Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087457.D
Acq On : 27 May 2016 23:11
Operator : UM/SJ
Sample : H3291-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12A

Quant Time: May 28 00:23:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	121707	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	485851	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	241076	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	463258	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	392555	20.00	ng	-0.03
86) Perylene-d12	20.11	264	282472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	468872	67.69	ng	-0.03
7) Phenol-d6	7.03	99	413095	44.14	ng	-0.05
23) Nitrobenzene-d5	8.40	82	818804	84.94	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	315772	136.30	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1463941	85.61	ng	-0.05
78) Terphenyl-d14	17.10	244	1445264	78.27	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.63	88	87128	23.84	ng	# 22
15) Benzyl Alcohol	7.71	79	14303	2.10	ng	# 46
19) n-Nitroso-di-n-propylamine	8.40	70	107492	15.40	ng	# 74

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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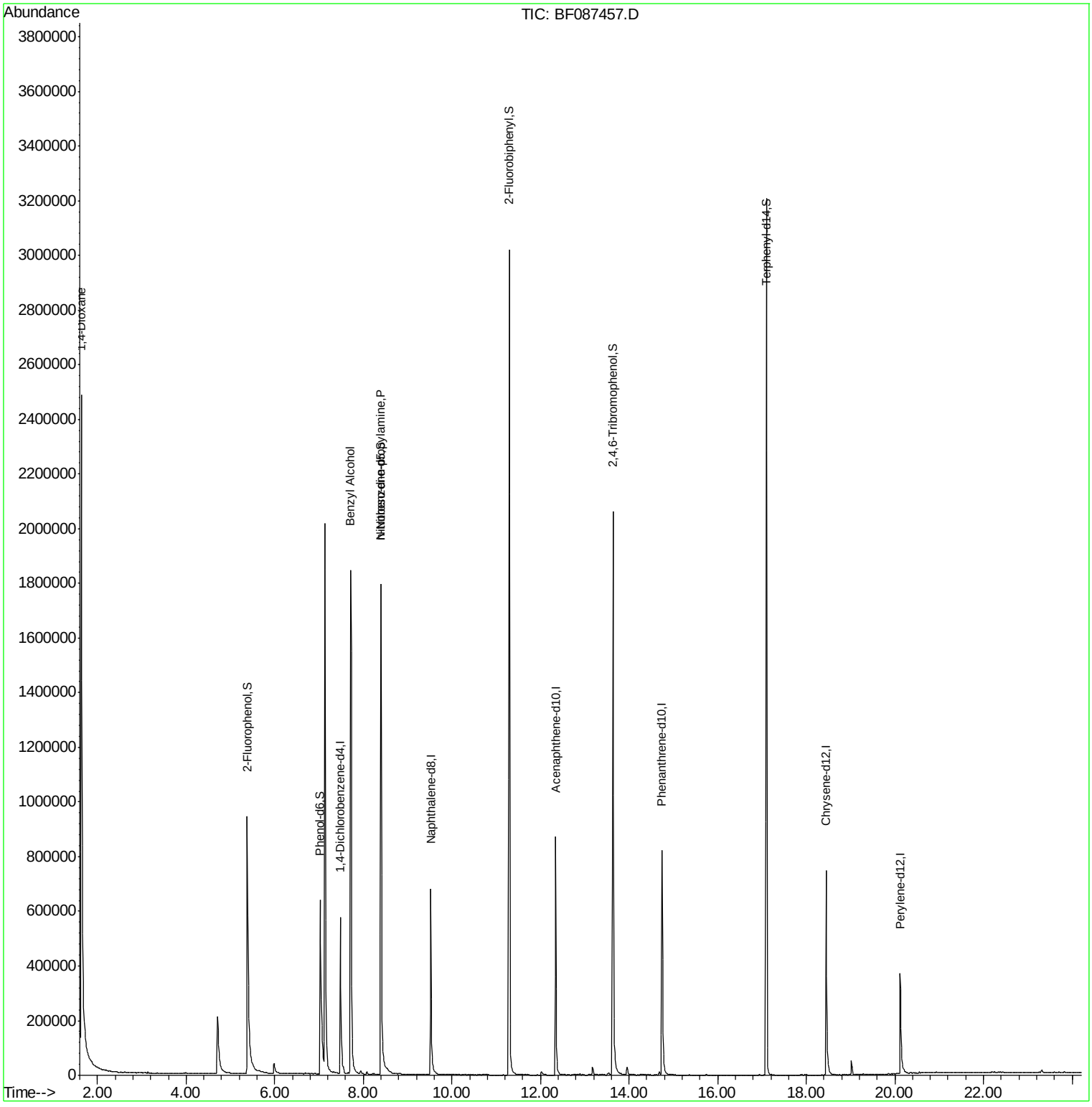
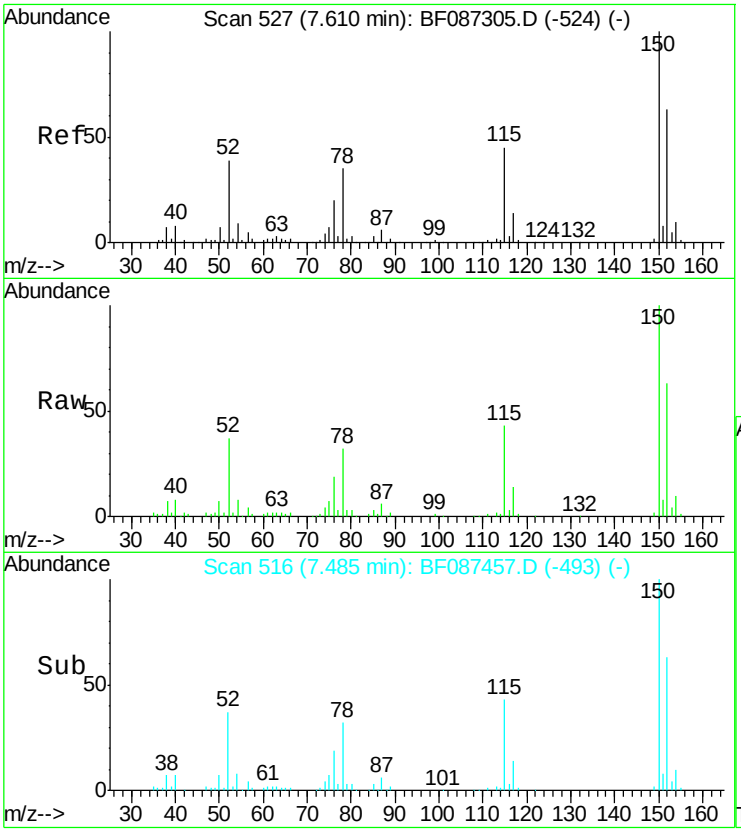


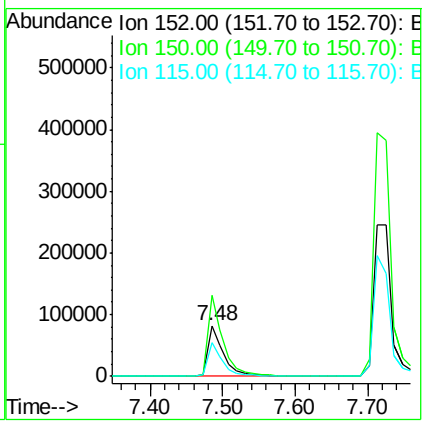


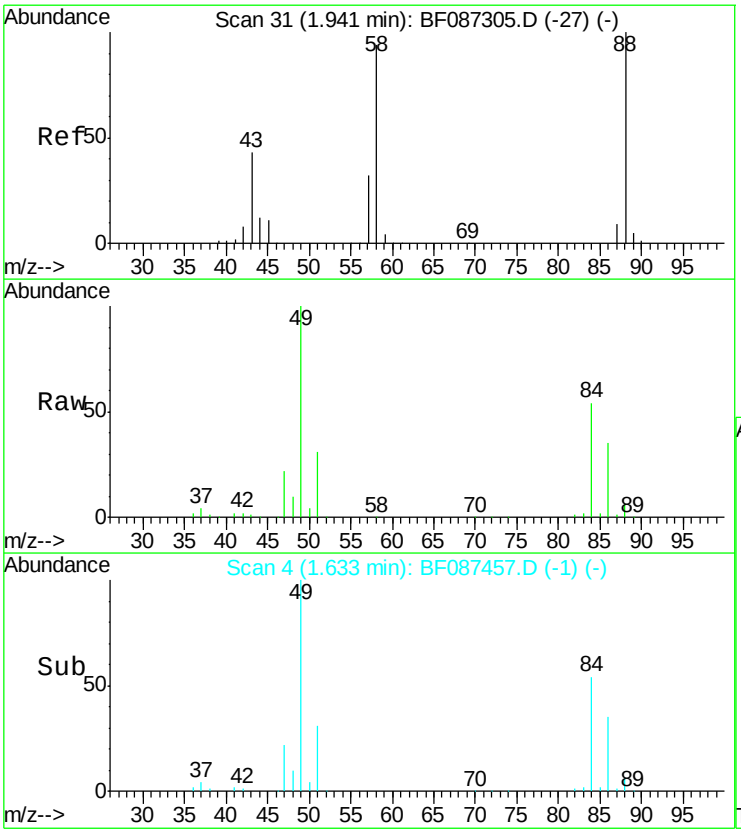
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:152 Resp: 121707

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	67.4	51.5	77.3

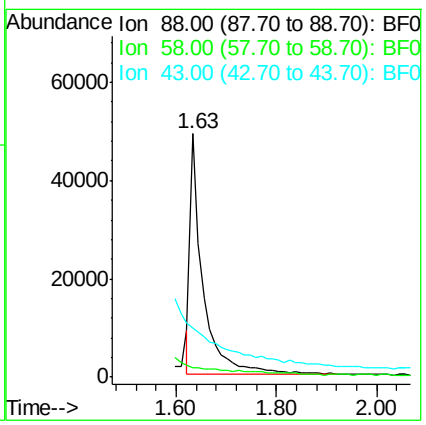


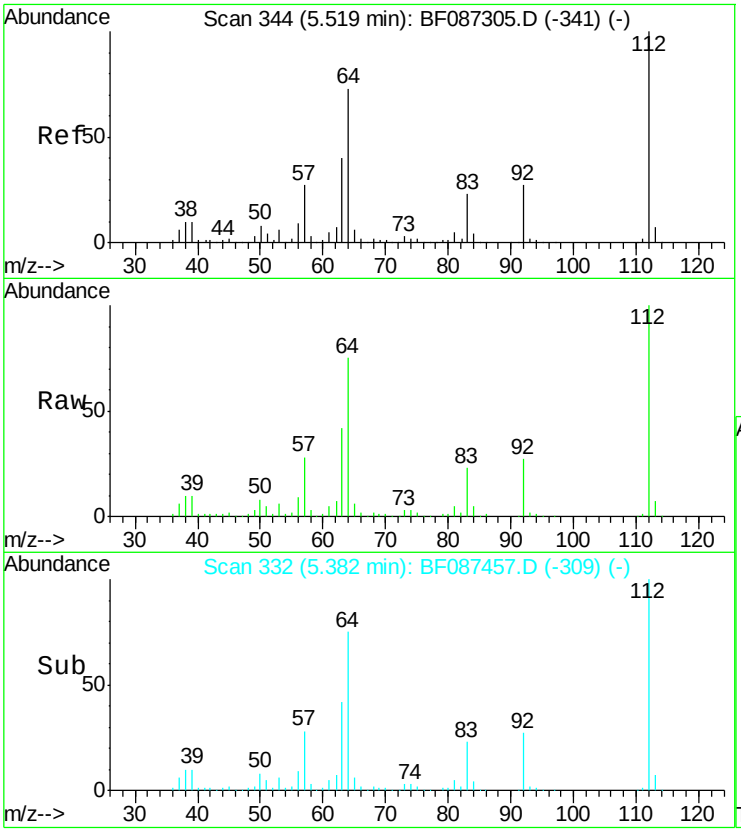


#2
1,4-Dioxane
Concen: 23.84 ng
RT: 1.63 min Scan# 4
Delta R.T. -0.18 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion: 88 Resp: 87128

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



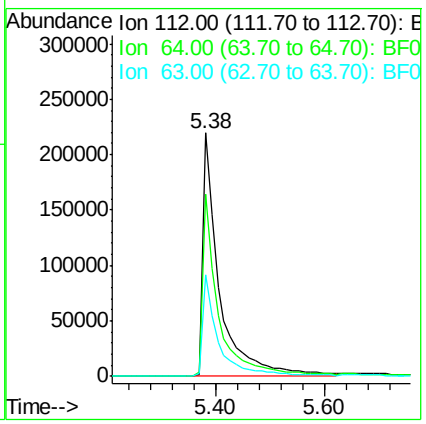


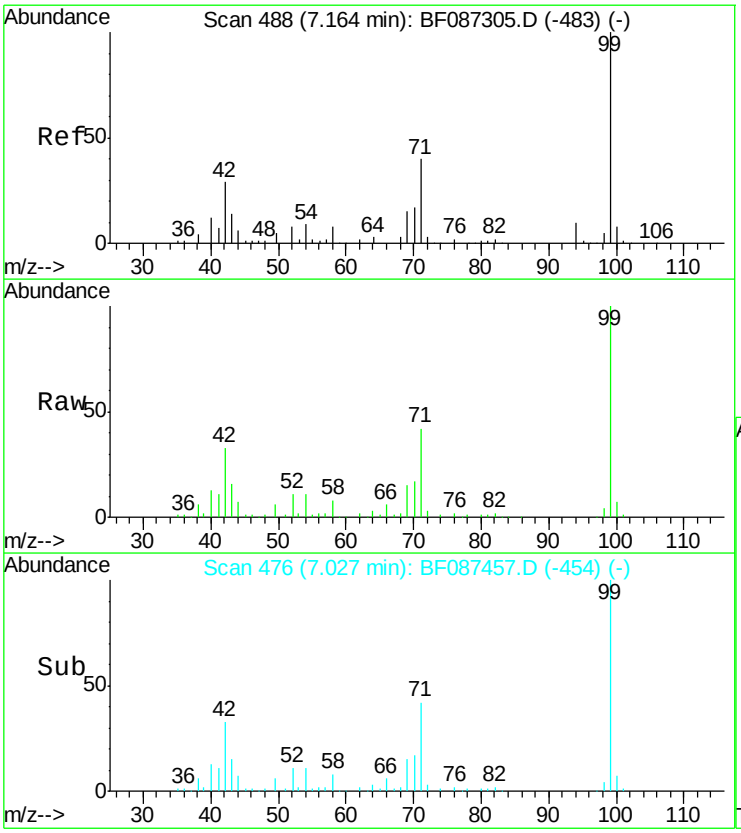
#5
2-Fluorophenol
Concen: 67.69 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:112 Resp: 468872

Ion	Ratio	Lower	Upper
112	100		
64	74.6	52.1	78.1
63	41.7	25.7	38.5#

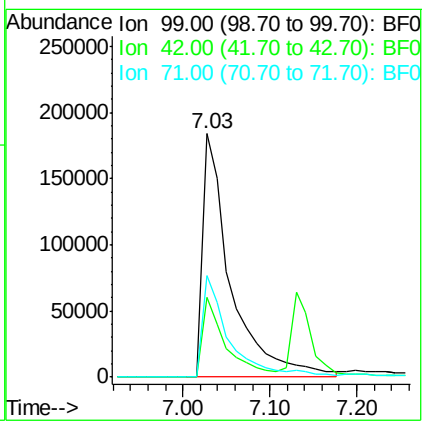


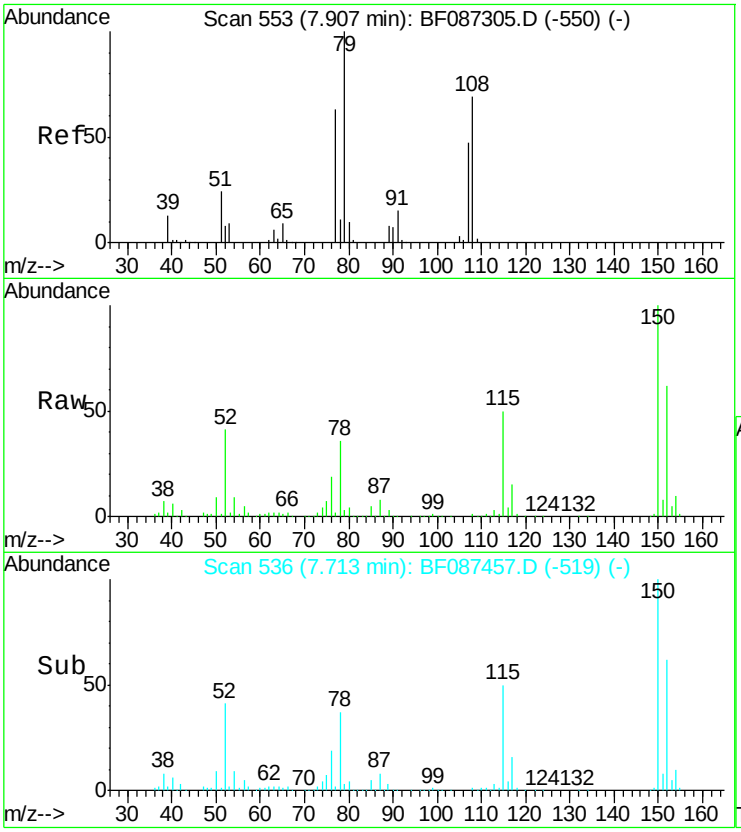


#7
Phenol-d6
Concen: 44.14 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion: 99 Resp: 413095

Ion	Ratio	Lower	Upper
99	100		
42	32.5	13.6	20.4#
71	41.8	24.6	36.8#



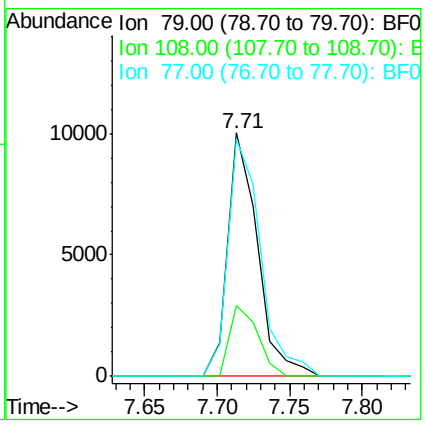


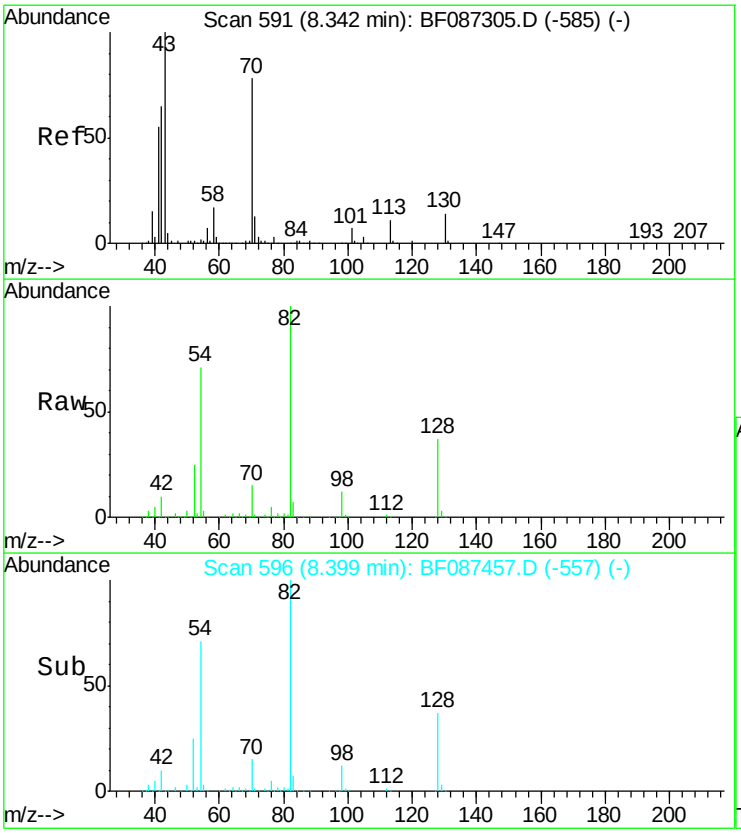
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.10 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion: 79 Resp: 14303

Ion	Ratio	Lower	Upper
79	100		
108	29.2	68.4	102.6#
77	97.4	50.6	76.0#

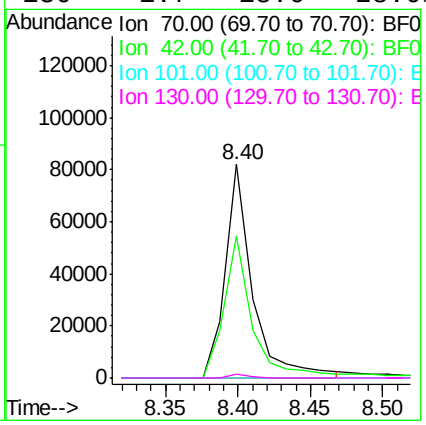


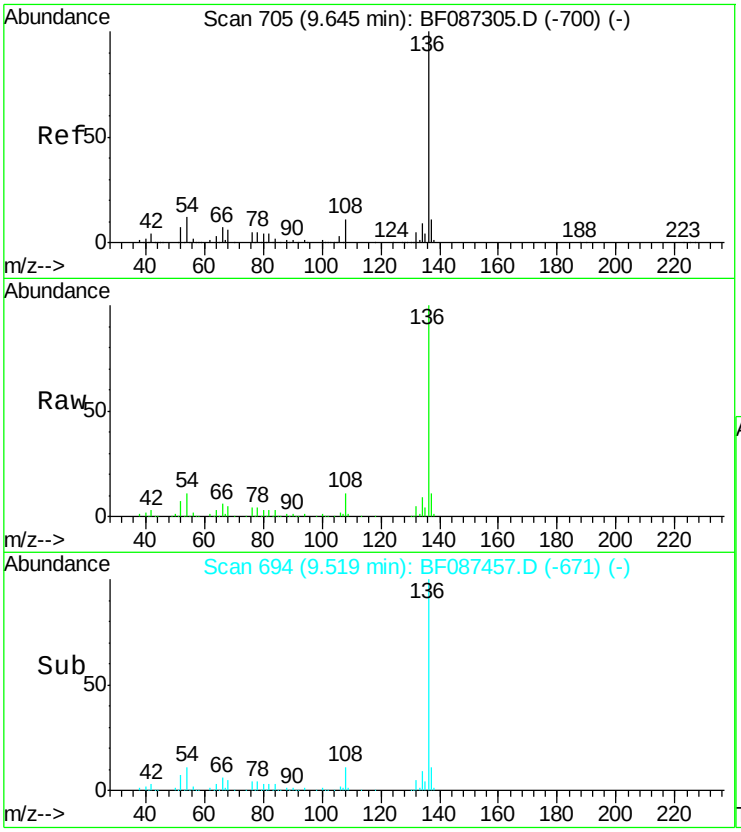


#19
n-Nitroso-di-n-propylamine
Concen: 15.40 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion: 70 Resp: 107492

Ion	Ratio	Lower	Upper
70	100		
42	66.6	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



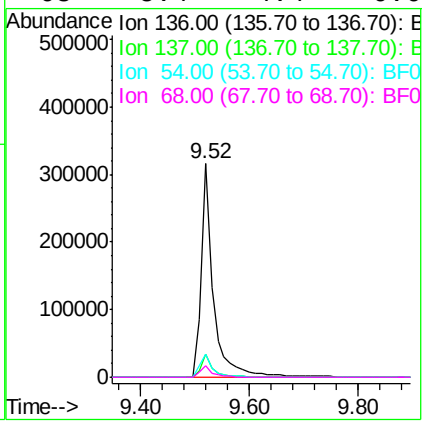


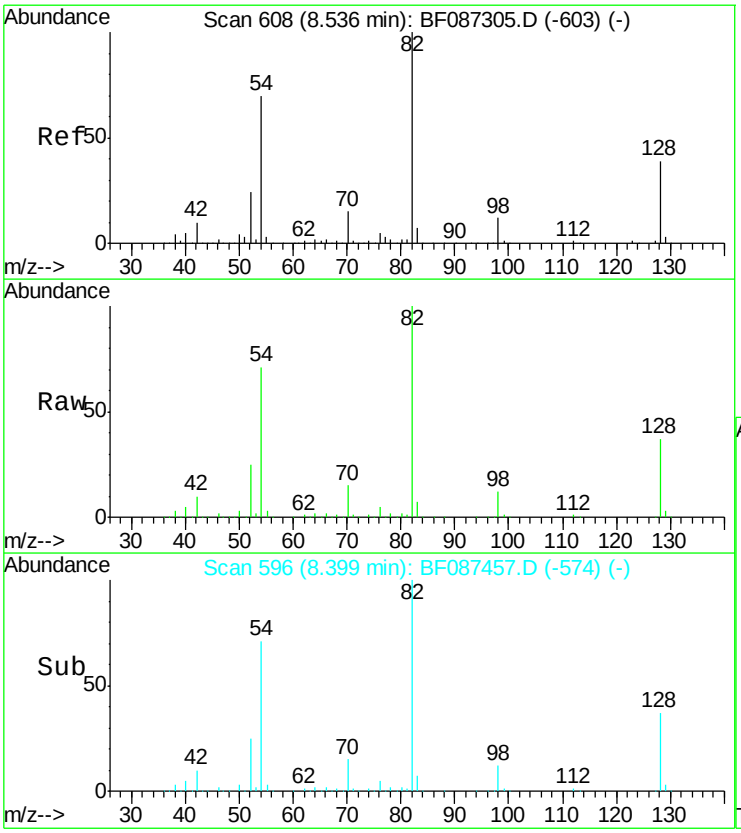
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:136 Resp: 485851

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	5.0	7.4#
68	5.4	4.4	6.6

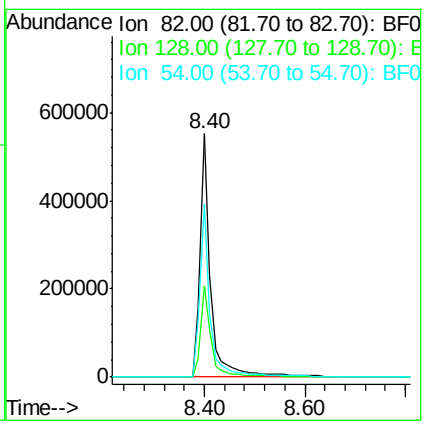


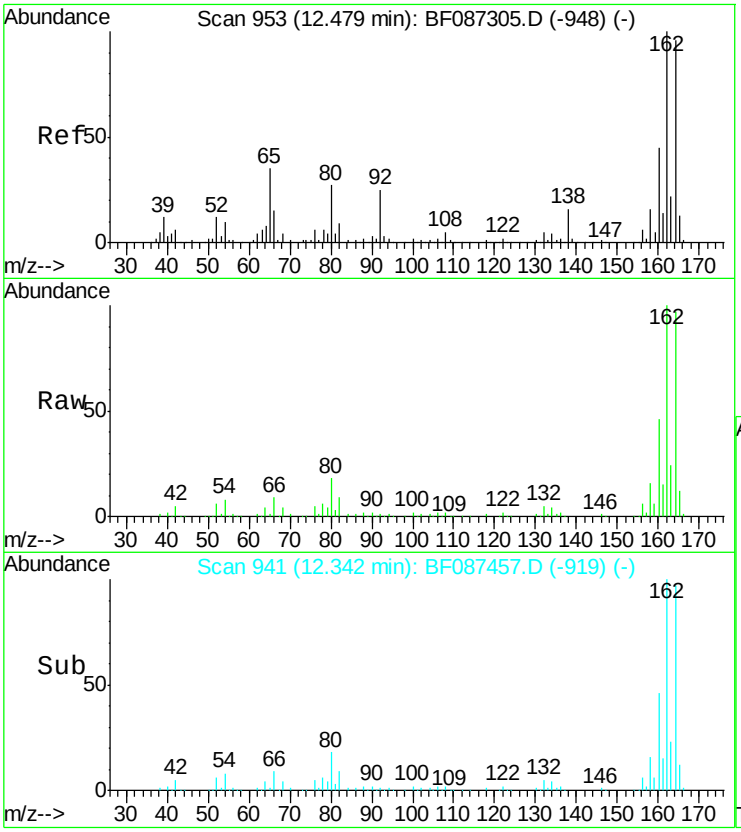


#23
Nitrobenzene-d5
Concen: 84.94 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion: 82 Resp: 818804

Ion	Ratio	Lower	Upper
82	100		
128	37.4	40.6	61.0#
54	71.0	38.1	57.1#



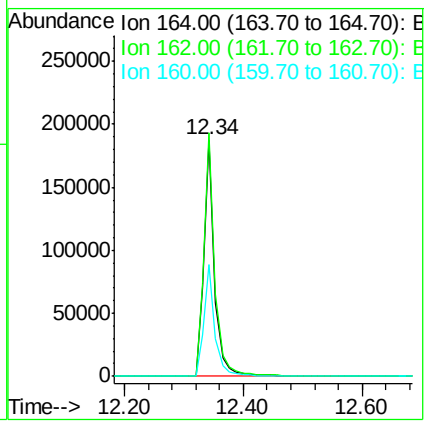


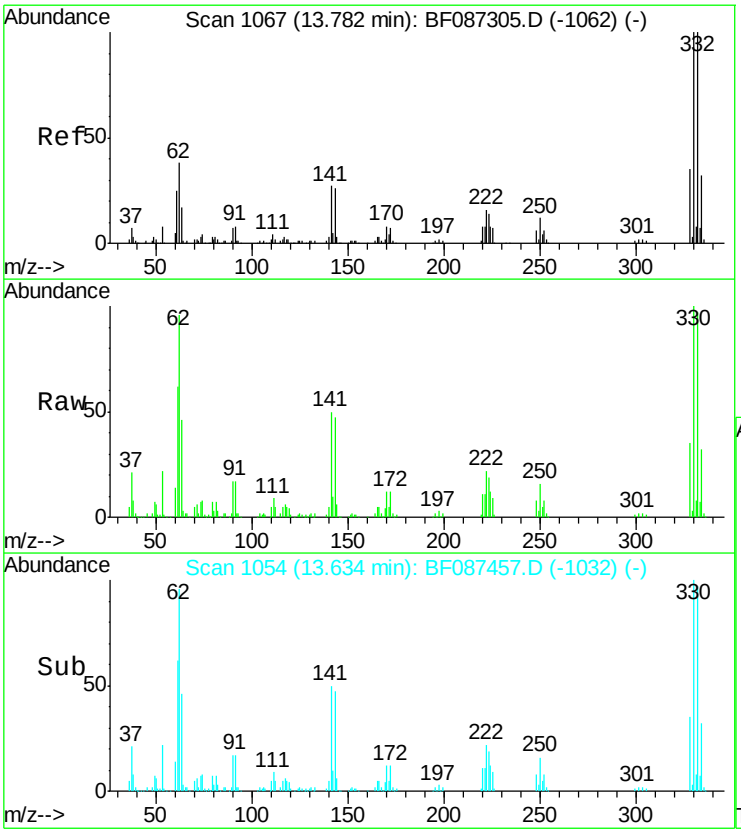
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.05 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:164 Resp: 241076

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	47.2	36.9	55.3

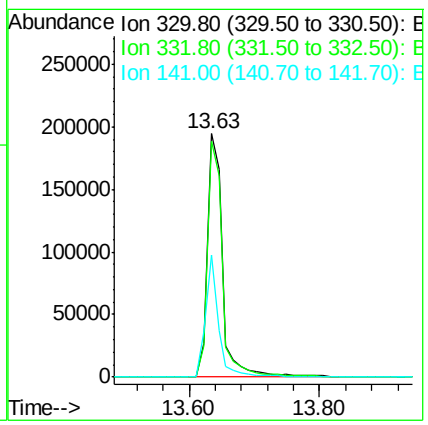


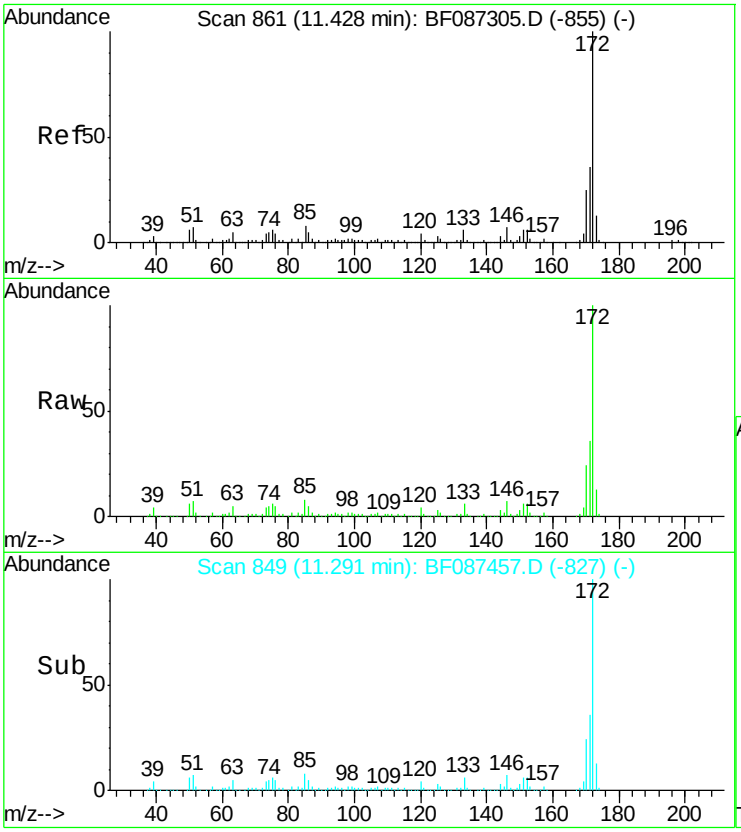


#41
2,4,6-Tribromophenol
Concen: 136.30 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion:330 Resp: 315772

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	43.2	31.2	46.8



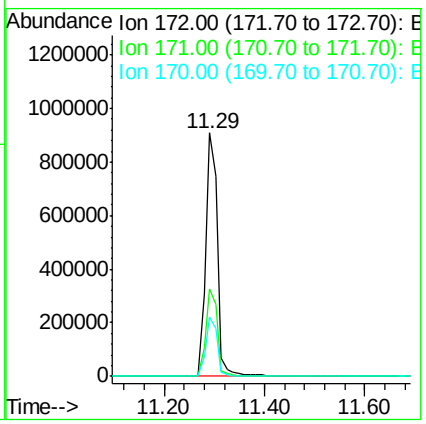


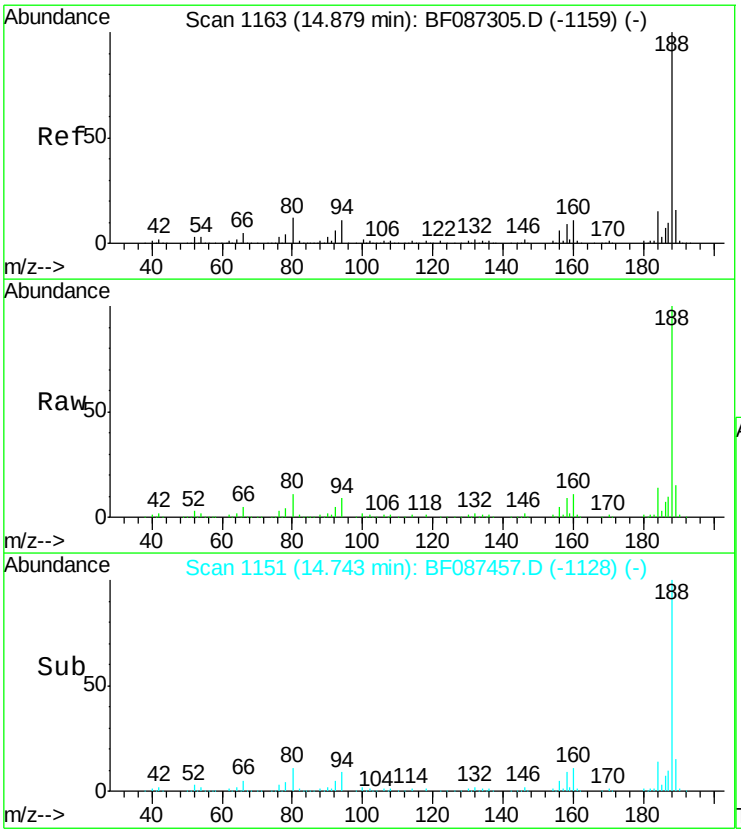
#44
2-Fluorobiphenyl
Concen: 85.61 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:172 Resp: 1463941

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.1	19.8	29.8

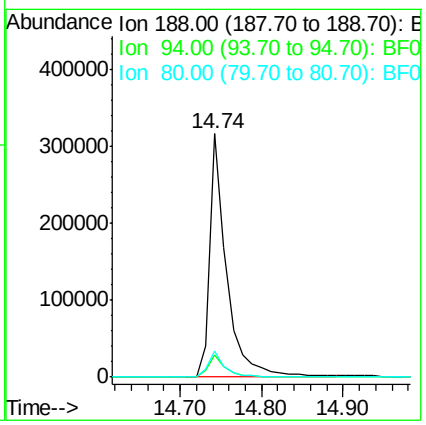


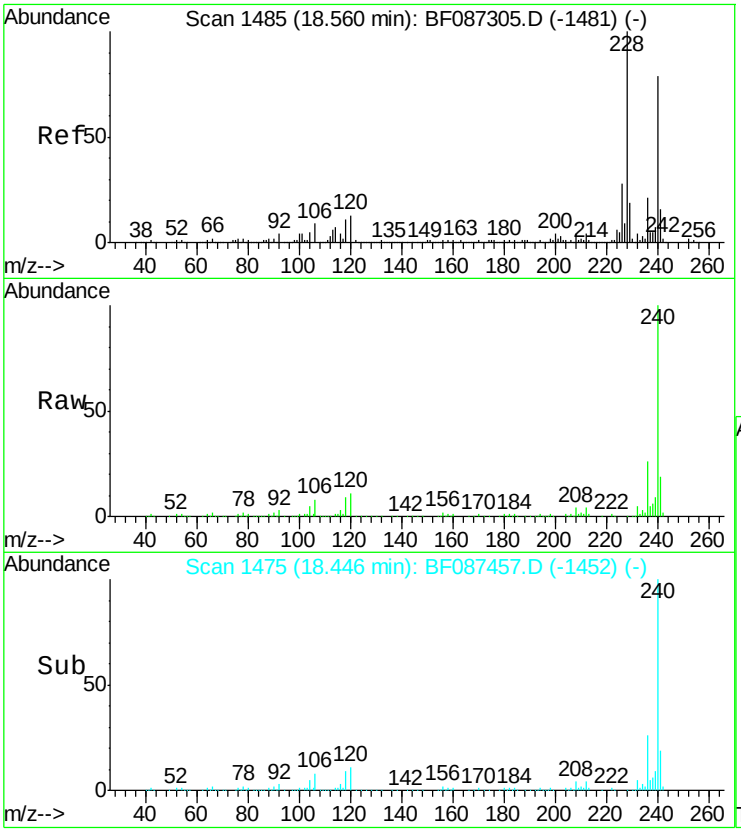


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion:188 Resp: 463258

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.8	10.2
80	10.8	7.1	10.7#



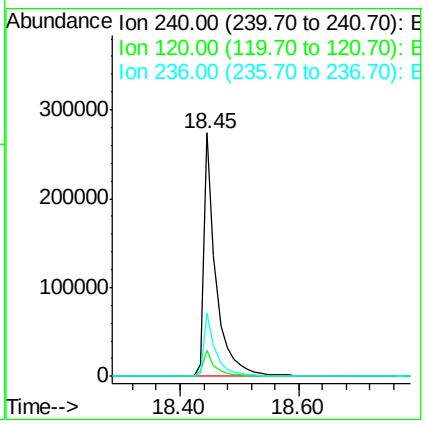


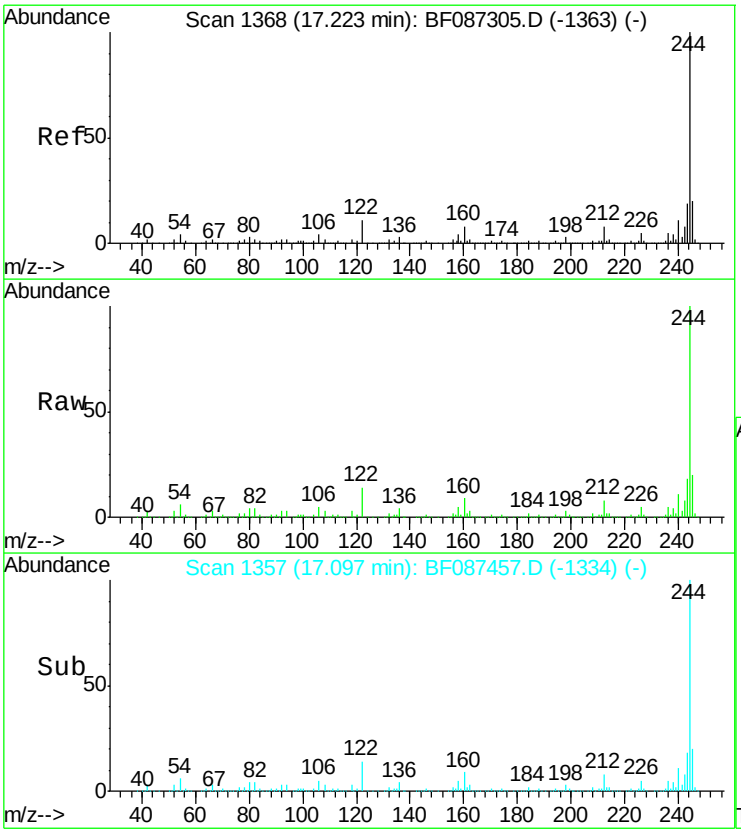
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:240 Resp: 392555

Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.2	16.8#
236	25.9	21.2	31.8

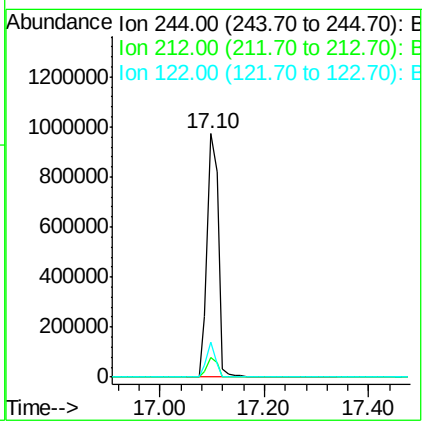


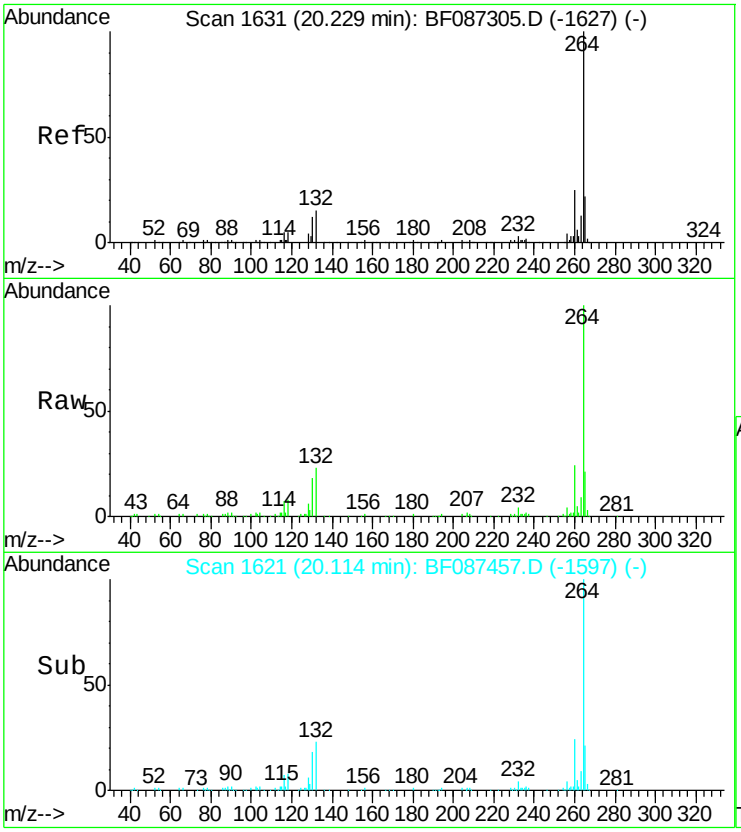


#78
Terphenyl-d14
Concen: 78.27 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Tgt Ion:244 Resp: 1445264

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087457.D
Acq: 27 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
MW-12A

Tgt Ion:264 Resp: 282472

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.3	25.9