Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081816.D
Acq On : 25 Sep 2015 21:57
Operator : UM/IZ
Sample : G3704-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13-9-15-15

Quant Time: Sep 26 02:12:21 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	180112	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	623819	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	305773	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	499966	20.00	ng		0.00
75) Chrysene-d12	14.12	240	410764	20.00	ng		0.00
86) Perylene-d12	15.59	264	406008	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	592399	55.64	ng		0.00
7) Phenol-d6	6.56	99	452596	33.61	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1123645	118.84	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	451815	170.20	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1630580	87.54	ng		0.00
78) Terphenyl-d14	13.08	244	1558441	86.67	ng		0.01
Target Compounds							Qvalue
31) Naphthalene	8.25	128	263828	9.17	ng		98
37) 2-Methylnaphthalene	8.95	142	103789	5.06	ng	#	91
49) Dimethylphthalate	9.70	163	126531	5.44	ng	#	86

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

Quantitation Report (LSC Reviewed)

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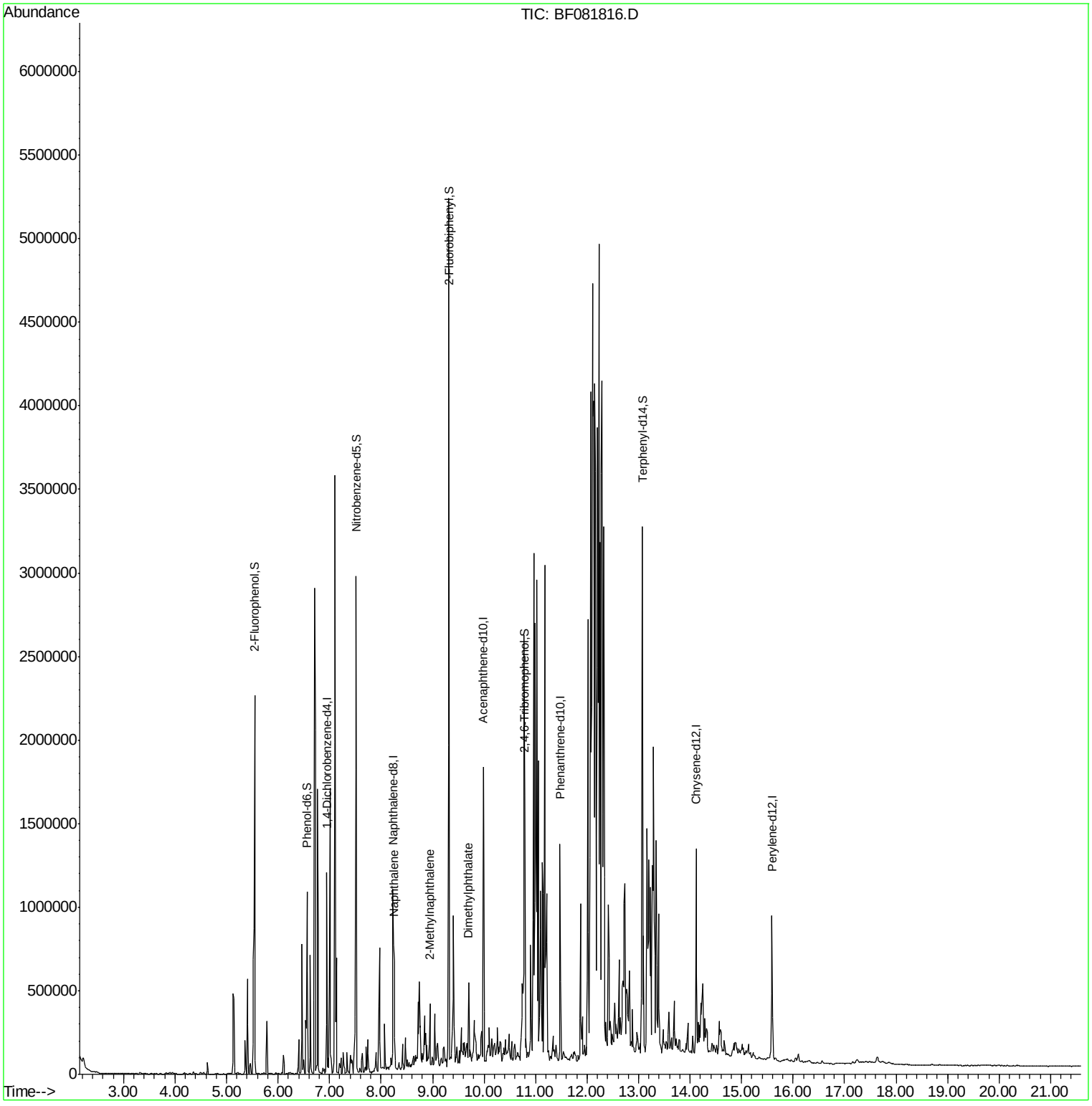
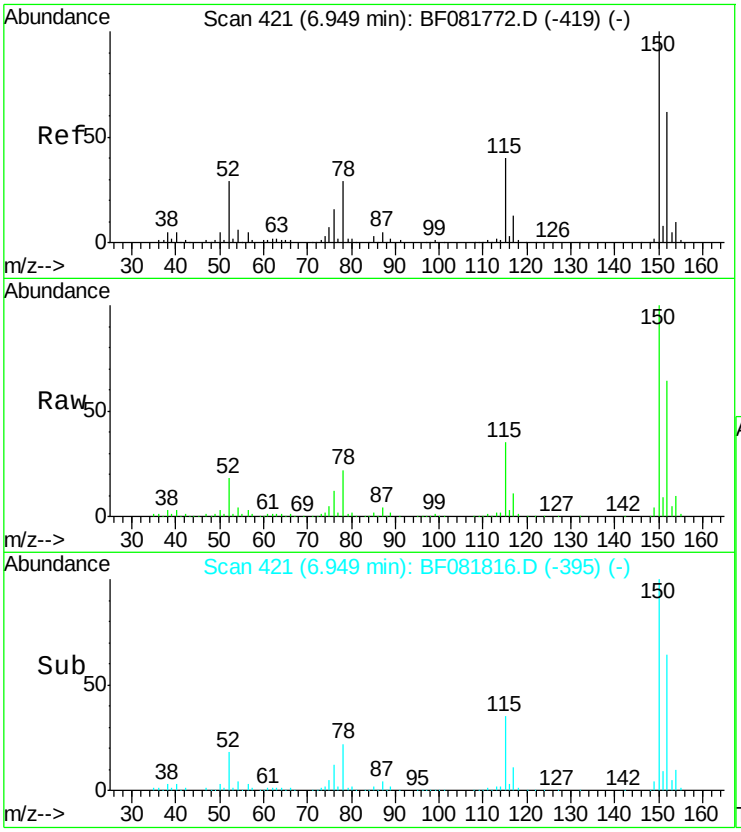


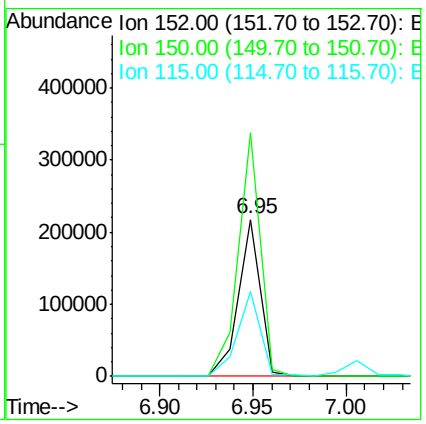


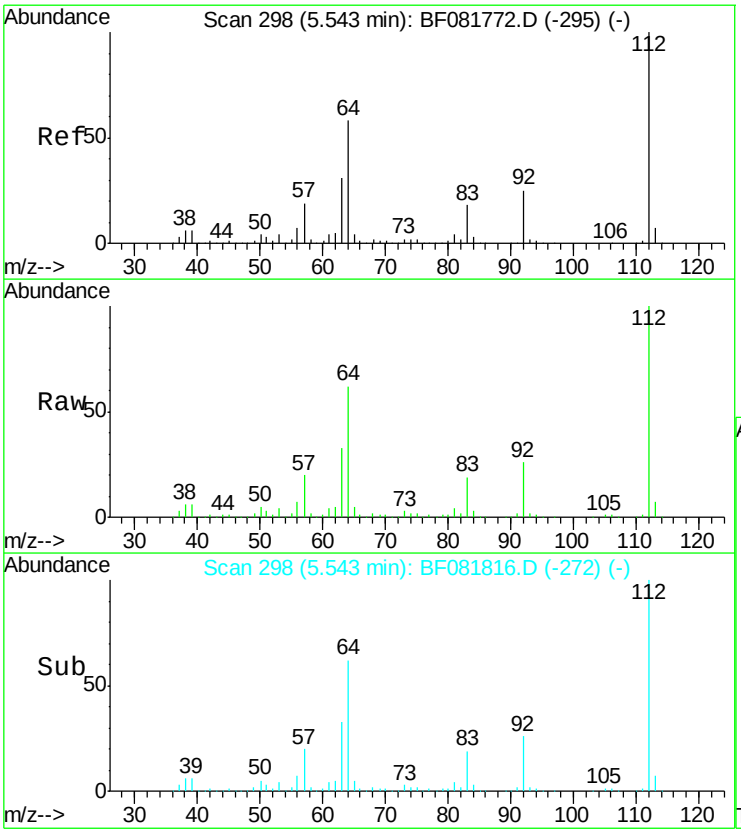
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:152 Resp: 180112

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	54.4	39.0	58.4

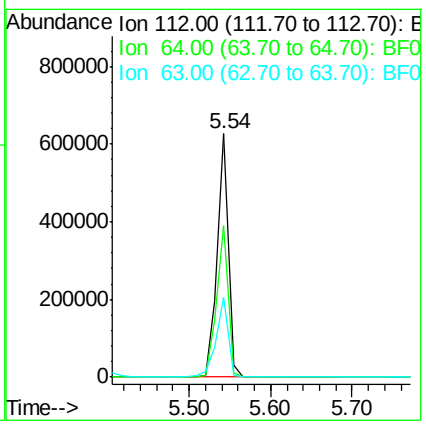


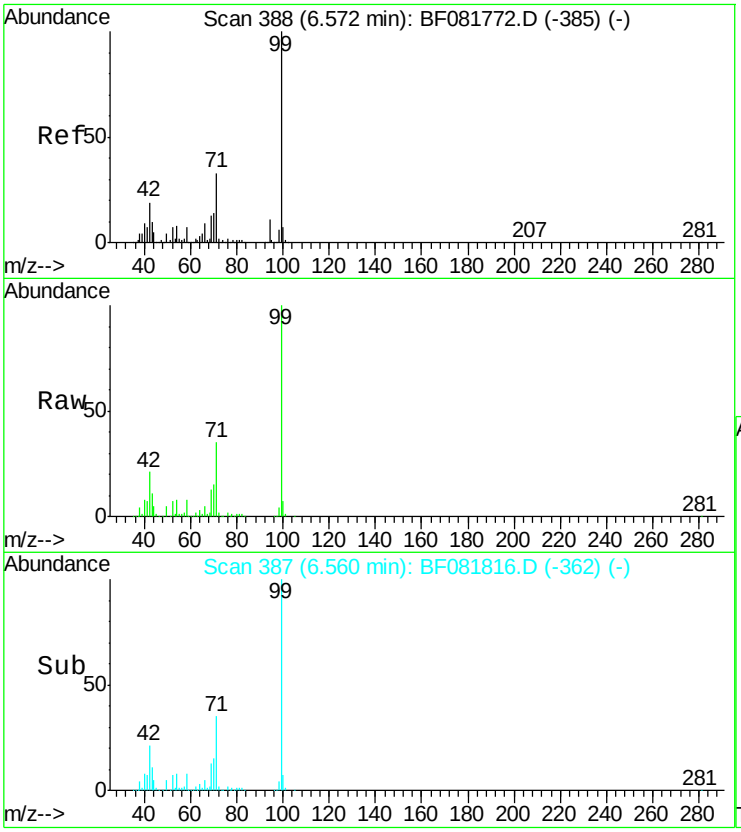


#5
2-Fluorophenol
Concen: 55.64 ng
RT: 5.54 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:112 Resp: 592399

Ion	Ratio	Lower	Upper
112	100		
64	62.2	39.7	59.5#
63	32.9	17.4	26.0#



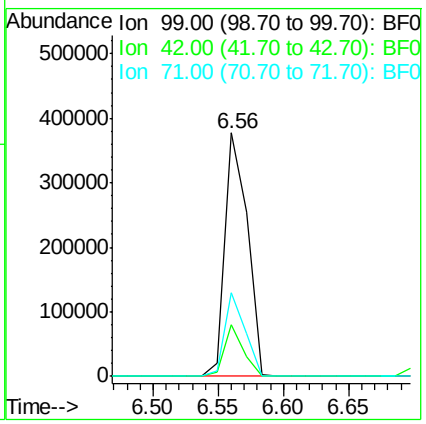


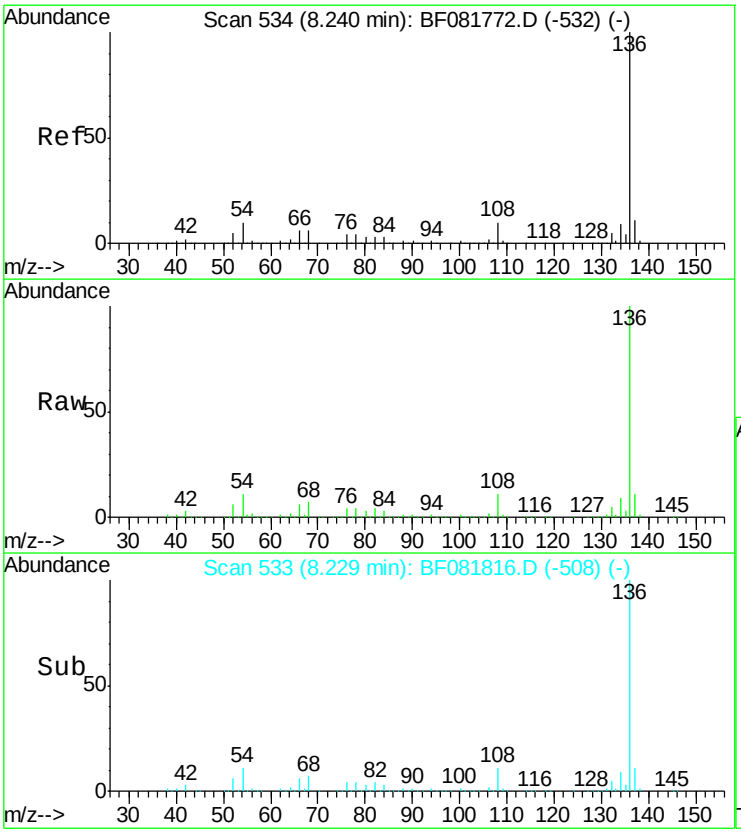
#7
Phenol-d6
Concen: 33.61 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion: 99 Resp: 452596

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.7	20.5#
71	34.6	14.2	21.2#

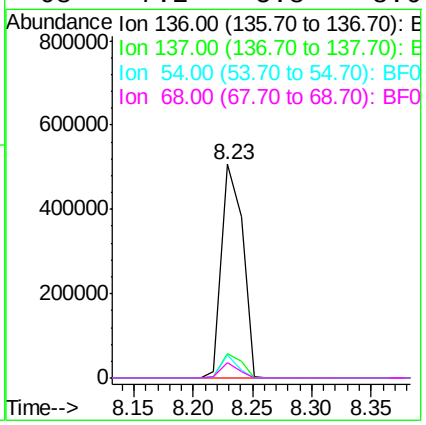


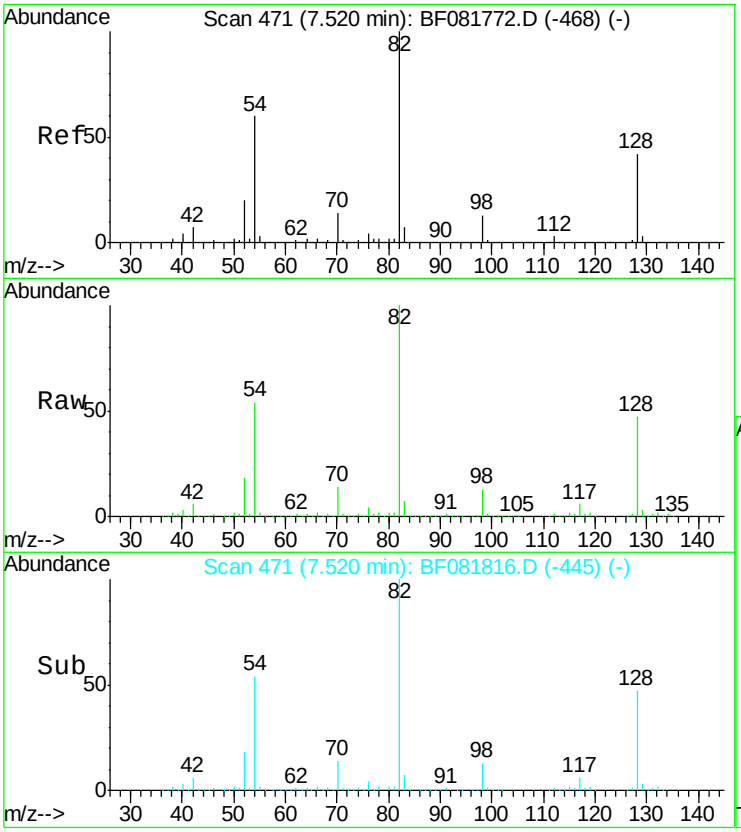


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:136 Resp: 623819

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	11.1	8.2	12.2
68	7.2	5.8	8.6



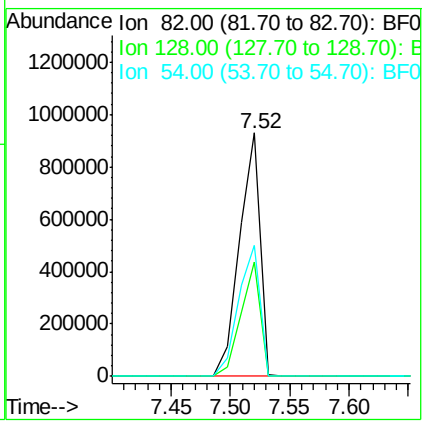


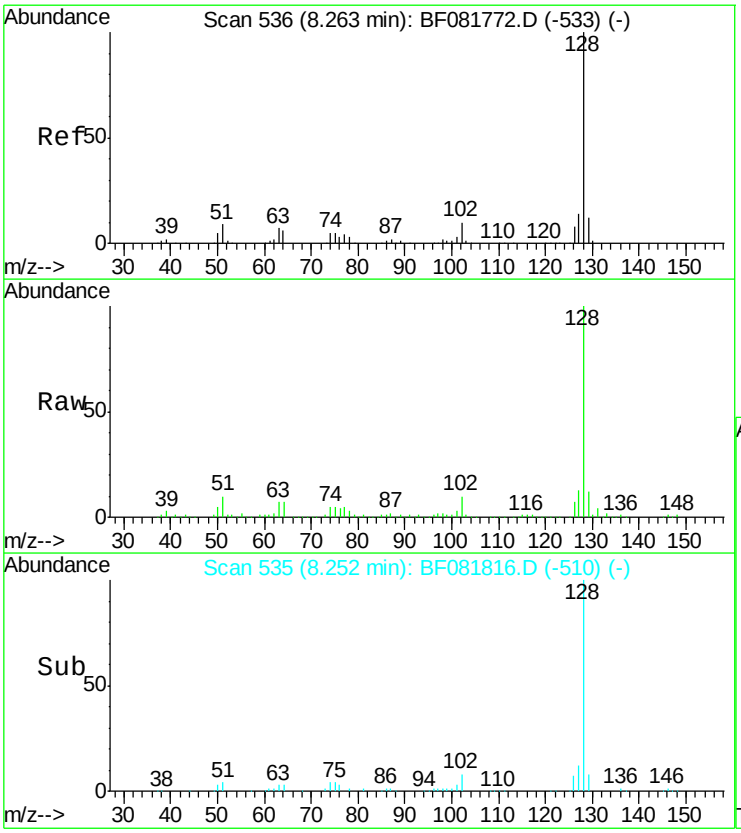
#23
Nitrobenzene-d5
Concen: 118.84 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion: 82 Resp: 1123645

Ion	Ratio	Lower	Upper
82	100		
128	46.9	51.0	76.6#
54	53.9	47.5	71.3

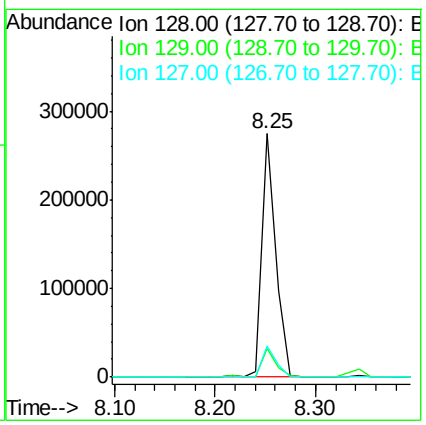


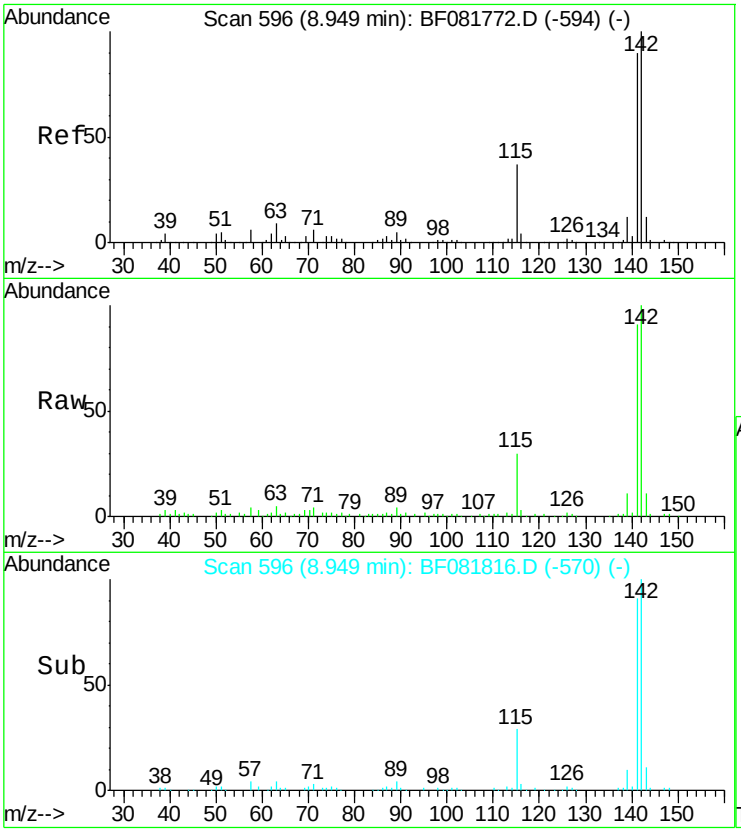


#31
Naphthalene
Concen: 9.17 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:128 Resp: 263828

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	12.8	9.9	14.9



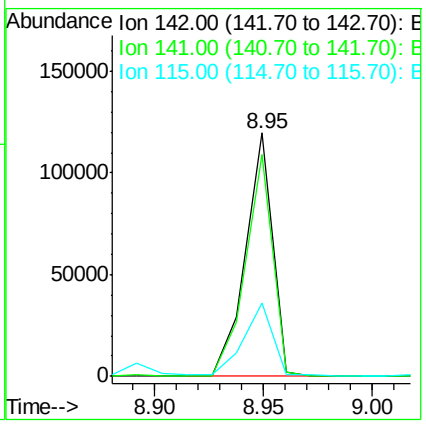


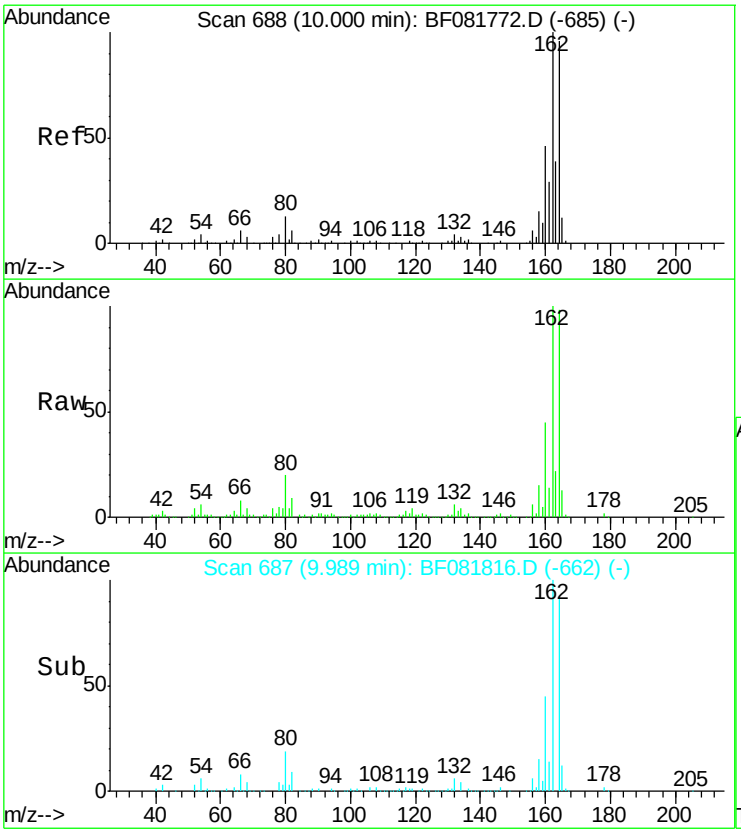
#37
2-Methylnaphthalene
Concen: 5.06 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:142 Resp: 103789

Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.5	101.3
115	30.2	18.2	27.2#

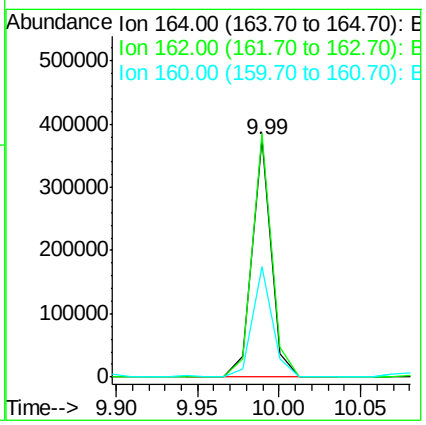


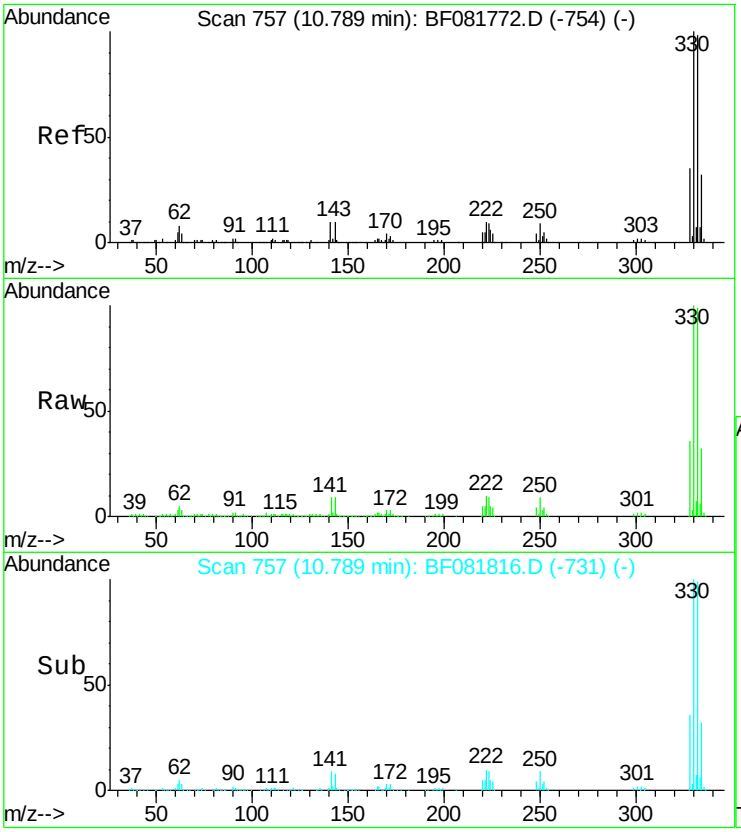


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:164 Resp: 305773

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	46.1	31.5	47.3



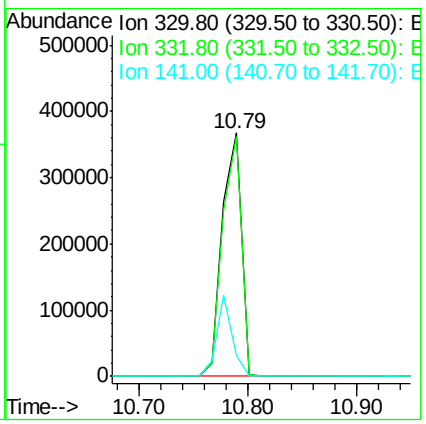


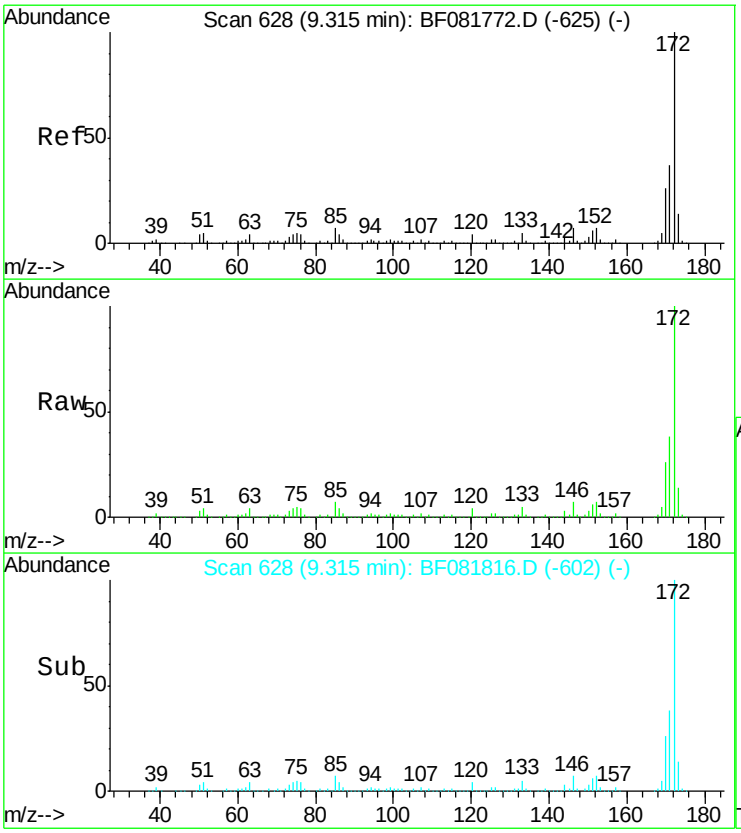
#41
2,4,6-Tribromophenol
Concen: 170.20 ng
RT: 10.79 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:330 Resp: 451815

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	27.4	29.7	44.5#

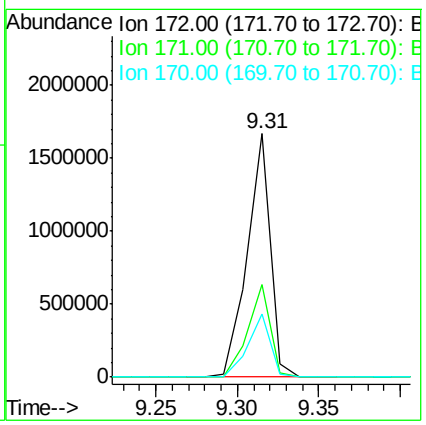


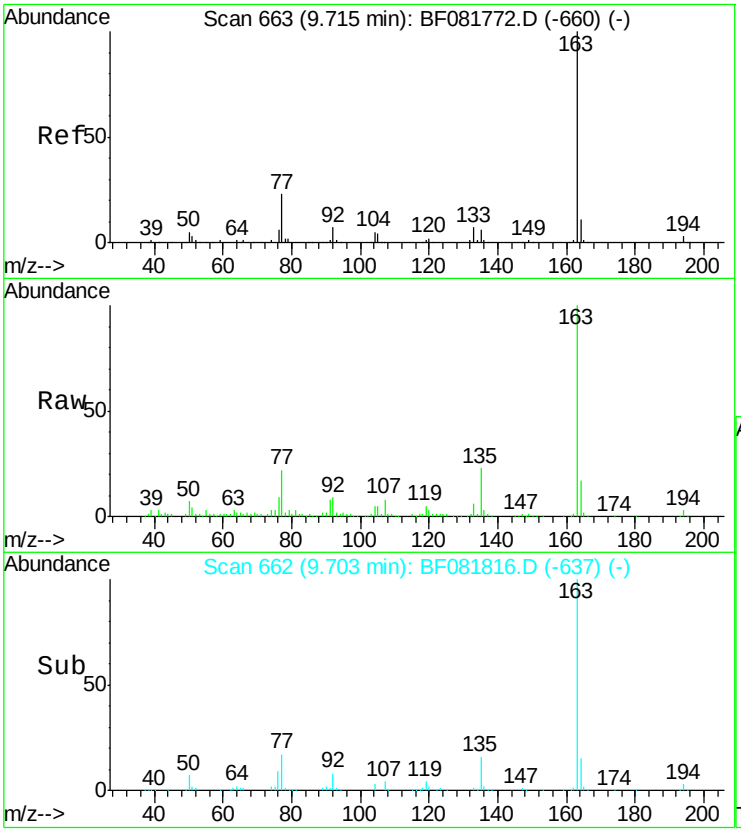


#44
2-Fluorobiphenyl
Concen: 87.54 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:172 Resp: 1630580

Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	26.2	17.4	26.2#



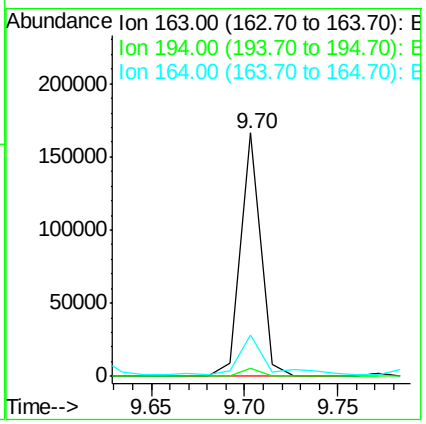


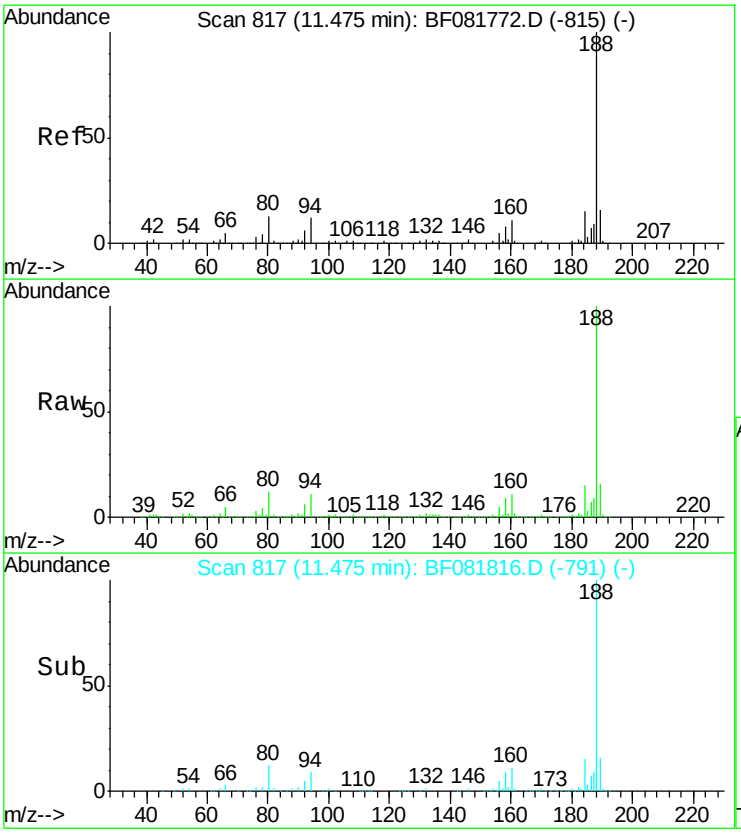
#49
Dimethylphthalate
Concen: 5.44 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:163 Resp: 126531

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	17.1	8.3	12.5#

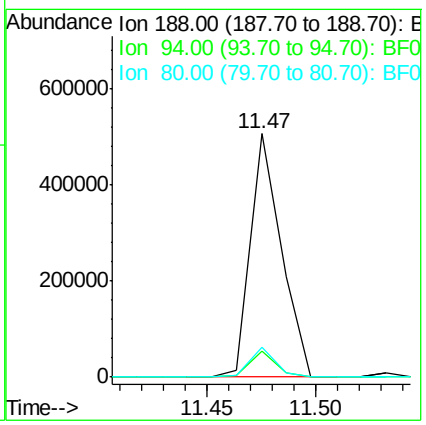


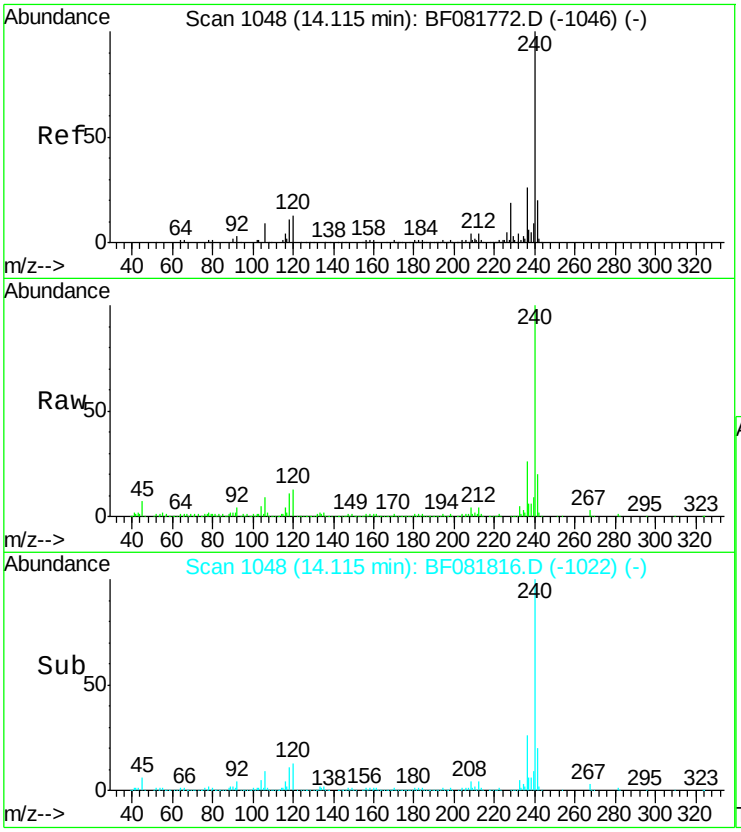


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:188 Resp: 499966

Ion	Ratio	Lower	Upper
188	100		
94	10.9	11.1	16.7#
80	12.4	11.0	16.4



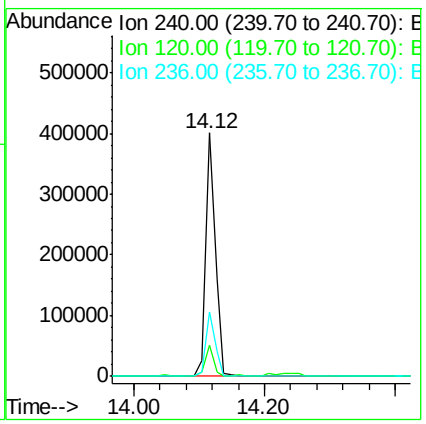


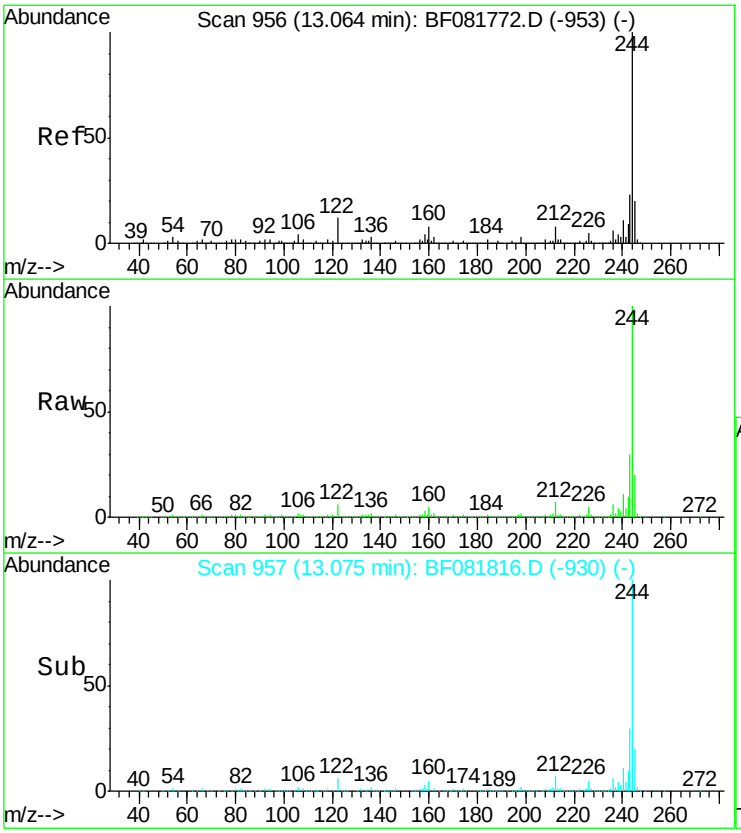
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:240 Resp: 410764

Ion	Ratio	Lower	Upper
240	100		
120	12.8	16.2	24.2#
236	26.4	18.4	27.6

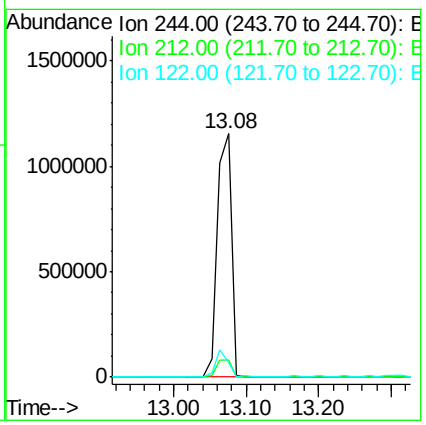


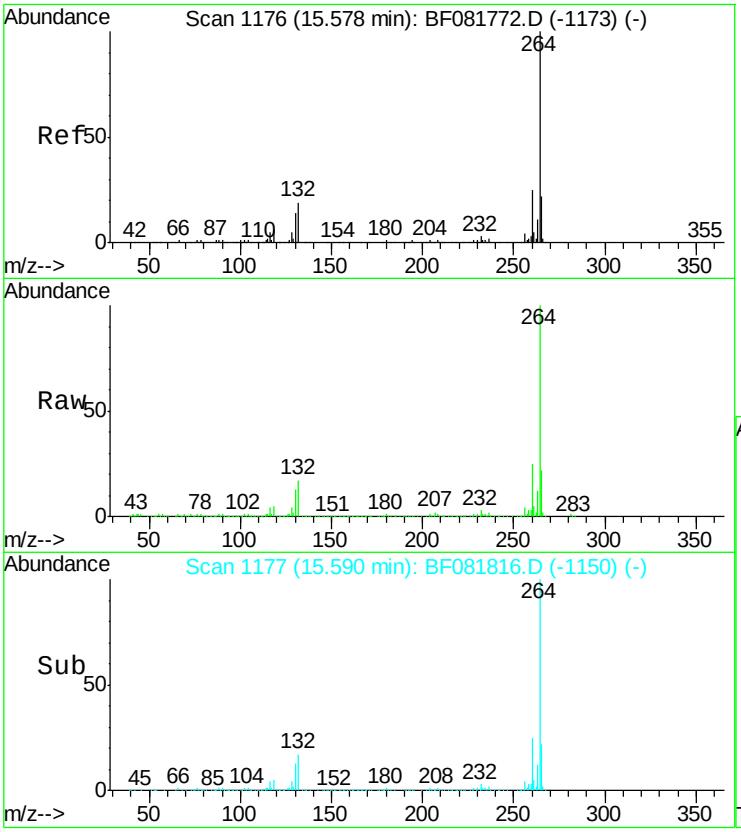


#78
Terphenyl-d14
Concen: 86.67 ng
RT: 13.08 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF081816.D
Acq: 25 Sep 2015 21:57

Tgt Ion:244 Resp: 1558441

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	6.0	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: BF081816.D
Acq: 25 Sep 2015 21:57

Instrument :
BNA_F
ClientSampleId :
MW-13-9-15-15

Tgt Ion:264 Resp: 406008

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.9	17.2	25.8