Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081721.D
Acq On : 21 Sep 2015 19:05
Operator : UM/IZ
Sample : G3717-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-8-9-16-15

Quant Time: Sep 22 01:03:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40382	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	158045	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	74838	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	151098	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	127034	20.00	ng	-0.03
86) Perylene-d12	24.78	264	88847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	151150	58.07	ng	-0.03
7) Phenol-d6	7.59	99	125415	36.40	ng	-0.06
23) Nitrobenzene-d5	9.46	82	361021	110.21	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	112203	168.38	ng	-0.06
44) 2-Fluorobiphenyl	13.71	172	624045	106.86	ng	-0.07
78) Terphenyl-d14	22.07	244	588981	107.93	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	1.52	88	48830	41.77	ng	# 11
15) Benzyl Alcohol	8.48	79	6670	2.36	ng	# 32
19) n-Nitroso-di-n-propylamine	9.46	70	45242	19.29	ng	# 67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081721.D
Acq On : 21 Sep 2015 19:05
Operator : UM/IZ
Sample : G3717-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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PZ-8-9-16-15

Quant Time: Sep 22 01:03:15 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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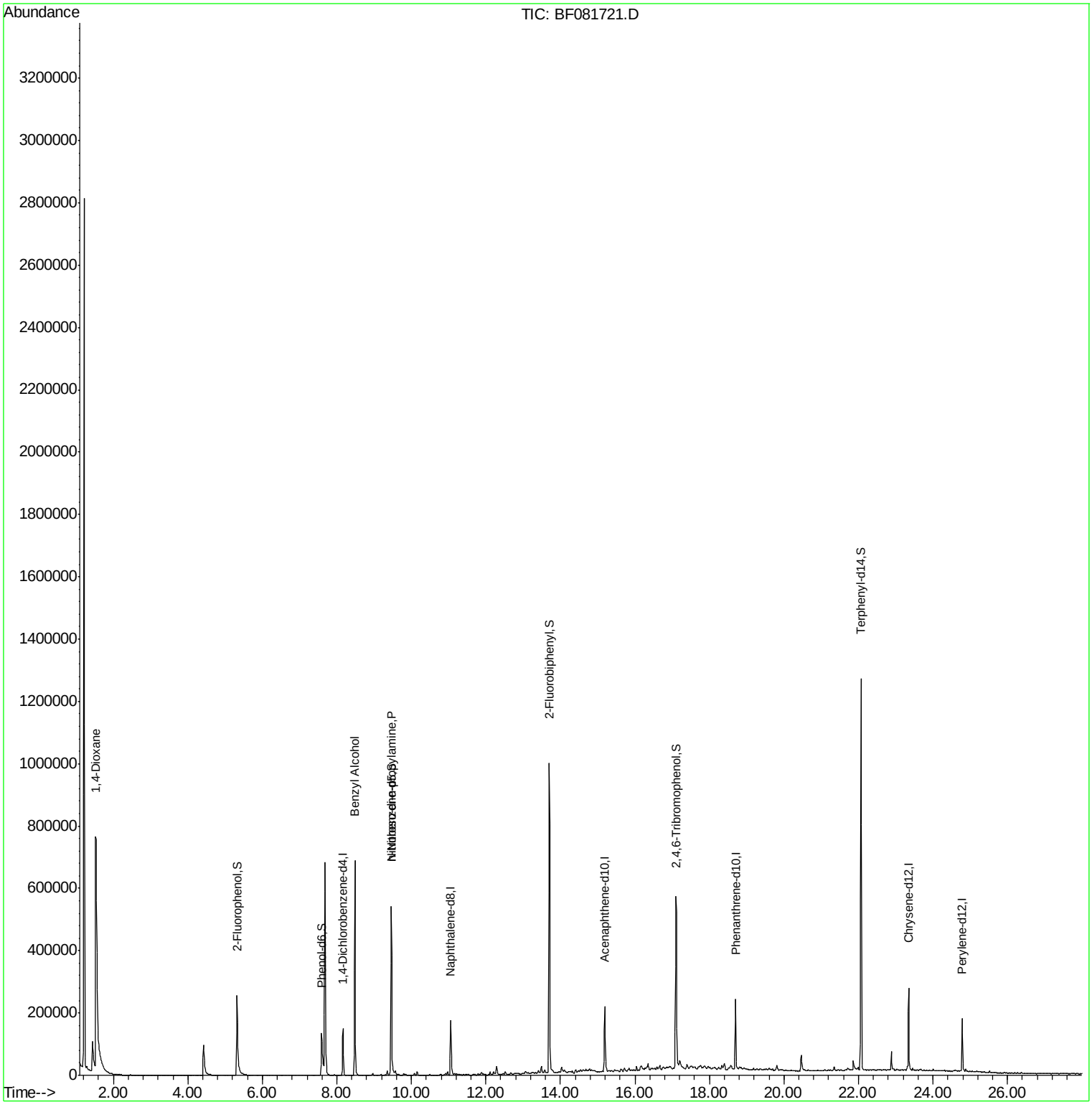
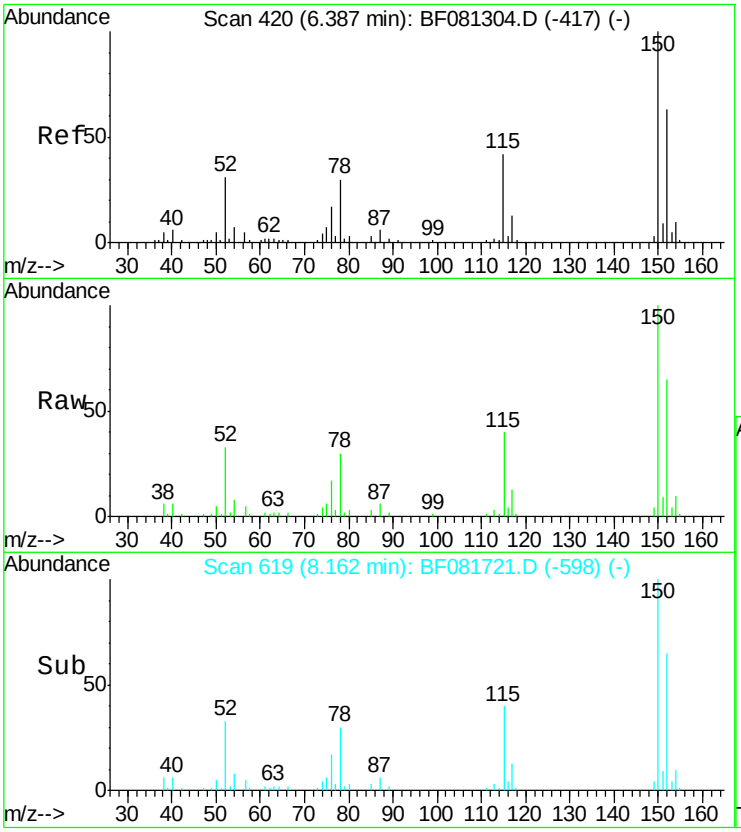


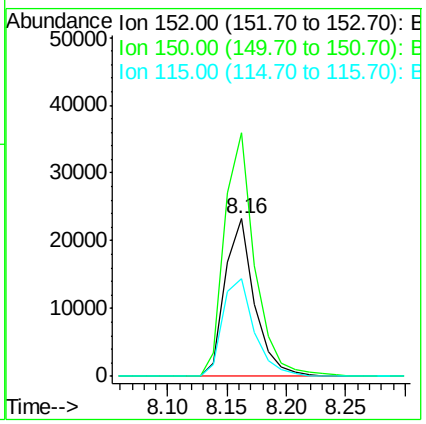


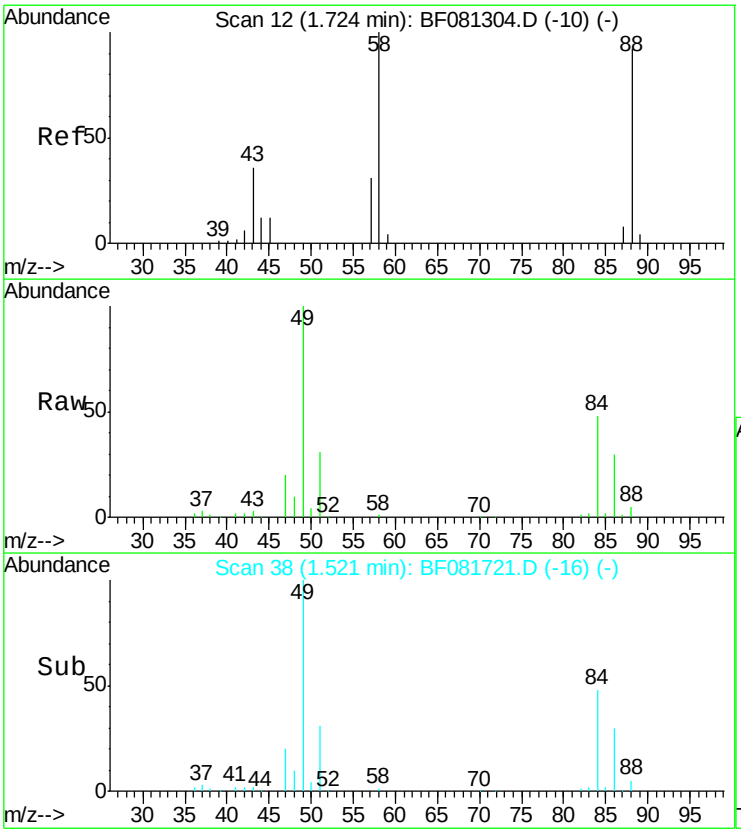
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:152 Resp: 40382

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.7	187.1
115	61.6	39.0	58.4#

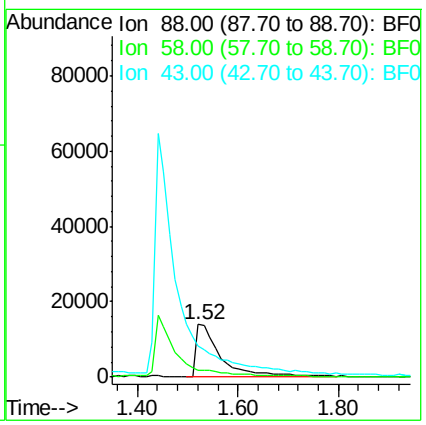


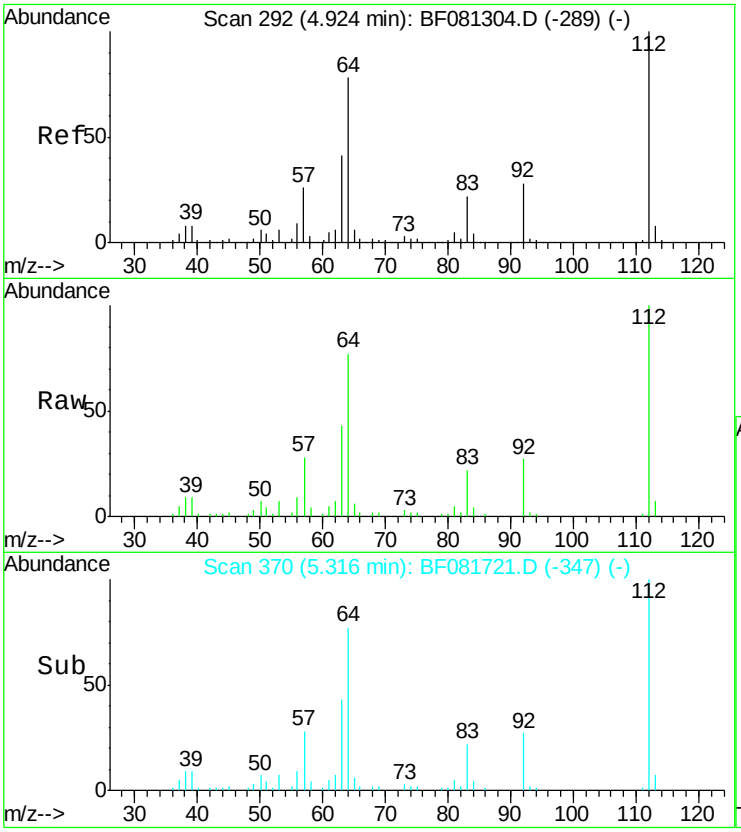


#2
1,4-Dioxane
Concen: 41.77 ng
RT: 1.52 min Scan# 38
Delta R.T. -0.04 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion: 88 Resp: 48830

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



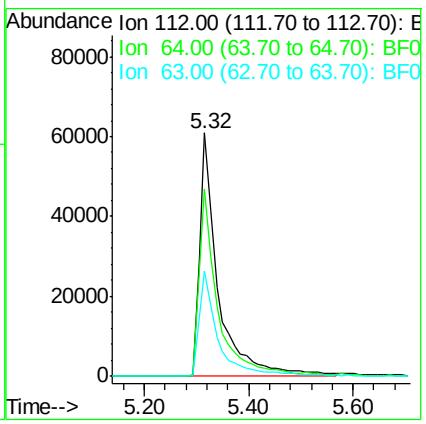


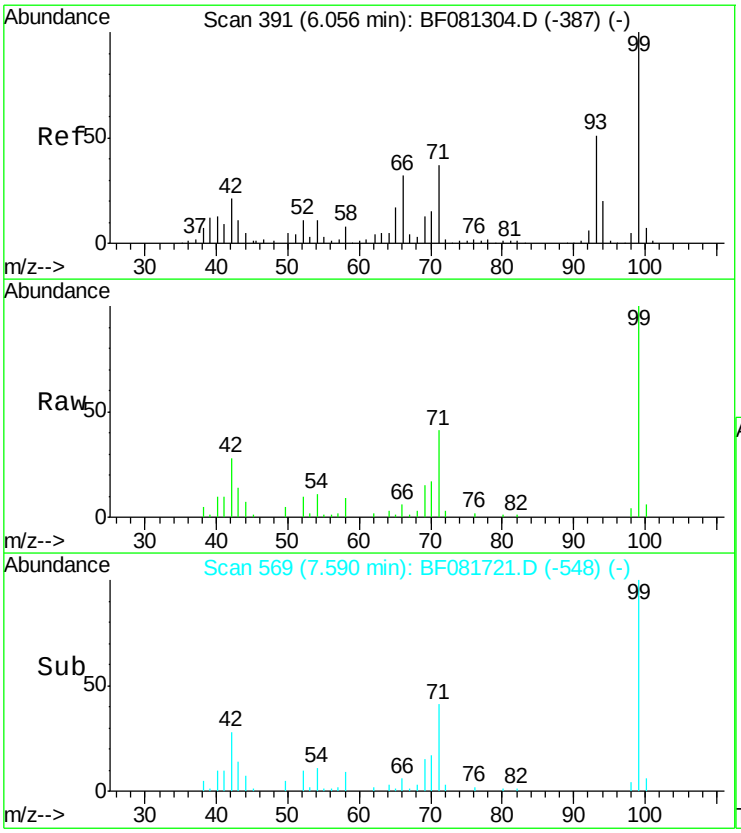
#5
2-Fluorophenol
Concen: 58.07 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:112 Resp: 151150

Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	43.0	17.4	26.0#

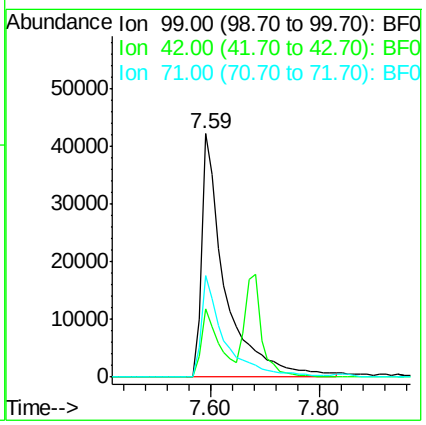


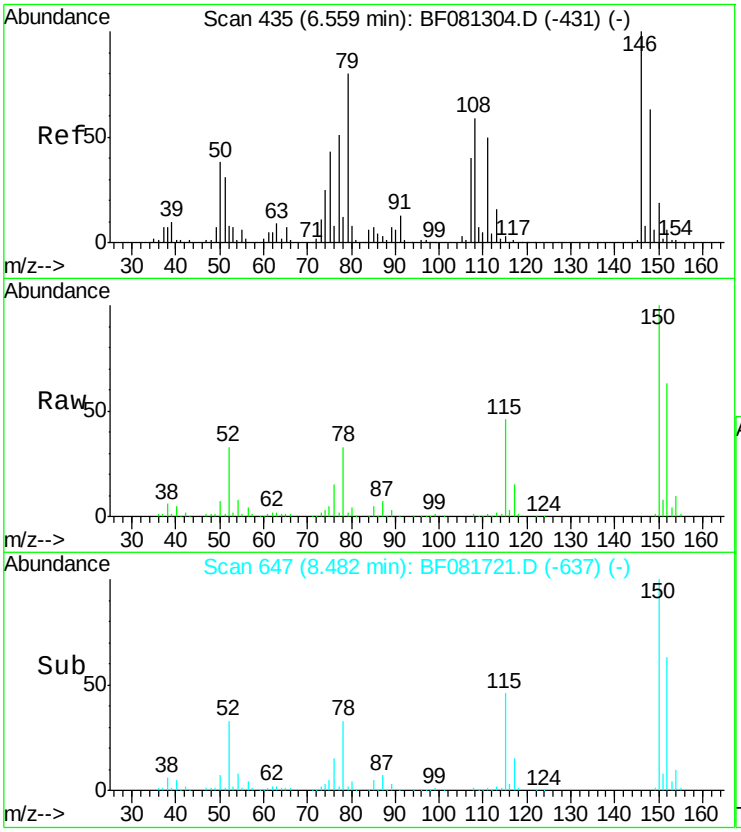


#7
Phenol-d6
Concen: 36.40 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion: 99 Resp: 125415

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.7	20.5#
71	41.5	14.2	21.2#



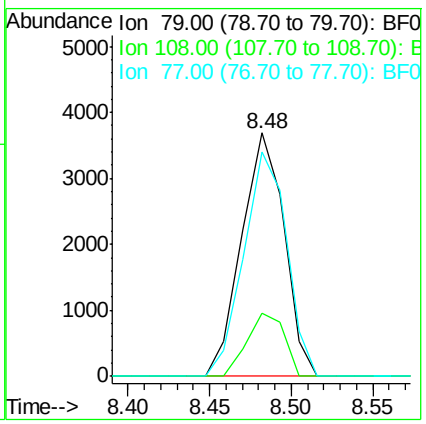


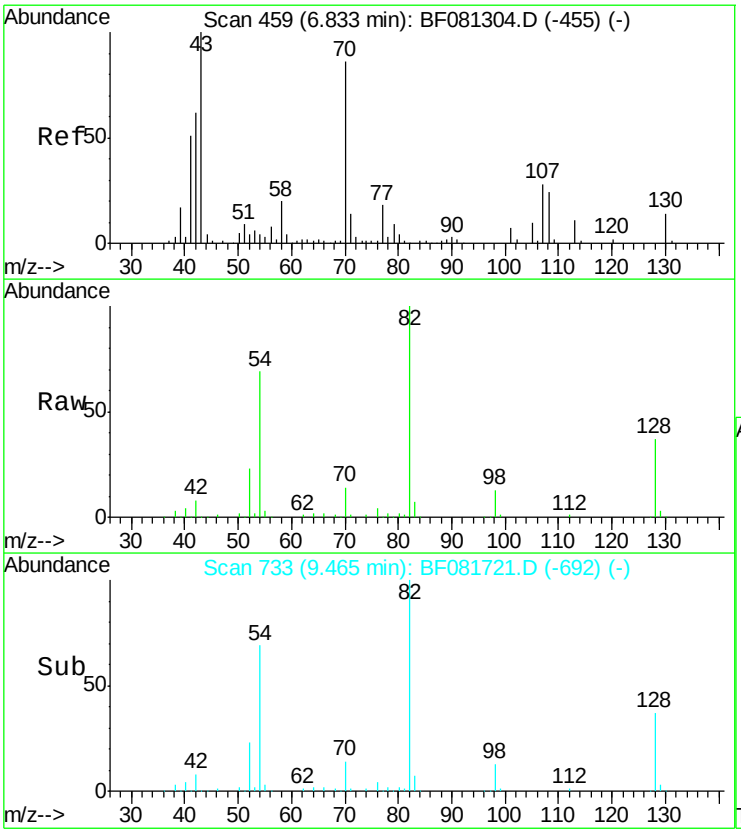
#15
Benzyl Alcohol
Concen: 2.36 ng
RT: 8.48 min Scan# 647
Delta R.T. -0.18 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion: 79 Resp: 6670

Ion	Ratio	Lower	Upper
79	100		
108	26.0	88.6	132.8#
77	92.4	47.0	70.4#

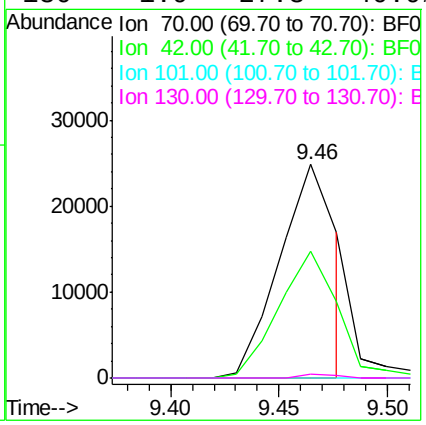


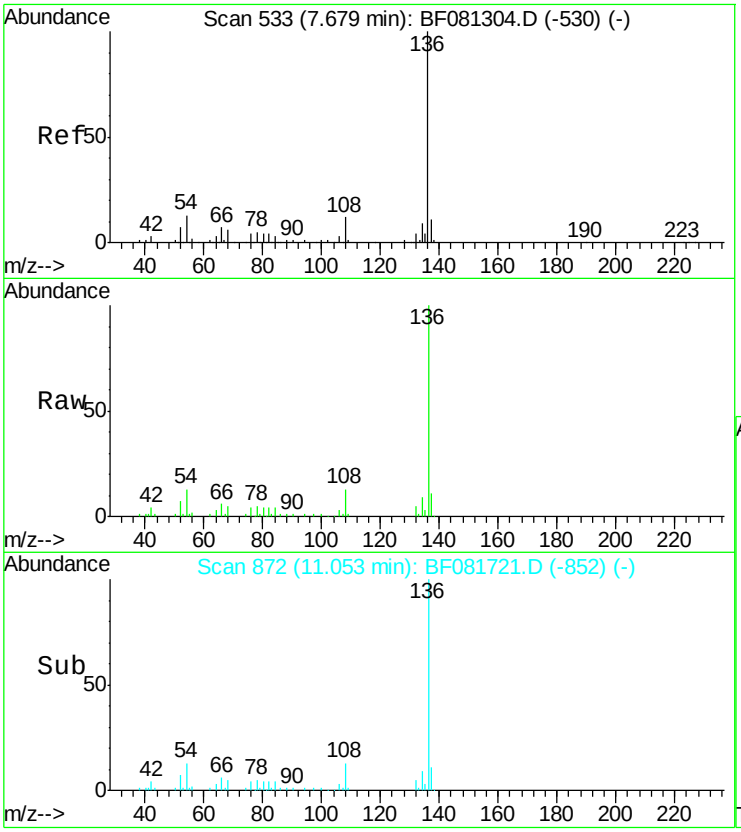


#19
n-Nitroso-di-n-propylamine
Concen: 19.29 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion: 70 Resp: 45242

Ion	Ratio	Lower	Upper
70	100		
42	59.1	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#



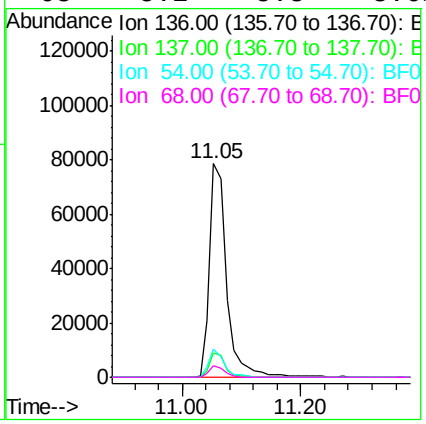


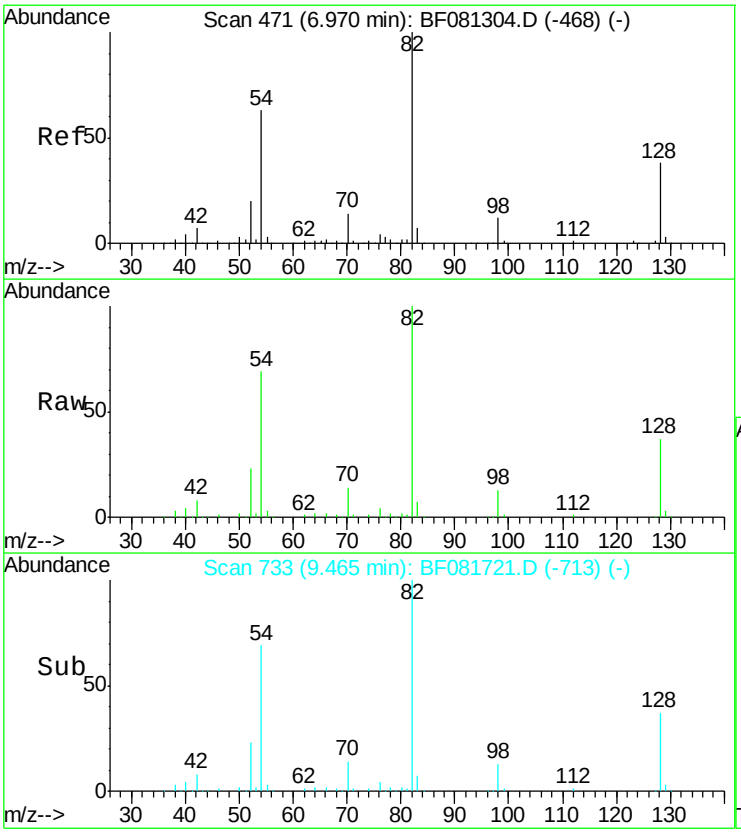
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:136 Resp: 158045

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	13.1	8.2	12.2#
68	5.2	5.8	8.6#

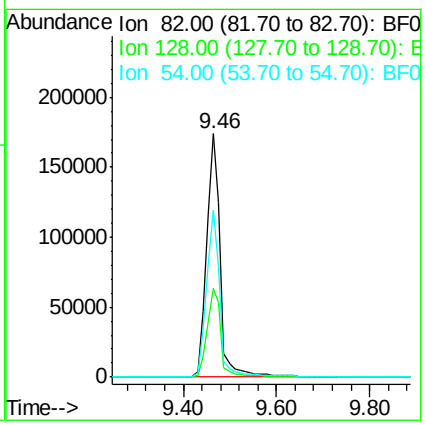


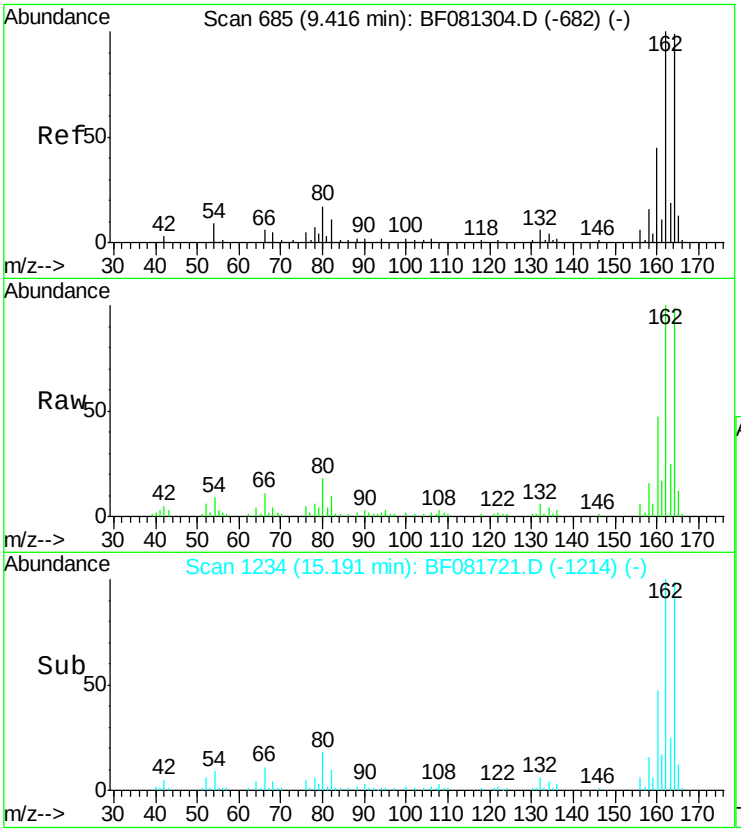


#23
Nitrobenzene-d5
Concen: 110.21 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion: 82 Resp: 361021

Ion	Ratio	Lower	Upper
82	100		
128	36.7	51.0	76.6#
54	68.6	47.5	71.3



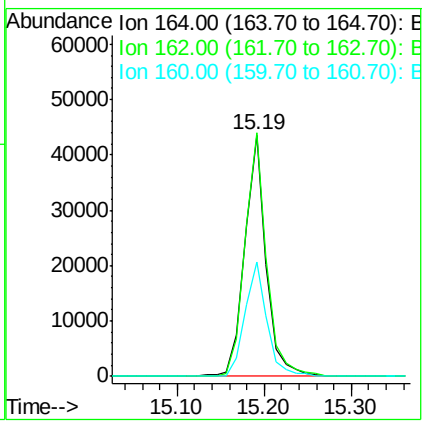


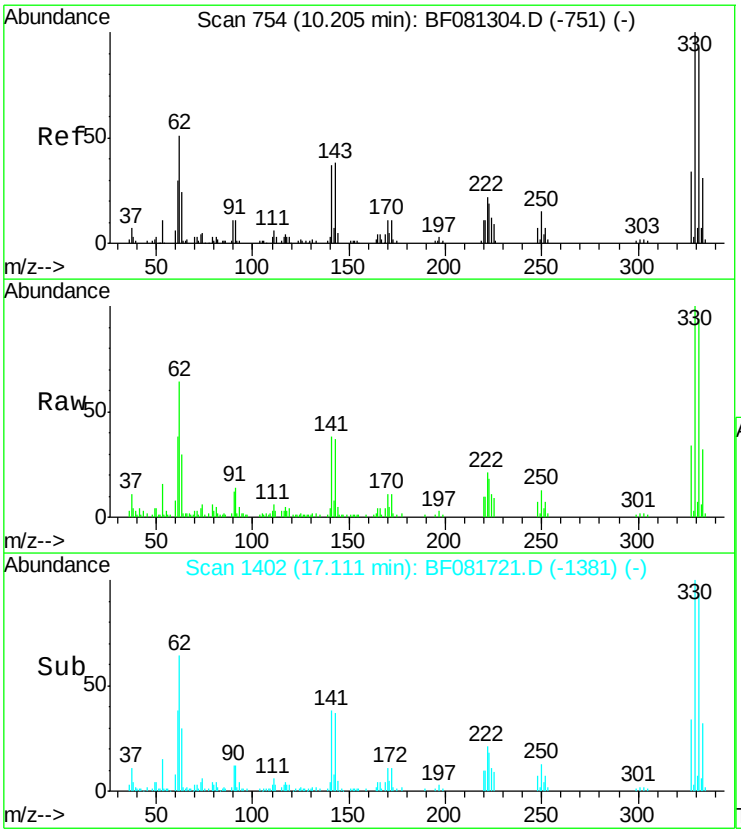
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:164 Resp: 74838

Ion	Ratio	Lower	Upper
164	100		
162	101.0	75.2	112.8
160	47.4	31.5	47.3#

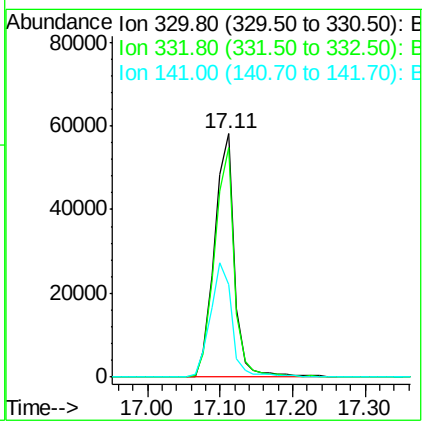


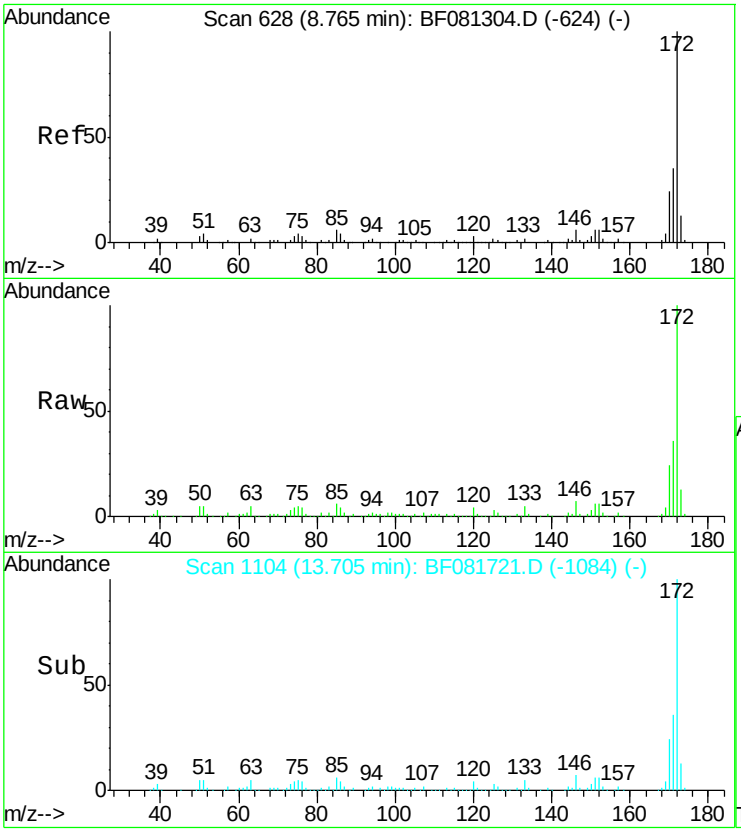


#41
2,4,6-Tribromophenol
Concen: 168.38 ng
RT: 17.11 min Scan# 1402
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion:330 Resp: 112203

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	114.8
141	50.3	29.7	44.5#



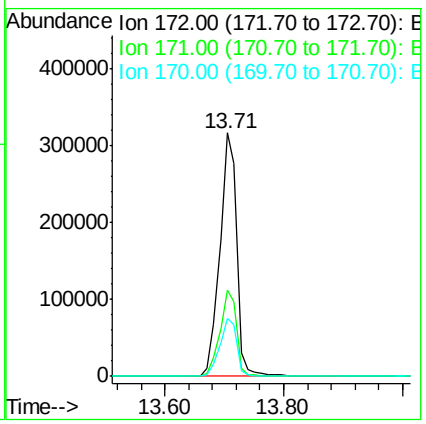


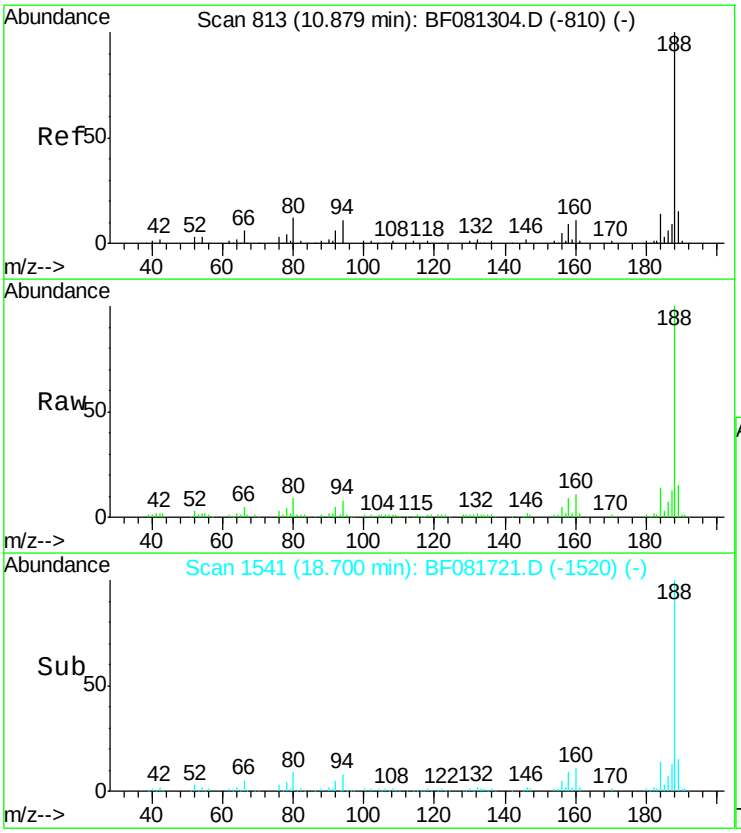
#44
2-Fluorobiphenyl
Concen: 106.86 ng
RT: 13.71 min Scan# 1104
Delta R.T. -0.07 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:172 Resp: 624045

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.8	17.4	26.2

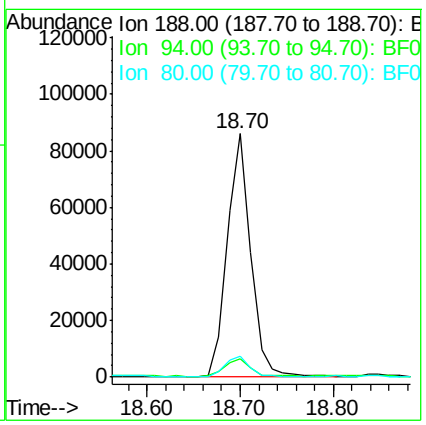


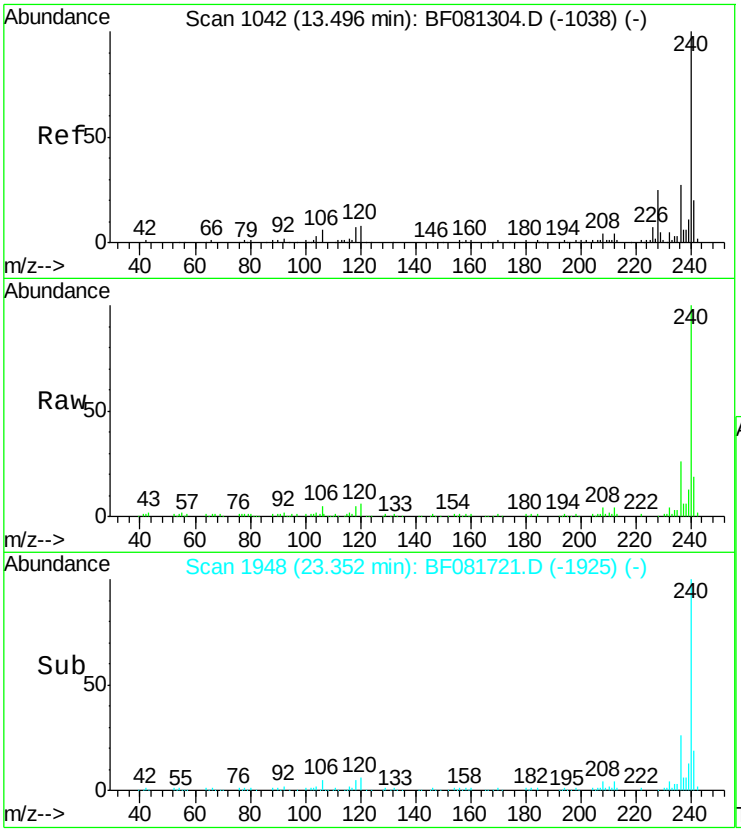


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion:188 Resp: 151098

Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	8.6	11.0	16.4#



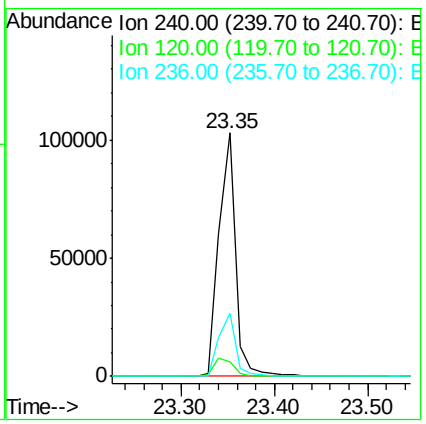


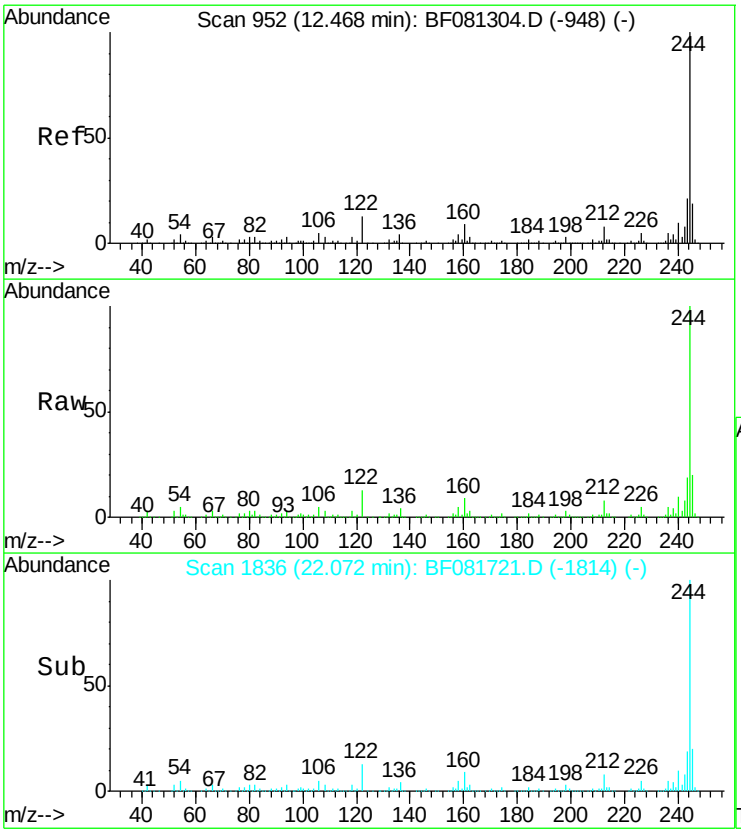
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:240 Resp: 127034

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	26.2	18.4	27.6

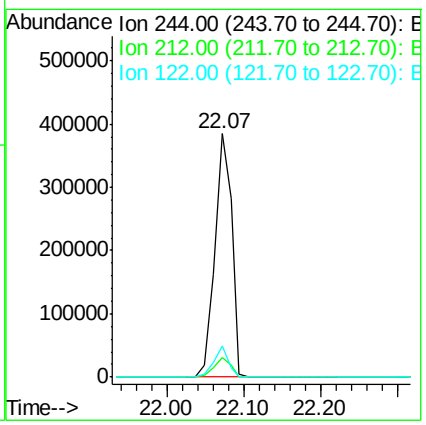


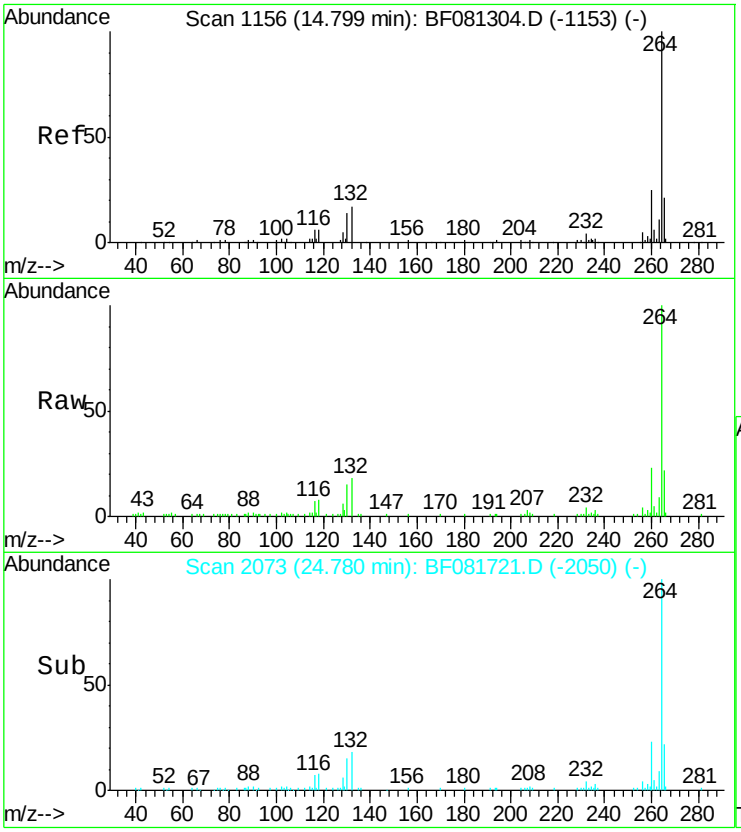


#78
Terphenyl-d14
Concen: 107.93 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion:244 Resp: 588981

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	12.9	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion:264 Resp: 88847

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	21.7	17.2	25.8