Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081798.D
Acq On : 25 Sep 2015 10:10
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 25 12:42:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	146663	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	574156	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	248660	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	382927	20.00	ng		0.00
75) Chrysene-d12	14.12	240	325784	20.00	ng		0.00
86) Perylene-d12	15.59	264	337237	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	488366	56.33	ng		0.00
7) Phenol-d6	6.57	99	440938	40.21	ng		0.00
23) Nitrobenzene-d5	7.52	82	842144	96.78	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	362410	167.87	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1424486	94.04	ng		0.00
78) Terphenyl-d14	13.06	244	980779	68.77	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.26	128	153813	5.81	ng		97
37) 2-Methylnaphthalene	8.95	142	141703	7.51	ng	#	89
49) Dimethylphthalate	9.70	163	86742	4.58	ng	#	73

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

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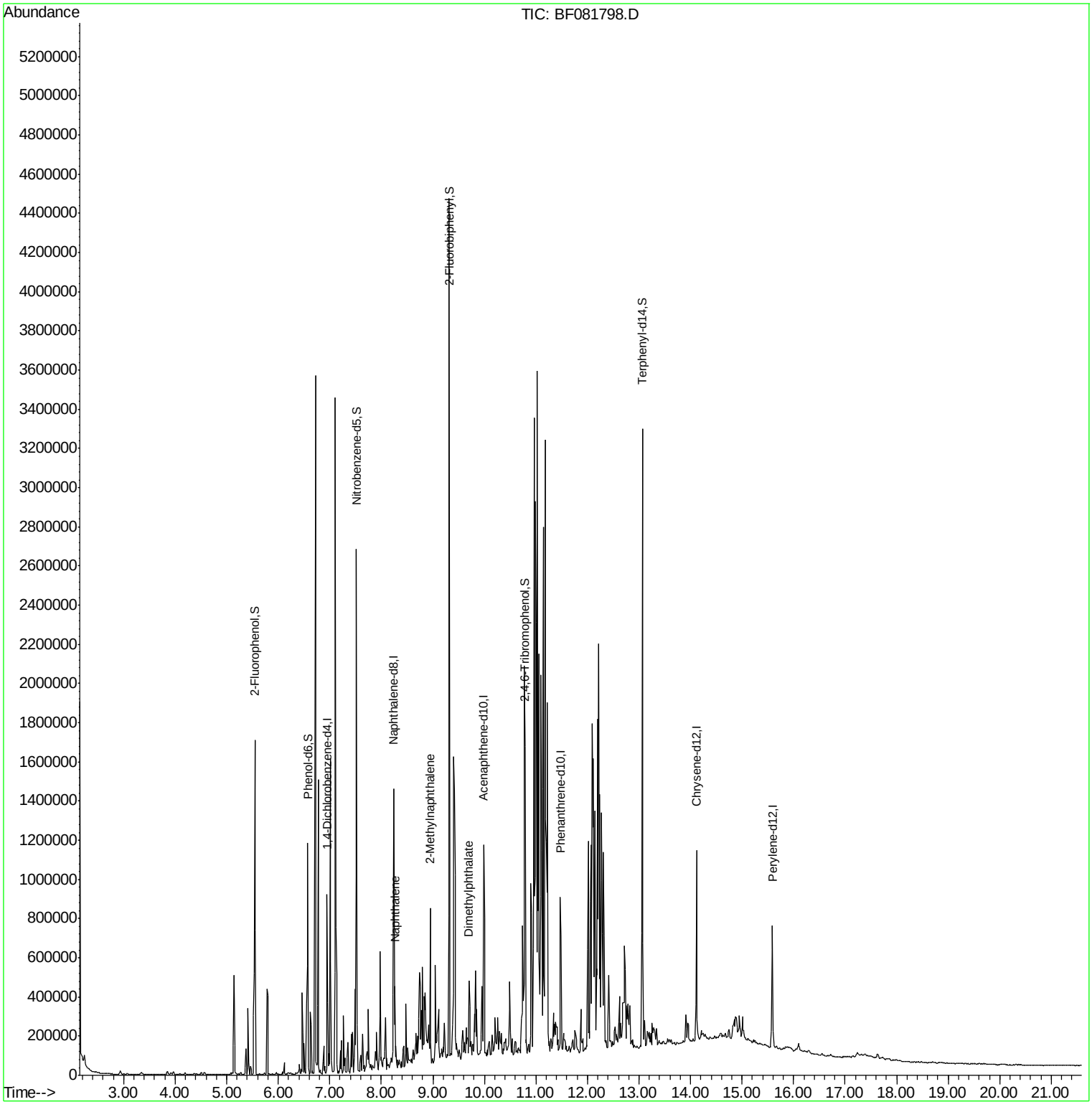
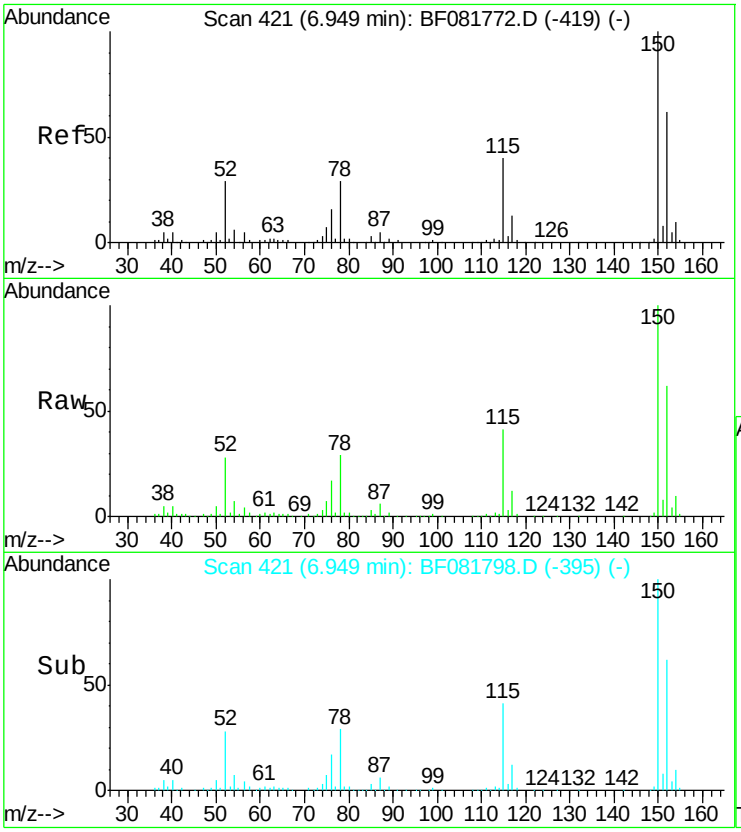


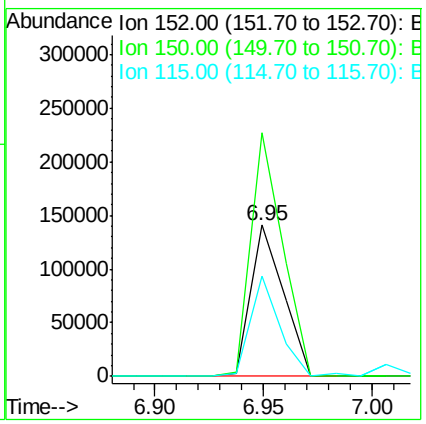


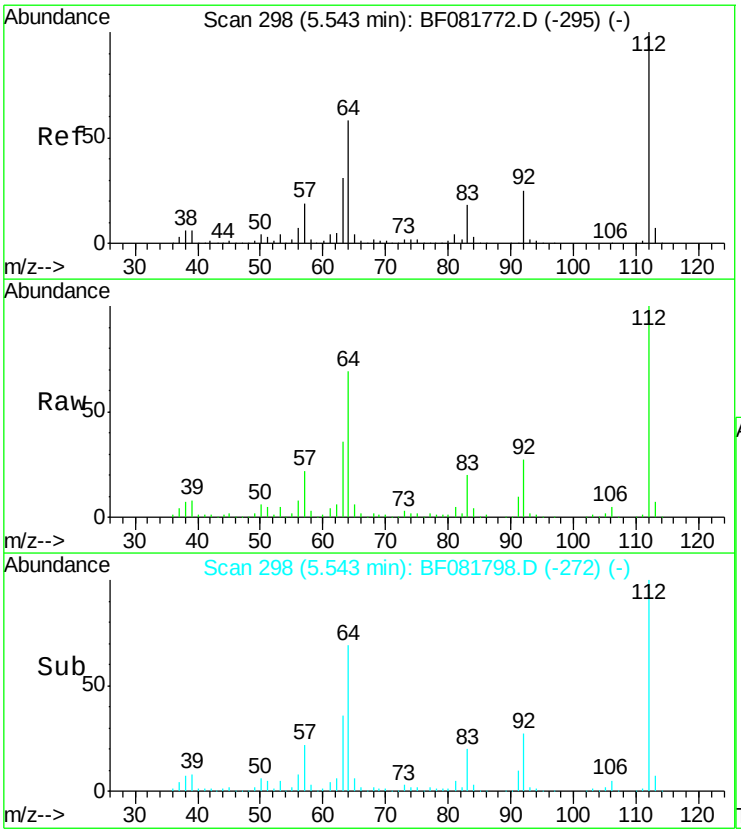
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:152 Resp: 146663

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.7	187.1
115	66.5	39.0	58.4#

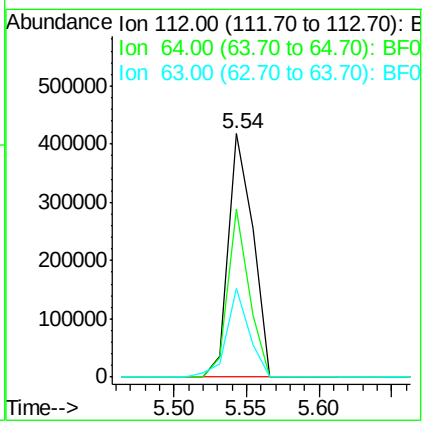


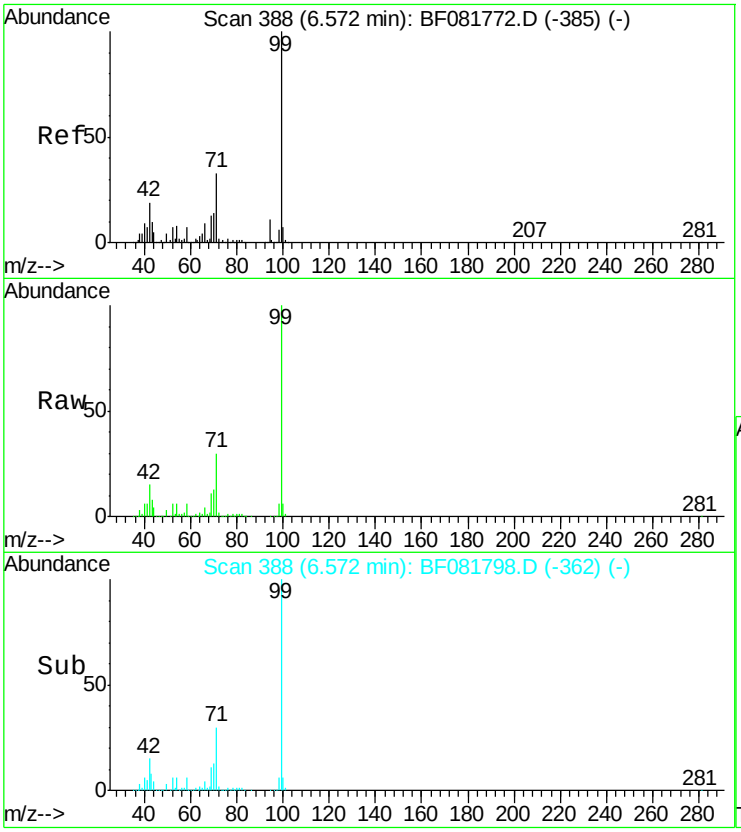


#5
2-Fluorophenol
Concen: 56.33 ng
RT: 5.54 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:112 Resp: 488366

Ion	Ratio	Lower	Upper
112	100		
64	69.0	39.7	59.5#
63	36.2	17.4	26.0#



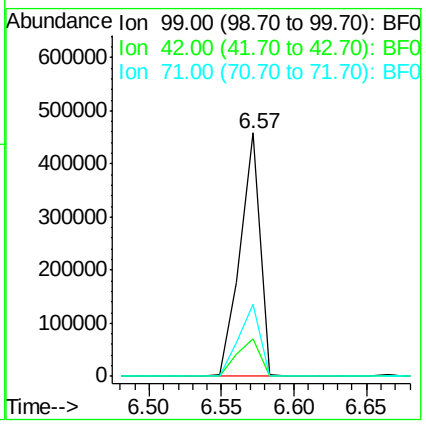


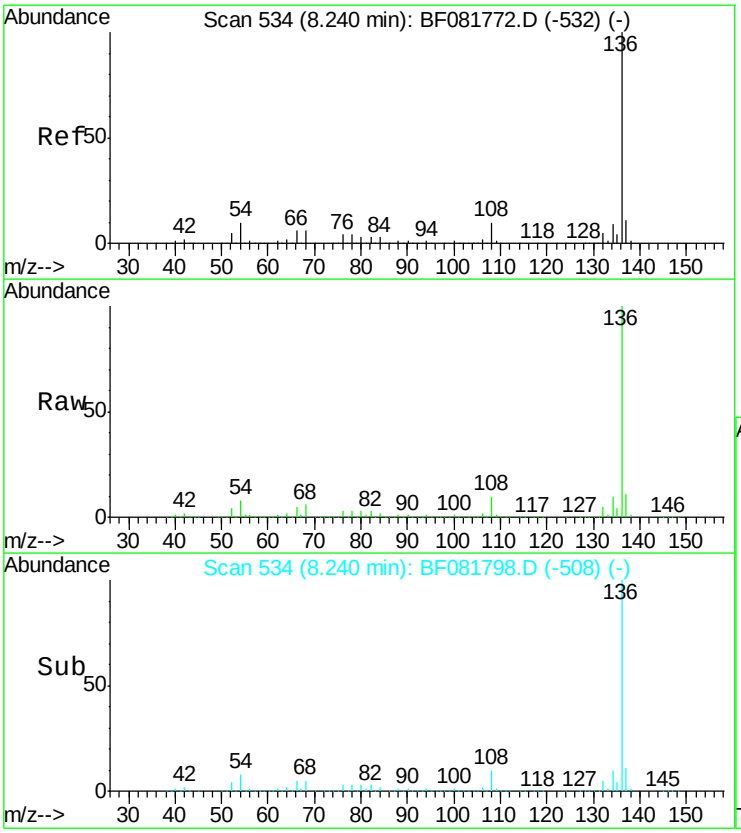
#7
Phenol-d6
Concen: 40.21 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion: 99 Resp: 440938

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.7	20.5
71	29.8	14.2	21.2#

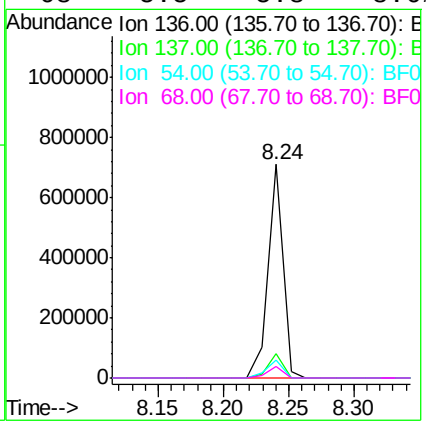


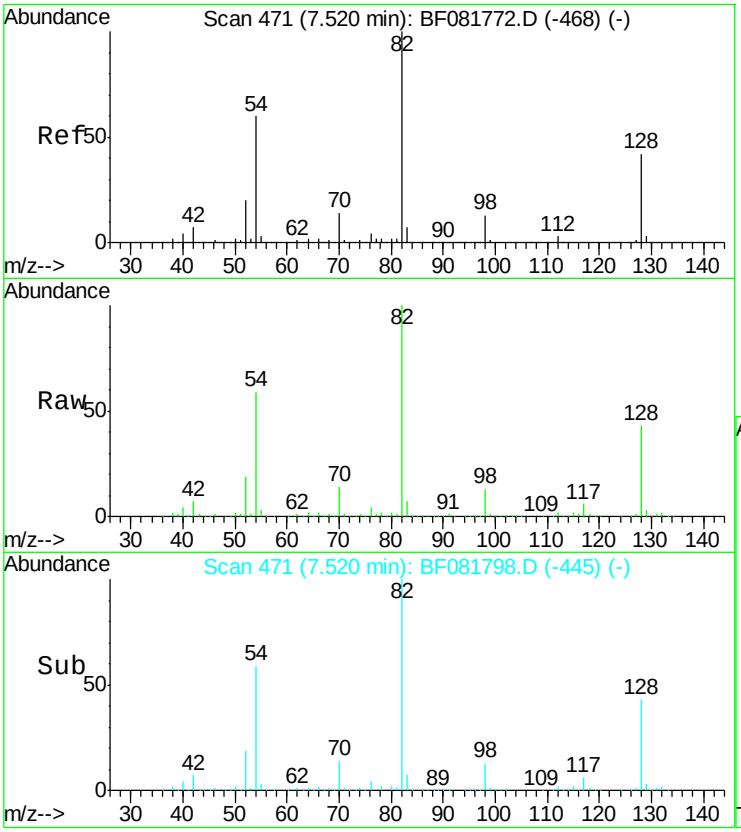


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:136 Resp: 574156

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.2	8.2	12.2
68	5.5	5.8	8.6#



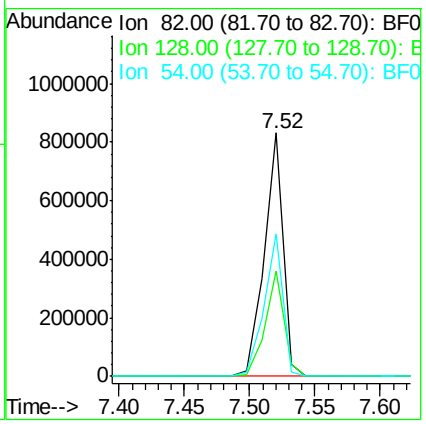


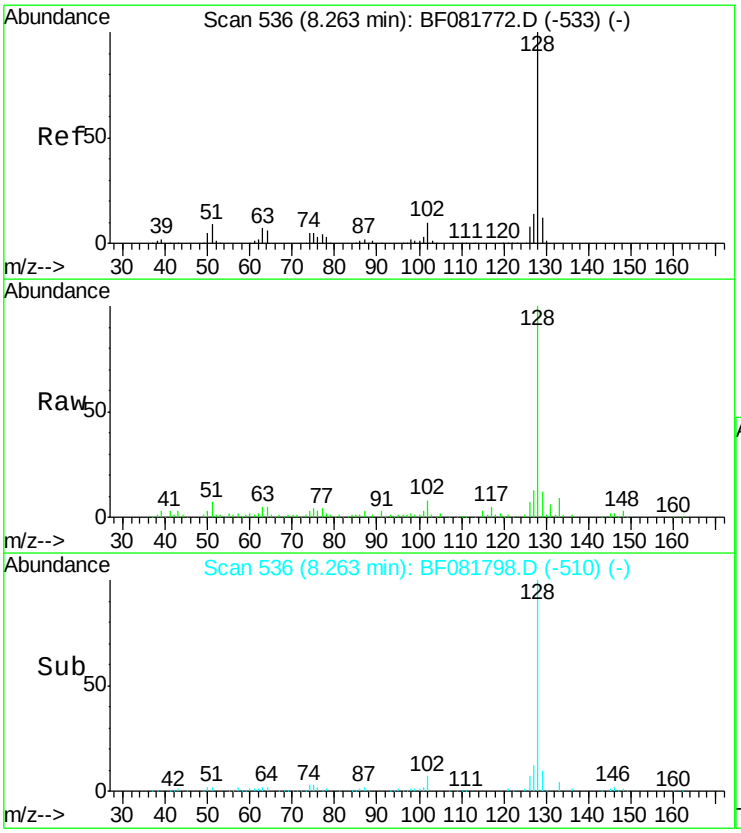
#23
Nitrobenzene-d5
Concen: 96.78 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion: 82 Resp: 842144

Ion	Ratio	Lower	Upper
82	100		
128	43.5	51.0	76.6#
54	58.8	47.5	71.3

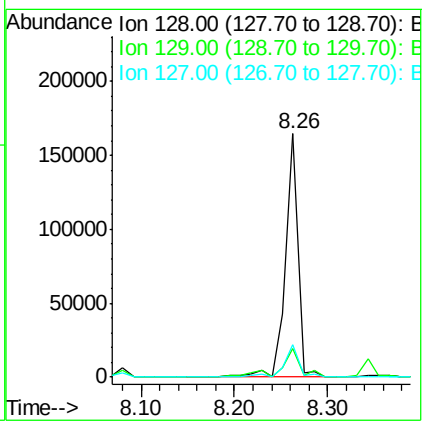


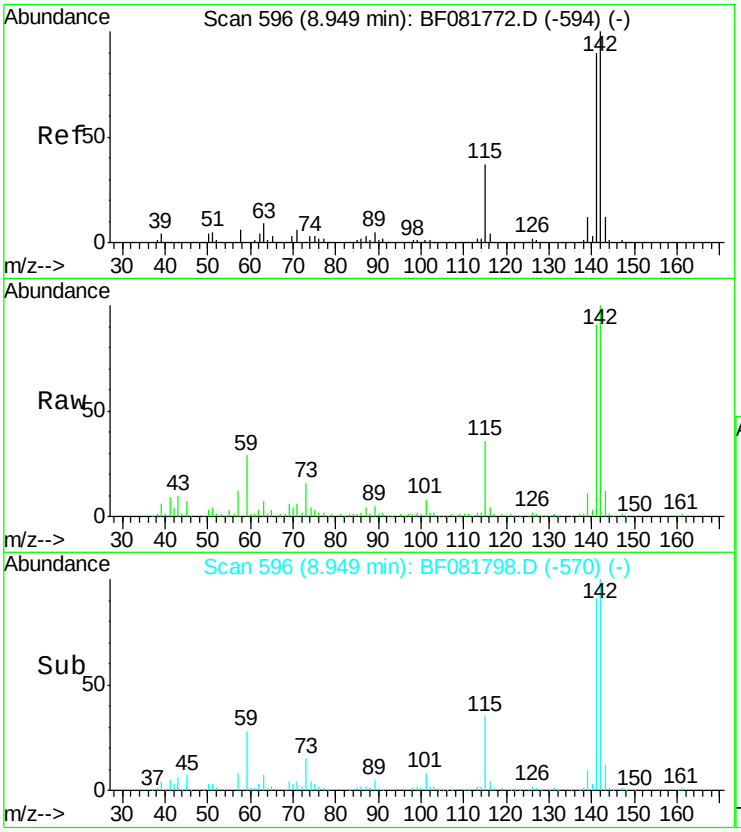


#31
Naphthalene
Concen: 5.81 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:128 Resp: 153813

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.3	9.9	14.9



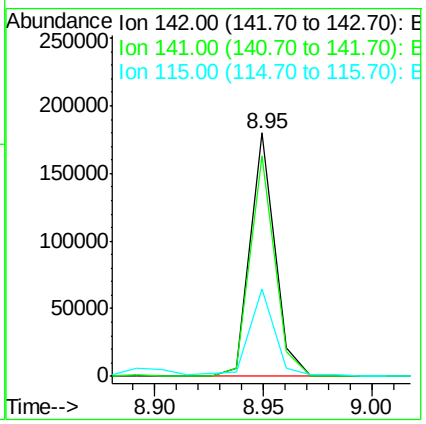


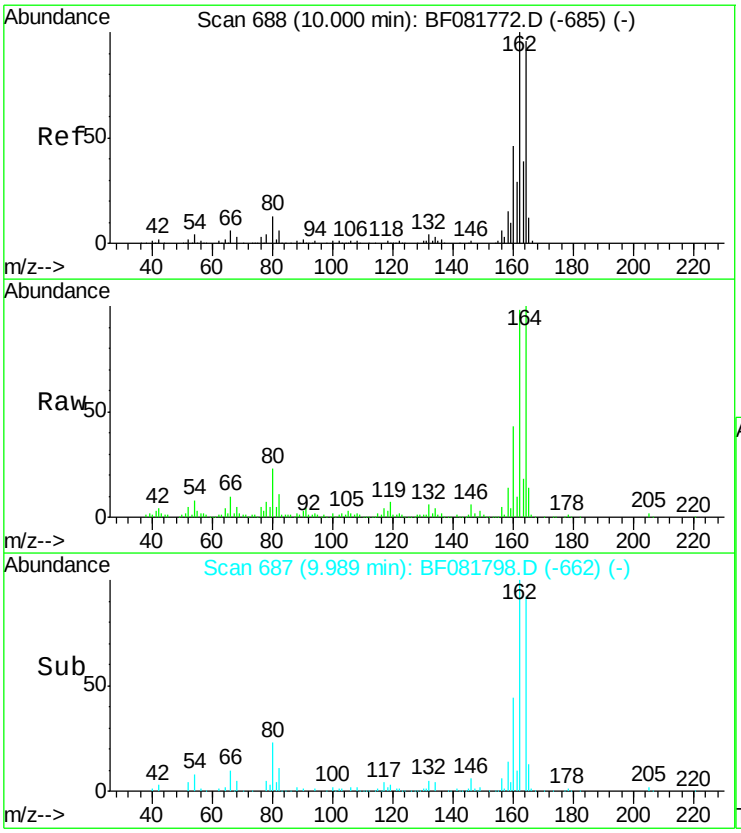
#37
2-Methylnaphthalene
Concen: 7.51 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:142 Resp: 141703

Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.5	101.3
115	35.7	18.2	27.2#

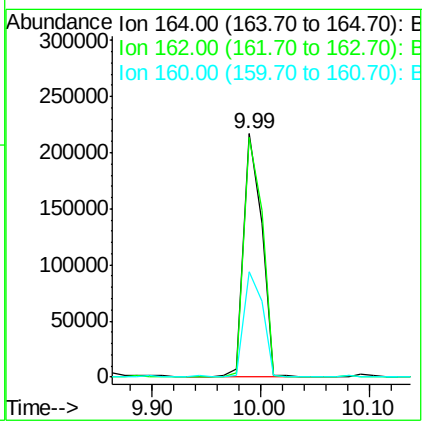


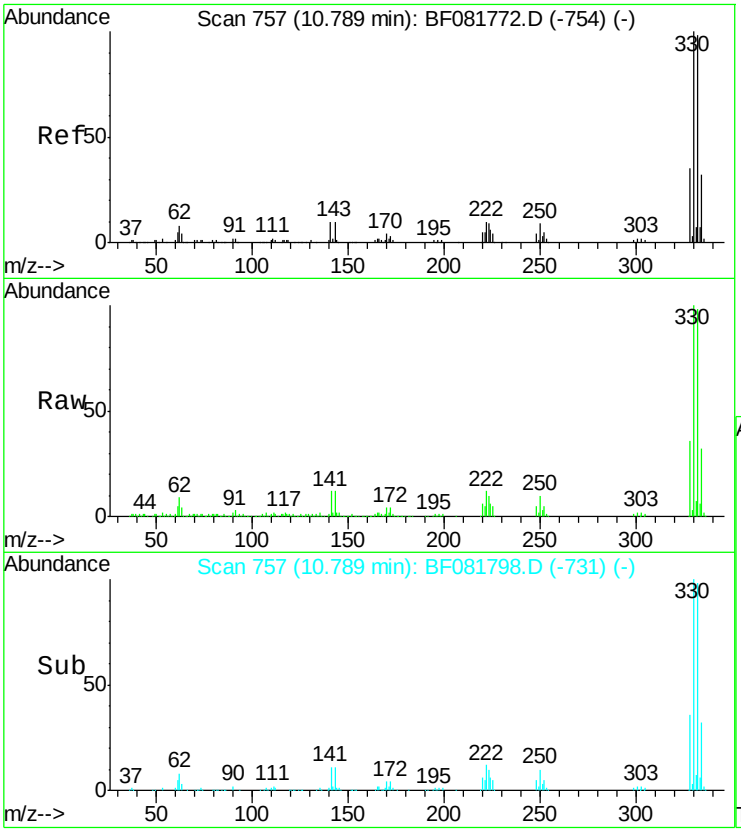


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:164 Resp: 248660

Ion	Ratio	Lower	Upper
164	100		
162	98.4	75.2	112.8
160	43.1	31.5	47.3



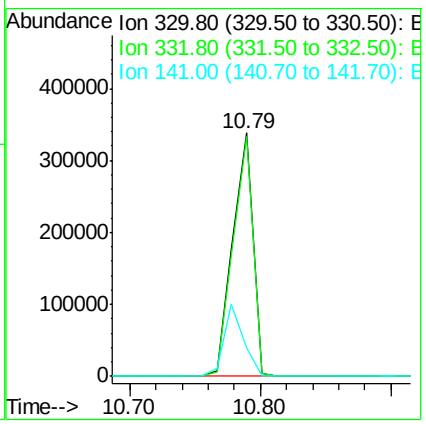


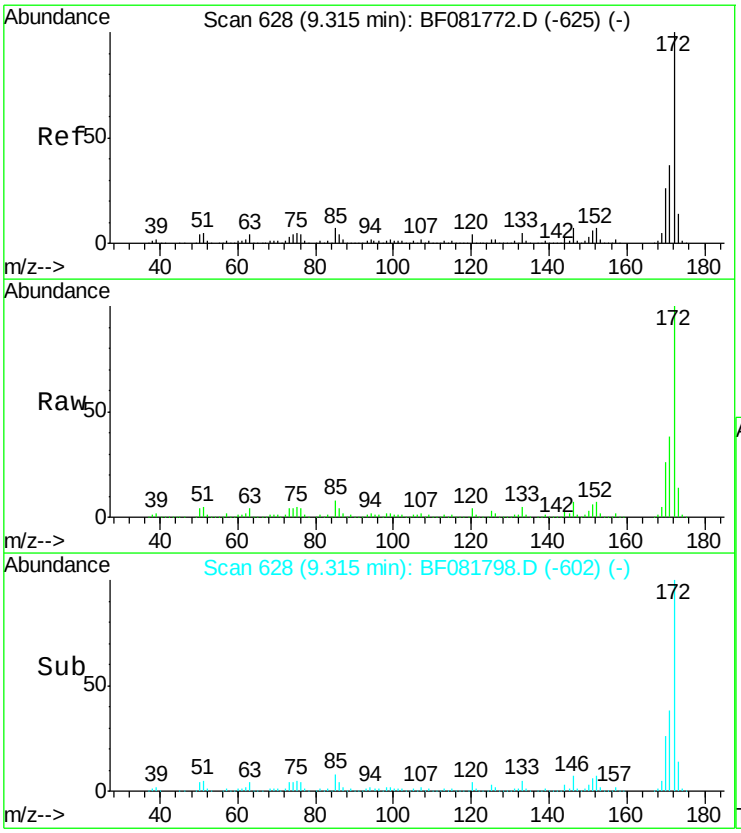
#41
2,4,6-Tribromophenol
Concen: 167.87 ng
RT: 10.79 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:330 Resp: 362410

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	28.9	29.7	44.5#

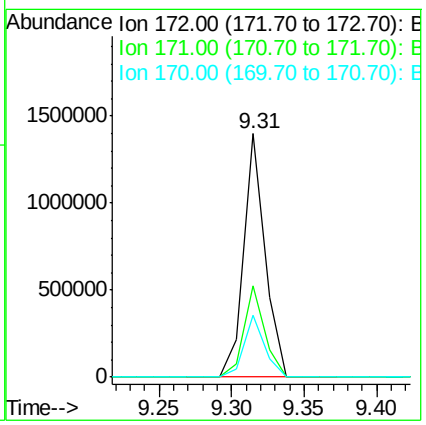


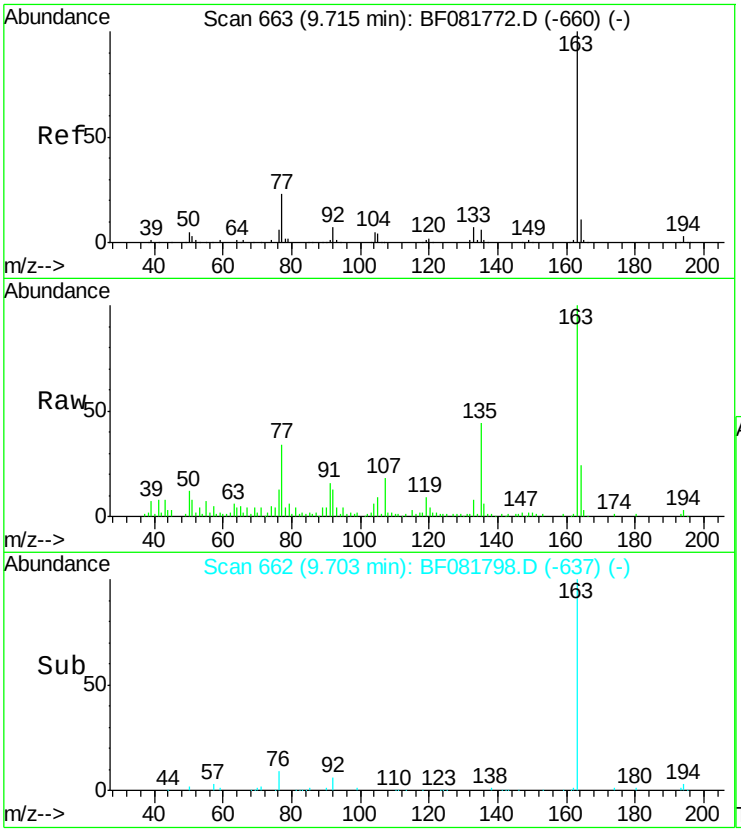


#44
2-Fluorobiphenyl
Concen: 94.04 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:172 Resp: 1424486

Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.6	17.4	26.2



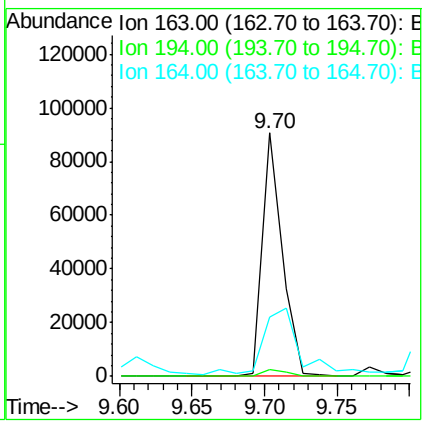


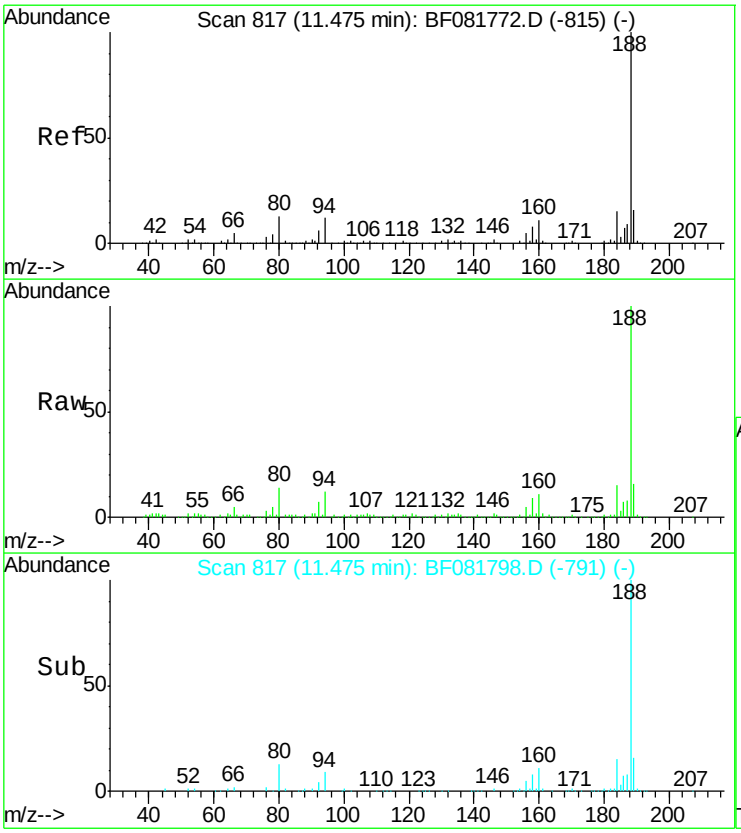
#49
Dimethylphthalate
Concen: 4.58 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:163 Resp: 86742

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	24.3	8.3	12.5#

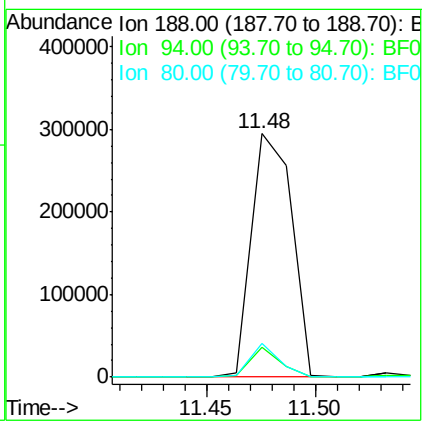


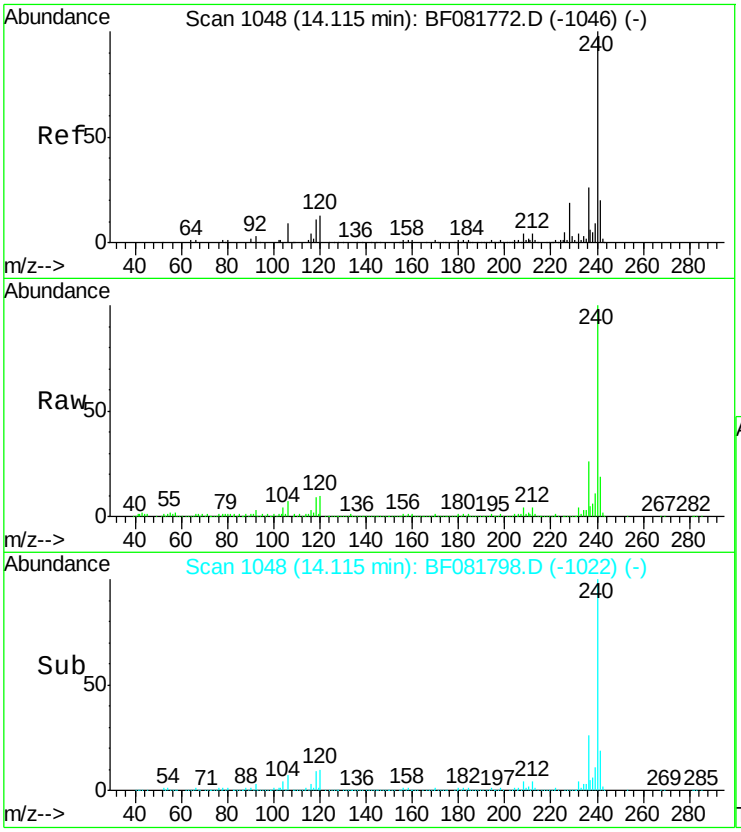


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:188 Resp: 382927

Ion	Ratio	Lower	Upper
188	100		
94	12.5	11.1	16.7
80	14.0	11.0	16.4



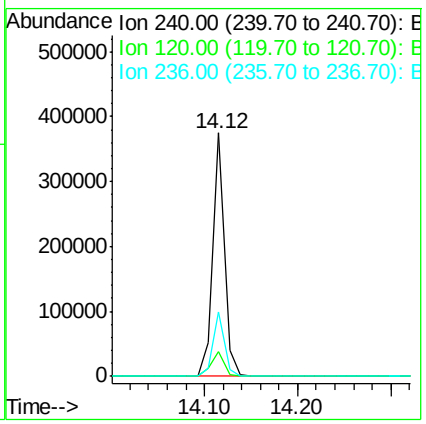


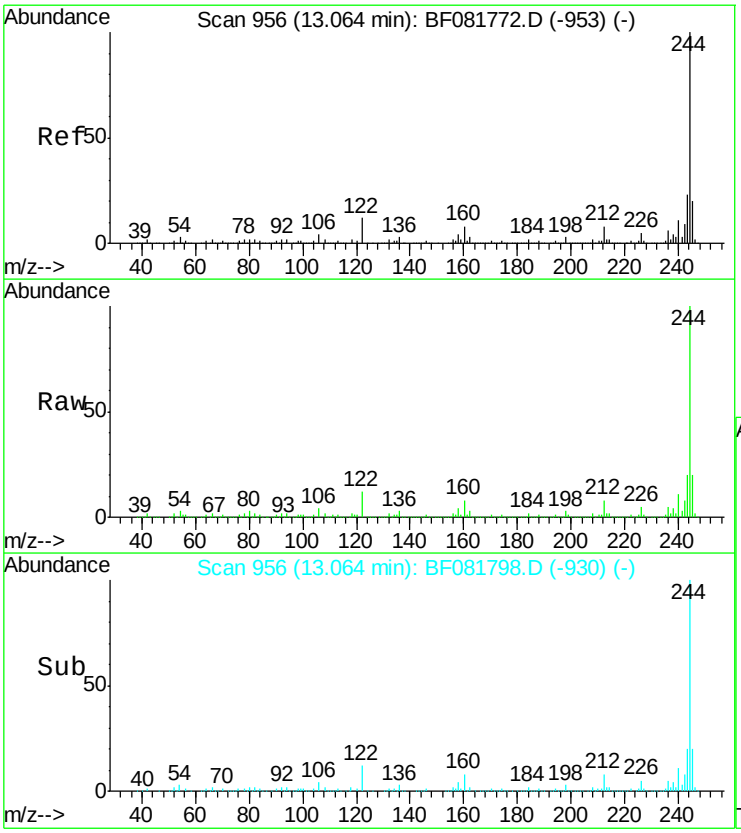
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:240 Resp: 325784

Ion	Ratio	Lower	Upper
240	100		
120	10.1	16.2	24.2#
236	26.2	18.4	27.6

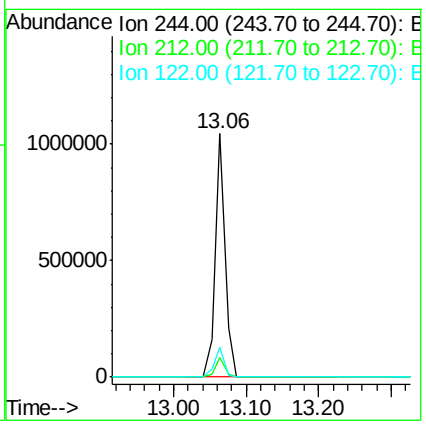


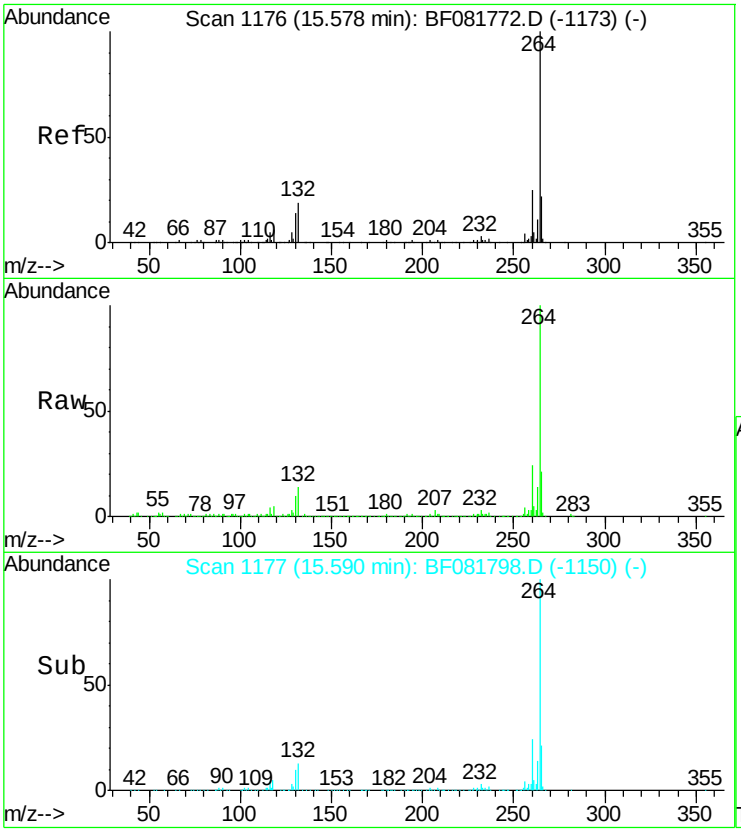


#78
Terphenyl-d14
Concen: 68.77 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:244 Resp: 980779

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.2	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:264 Resp: 337237

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.4	17.2	25.8