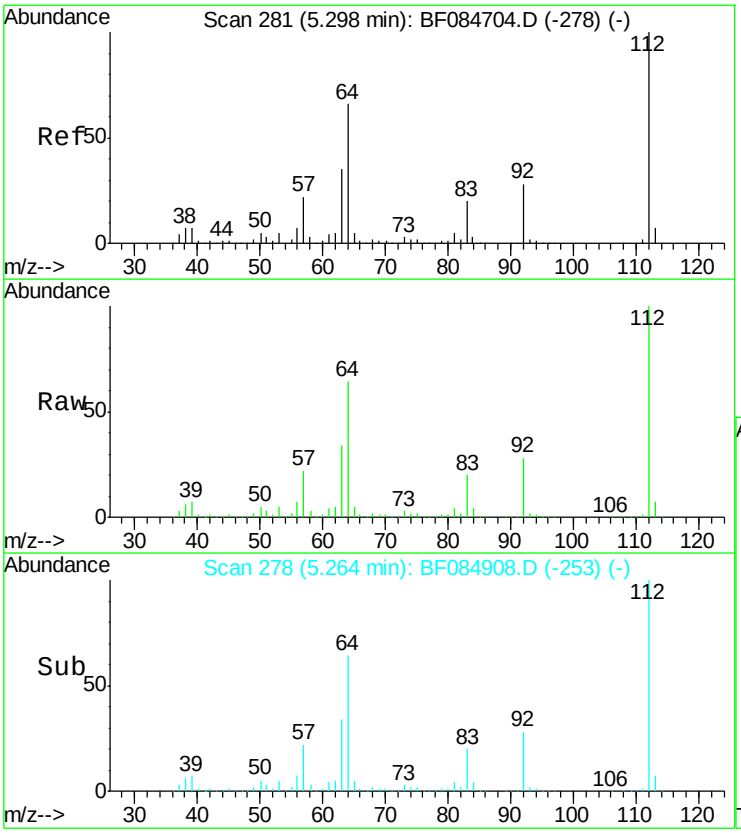
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion:152 Resp: 170150

Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.0	184.4
115	71.4	51.4	77.2

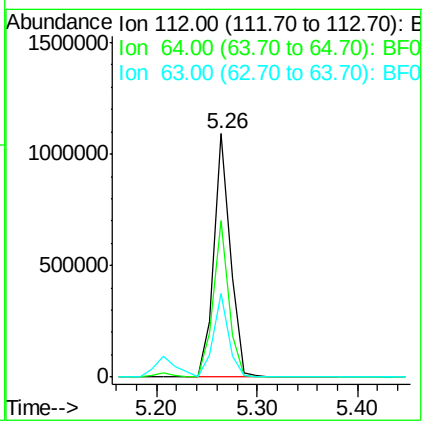


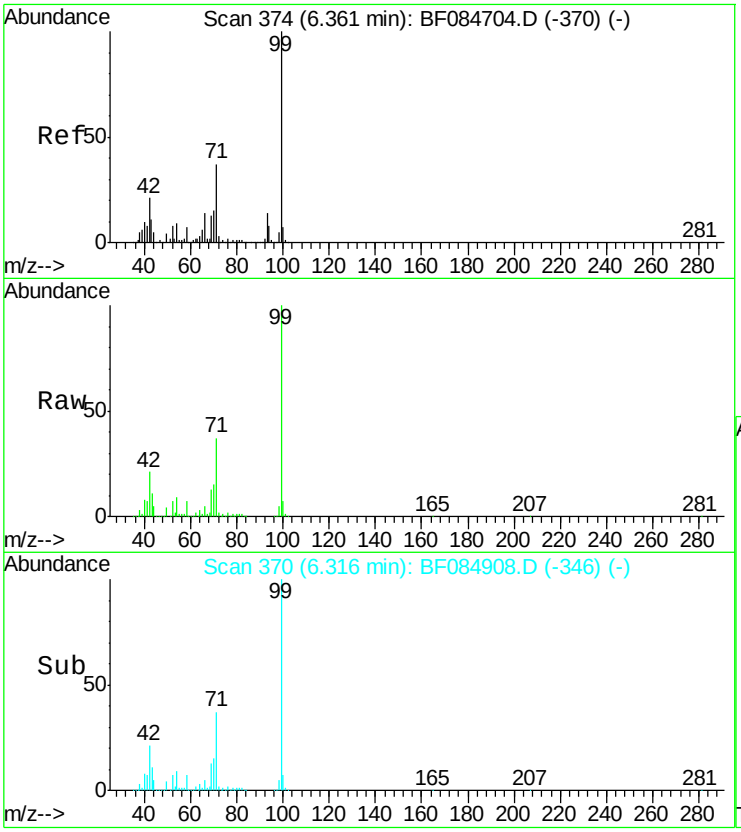


#5
2-Fluorophenol
Concen: 114.30 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:112 Resp: 1248547

Ion	Ratio	Lower	Upper
112	100		
64	64.4	36.6	55.0#
63	34.2	19.4	29.0#



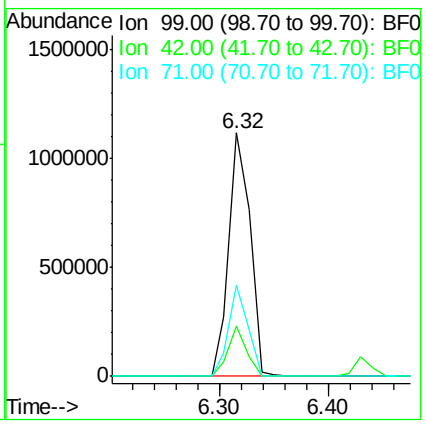


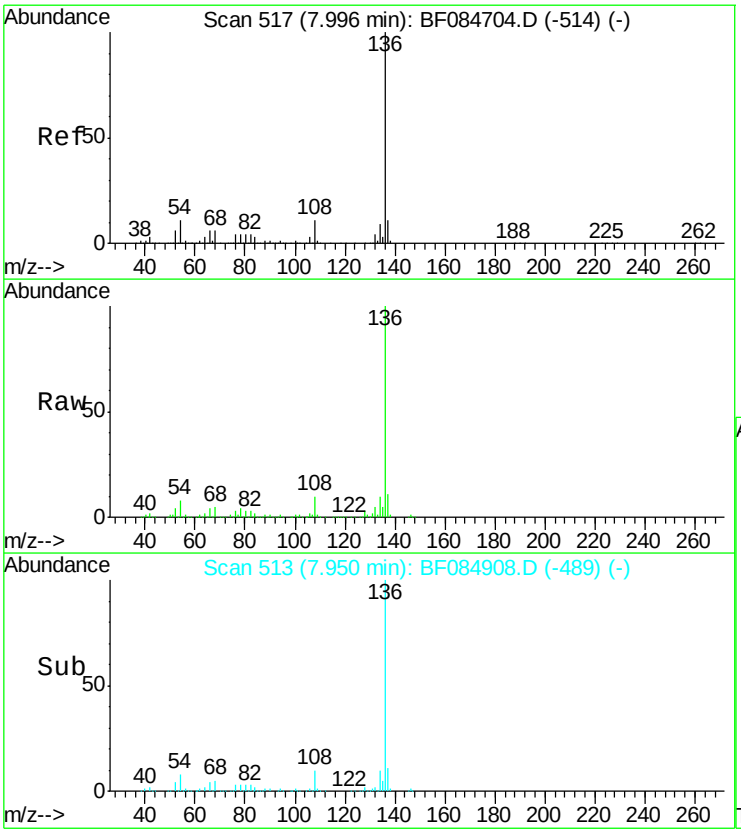
#7
Phenol-d6
Concen: 110.90 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion: 99 Resp: 1501844

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.5	30.9	46.3

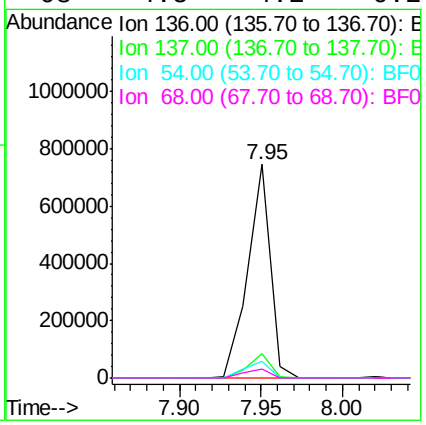


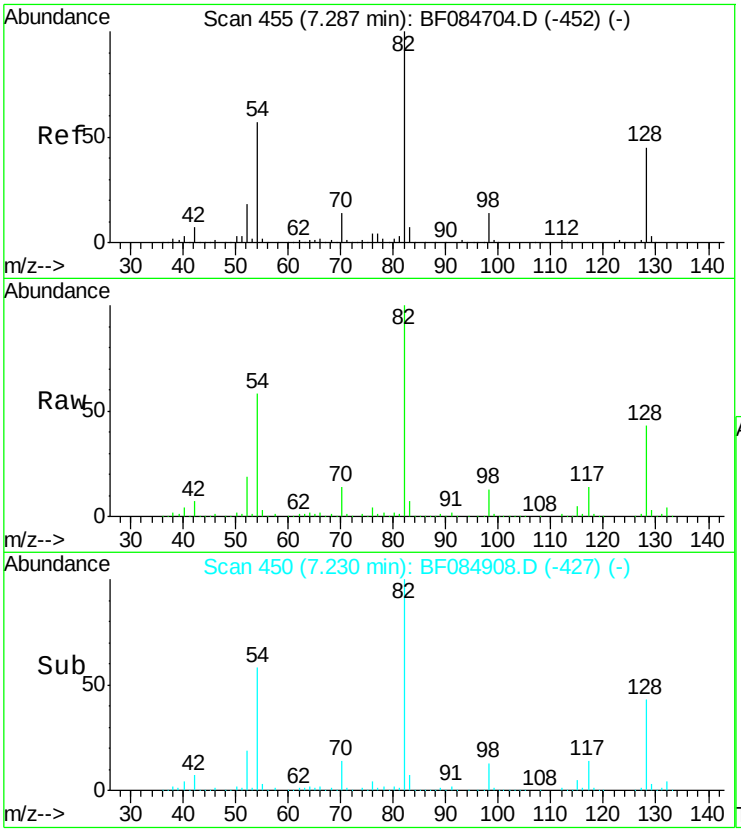


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:136 Resp: 714966

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2



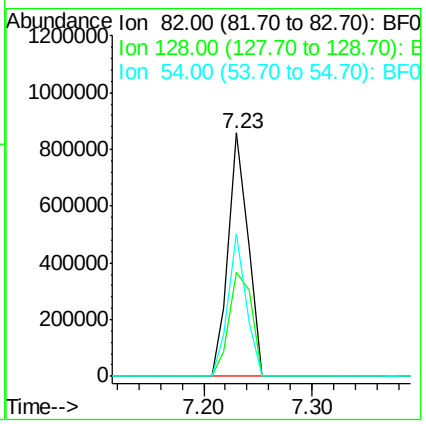


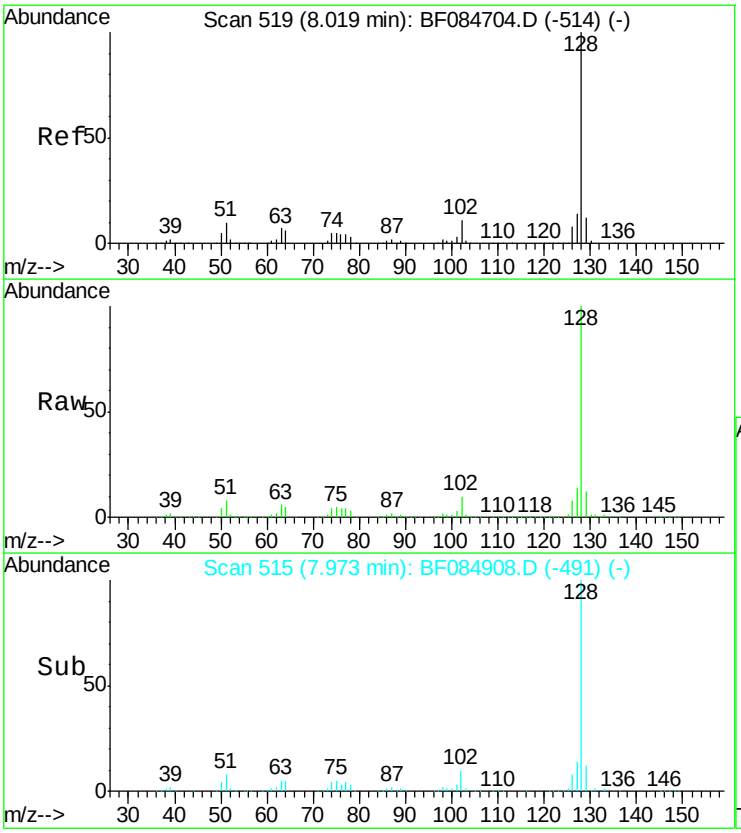
#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion: 82 Resp: 1073468

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	58.3	38.4	57.6#

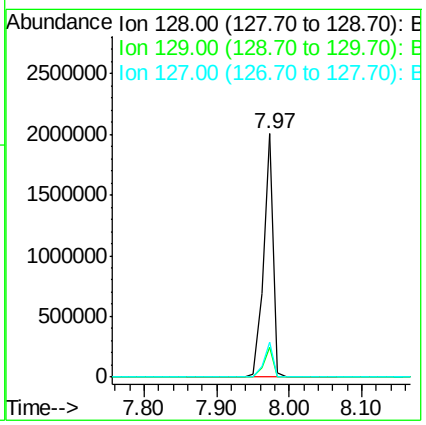


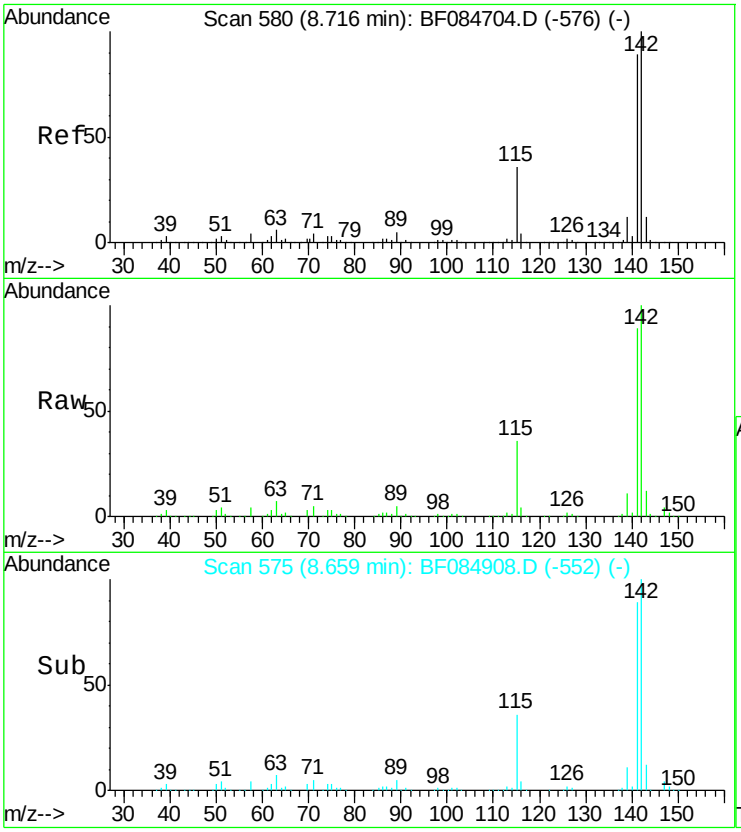


#31
Naphthalene
Concen: 53.18 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:128 Resp: 1907306

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.3	11.1	16.7



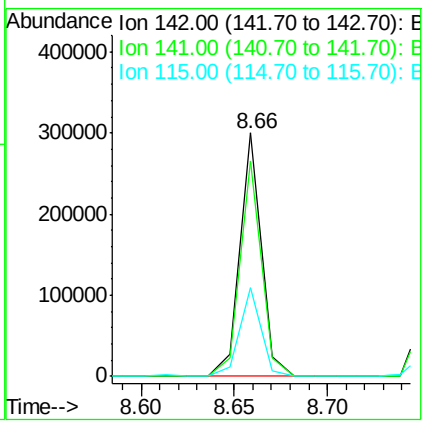


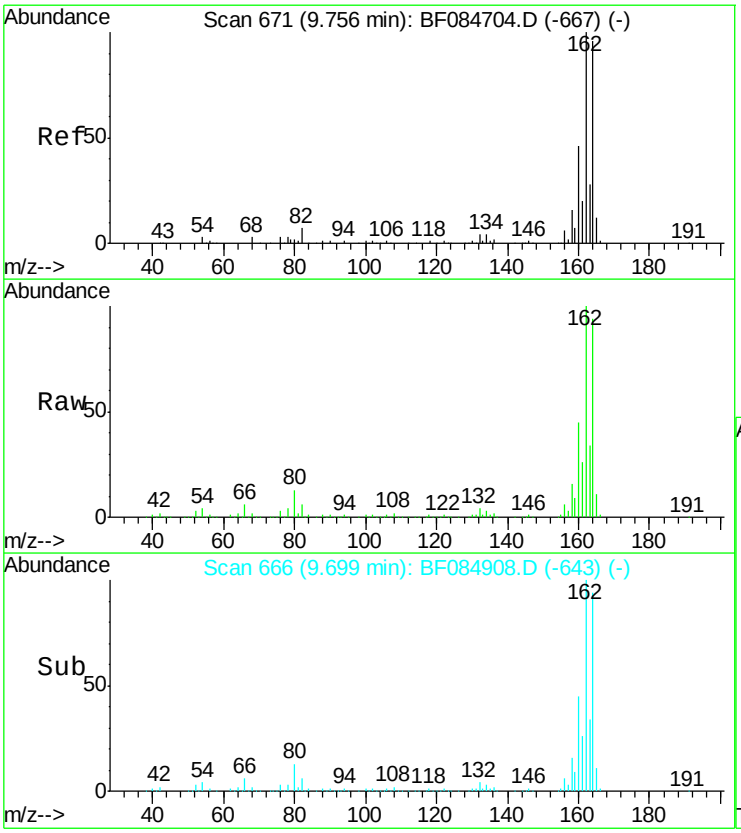
#37
2-Methylnaphthalene
Concen: 10.76 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion:142 Resp: 241547

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	36.2	27.9	41.9

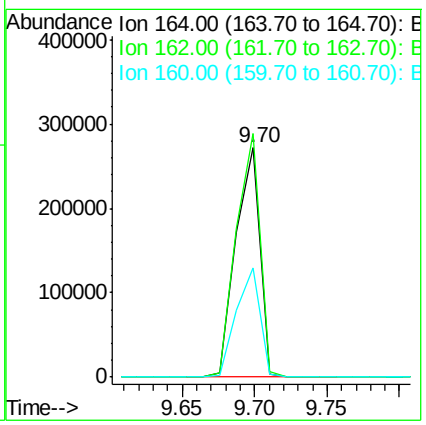


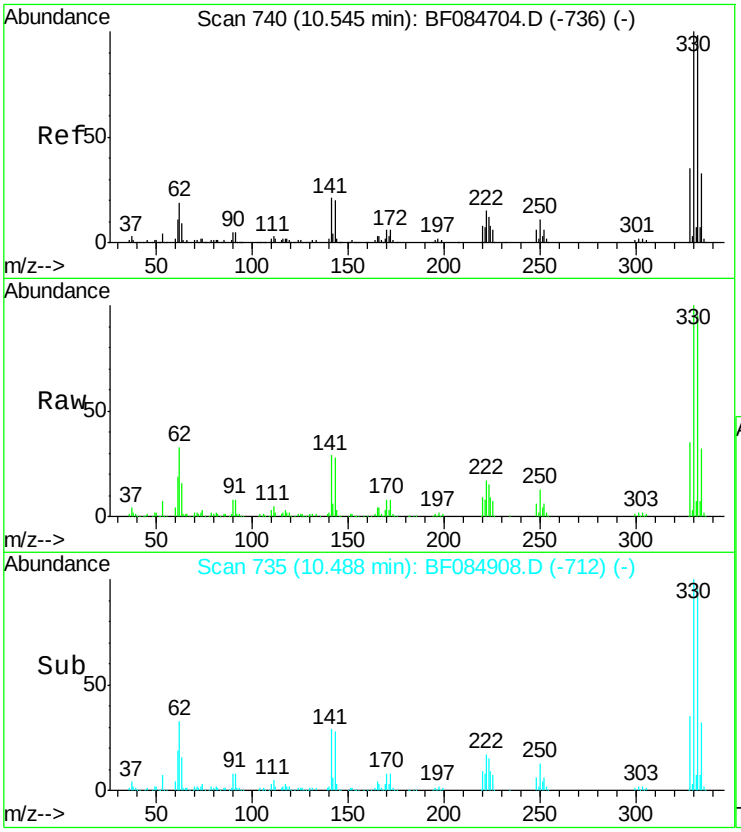


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:164 Resp: 309831

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	47.9	37.5	56.3



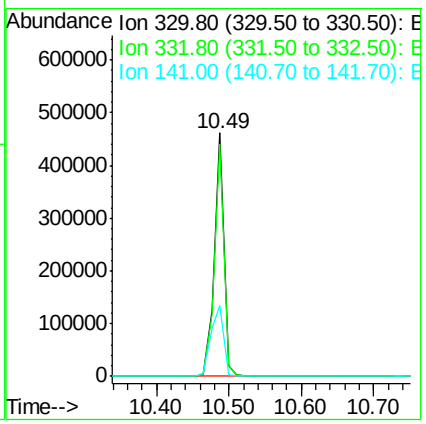


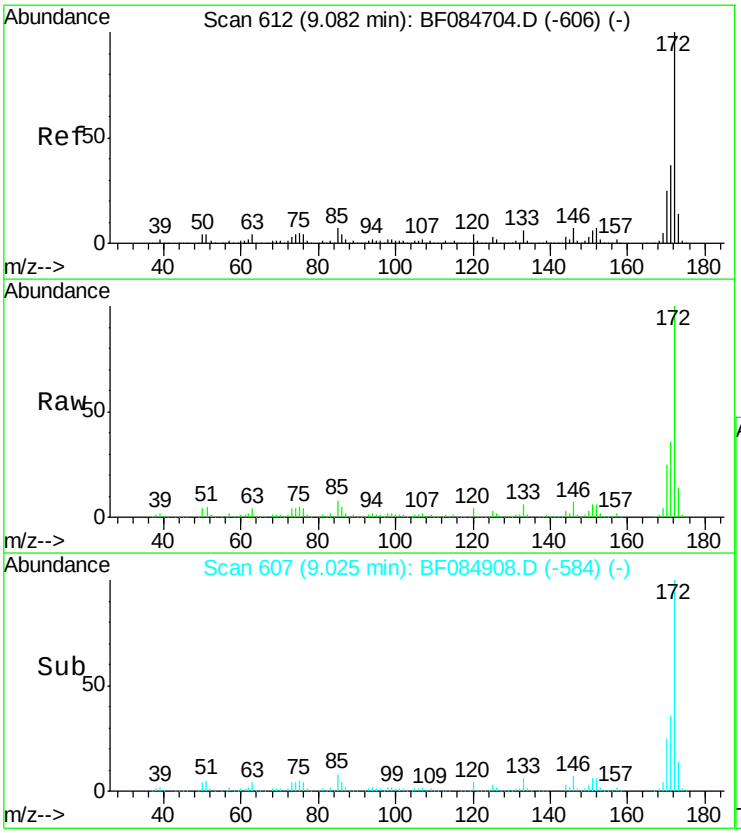
#41
2,4,6-Tribromophenol
Concen: 131.77 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion:330 Resp: 425839

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	37.7	27.8	41.6

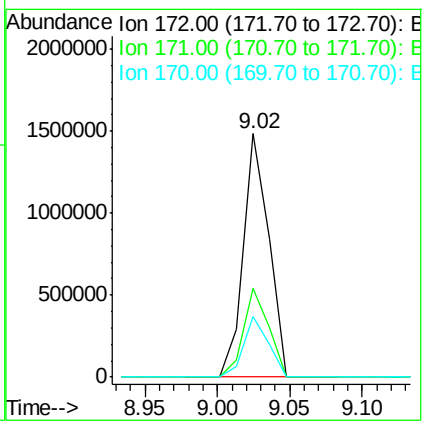


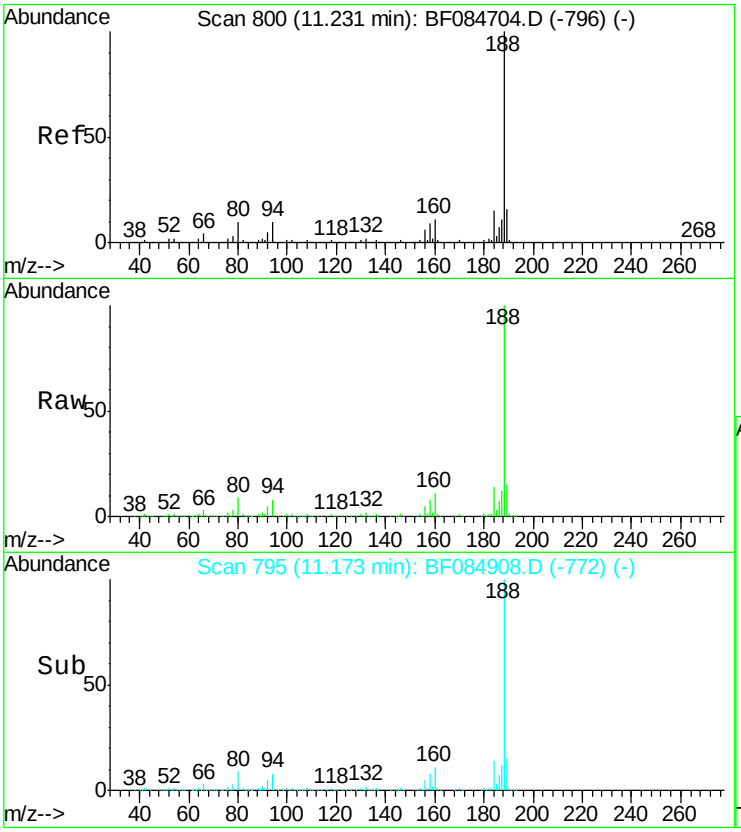


#44
2-Fluorobiphenyl
Concen: 107.20 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:172 Resp: 1800004

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.8	18.6	27.8



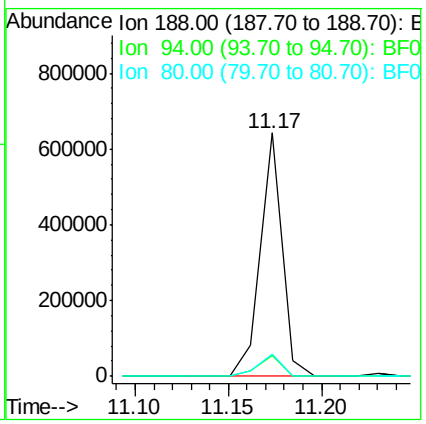


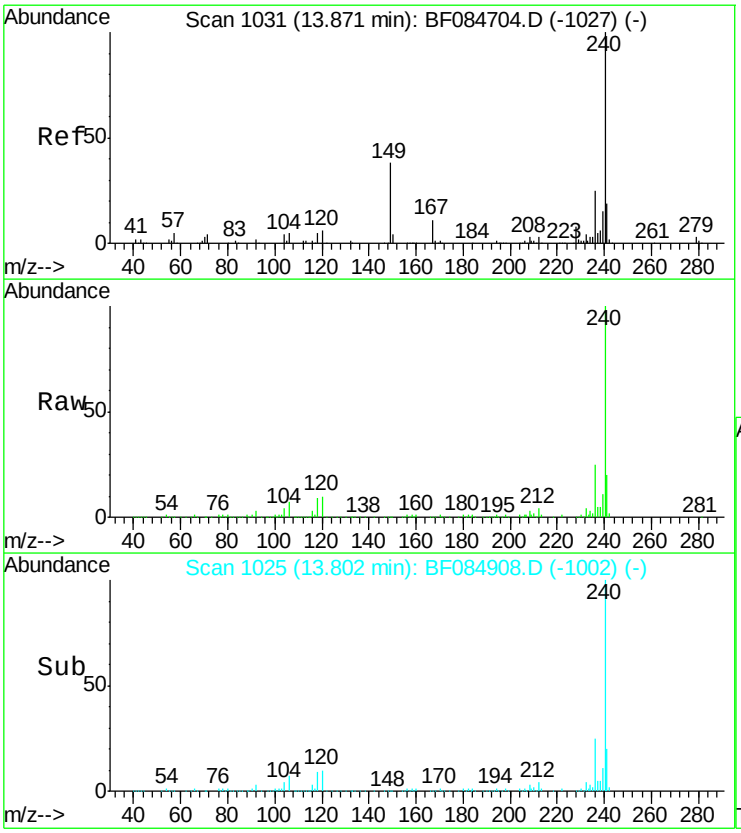
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion:188 Resp: 526517

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	9.0	9.6	14.4#

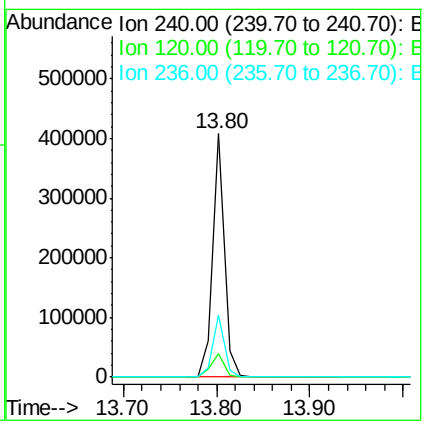


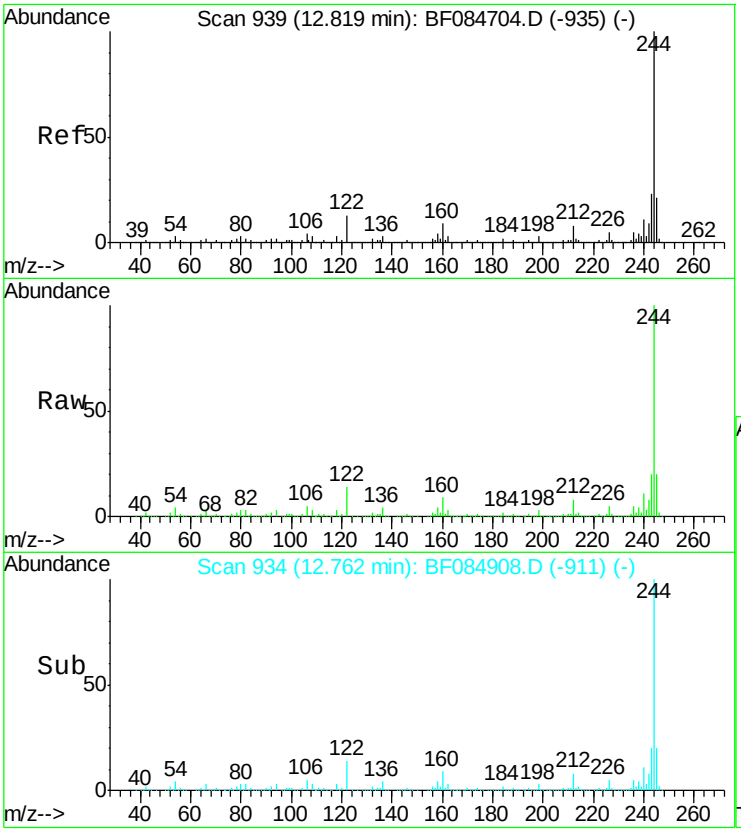


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:240 Resp: 357225

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.3	20.6	31.0



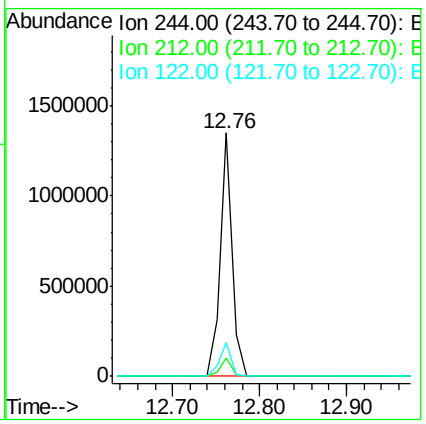


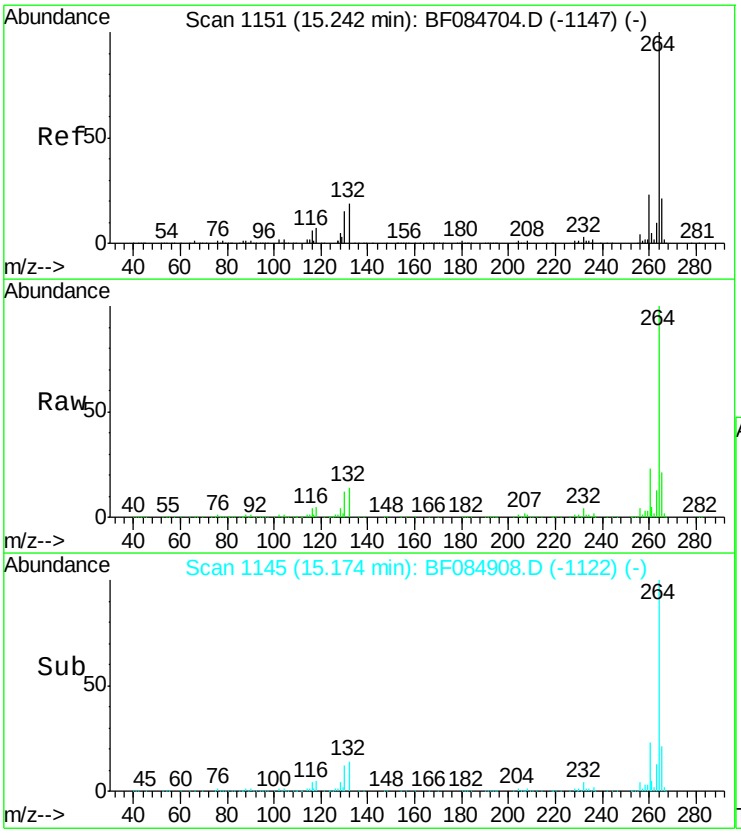
#78
Terphenyl-d14
Concen: 82.92 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084908.D
Acq: 6 Feb 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SUP-B008(25-27)

Tgt Ion:244 Resp: 1307178

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	13.9	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: BF084908.D
Acq: 6 Feb 2016 13:35

Tgt Ion:264 Resp: 341461

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.3	17.8	26.6