Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081697.D
Acq On : 18 Sep 2015 14:57
Operator : UM/IZ
Sample : G3704-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3-9-15-15

Quant Time: Sep 18 22:58:17 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	43001	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	166684	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	81214	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	167810	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	140200	20.00	ng	-0.04
86) Perylene-d12	24.78	264	94530	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	132625	47.85	ng	-0.04
7) Phenol-d6	7.58	99	111765	30.47	ng	-0.07
23) Nitrobenzene-d5	9.46	82	346340	100.25	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	108655	150.26	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	613303	96.77	ng	-0.06
78) Terphenyl-d14	22.07	244	601413	99.86	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	48897	39.28	ng	# 11
15) Benzyl Alcohol	8.49	79	6038	2.01	ng	# 33
19) n-Nitroso-di-n-propylamine	9.46	70	43860	17.57	ng	# 67

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

Quantitation Report (Not Reviewed)

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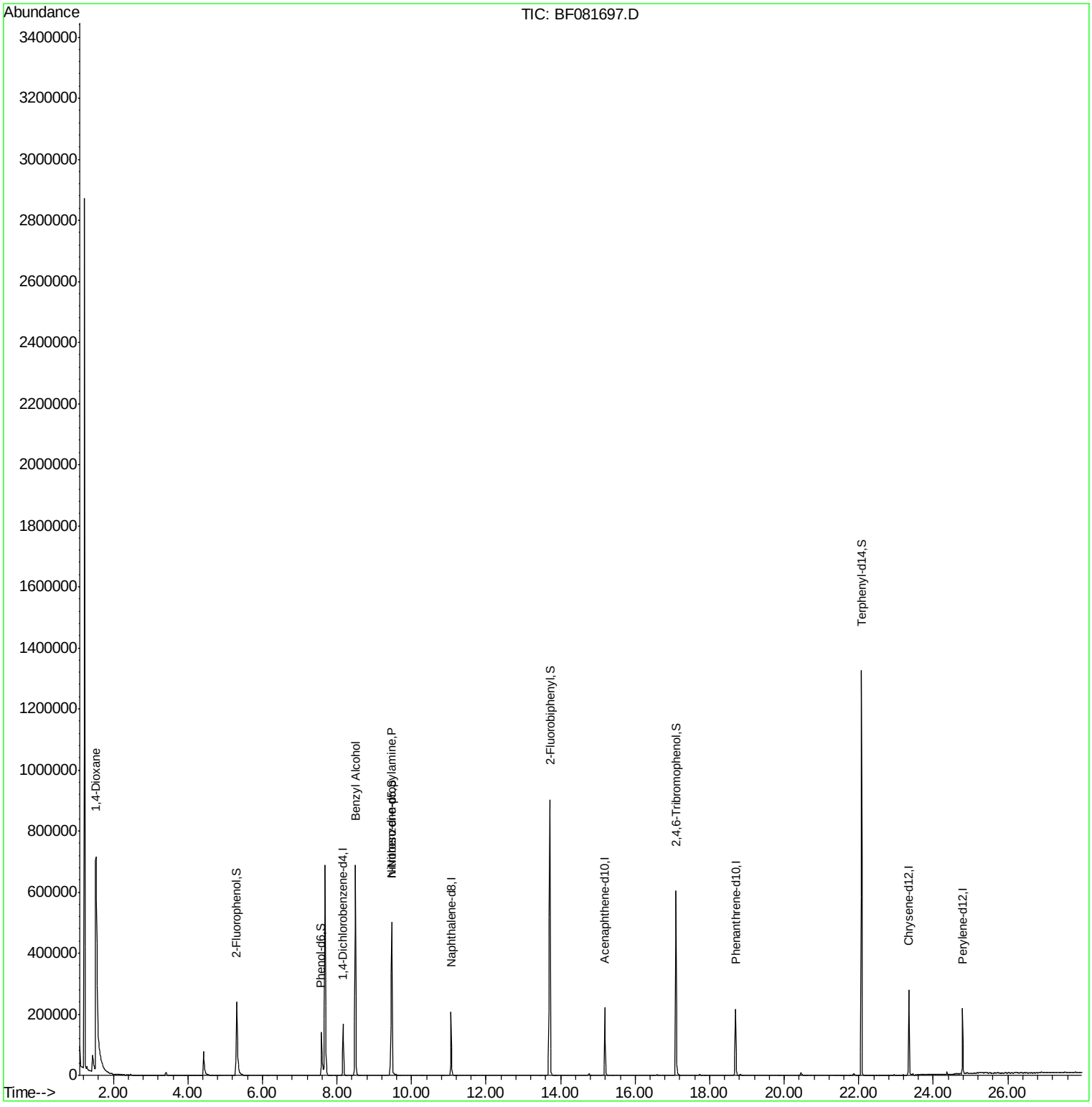
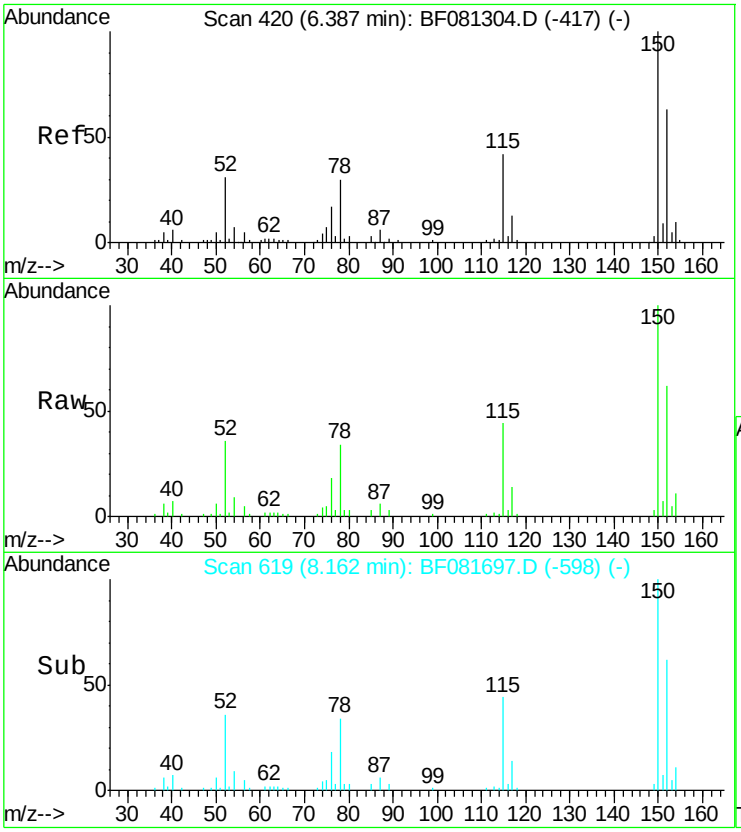


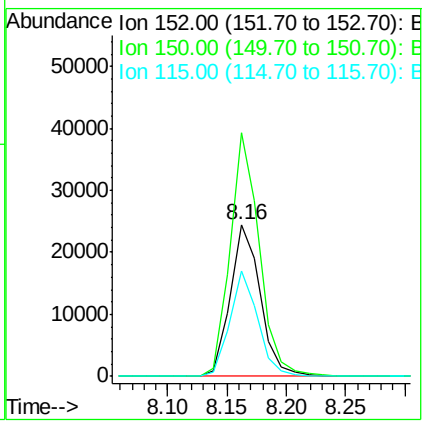


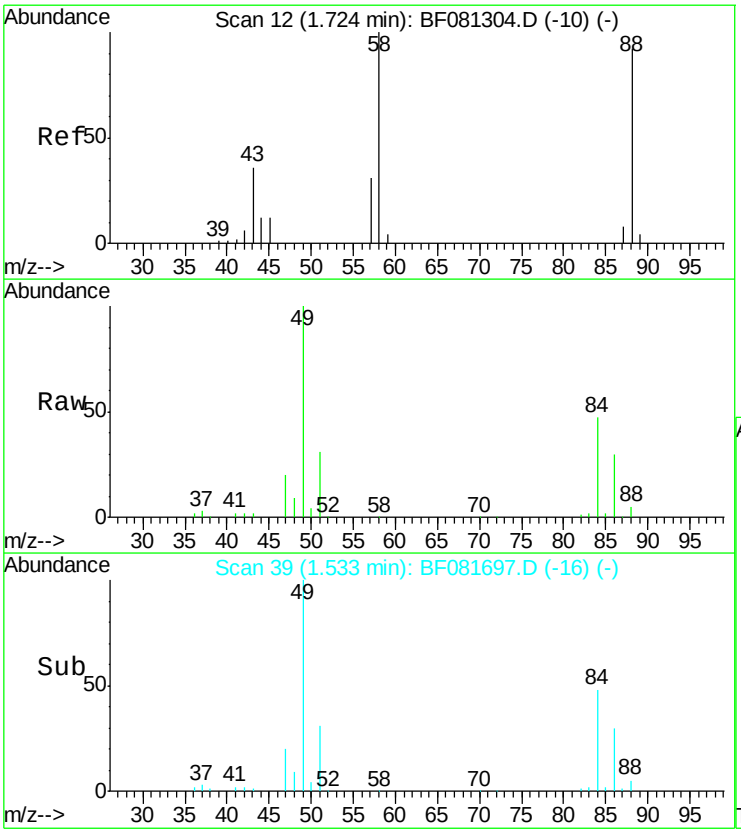
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:152 Resp: 43001

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.7	187.1
115	69.9	39.0	58.4#

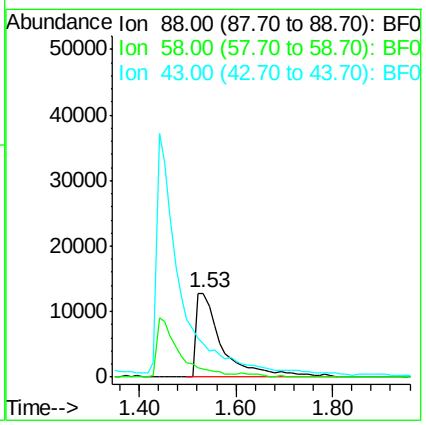


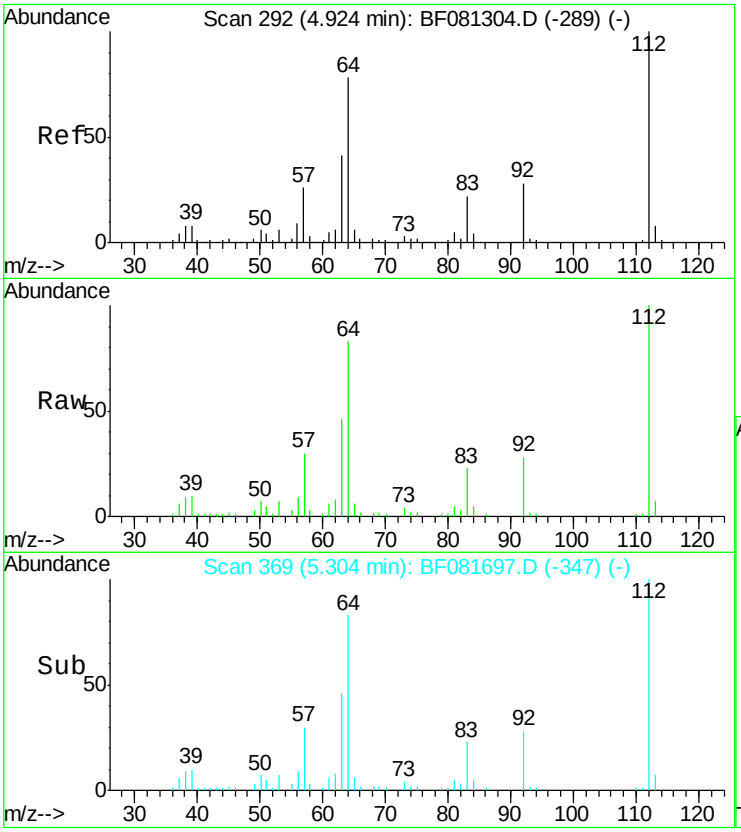


#2
1,4-Dioxane
Concen: 39.28 ng
RT: 1.53 min Scan# 39
Delta R.T. -0.03 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion: 88 Resp: 48897

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



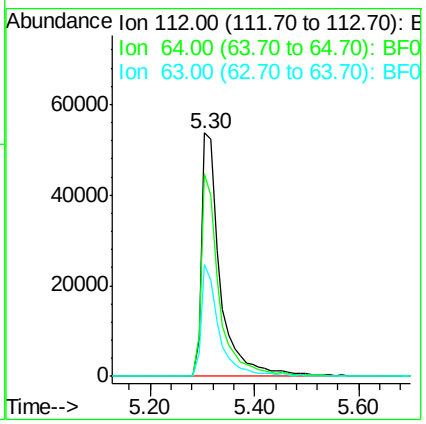


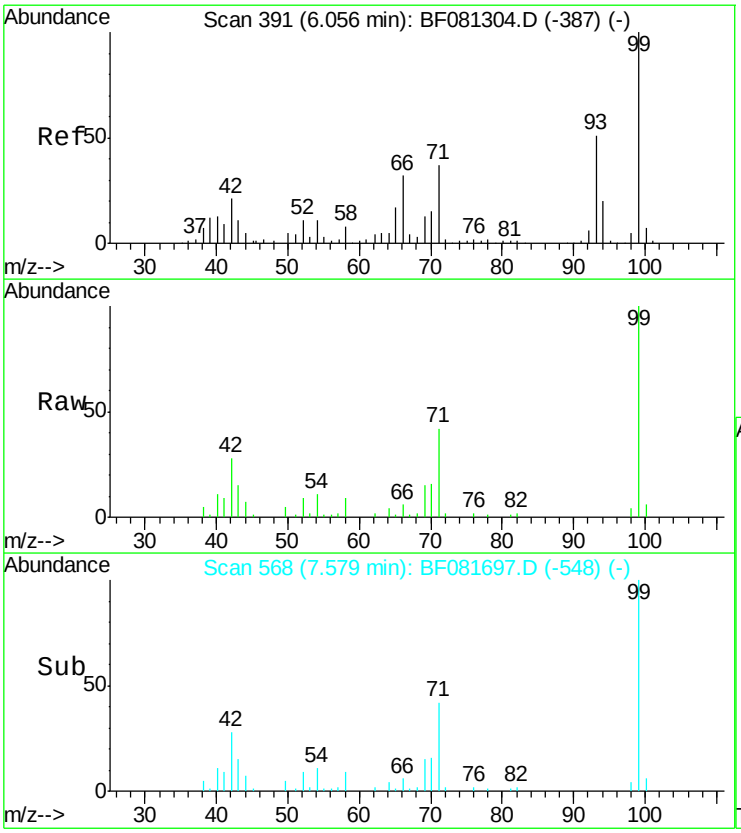
#5
2-Fluorophenol
Concen: 47.85 ng
RT: 5.30 min Scan# 369
Delta R.T. -0.04 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:112 Resp: 132625

Ion	Ratio	Lower	Upper
112	100		
64	83.2	39.7	59.5#
63	45.7	17.4	26.0#

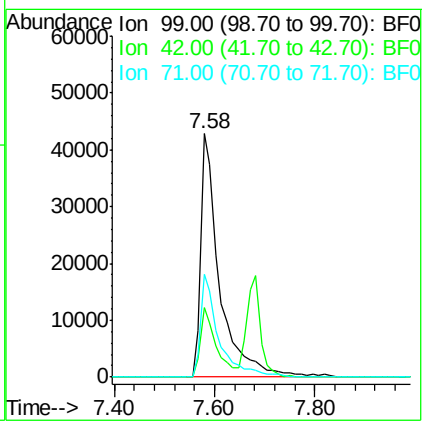


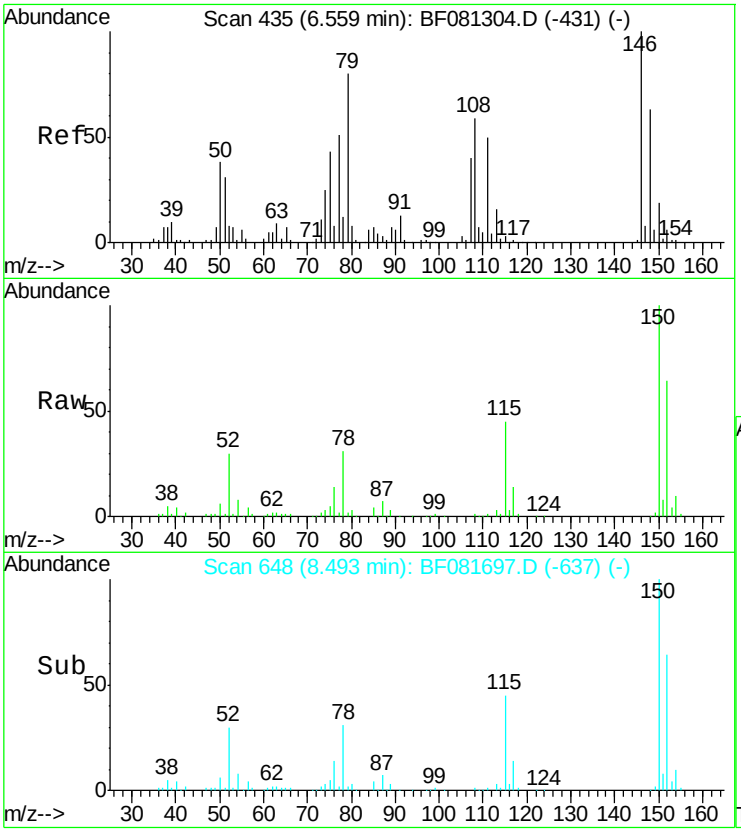


#7
Phenol-d6
Concen: 30.47 ng
RT: 7.58 min Scan# 568
Delta R.T. -0.07 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion: 99 Resp: 111765

Ion	Ratio	Lower	Upper
99	100		
42	28.3	13.7	20.5#
71	42.5	14.2	21.2#



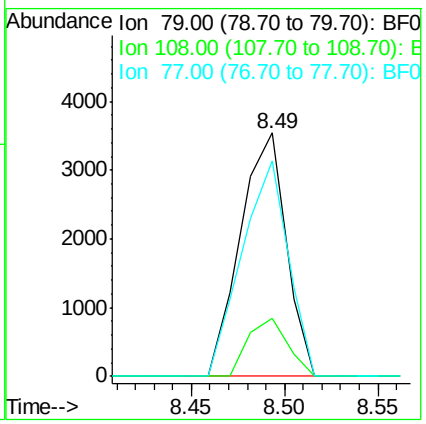


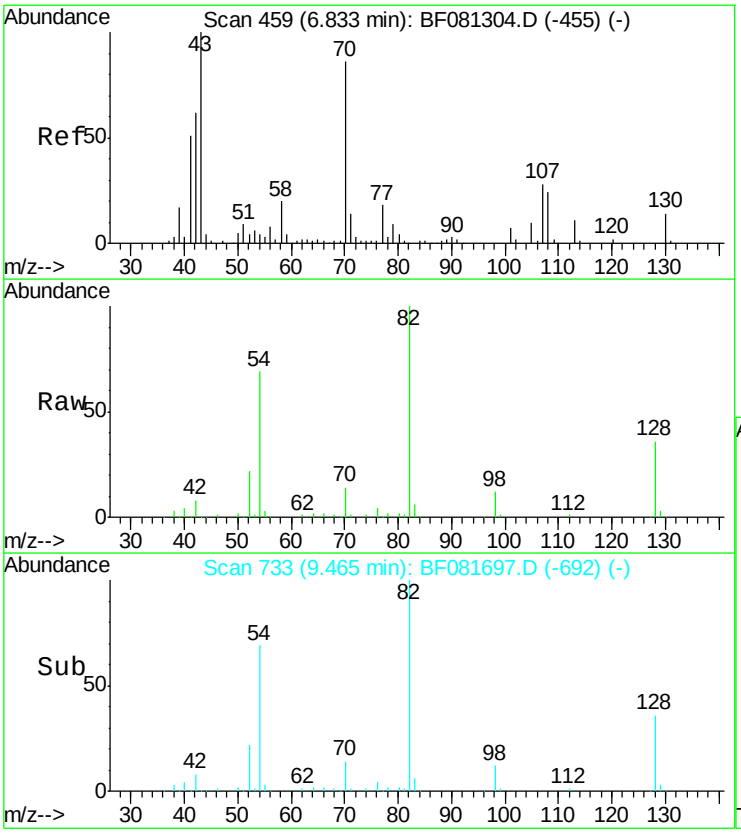
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 8.49 min Scan# 648
Delta R.T. -0.17 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion: 79 Resp: 6038

Ion	Ratio	Lower	Upper
79	100		
108	23.7	88.6	132.8#
77	88.7	47.0	70.4#

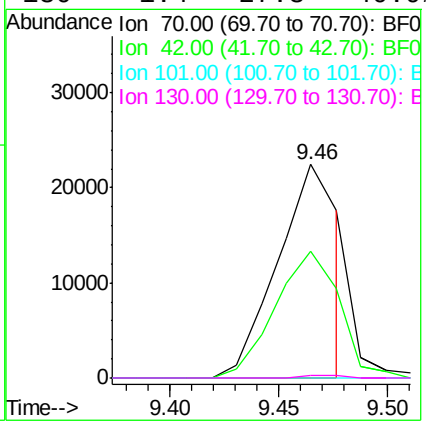


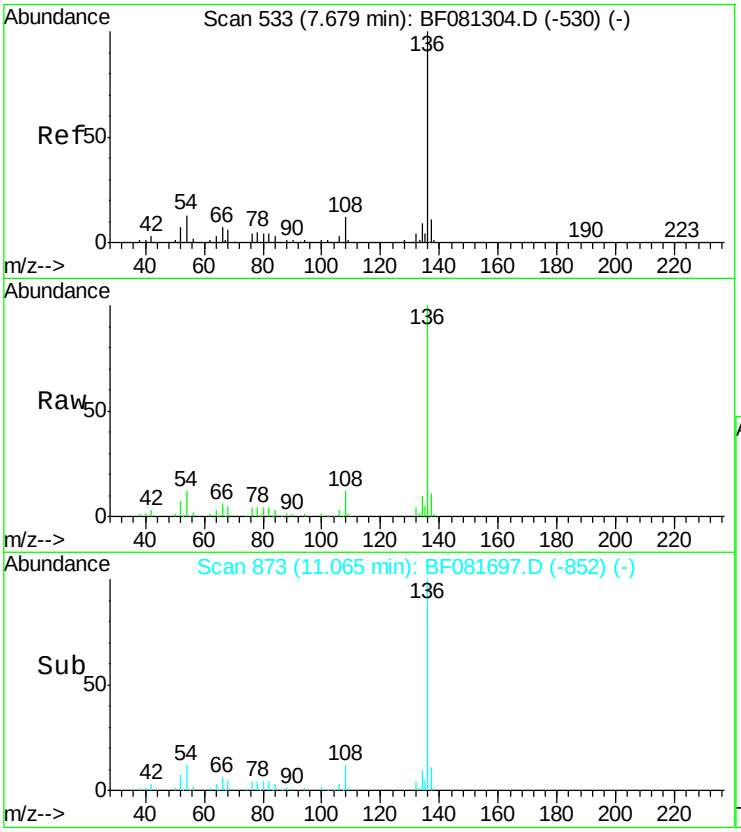


#19
n-Nitroso-di-n-propylamine
Concen: 17.57 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion: 70 Resp: 43860

Ion	Ratio	Lower	Upper
70	100		
42	59.4	63.8	95.6#
101	0.0	9.2	13.8#
130	1.4	27.3	40.9#



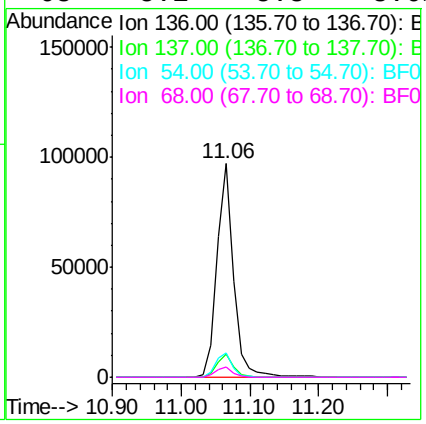


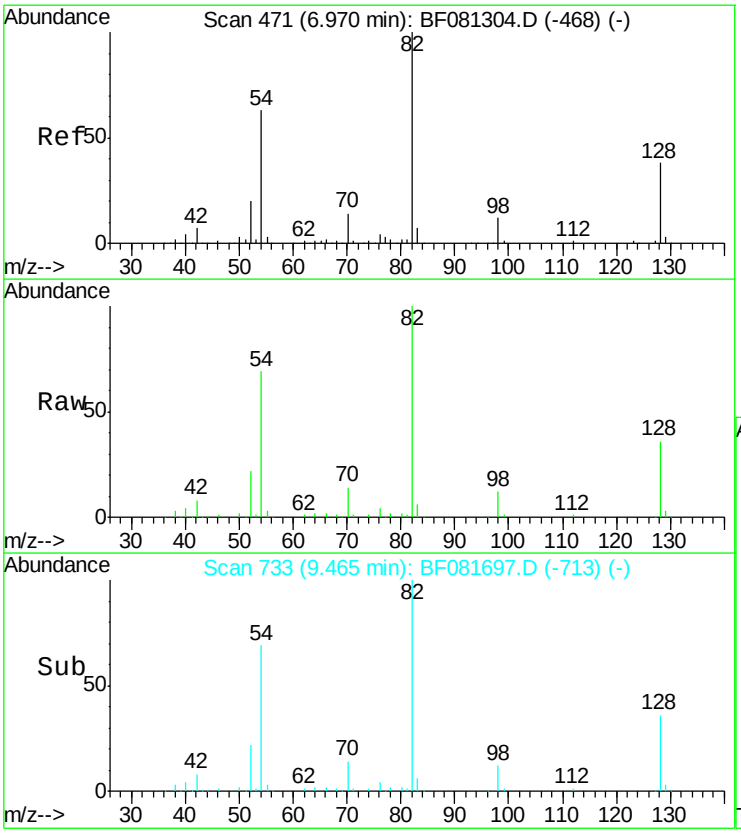
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:136 Resp: 166684

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.7	8.2	12.2
68	5.1	5.8	8.6#

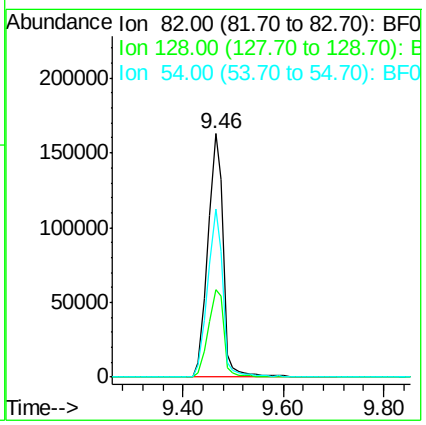


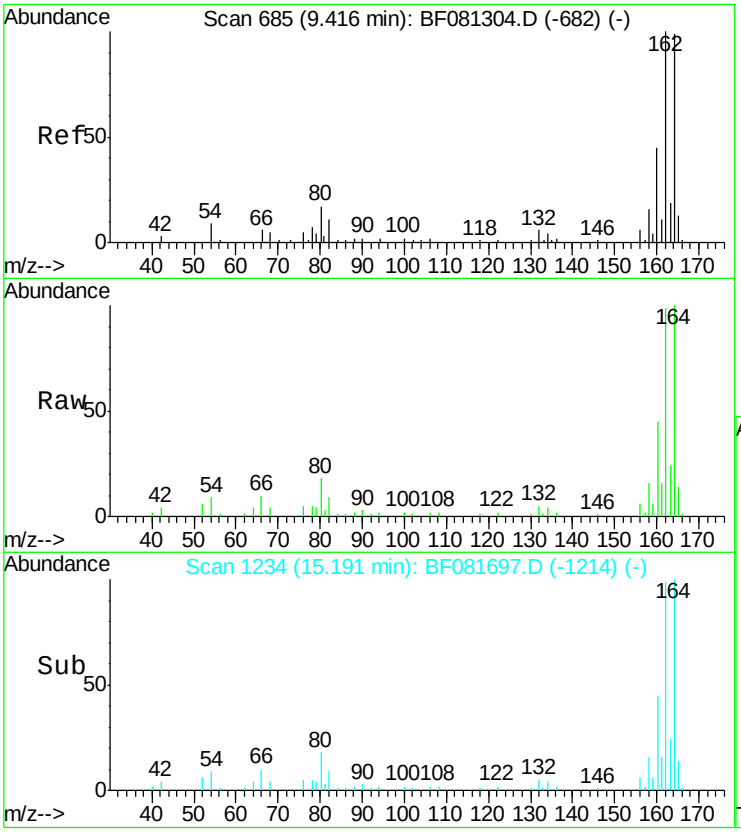


#23
Nitrobenzene-d5
Concen: 100.25 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion: 82 Resp: 346340

Ion	Ratio	Lower	Upper
82	100		
128	35.9	51.0	76.6#
54	69.3	47.5	71.3



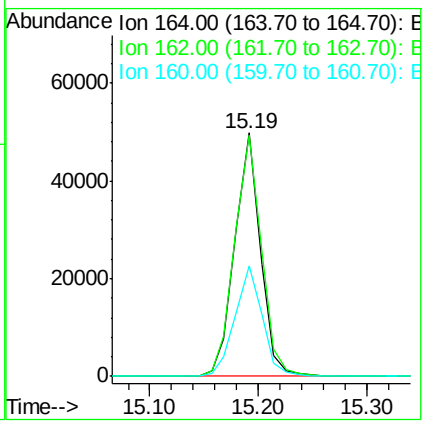


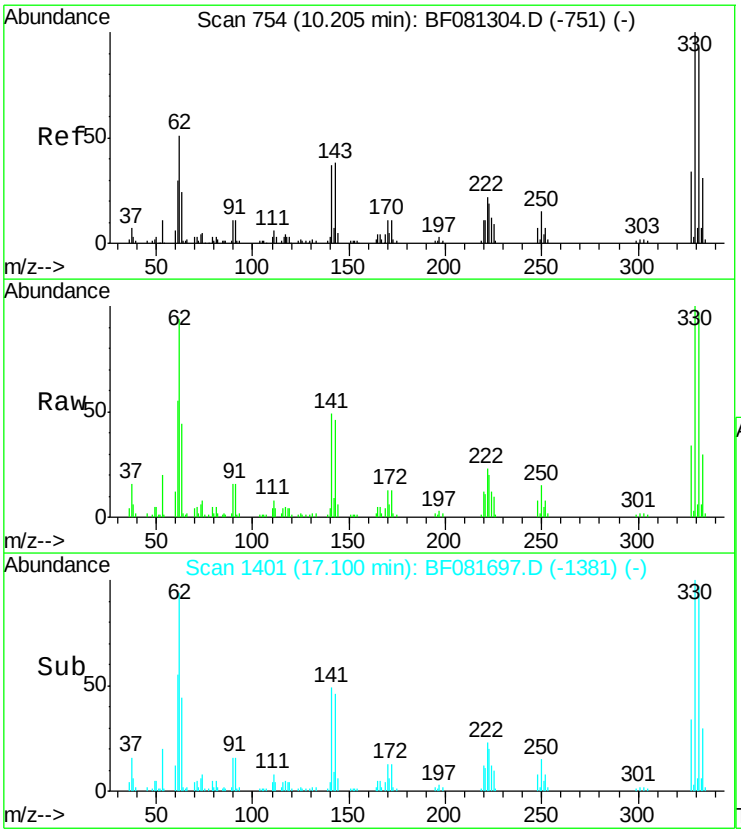
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.07 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:164 Resp: 81214

Ion	Ratio	Lower	Upper
164	100		
162	98.8	75.2	112.8
160	45.4	31.5	47.3

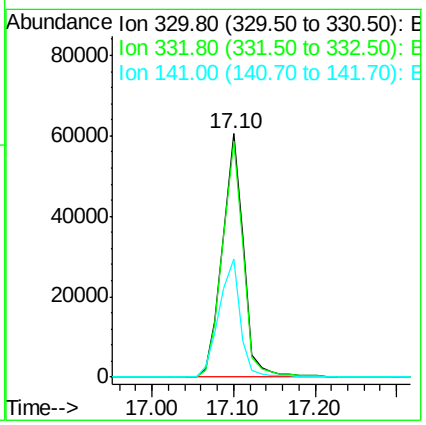


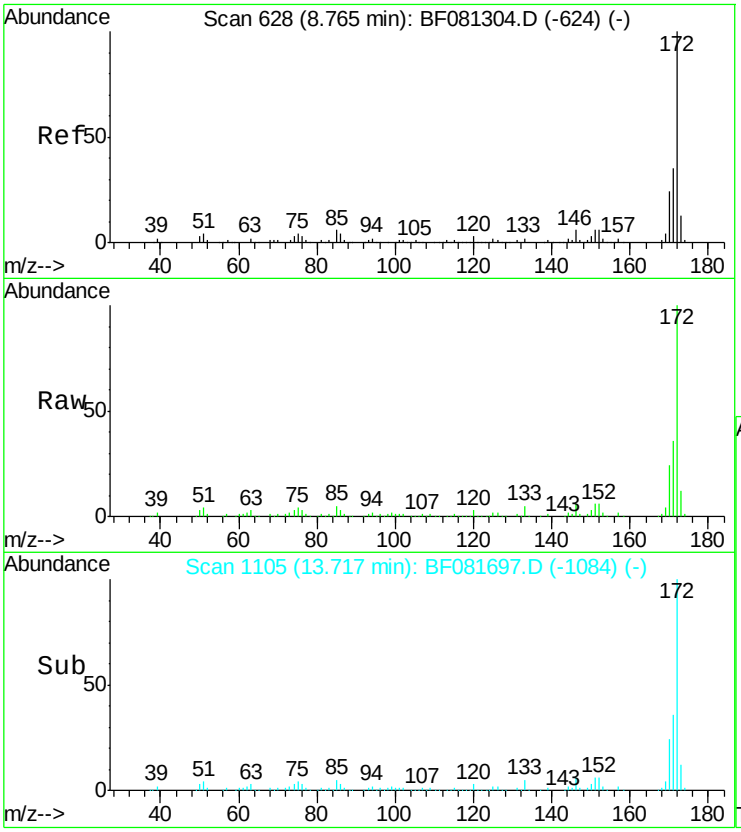


#41
2,4,6-Tribromophenol
Concen: 150.26 ng
RT: 17.10 min Scan# 1401
Delta R.T. -0.07 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion:330 Resp: 108655

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	49.1	29.7	44.5#



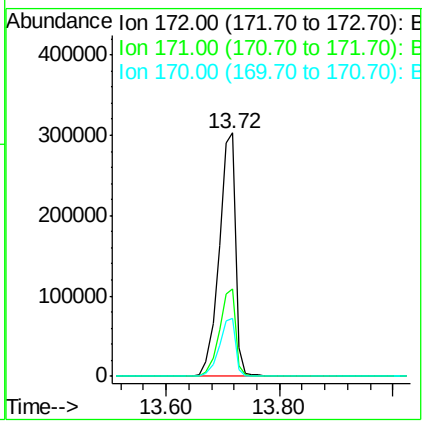


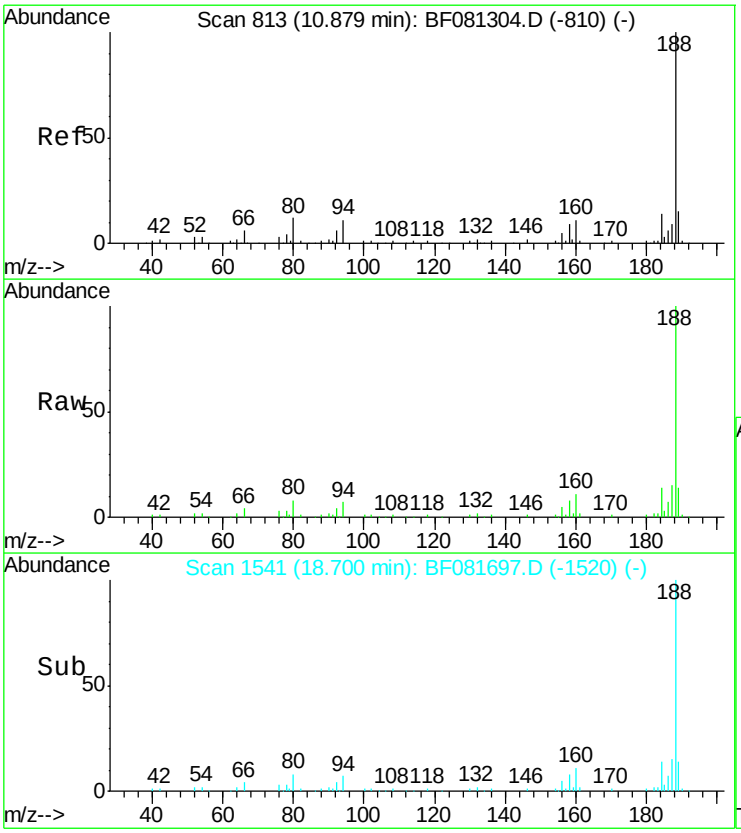
#44
2-Fluorobiphenyl
Concen: 96.77 ng
RT: 13.72 min Scan# 1105
Delta R.T. -0.06 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:172 Resp: 613303

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.7	17.4	26.2

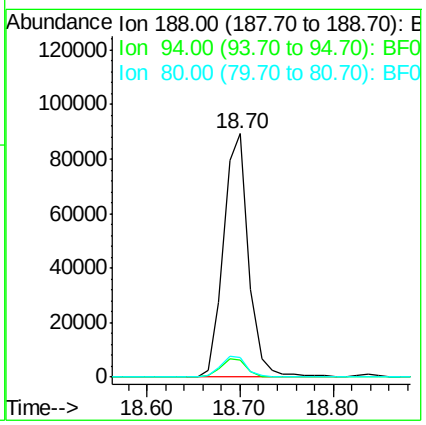


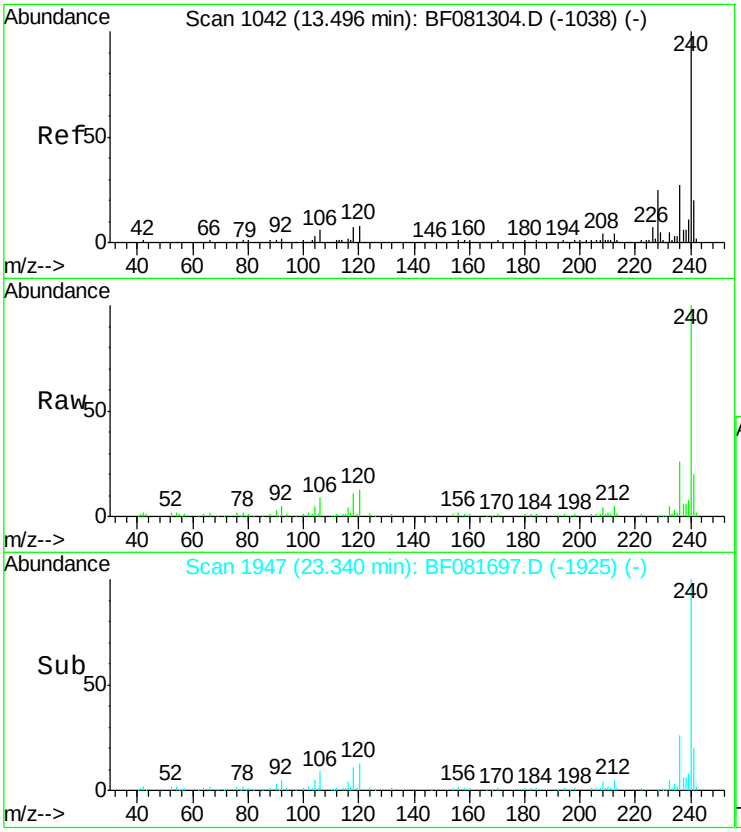


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion:188 Resp: 167810

Ion	Ratio	Lower	Upper
188	100		
94	7.0	11.1	16.7#
80	8.2	11.0	16.4#



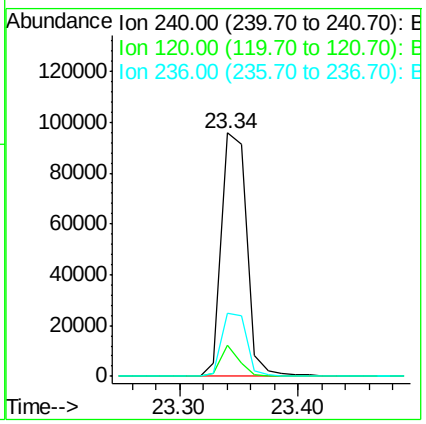


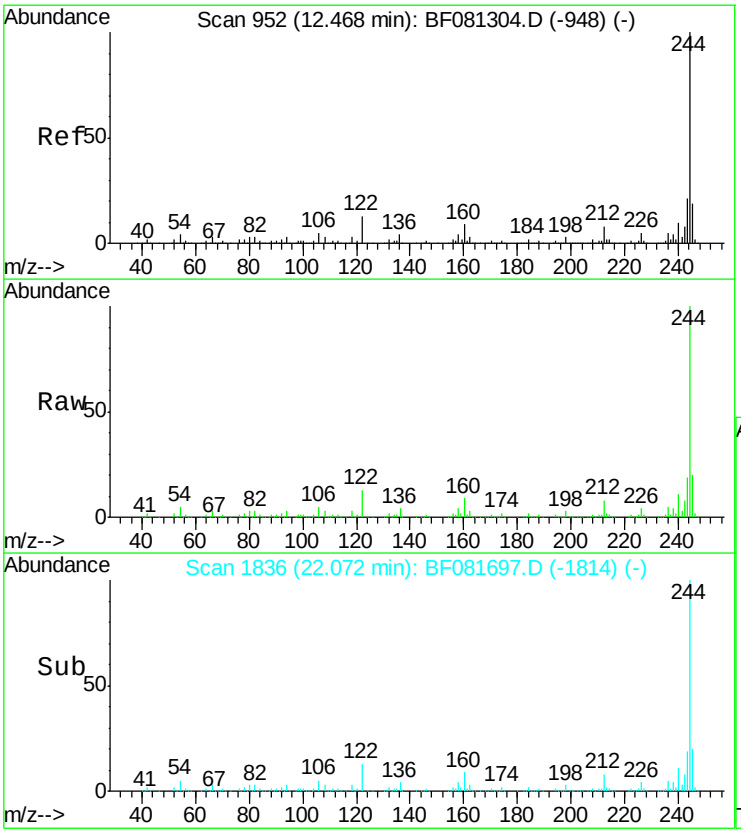
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:240 Resp: 140200

Ion	Ratio	Lower	Upper
240	100		
120	12.9	16.2	24.2#
236	25.7	18.4	27.6

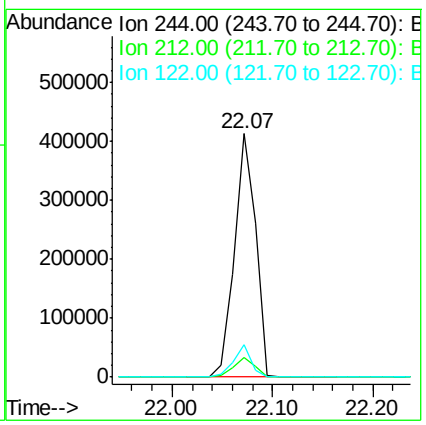


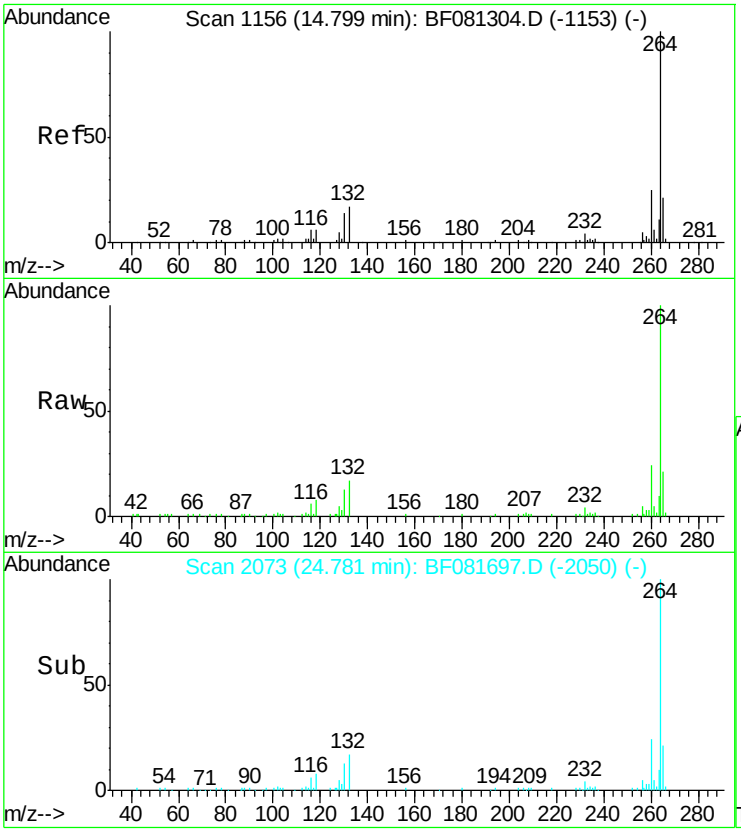


#78
Terphenyl-d14
Concen: 99.86 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081697.D
Acq: 18 Sep 2015 14:57

Tgt Ion:244 Resp: 601413

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	13.1	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: BF081697.D
Acq: 18 Sep 2015 14:57

Instrument :
BNA_F
ClientSampleId :
MW-3-9-15-15

Tgt Ion:264 Resp: 94530

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	20.8	17.2	25.8