Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

Quant Time: May 31 00:39:57 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	114331	20.00	ng		-0.05
21) Naphthalene-d8	9.51	136	416781	20.00	ng		-0.05
38) Acenaphthene-d10	12.33	164	258393	20.00	ng		-0.06
63) Phenanthrene-d10	14.74	188	356893	20.00	ng		-0.03
75) Chrysene-d12	18.47	240	236488	20.00	ng		-0.01
86) Perylene-d12	20.15	264	216377	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	424399	65.23	ng		-0.03
7) Phenol-d6	7.05	99	360894	41.05	ng		-0.02
23) Nitrobenzene-d5	8.40	82	829925	100.36	ng		-0.05
41) 2,4,6-Tribromophenol	13.63	330	273068	109.97	ng		-0.05
44) 2-Fluorobiphenyl	11.28	172	1285658	70.14	ng		-0.06
78) Terphenyl-d14	17.10	244	999532	89.86	ng		-0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	7.70	79	16557	2.58	ng	#	44
18) Hexachloroethane	8.36	117	363458	107.23	ng	#	9
22) Acetophenone	8.12	105	28854	2.90	ng	#	56
31) Naphthalene	9.54	128	427575	20.47	ng		98
32) Benzoic acid	9.42	122	3068	6.67	ng	#	1
35) Caprolactam	10.28	113	6196	3.80	ng	#	1
37) 2-Methylnaphthalene	10.67	142	293867	22.52	ng		96
53) 2,4-Dinitrophenol	12.49	184	230	6.64	ng	#	1
55) 4-Nitrophenol	12.71	139	7358	3.60	ng	#	66
69) Pentachlorophenol	14.69	266	228	6.34	ng	#	17

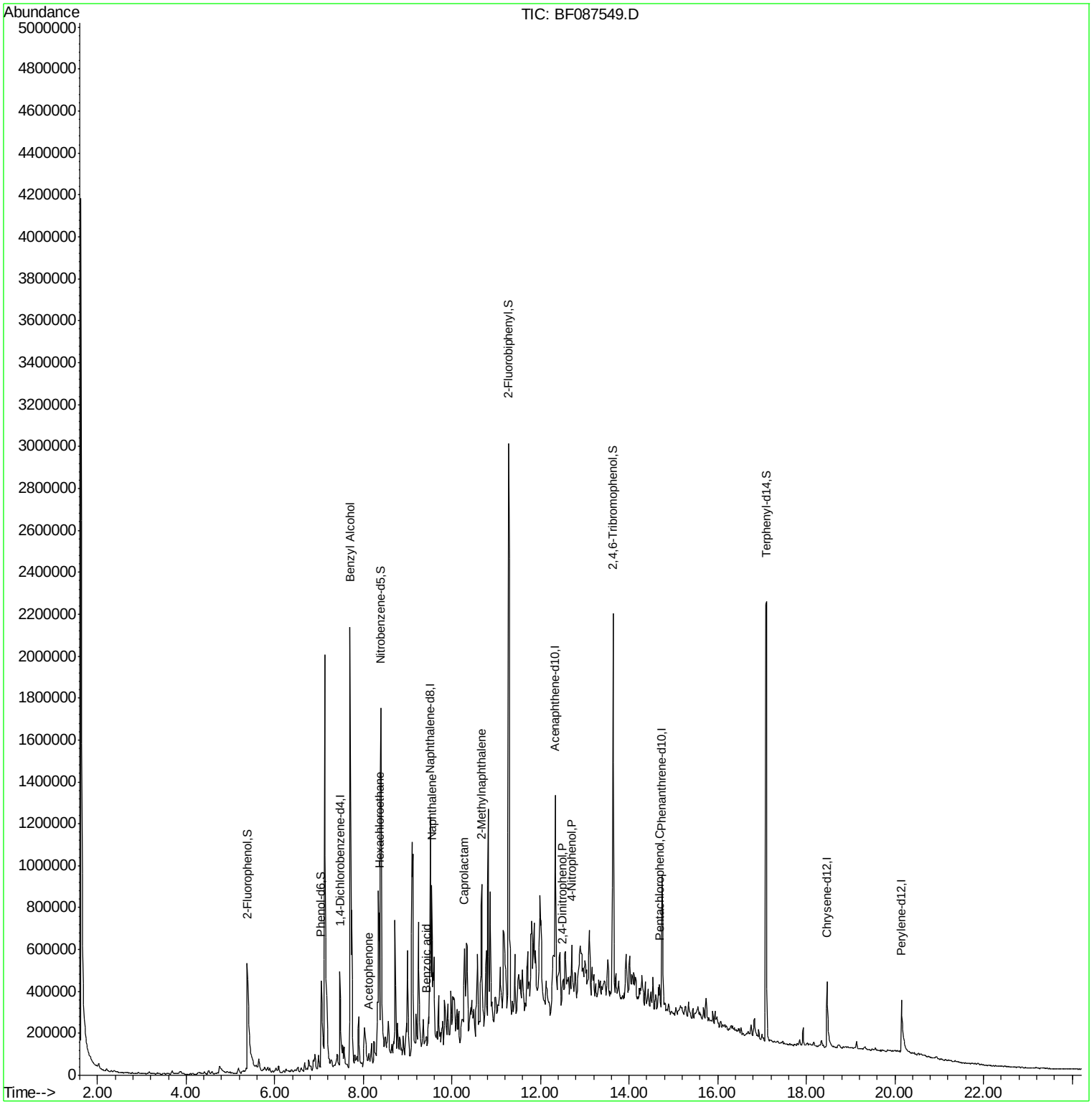
(#) = qualifier out of range (m) = manual integration (+) = signals summed

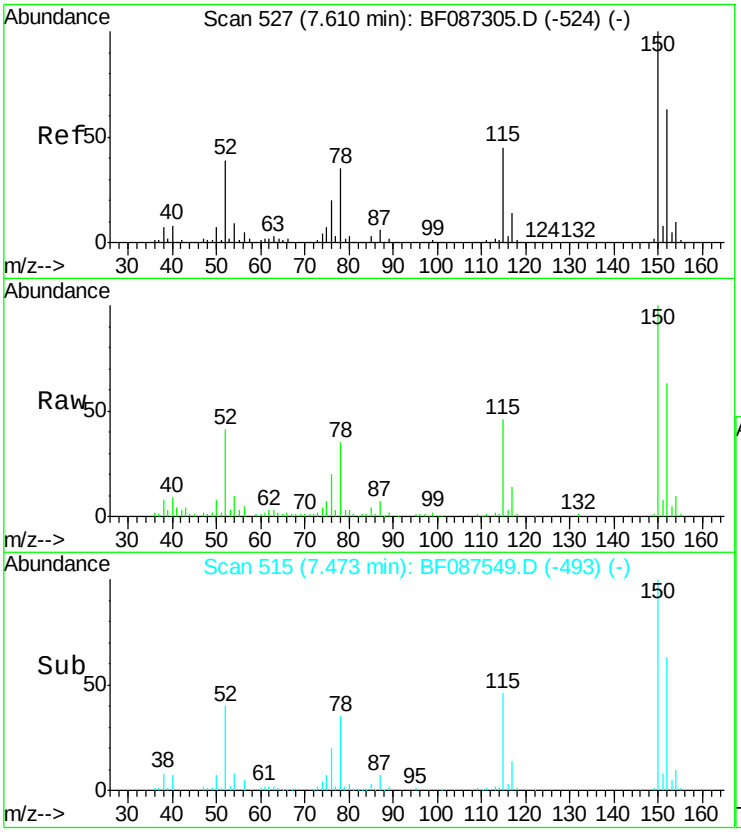
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087549.D
Acq On : 30 May 2016 14:12
Operator : UM/SJ
Sample : H3317-03
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-08

Quant Time: May 31 00:39:57 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



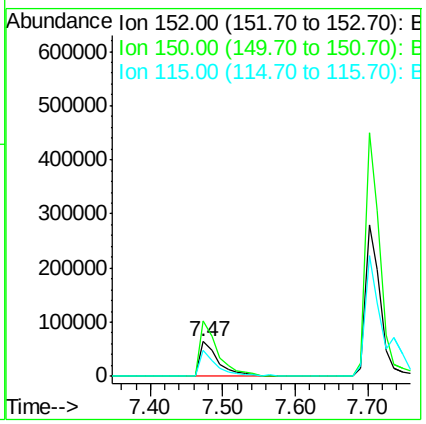


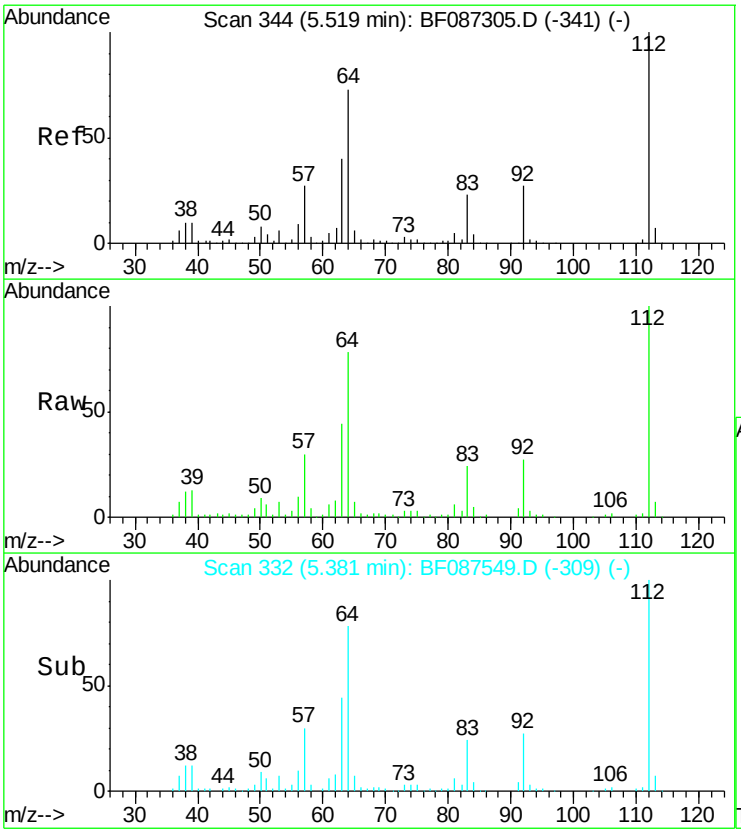
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 114331

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.8	188.6
115	74.1	51.5	77.3

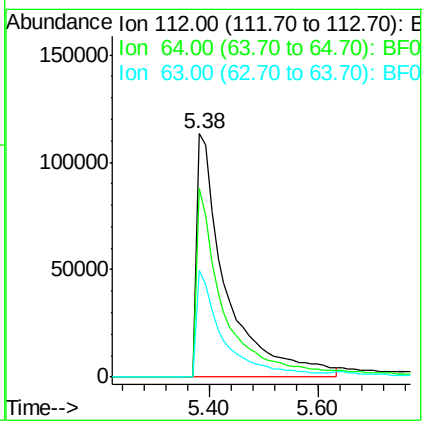


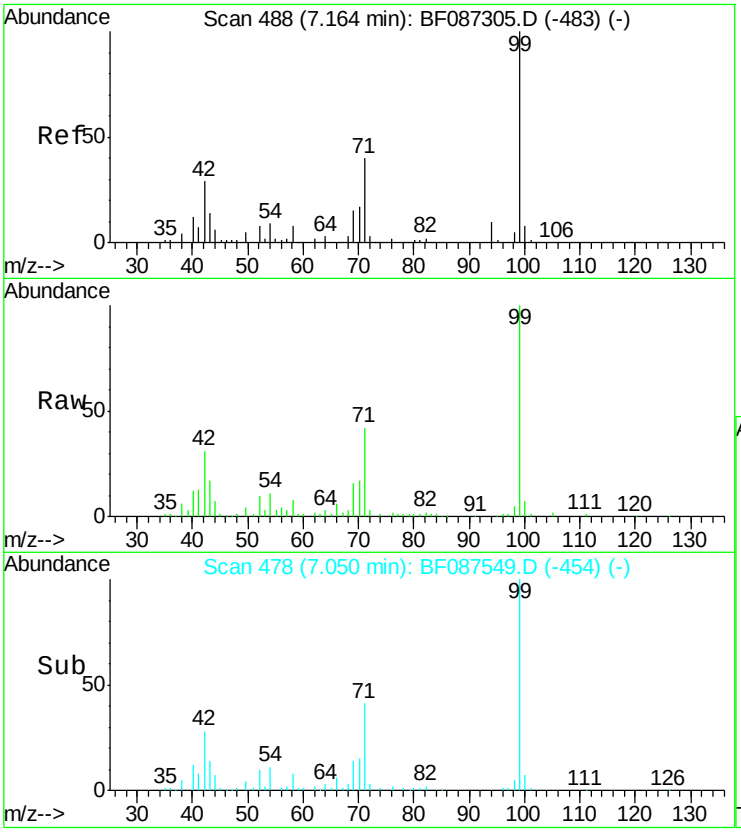


#5
2-Fluorophenol
Concen: 65.23 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.03 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:112 Resp: 424399

Ion	Ratio	Lower	Upper
112	100		
64	77.6	52.1	78.1
63	43.8	25.7	38.5#



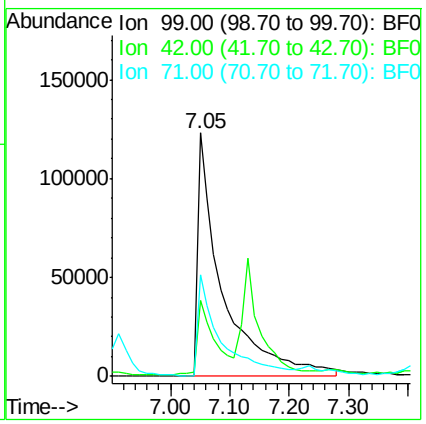


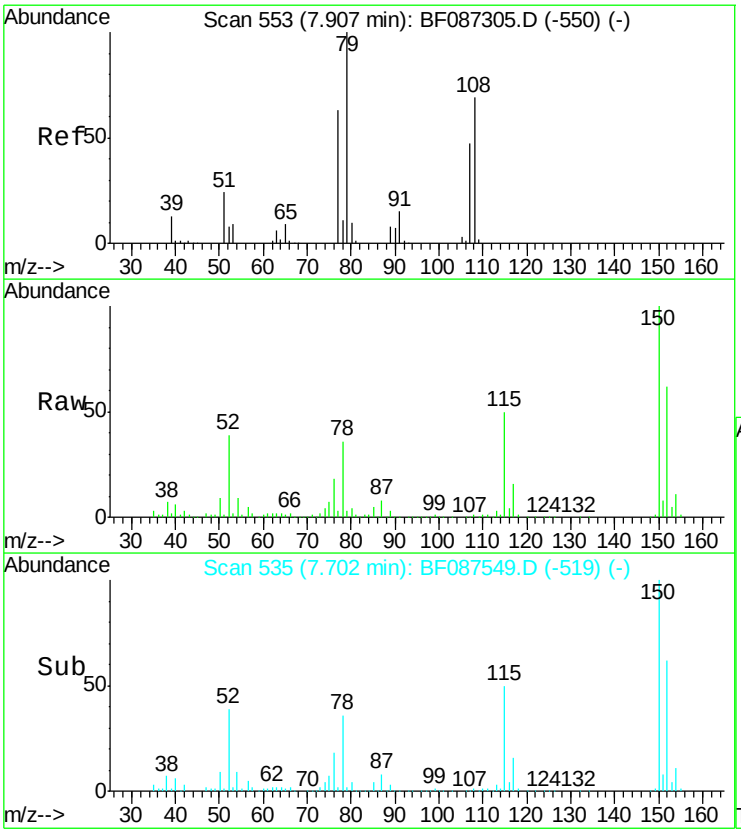
#7
Phenol-d6
Concen: 41.05 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 360894

Ion	Ratio	Lower	Upper
99	100		
42	31.1	13.6	20.4#
71	41.5	24.6	36.8#

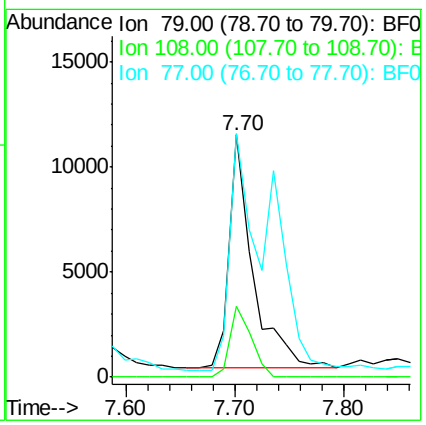


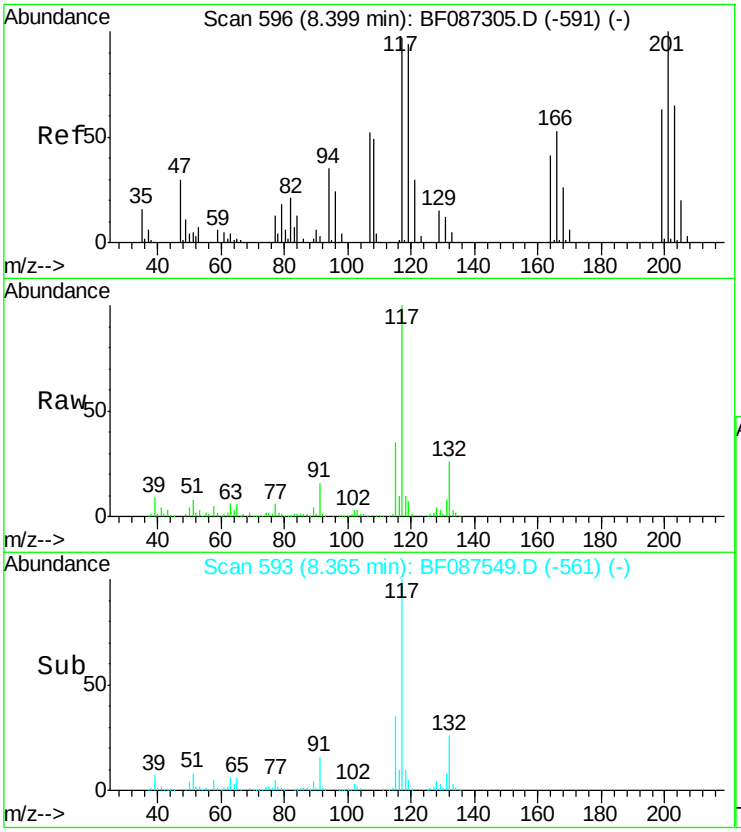


#15
Benzyl Alcohol
Concen: 2.58 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.11 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion: 79 Resp: 16557

Ion	Ratio	Lower	Upper
79	100		
108	29.2	68.4	102.6#
77	100.7	50.6	76.0#



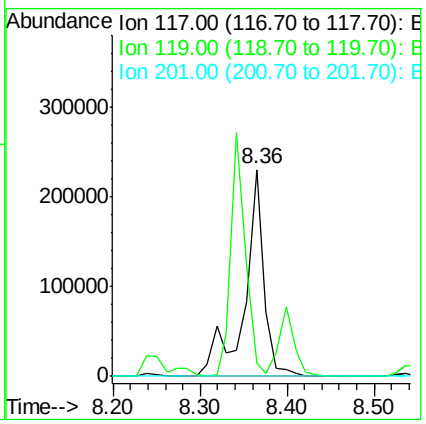


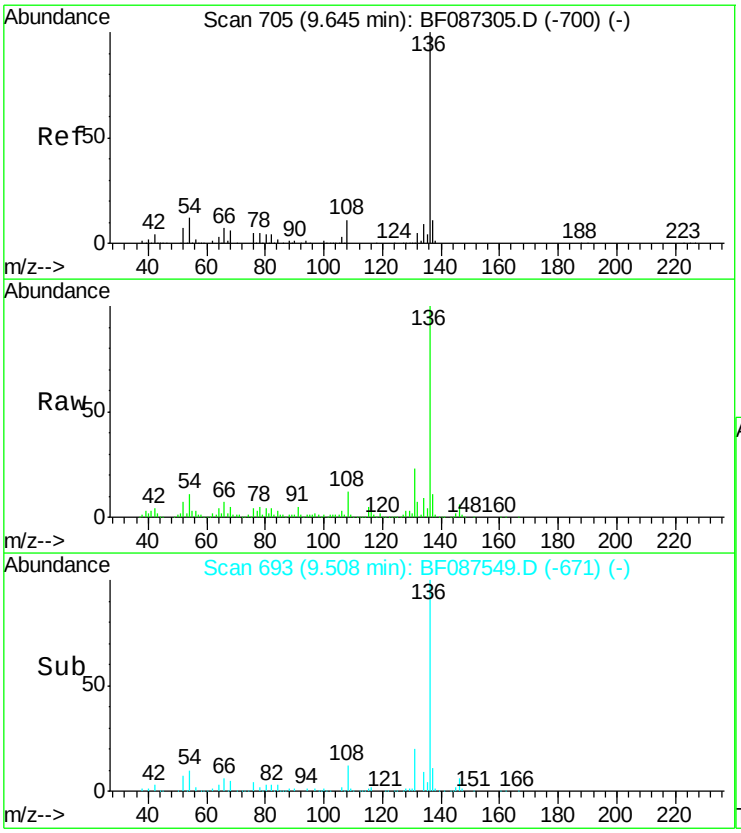
#18
Hexachloroethane
Concen: 107.23 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:117 Resp: 363458

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.5	114.7#
201	0.0	63.0	94.6#

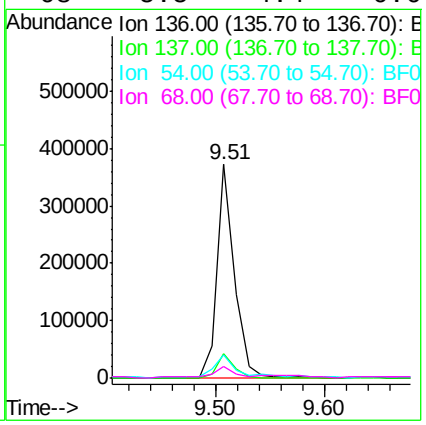


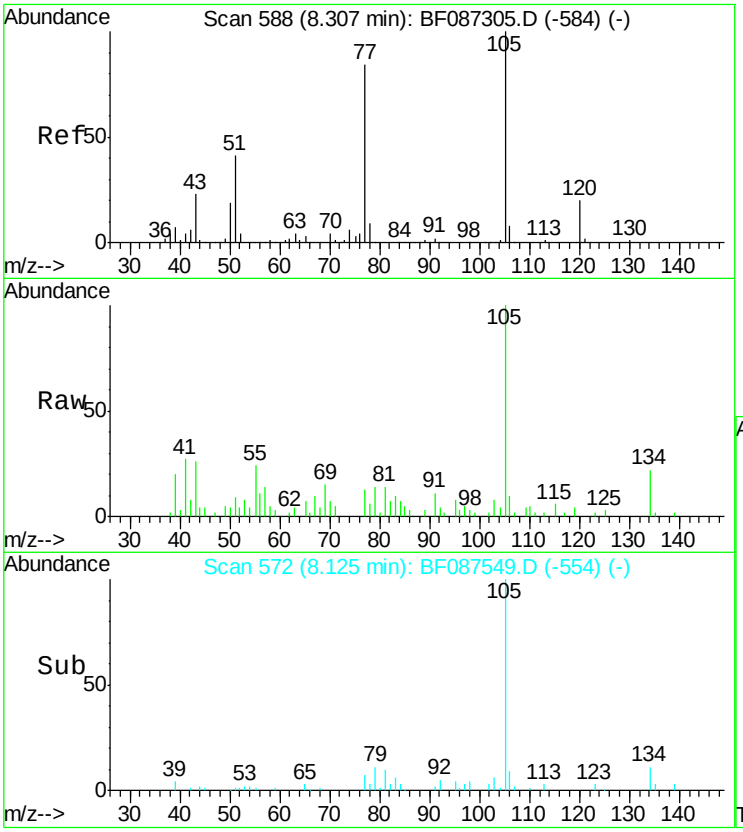


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:136 Resp: 416781

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.8	5.0	7.4#
68	5.5	4.4	6.6



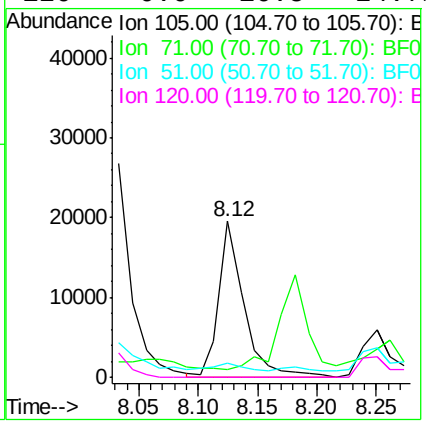


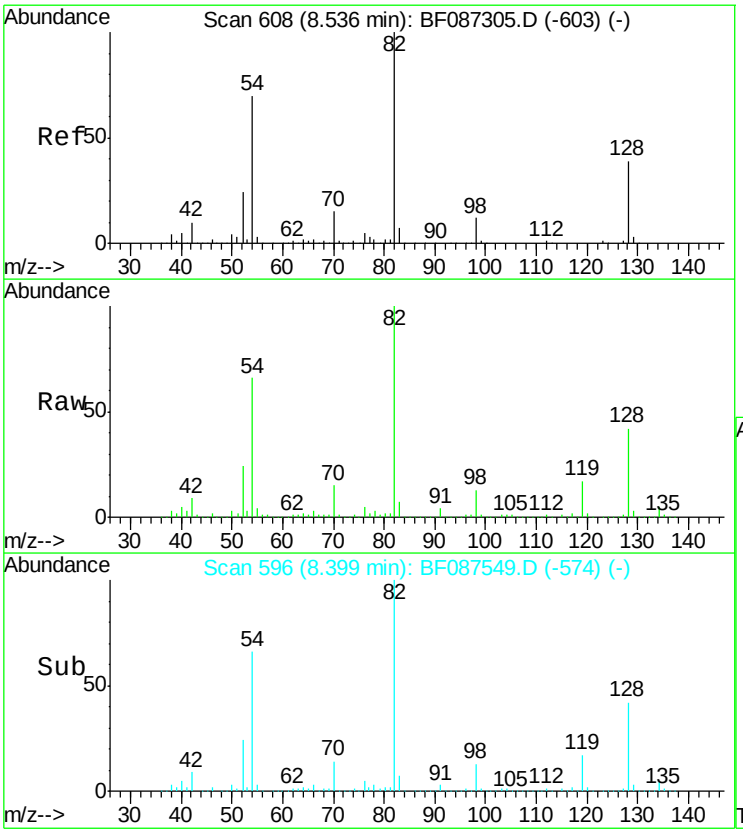
#22
Acetophenone
Concen: 2.90 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.09 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:105 Resp: 28854

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	9.2	32.6	49.0#
120	0.0	16.5	24.7#

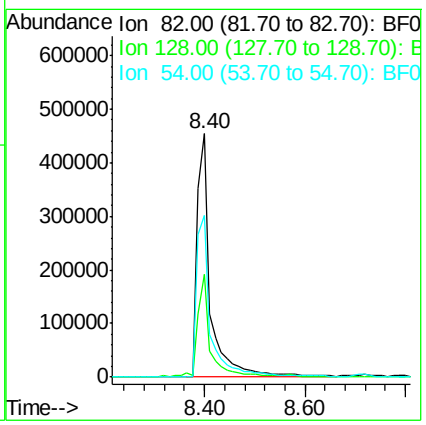


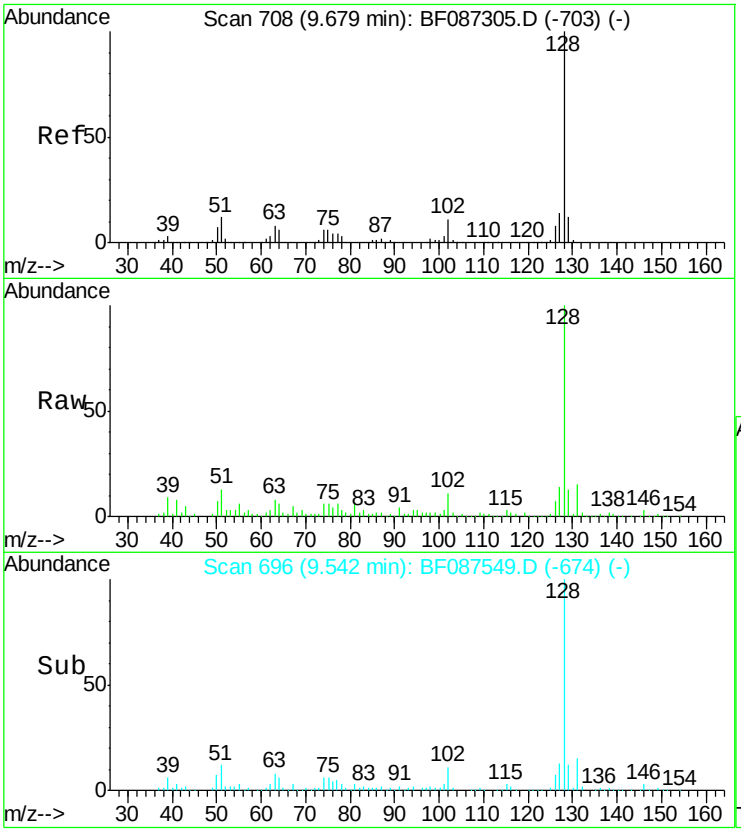


#23
Nitrobenzene-d5
Concen: 100.36 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion: 82 Resp: 829925

Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	61.0
54	66.4	38.1	57.1#



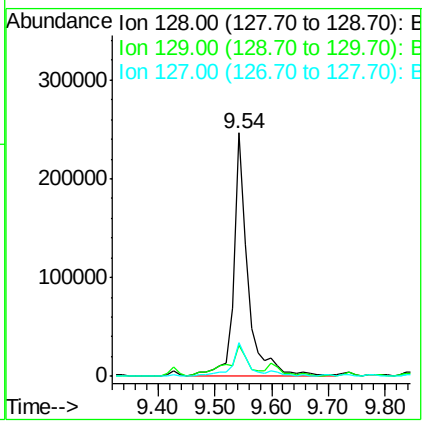


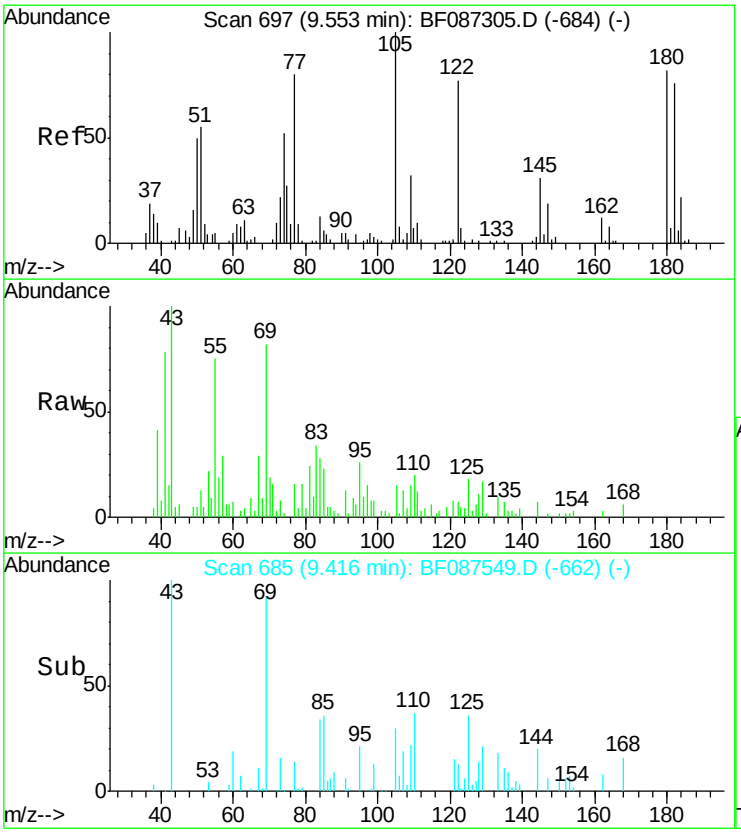
#31
Naphthalene
Concen: 20.47 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:128 Resp: 427575

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	13.0
127	13.6	10.8	16.2

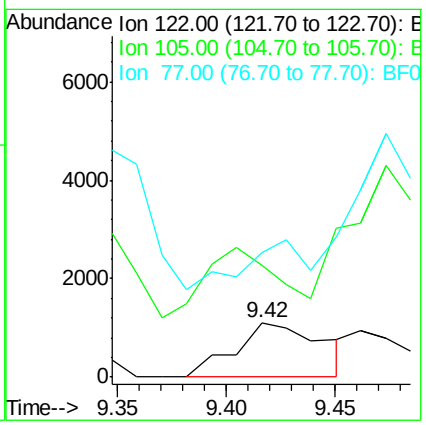


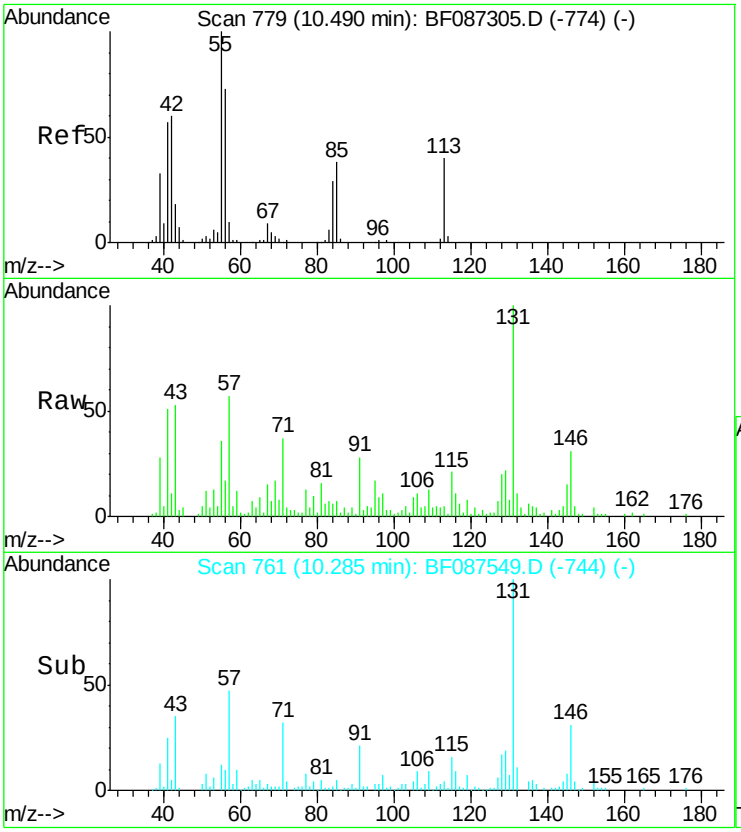


#32
Benzoic acid
Concen: 6.67 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:122 Resp: 3068

Ion	Ratio	Lower	Upper
122	100		
105	205.9	92.6	132.6#
77	229.7	60.0	100.0#



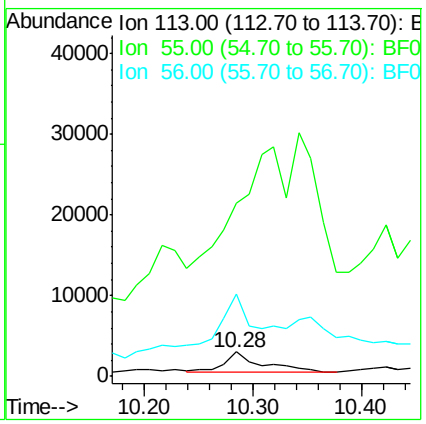


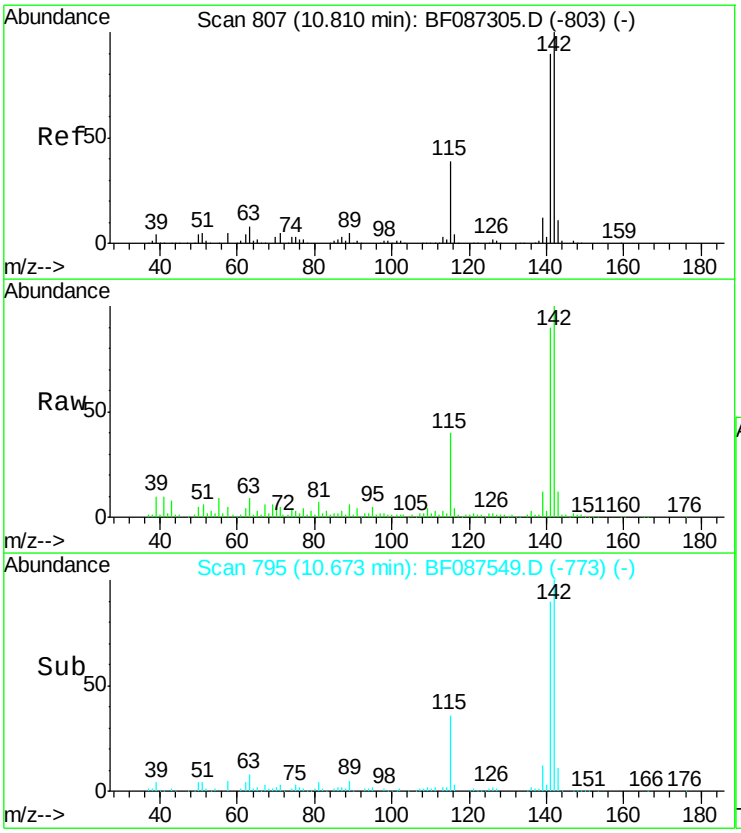
#35
Caprolactam
Concen: 3.80 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:113 Resp: 6196

Ion	Ratio	Lower	Upper
113	100		
55	714.5	162.0	202.0#
56	341.5	115.3	155.3#

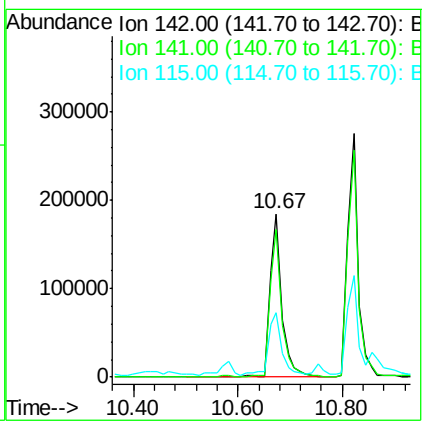


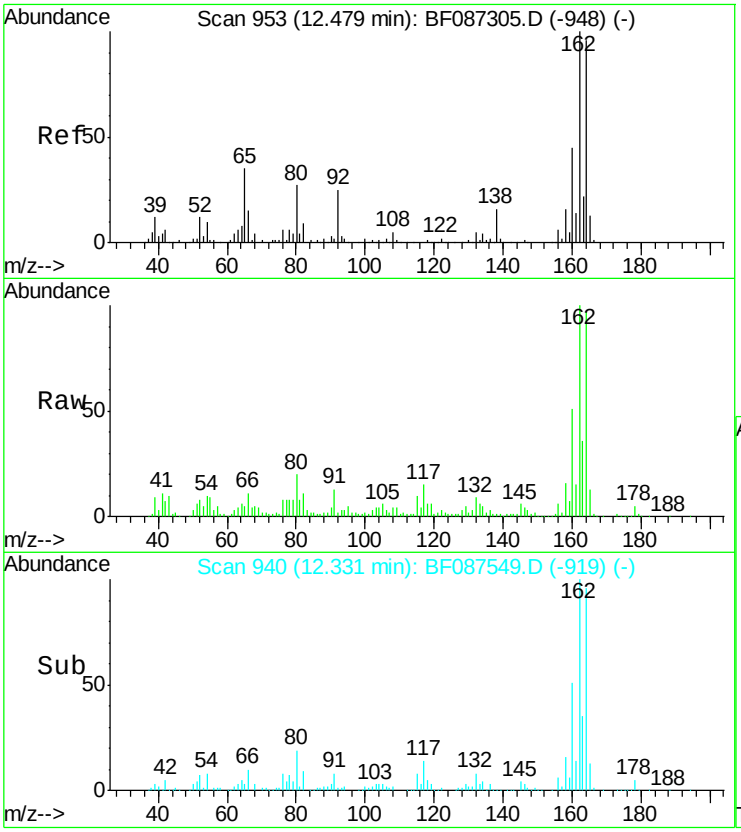


#37
2-Methylnaphthalene
Concen: 22.52 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:142 Resp: 293867

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	39.8	26.6	39.8



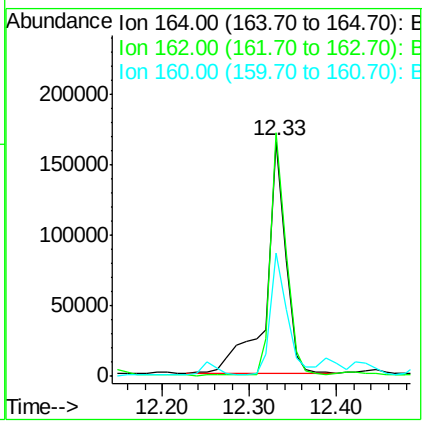


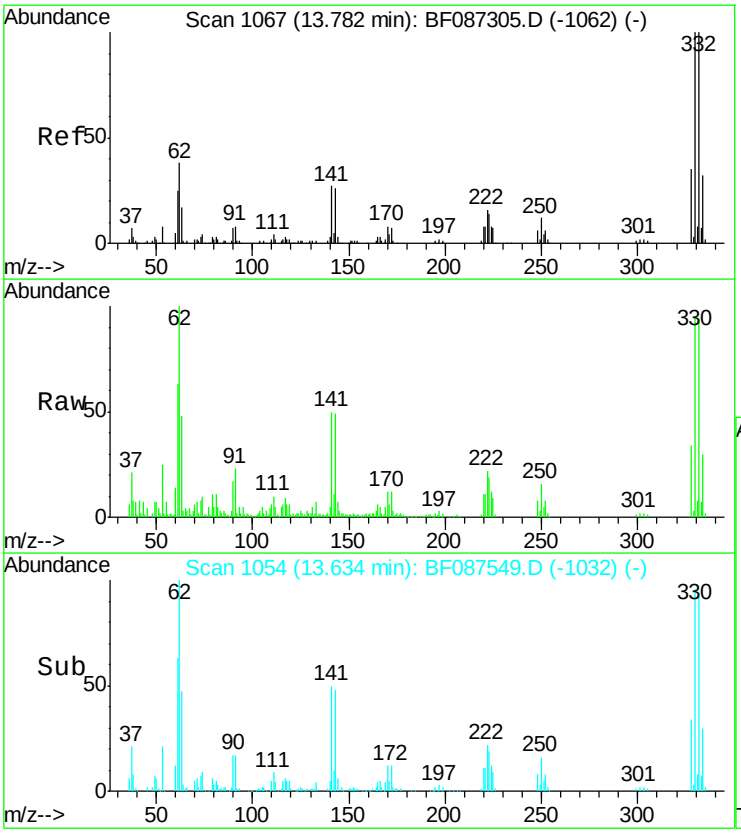
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:164 Resp: 258393

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	52.5	36.9	55.3

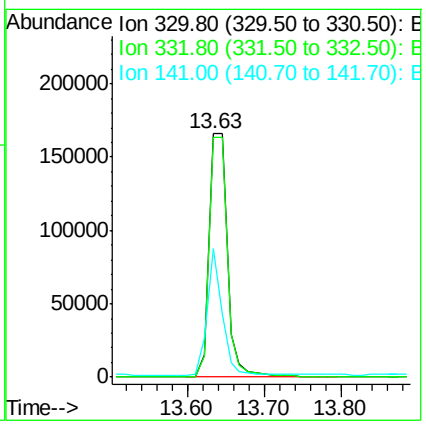


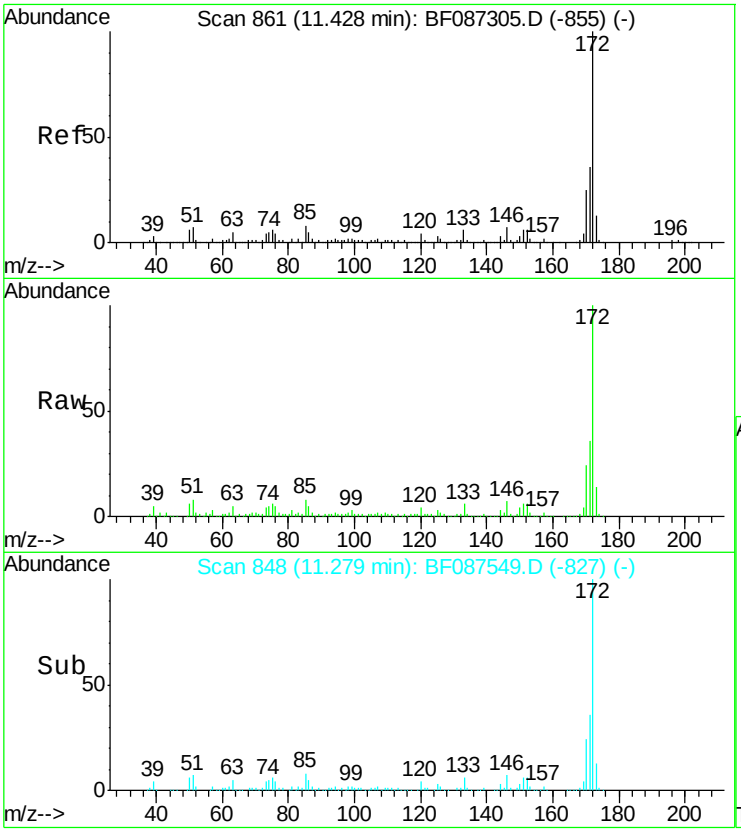


#41
2,4,6-Tribromophenol
Concen: 109.97 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:330 Resp: 273068

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	44.3	31.2	46.8



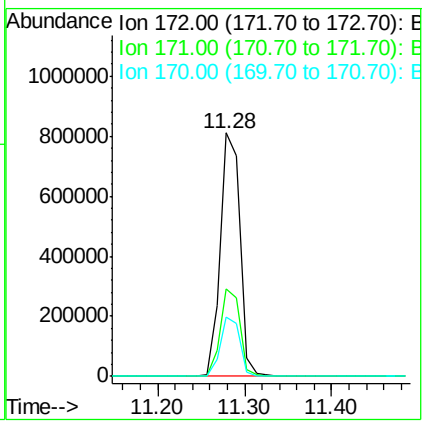


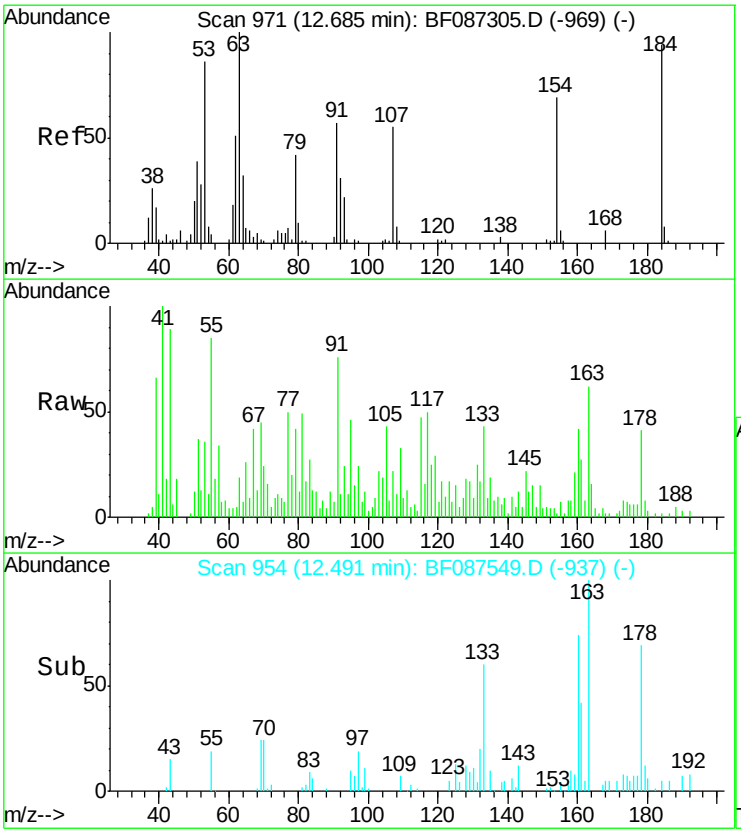
#44
2-Fluorobiphenyl
Concen: 70.14 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:172 Resp: 1285658

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

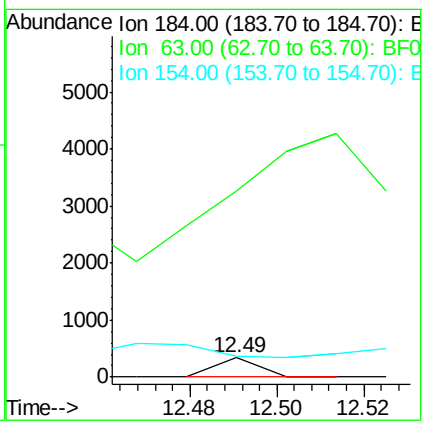


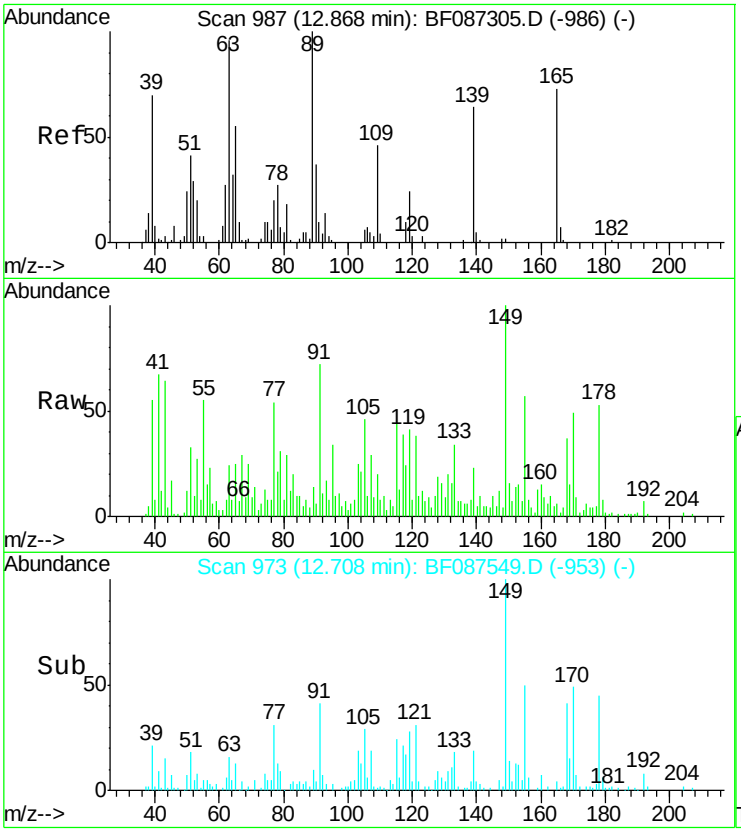


#53
2,4-Dinitrophenol
Concen: 6.64 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.10 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:184 Resp: 230

Ion	Ratio	Lower	Upper
184	100		
63	973.4	55.8	83.8#
154	111.6	62.4	93.6#



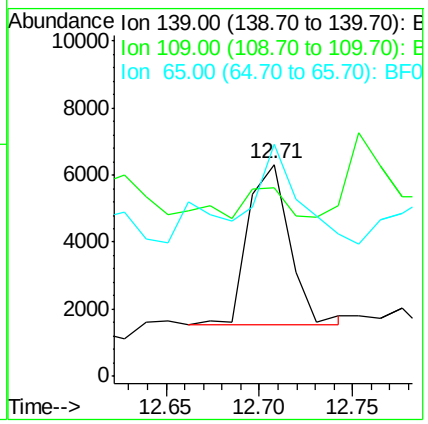


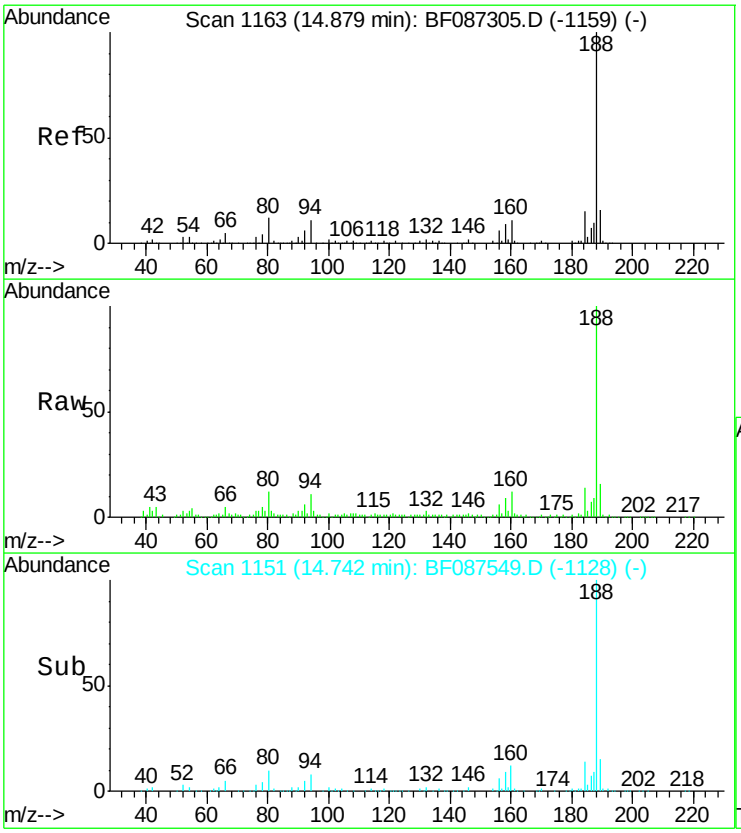
#55
4-Nitrophenol
Concen: 3.60 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:139 Resp: 7358

Ion	Ratio	Lower	Upper
139	100		
109	89.0	36.9	76.9#
65	109.5	64.0	104.0#

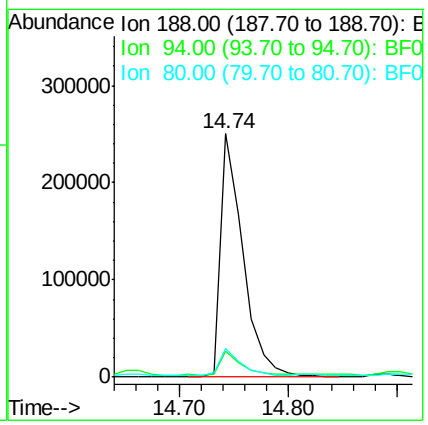


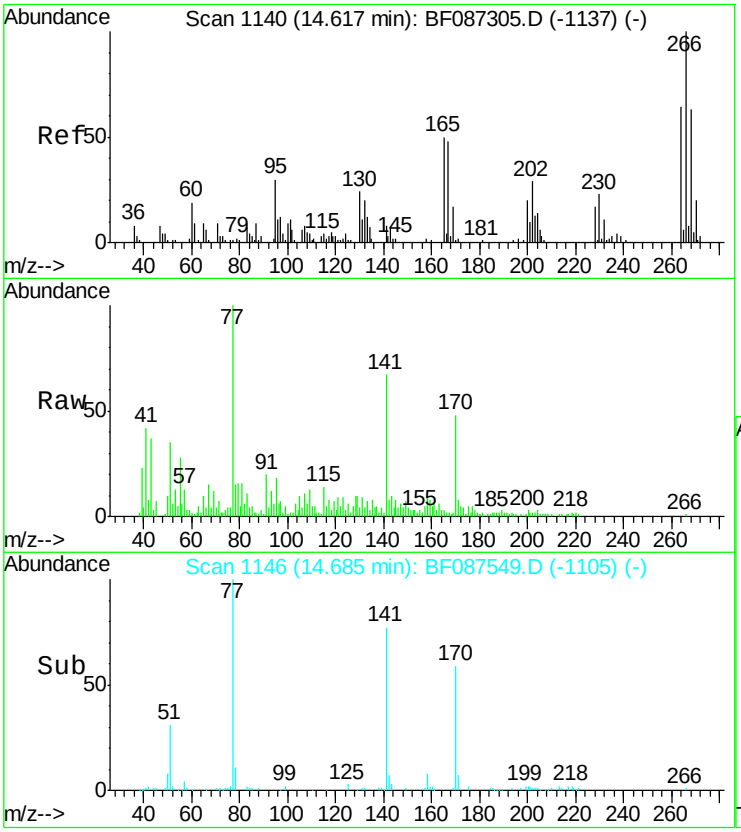


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:188 Resp: 356893

Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.8	10.2#
80	11.7	7.1	10.7#



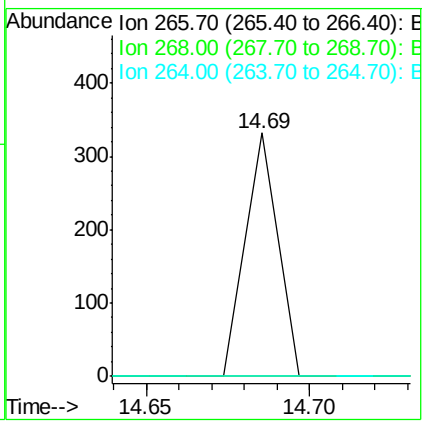


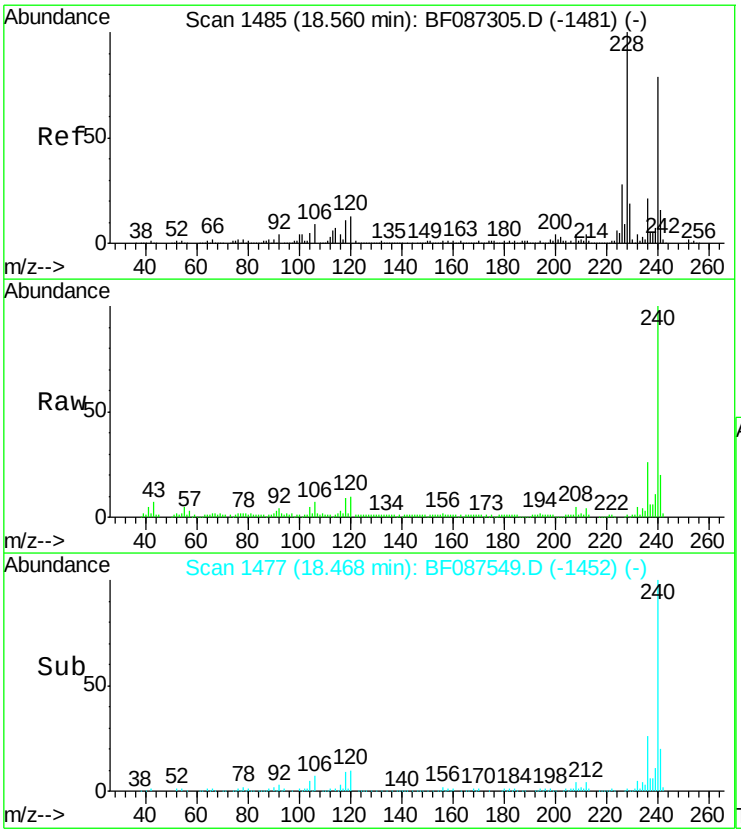
#69
Pentachlorophenol
Concen: 6.34 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.17 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:266 Resp: 228

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	0.0	52.9	79.3#

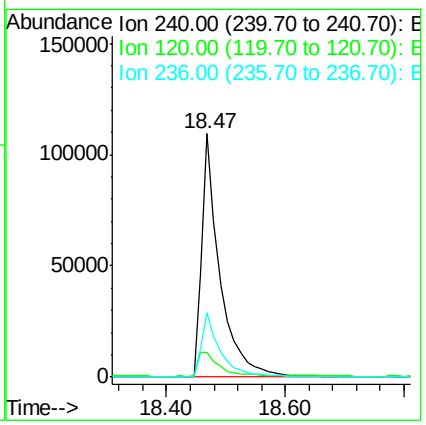


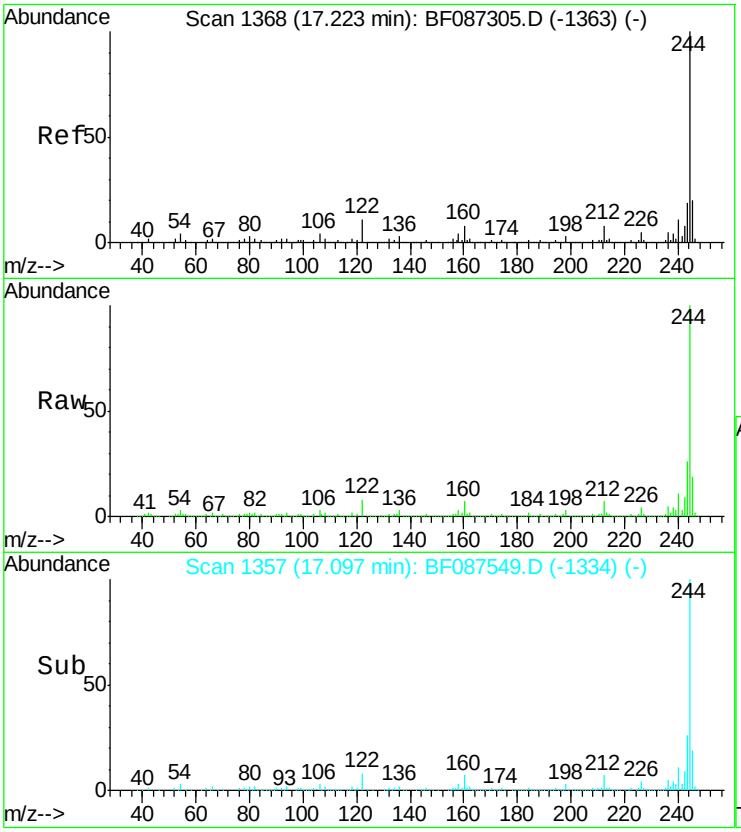


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:240 Resp: 236488

Ion	Ratio	Lower	Upper
240	100		
120	10.3	11.2	16.8#
236	26.4	21.2	31.8



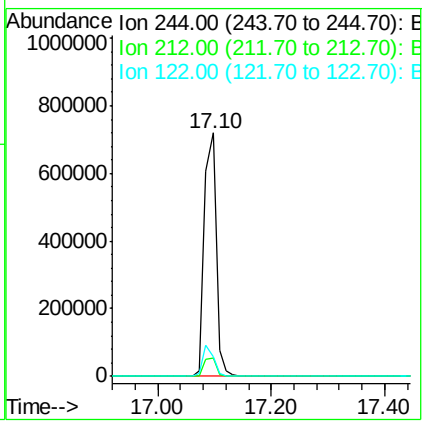


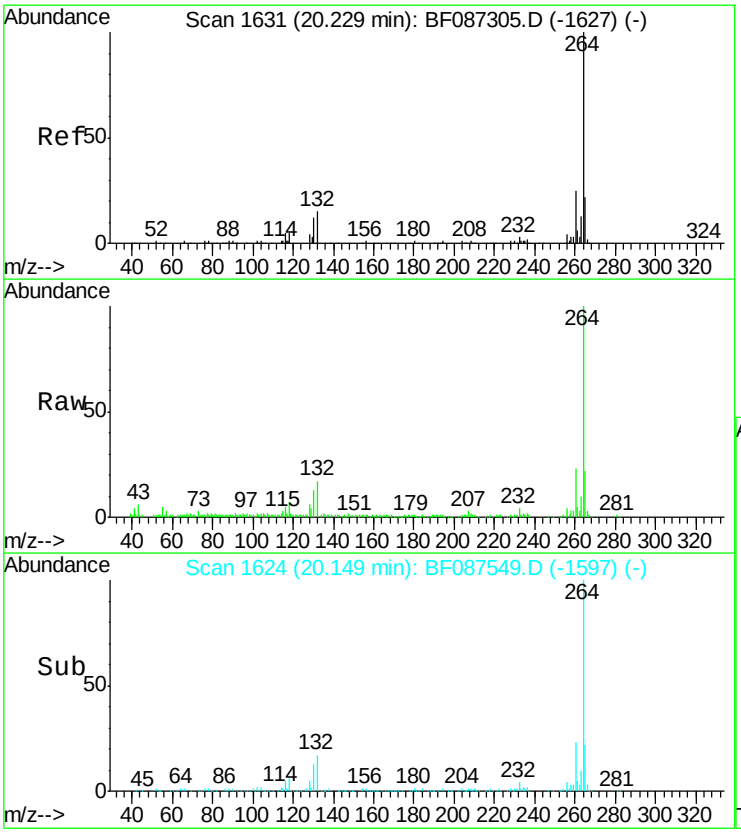
#78
Terphenyl-d14
Concen: 89.86 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087549.D
Acq: 30 May 2016 14:12

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:244 Resp: 999532

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.2	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: BF087549.D
Acq: 30 May 2016 14:12

Tgt Ion:264 Resp: 216377

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	17.3	25.9