Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087559.D
Acq On : 30 May 2016 19:56
Operator : UM/SJ
Sample : H3317-14
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-03

Quant Time: May 31 00:42:25 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	7.47	152	100607	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	400512	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	185893	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	332388	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	221530	20.00	ng	-0.01
86) Perylene-d12	20.15	264	195460	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	282787	49.39	ng	-0.01
7) Phenol-d6	7.06	99	255138	32.98	ng	-0.01
23) Nitrobenzene-d5	8.39	82	664715	83.64	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	213570	119.55	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1108033	84.03	ng	-0.06
78) Terphenyl-d14	17.09	244	829922	79.65	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	7.70	79	12061	2.14	ng	# 44
18) Hexachloroethane	8.38	117	18877	6.33	ng	# 6
19) n-Nitroso-di-n-propylamine	8.39	70	85984	14.90	ng	# 72
49) Dimethylphthalate	11.99	163	38356	2.58	ng	# 90

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

Quantitation Report (Not Reviewed)

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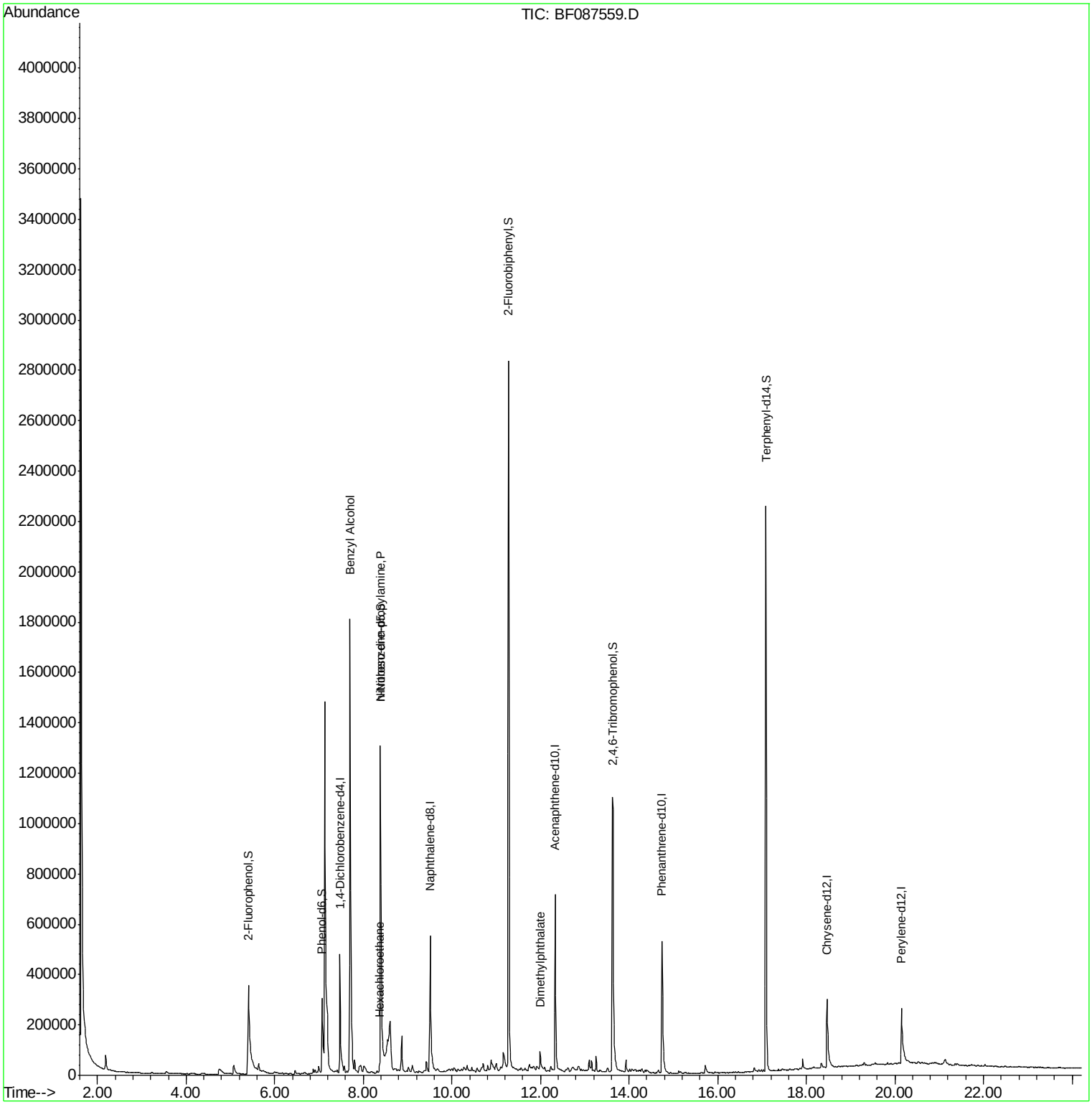
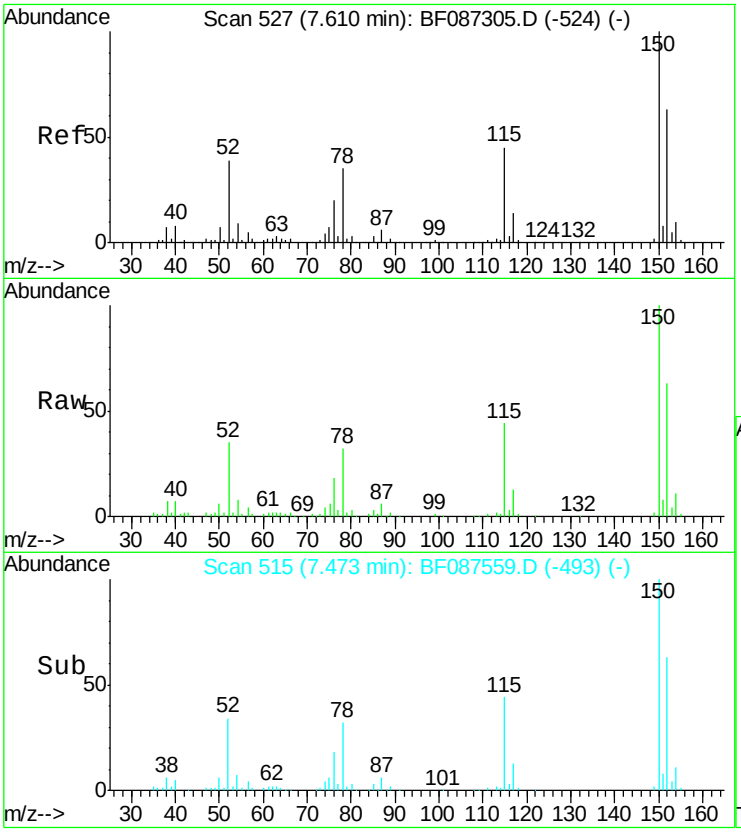


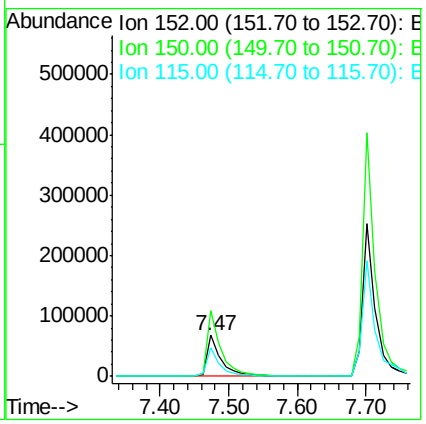


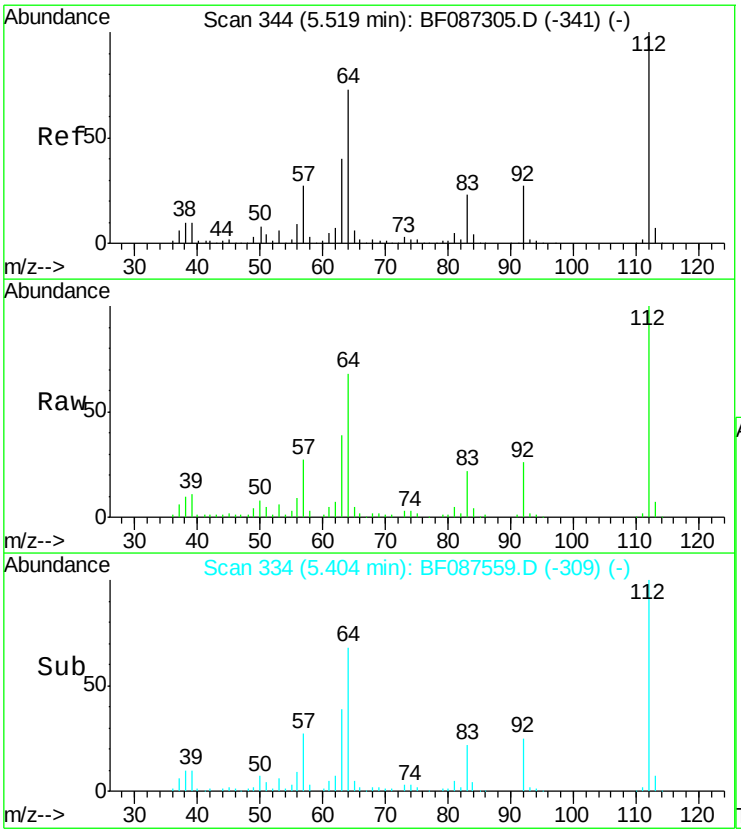
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:152 Resp: 100607

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.8	188.6
115	70.5	51.5	77.3

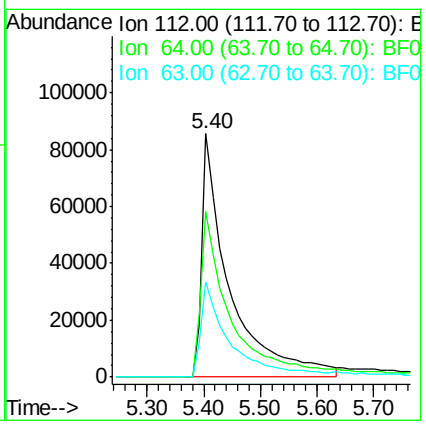


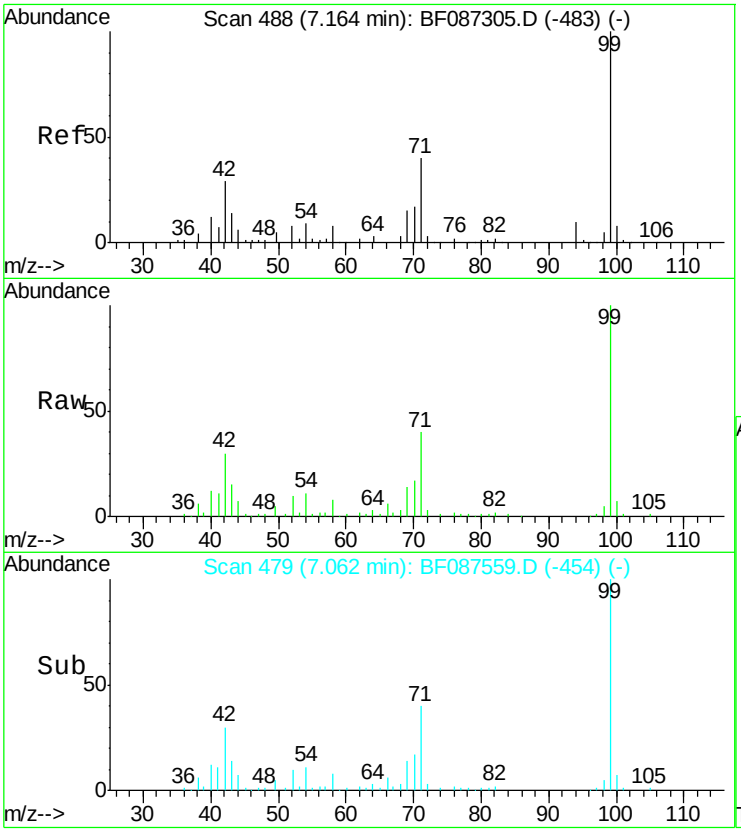


#5
2-Fluorophenol
Concen: 49.39 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion:112 Resp: 282787

Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.1	78.1
63	38.9	25.7	38.5#



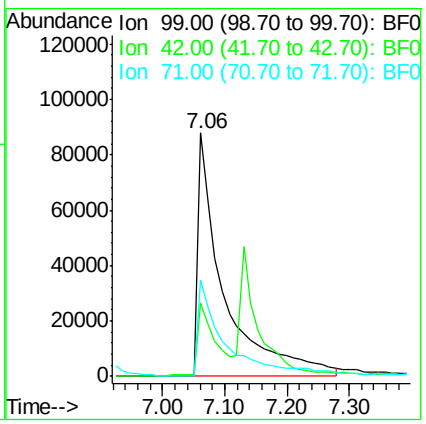


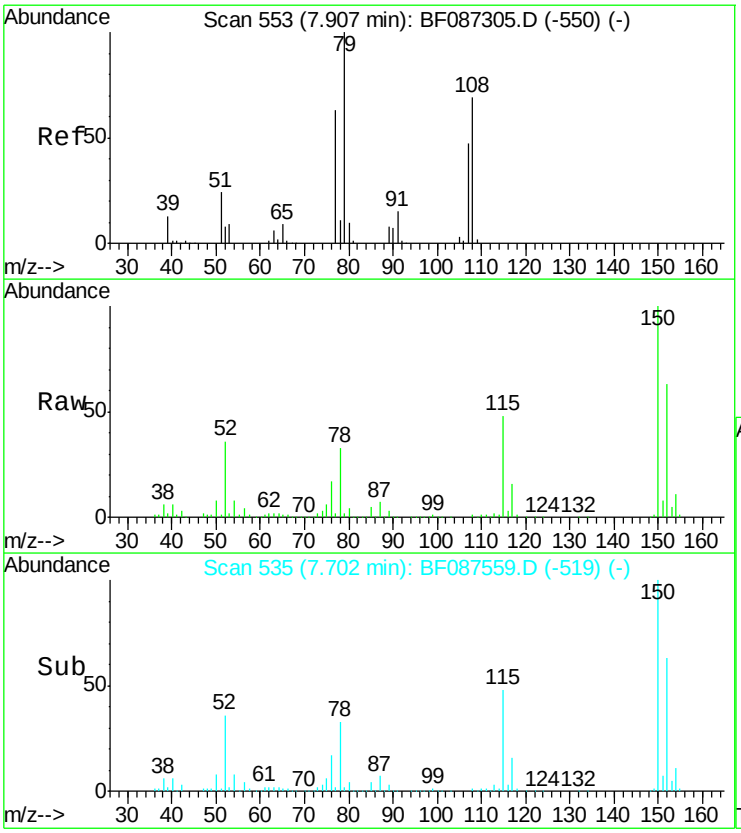
#7
Phenol-d6
Concen: 32.98 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion: 99 Resp: 255138

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	39.9	24.6	36.8#

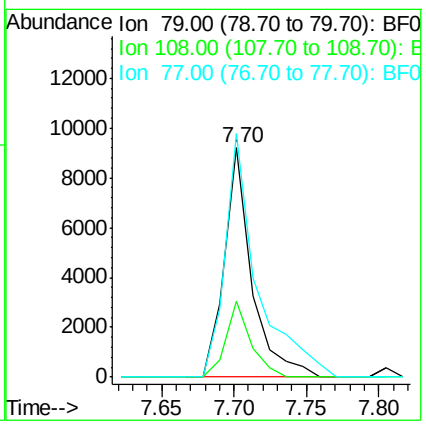


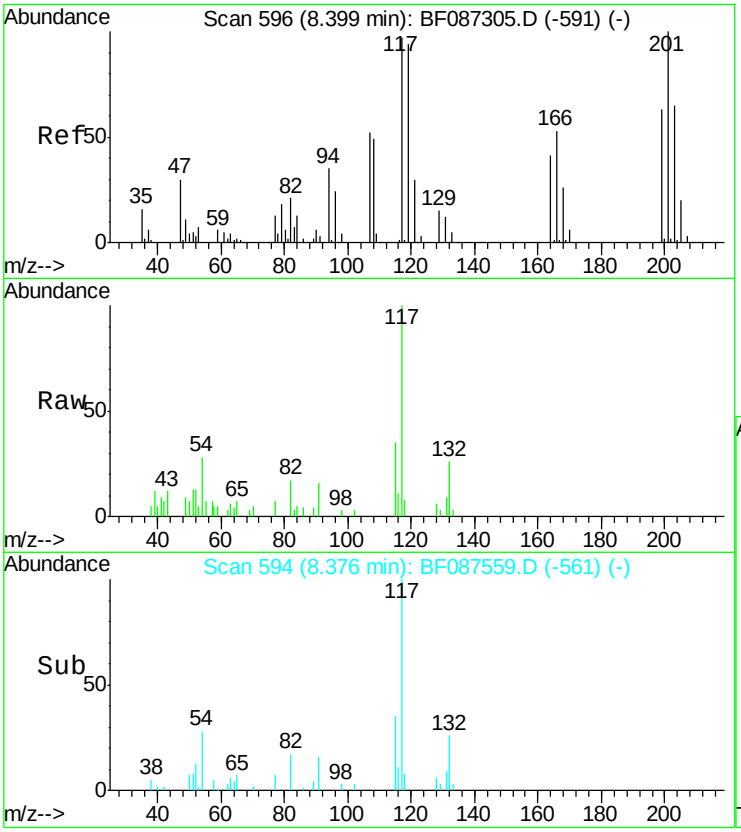


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.11 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion: 79 Resp: 12061

Ion	Ratio	Lower	Upper
79	100		
108	33.4	68.4	102.6#
77	106.4	50.6	76.0#



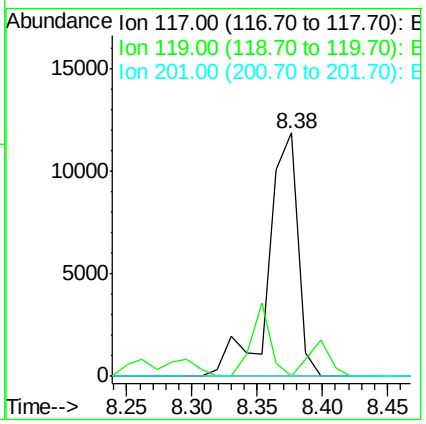


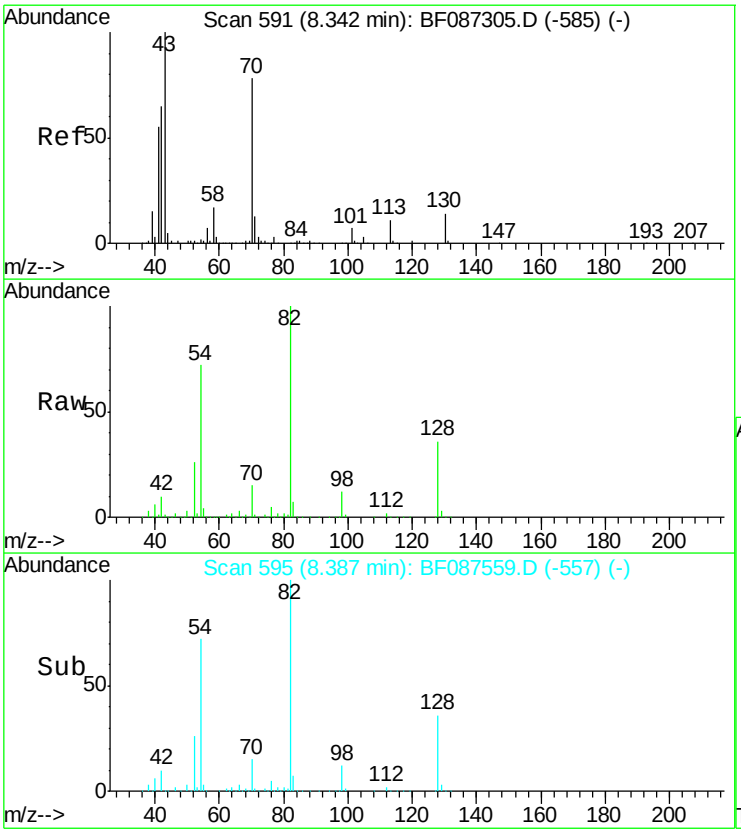
#18
Hexachloroethane
Concen: 6.33 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.08 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:117 Resp: 18877

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
201	0.0	63.0	94.6#

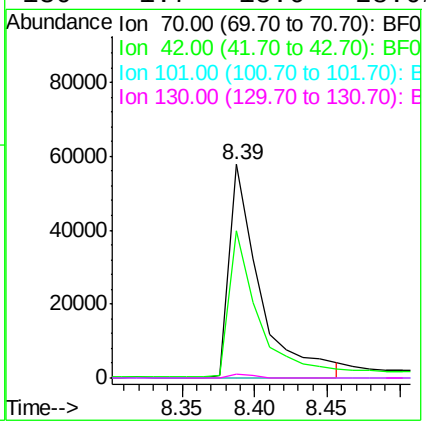


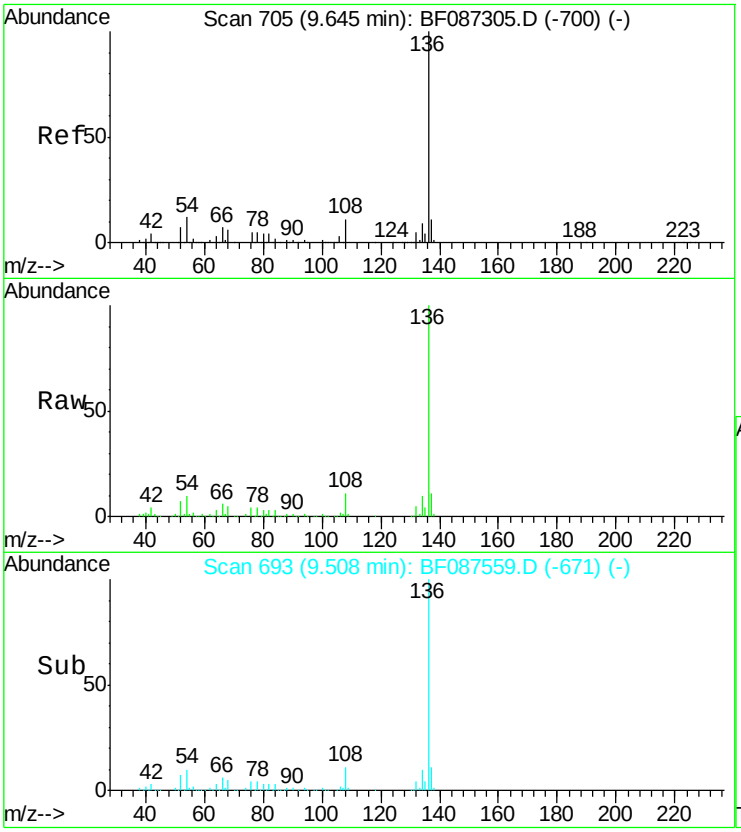


#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion: 70 Resp: 85984

Ion	Ratio	Lower	Upper
70	100		
42	68.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



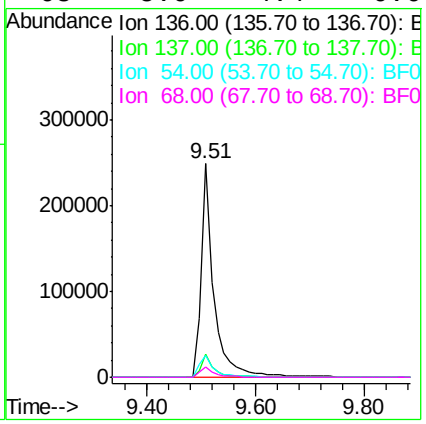


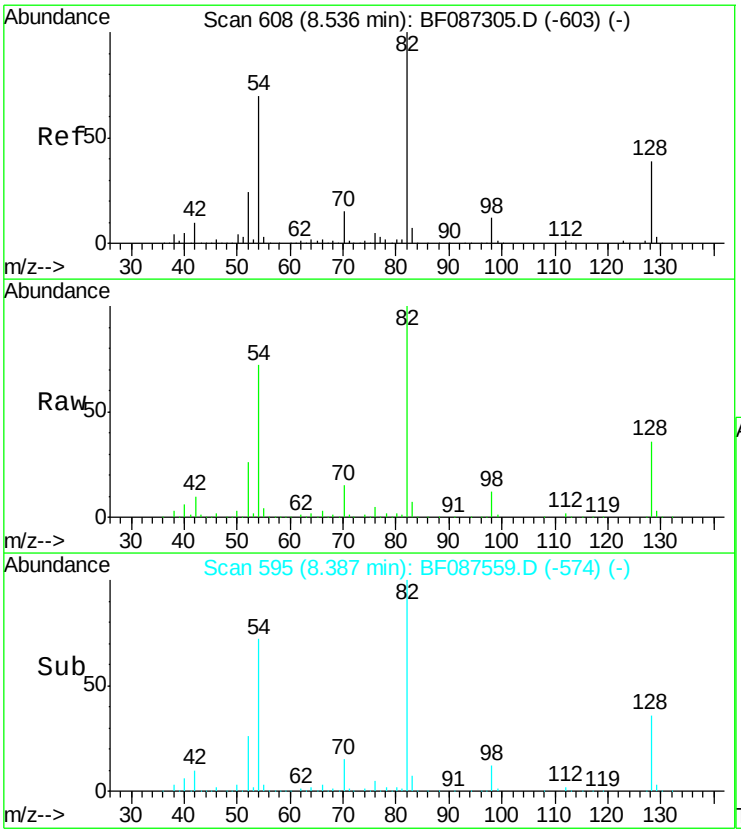
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:136 Resp: 400512

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.2	5.0	7.4#
68	5.0	4.4	6.6

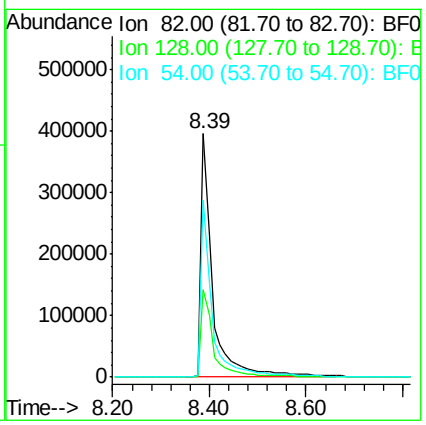


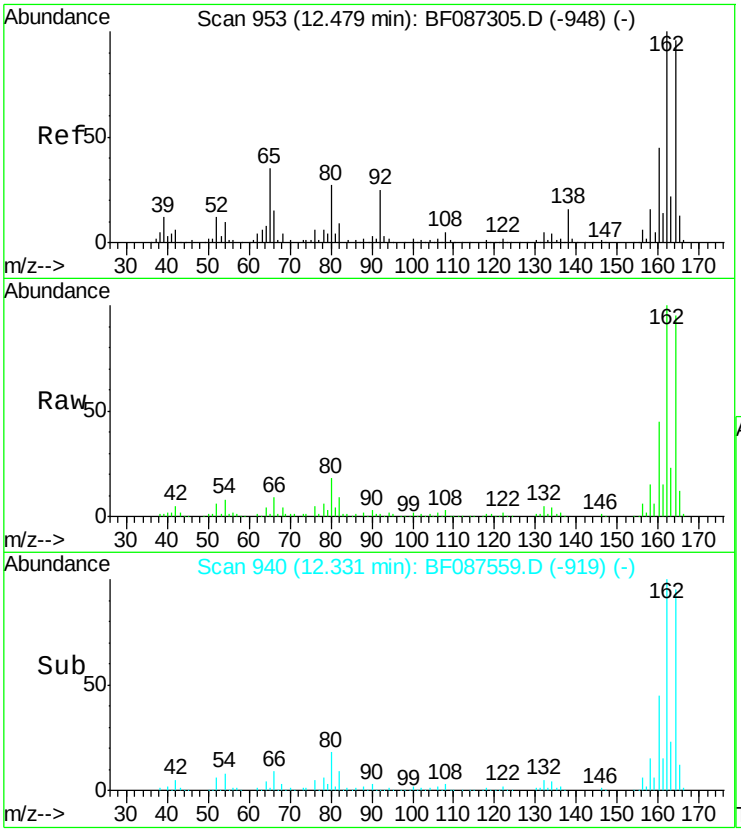


#23
Nitrobenzene-d5
Concen: 83.64 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion: 82 Resp: 664715

Ion	Ratio	Lower	Upper
82	100		
128	36.0	40.6	61.0#
54	72.5	38.1	57.1#



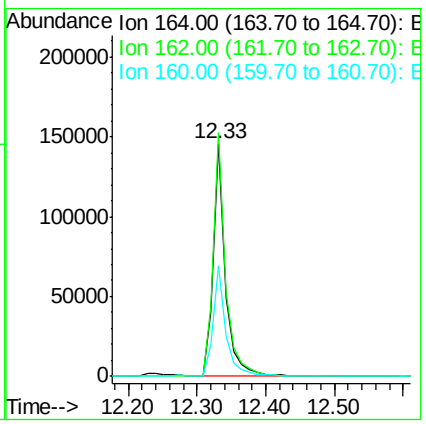


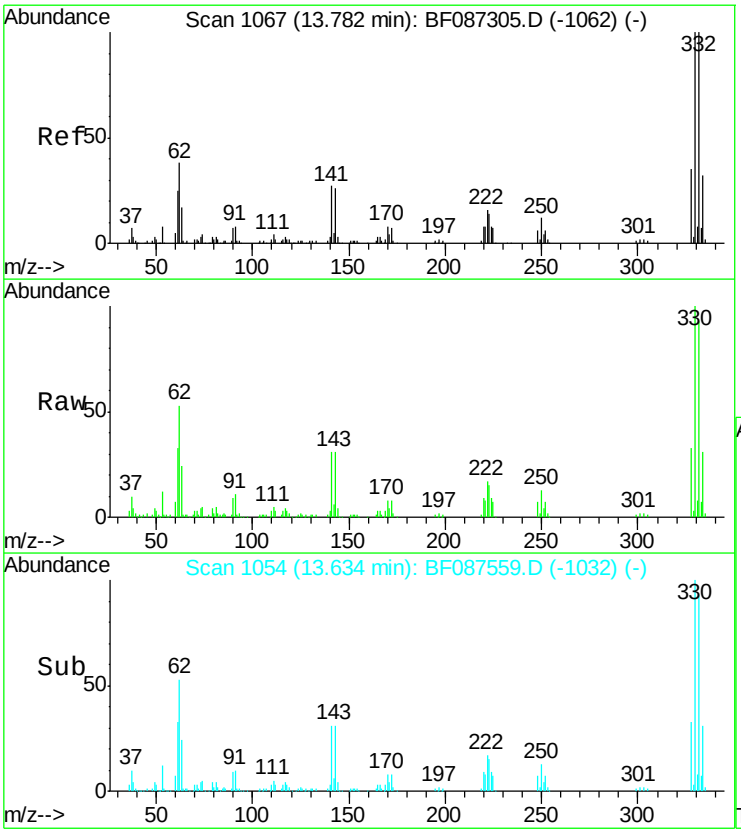
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:164 Resp: 185893

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.5	36.9	55.3

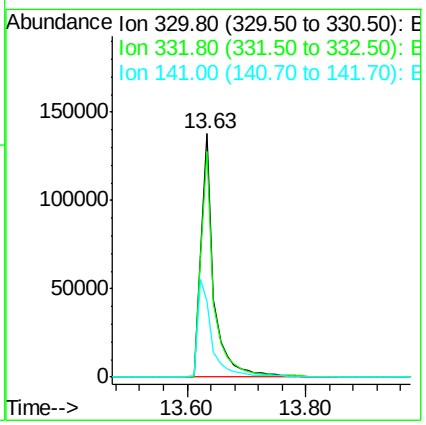


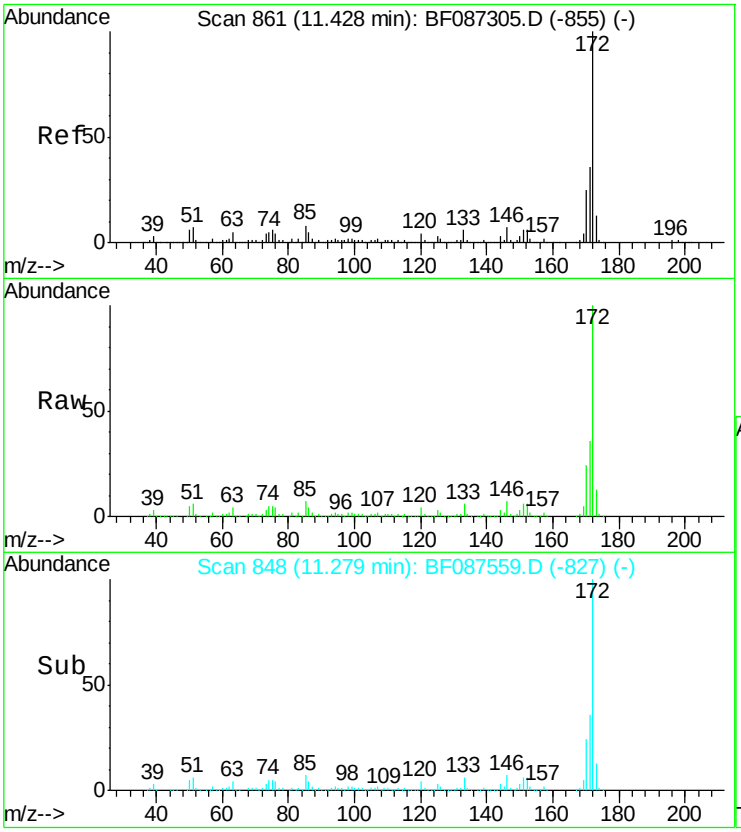


#41
2,4,6-Tribromophenol
Concen: 119.55 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion:330 Resp: 213570

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	45.1	31.2	46.8



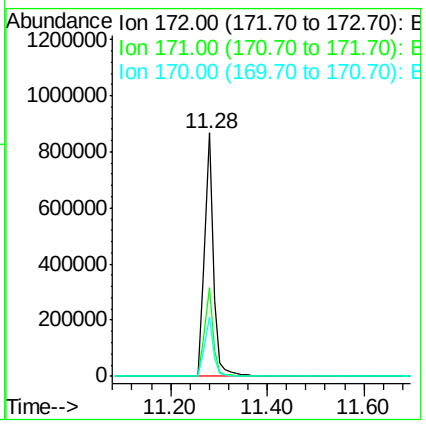


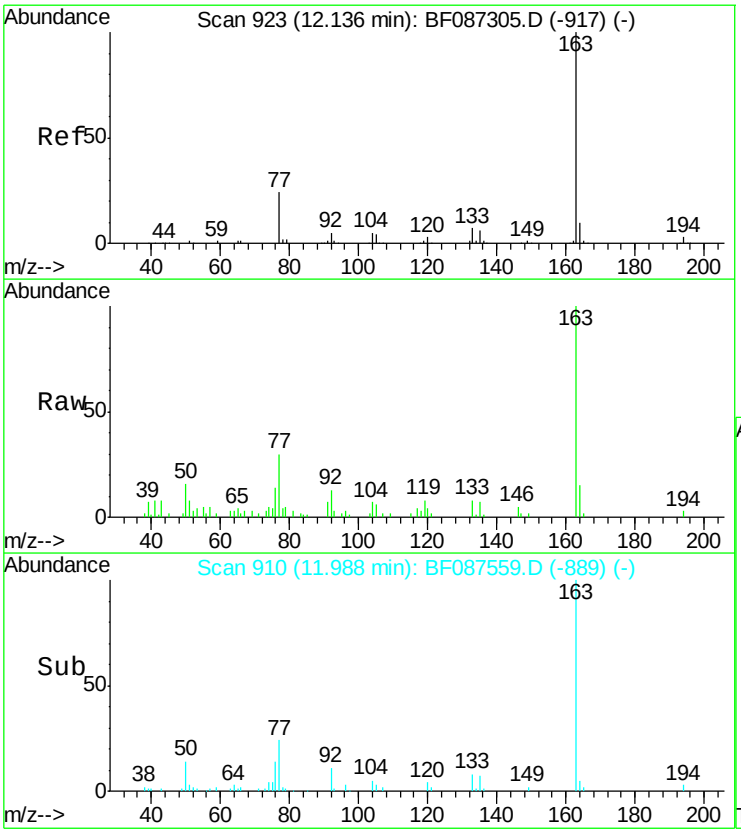
#44
2-Fluorobiphenyl
Concen: 84.03 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:172 Resp: 1108033

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8

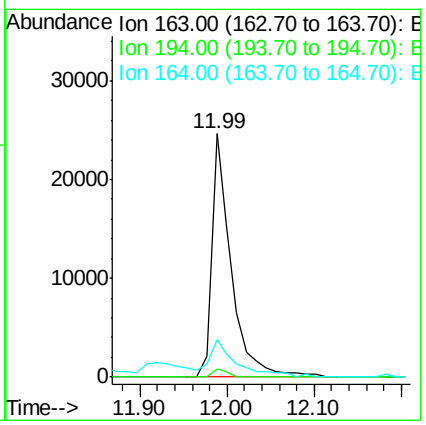


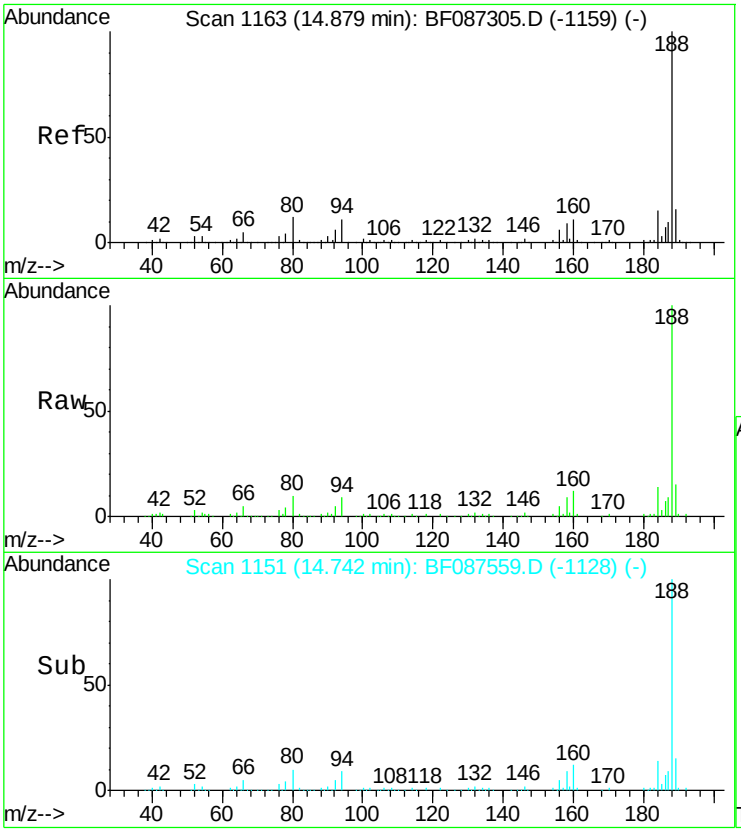


#49
Dimethylphthalate
Concen: 2.58 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion:163 Resp: 38356

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	15.2	8.2	12.4#



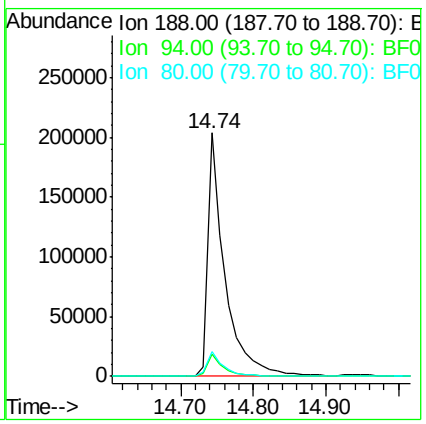


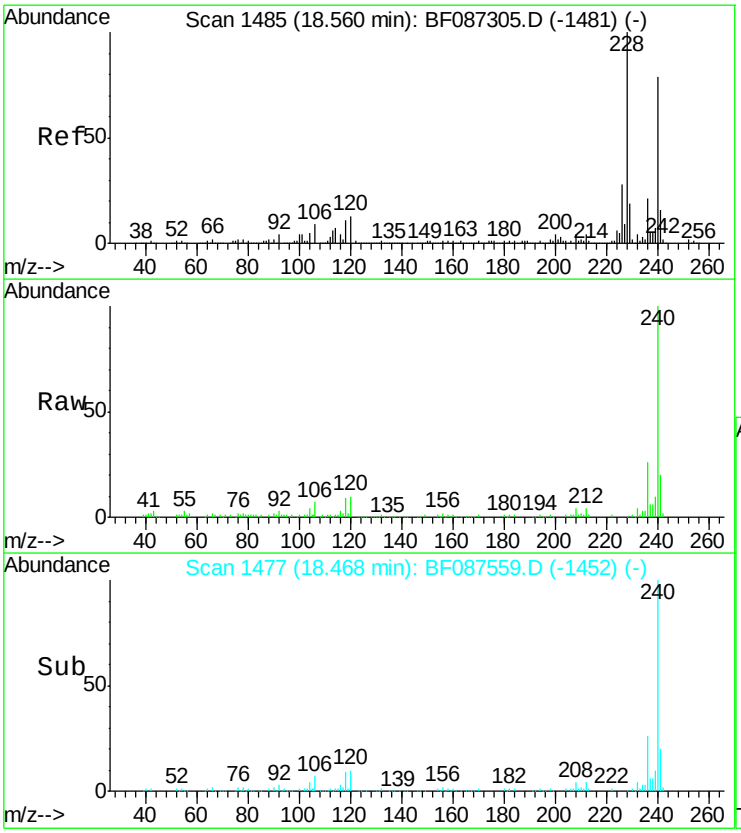
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:188 Resp: 332388

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	10.0	7.1	10.7

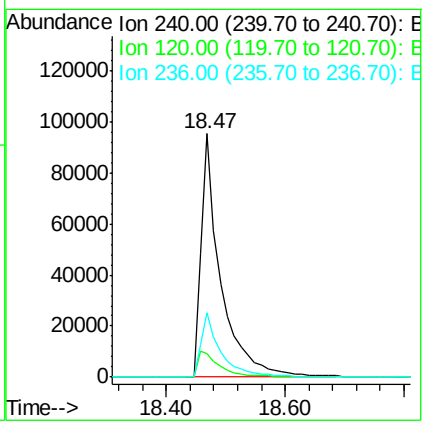


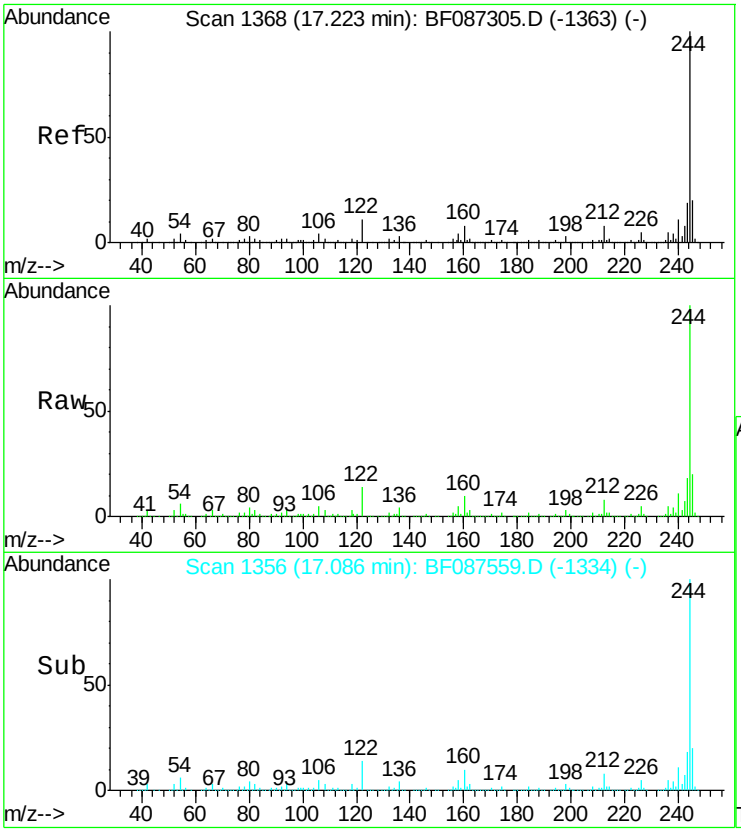


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion:240 Resp: 221530

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.3	21.2	31.8



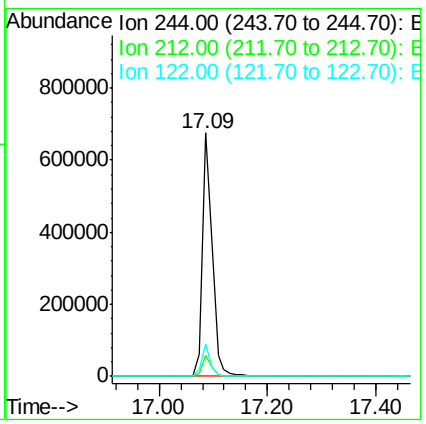


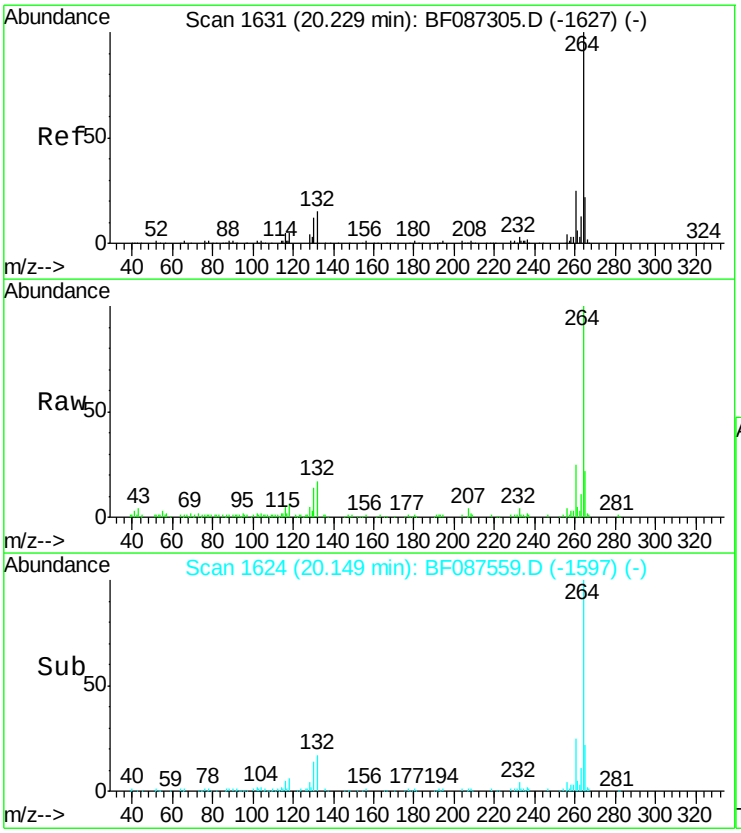
#78
Terphenyl-d14
Concen: 79.65 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Instrument :
BNA_F
ClientSampleId :
GMW-03

Tgt Ion:244 Resp: 829922

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	13.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087559.D
Acq: 30 May 2016 19:56

Tgt Ion:264 Resp: 195460

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.0	17.3	25.9