Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Time: Jun 02 02:03:36 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	7.43	152	99512	20.00	ng	-0.09
21) Naphthalene-d8	9.45	136	385209	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	175638	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	315260	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	270014	20.00	ng	-0.08
86) Perylene-d12	20.09	264	178570	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	433547	76.55	ng	-0.08
7) Phenol-d6	7.00	99	385300	50.35	ng	-0.07
23) Nitrobenzene-d5	8.34	82	760484	99.50	ng	-0.10
41) 2,4,6-Tribromophenol	13.59	330	291961	172.98	ng	-0.09
44) 2-Fluorobiphenyl	11.23	172	1240863	99.60	ng	-0.10
78) Terphenyl-d14	17.04	244	1167413	91.92	ng	-0.09
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	8546	2.02	ng	# 49
15) Benzyl Alcohol	7.66	79	17575	3.15	ng	# 49
18) Hexachloroethane	8.26	117	90409	30.64	ng	# 6
19) n-Nitroso-di-n-propylamine	8.34	70	100545	17.62	ng	# 74
32) Benzoic acid	9.40	122	206	5.89	ng	# 1
37) 2-Methylnaphthalene	10.76	142	583194	48.36	ng	# 92
47) 2-Nitroaniline	11.67	65	13542	3.32	ng	# 19
53) 2,4-Dinitrophenol	12.45	184	4415	9.34	ng	# 1
55) 4-Nitrophenol	12.63	139	12091	8.71	ng	# 54
59) Diethylphthalate	13.04	149	1019596	74.54	ng	# 72
62) Azobenzene	13.41	77	287182	20.24	ng	# 1
69) Pentachlorophenol	14.46	266	1409	7.34	ng	96

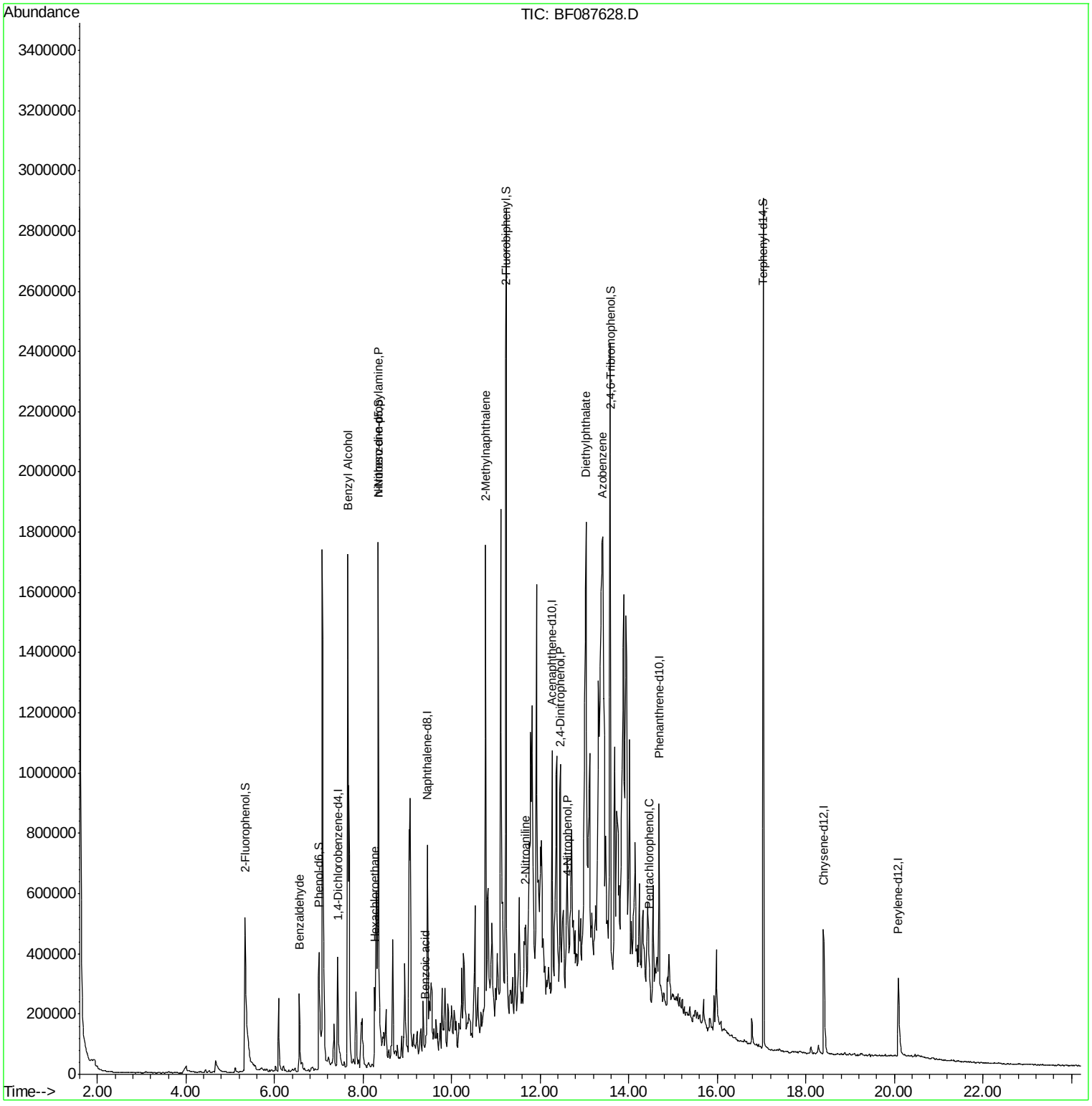
(#) = qualifier out of range (m) = manual integration (+) = signals summed

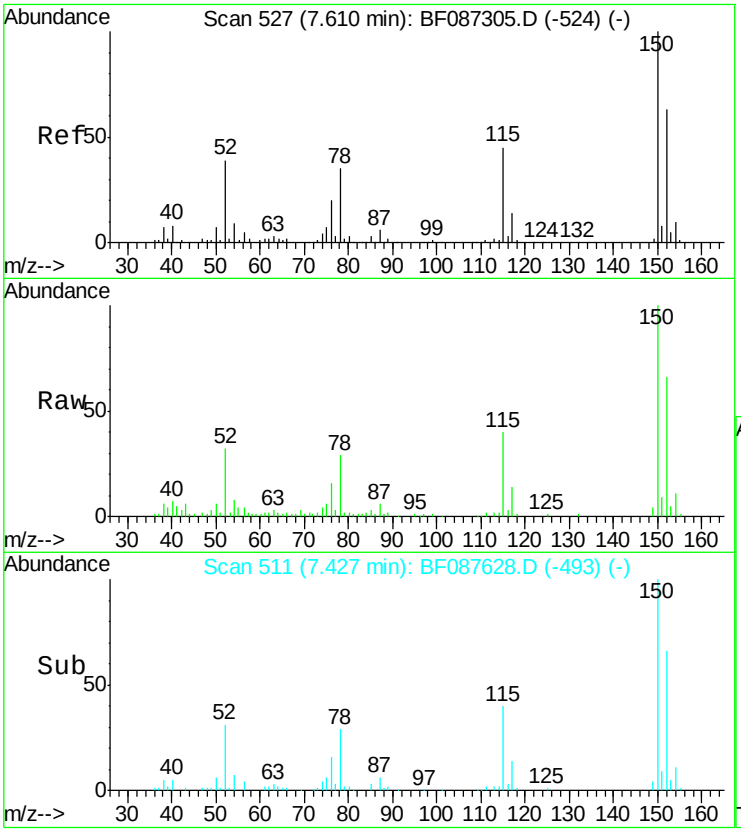
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087628.D
Acq On : 1 Jun 2016 21:27
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Time: Jun 02 02:03:36 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



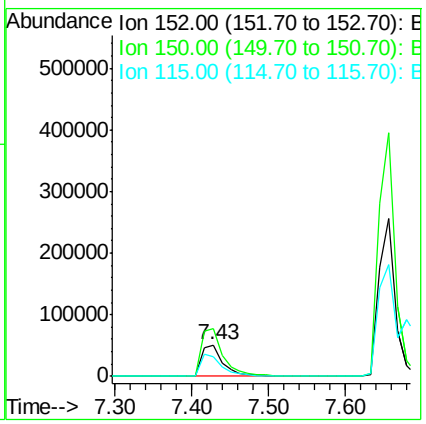


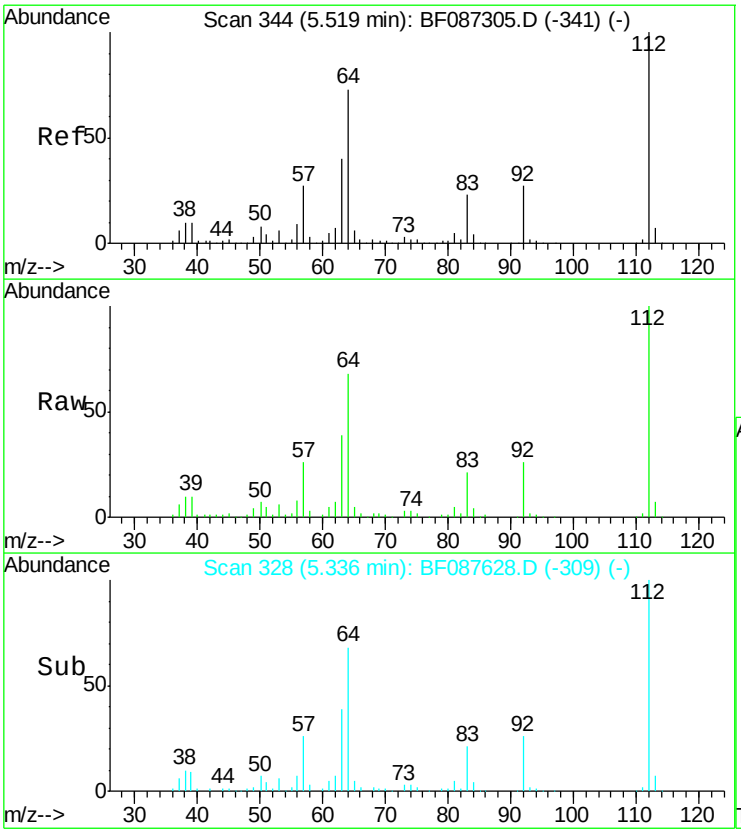
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.09 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:152 Resp: 99512

Ion	Ratio	Lower	Upper
152	100		
150	151.7	125.8	188.6
115	61.4	51.5	77.3

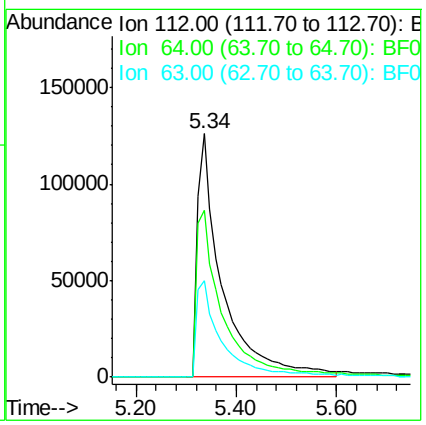


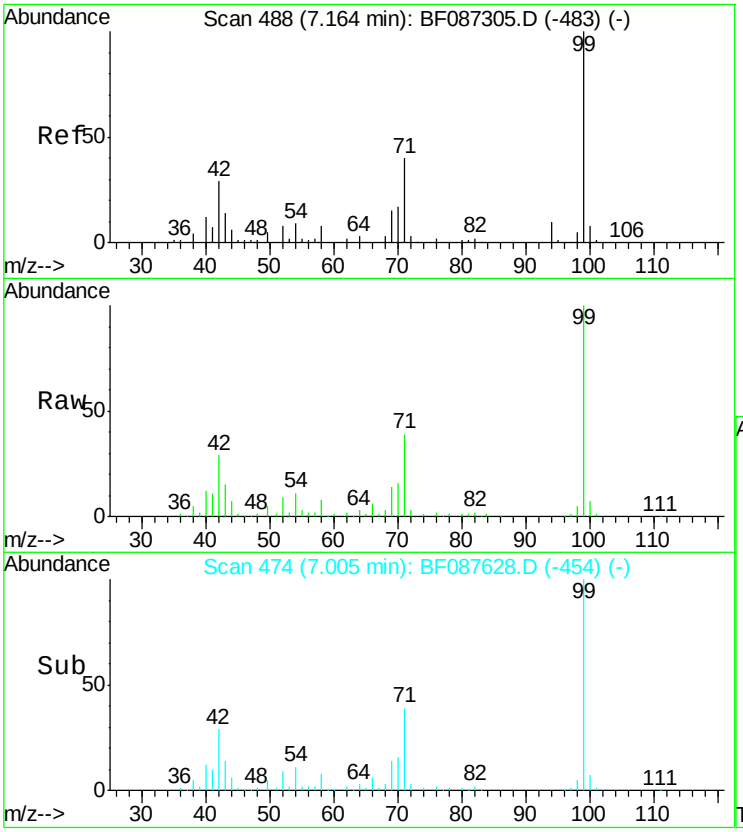


#5
2-Fluorophenol
Concen: 76.55 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.08 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:112 Resp: 433547

Ion	Ratio	Lower	Upper
112	100		
64	68.3	52.1	78.1
63	39.4	25.7	38.5#



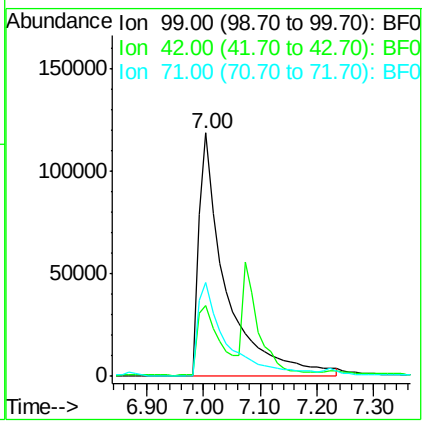


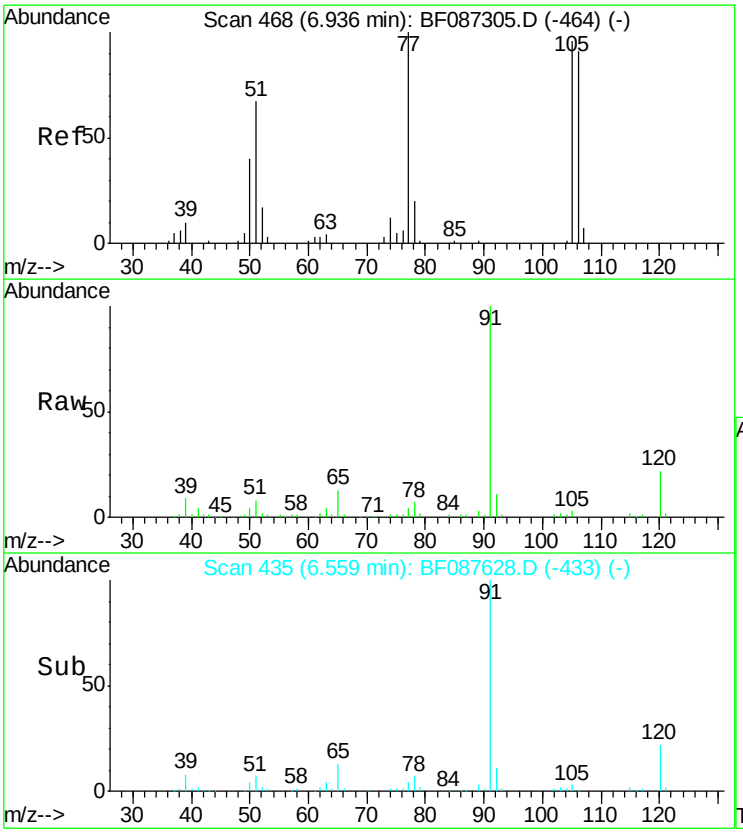
#7
Phenol-d6
Concen: 50.35 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.07 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 99 Resp: 385300

Ion	Ratio	Lower	Upper
99	100		
42	29.1	13.6	20.4#
71	38.7	24.6	36.8#

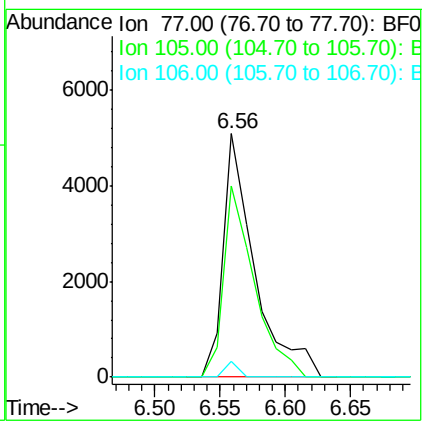


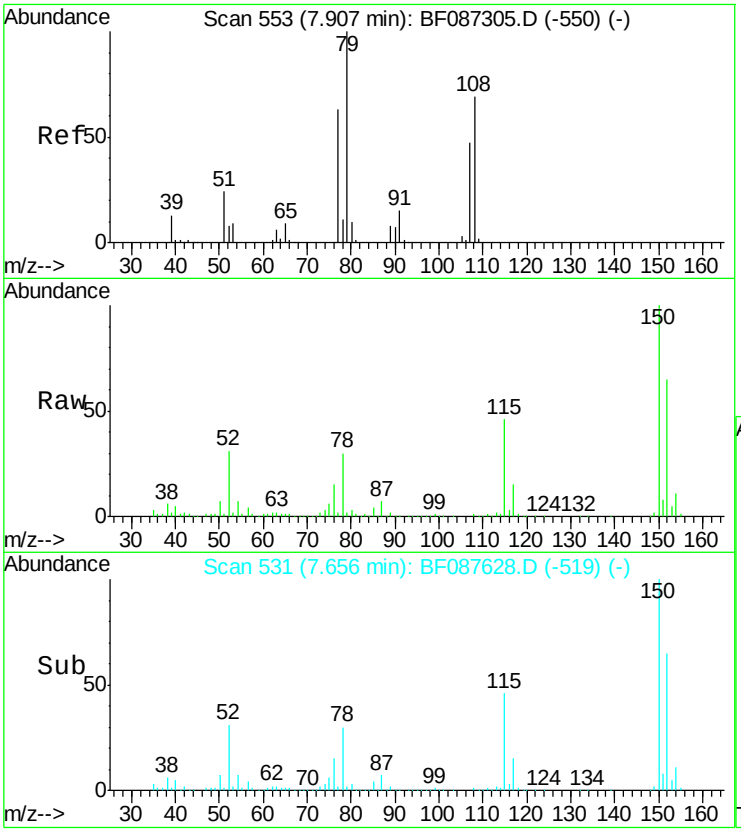


#9
Benzaldehyde
Concen: 2.02 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.27 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion: 77 Resp: 8546

Ion	Ratio	Lower	Upper
77	100		
105	78.7	72.7	112.7
106	6.4	70.8	110.8#



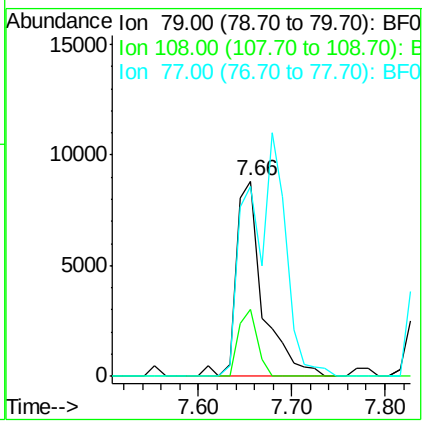


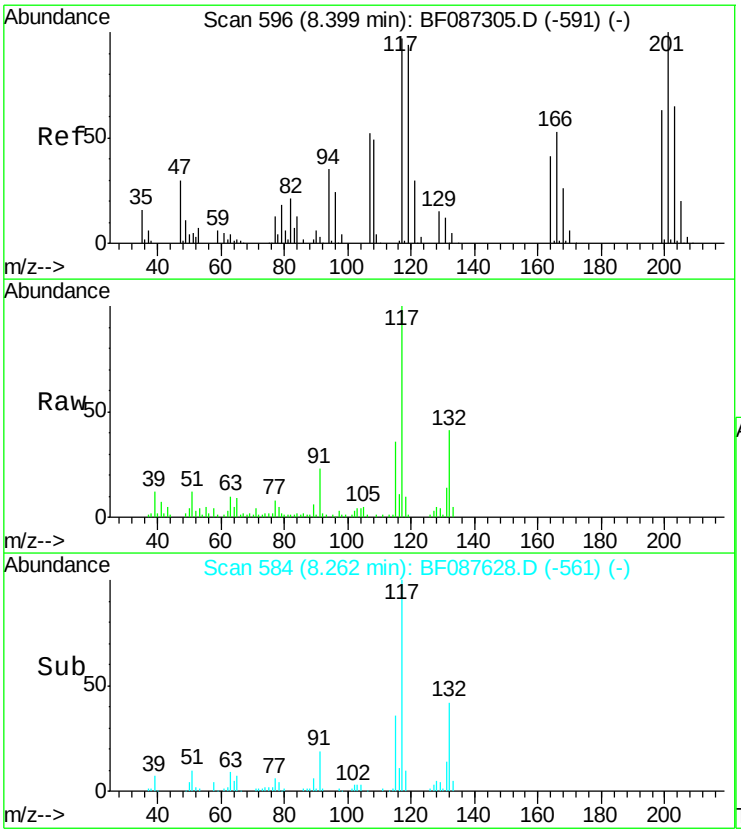
#15
Benzyl Alcohol
Concen: 3.15 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.16 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 79 Resp: 17575

Ion	Ratio	Lower	Upper
79	100		
108	34.3	68.4	102.6#
77	97.4	50.6	76.0#

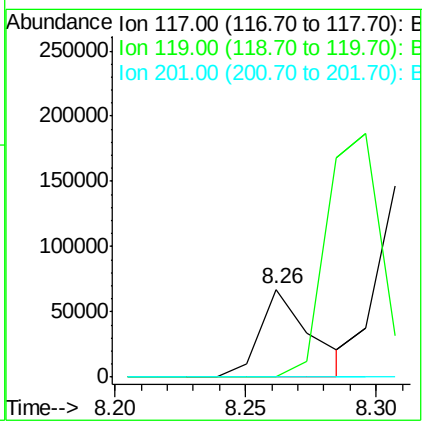


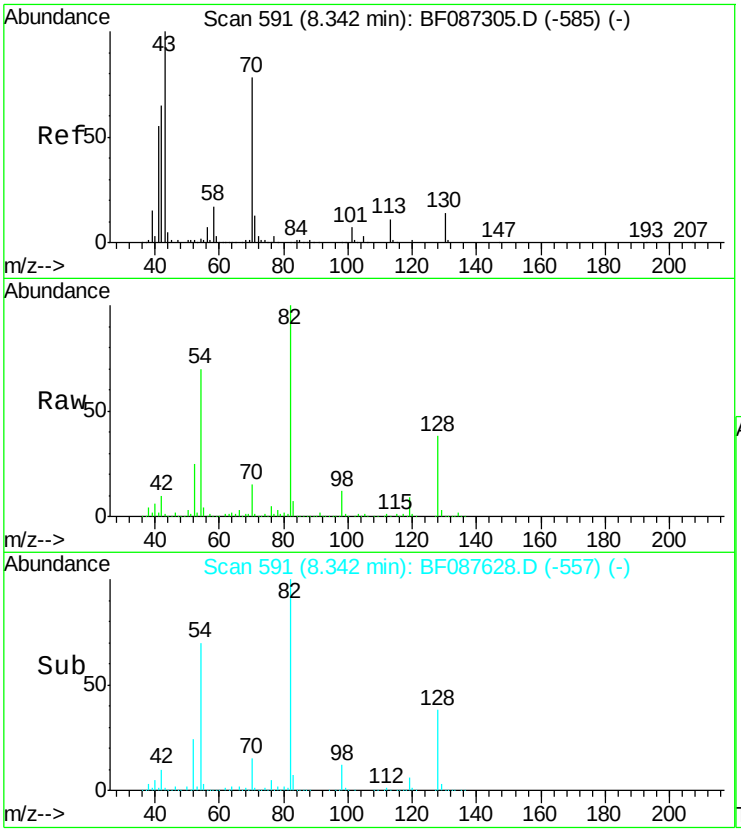


#18
Hexachloroethane
Concen: 30.64 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:117 Resp: 90409

Ion	Ratio	Lower	Upper
117	100		
119	1.0	76.5	114.7#
201	0.0	63.0	94.6#



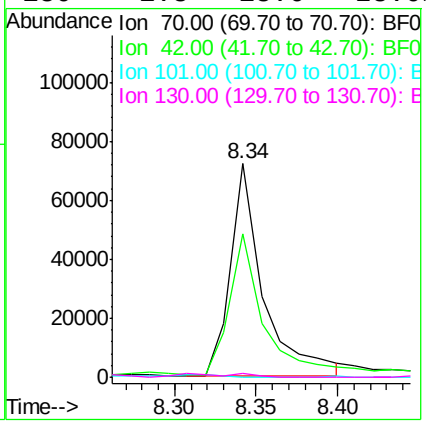


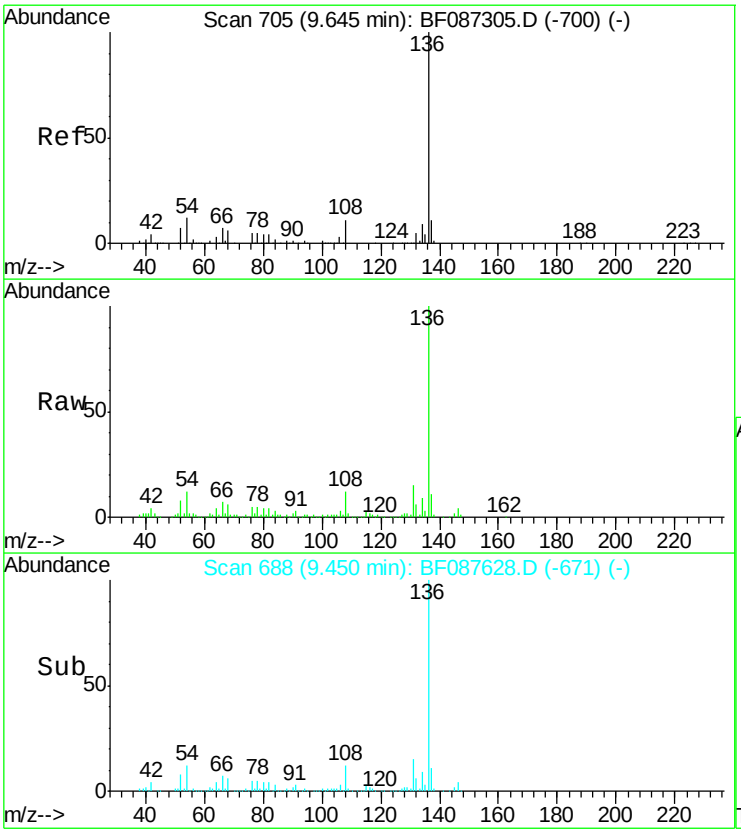
#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.09 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 70 Resp: 100545

Ion	Ratio	Lower	Upper
70	100		
42	67.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

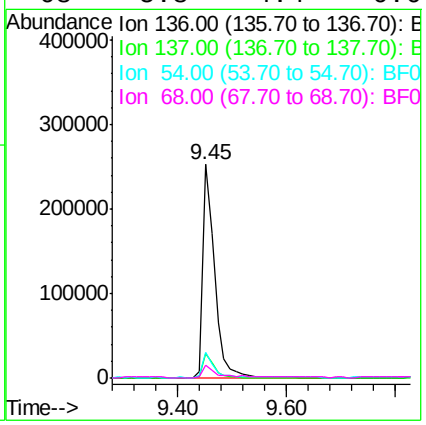


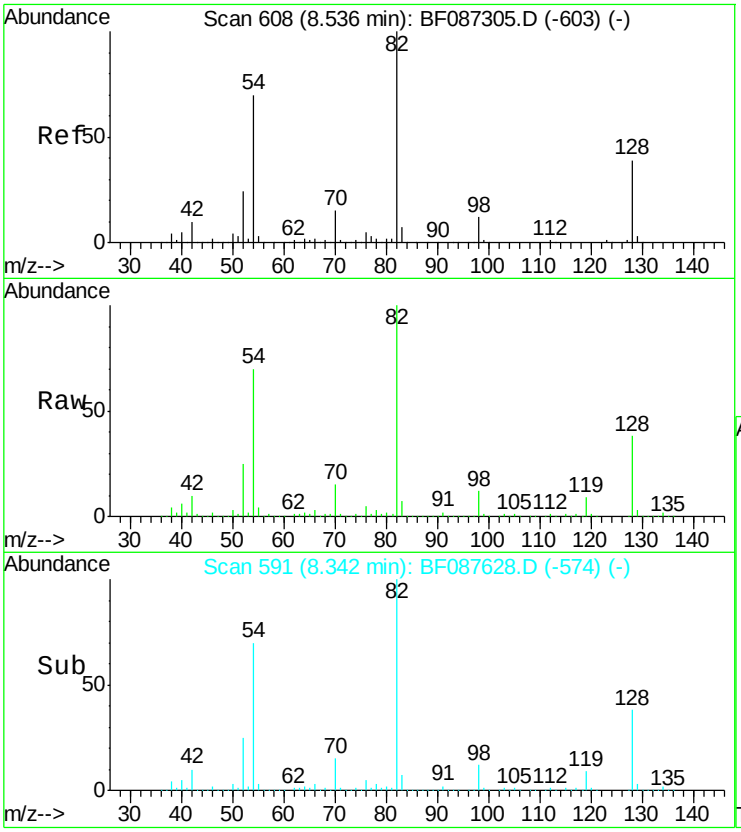


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.10 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:136 Resp: 385209

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.9	5.0	7.4#
68	5.8	4.4	6.6



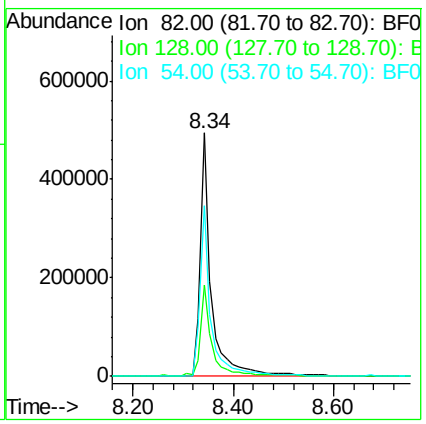


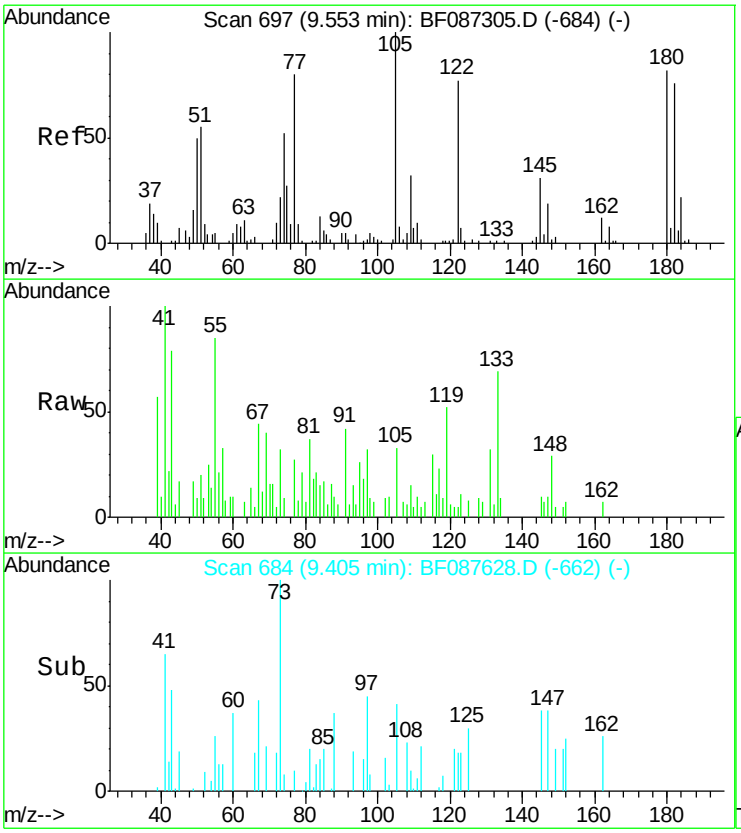
#23
Nitrobenzene-d5
Concen: 99.50 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.10 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 82 Resp: 760484

Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	70.1	38.1	57.1#

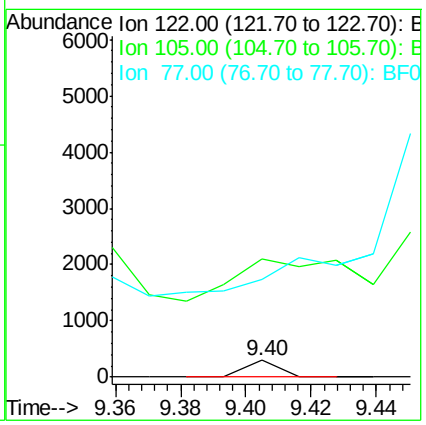


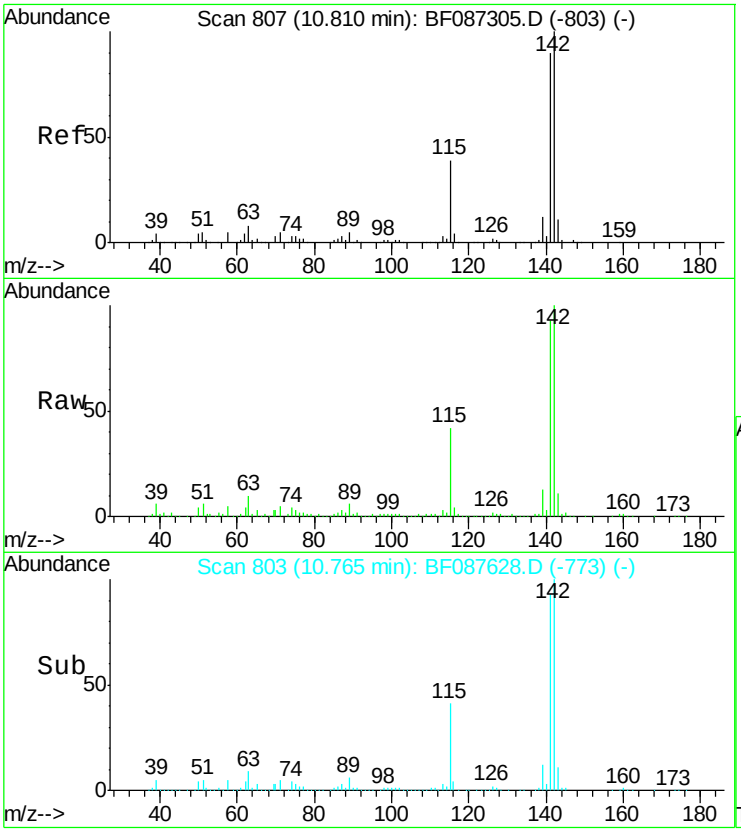


#32
Benzoic acid
Concen: 5.89 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:122 Resp: 206

Ion	Ratio	Lower	Upper
122	100		
105	701.3	92.6	132.6#
77	576.3	60.0	100.0#



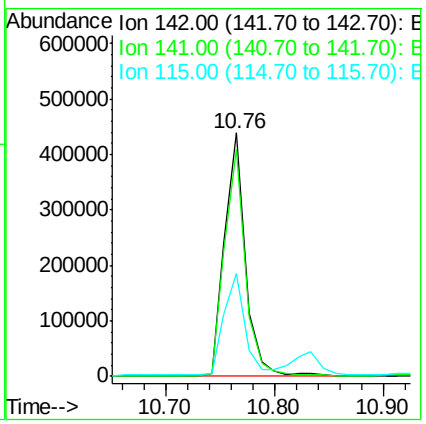


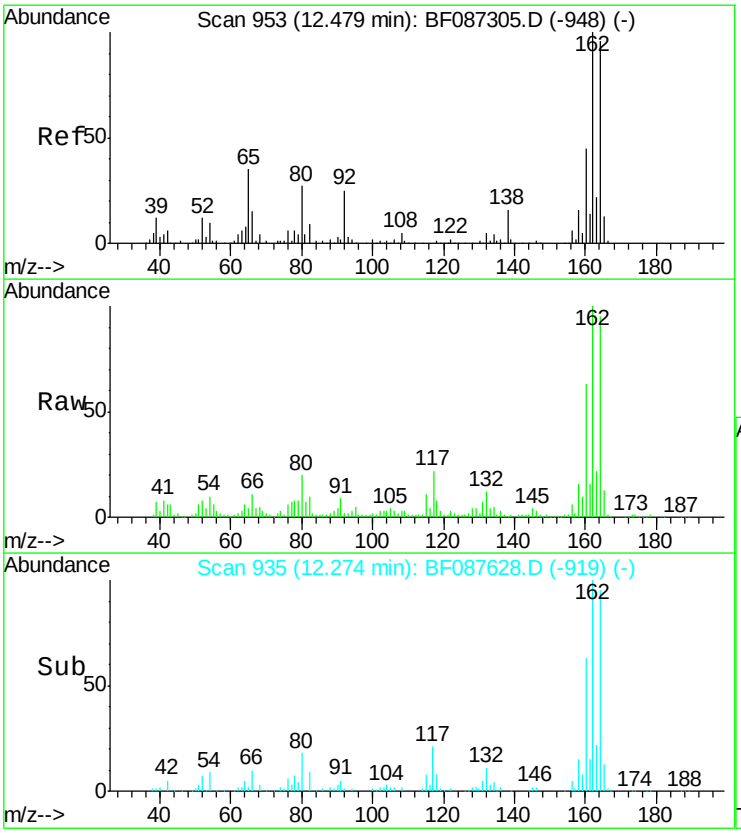
#37
2-Methylnaphthalene
Concen: 48.36 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.05 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:142 Resp: 583194

Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.0	106.6
115	42.0	26.6	39.8#

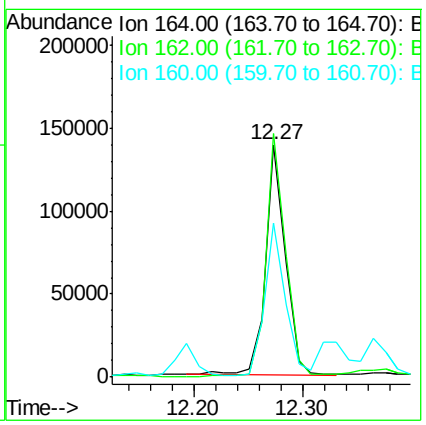


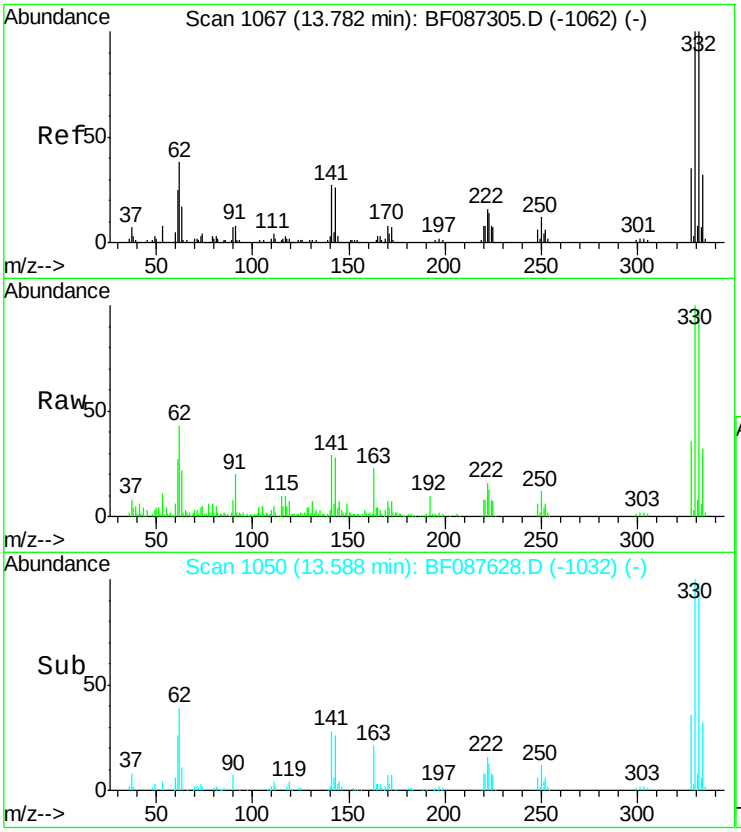


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.11 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:164 Resp: 175638

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	66.4	36.9	55.3#



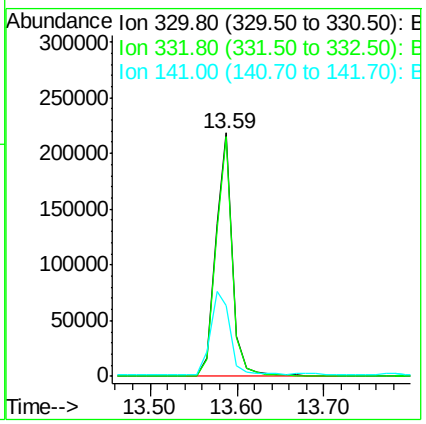


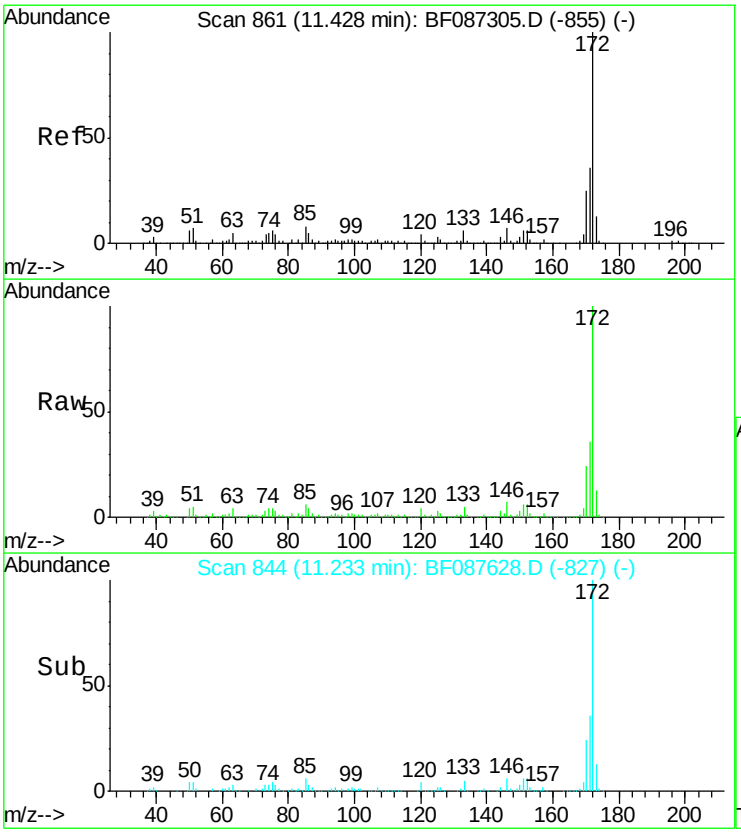
#41
2,4,6-Tribromophenol
Concen: 172.98 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.09 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:330 Resp: 291961

Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	40.6	31.2	46.8

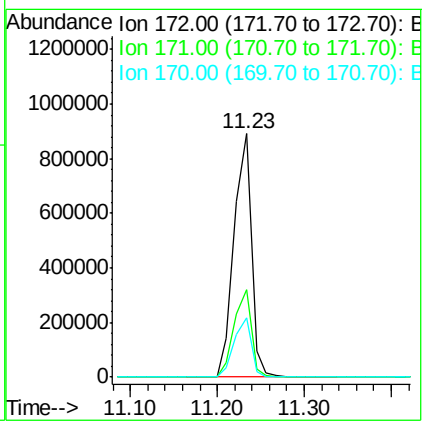


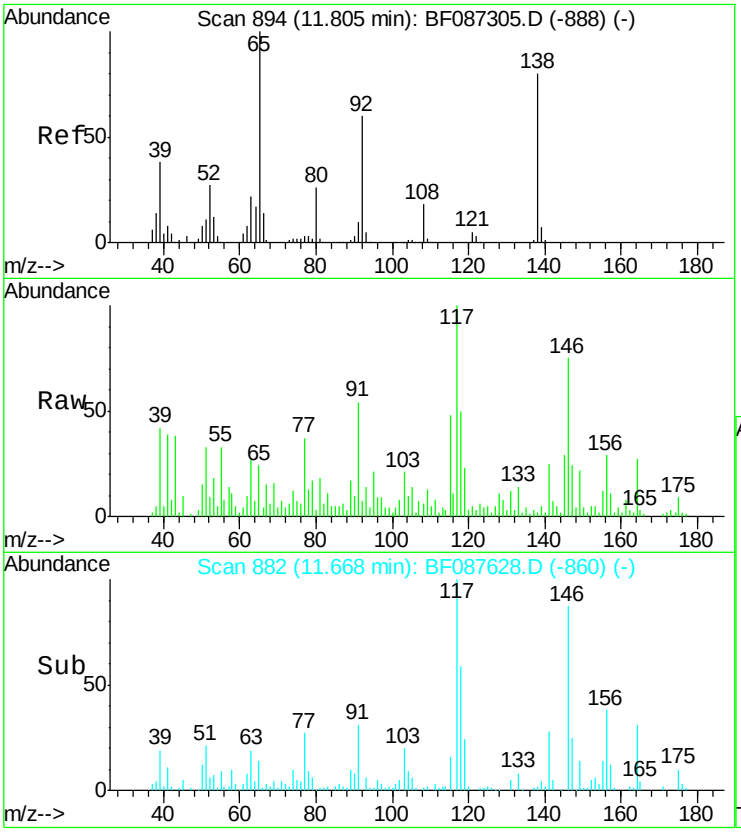


#44
2-Fluorobiphenyl
Concen: 99.60 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.10 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:172 Resp: 1240863

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.4	19.8	29.8



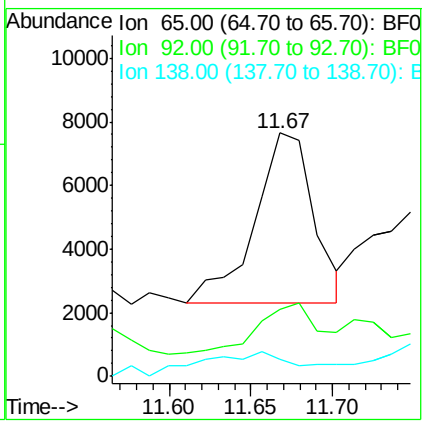


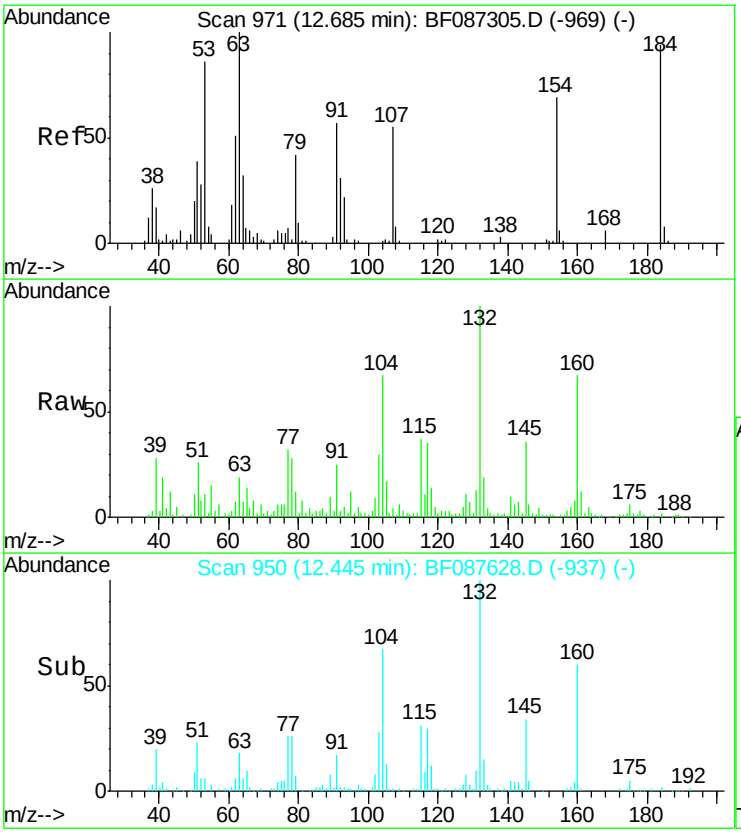
#47
2-Nitroaniline
Concen: 3.32 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 65 Resp: 13542

Ion	Ratio	Lower	Upper
65	100		
92	27.5	57.4	86.2#
138	6.9	90.1	135.1#

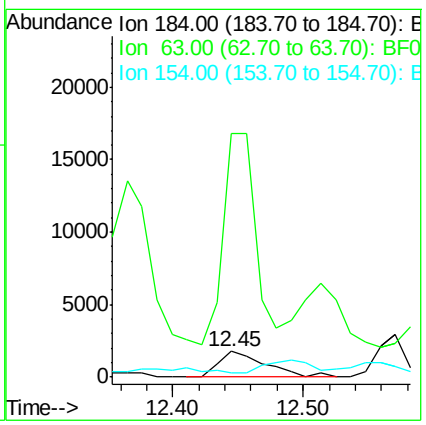


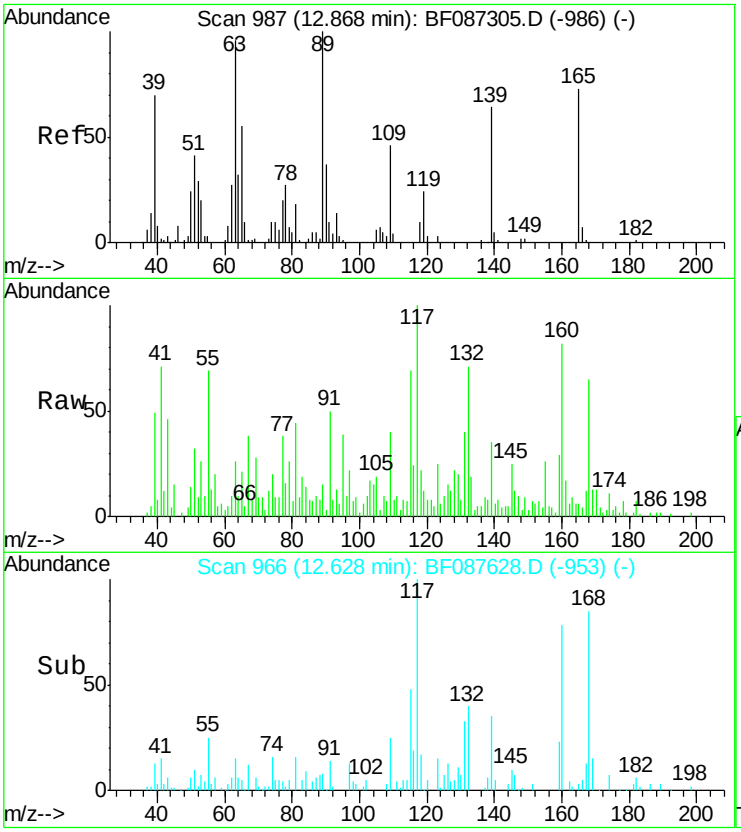


#53
2,4-Dinitrophenol
Concen: 9.34 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.15 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:184 Resp: 4415

Ion	Ratio	Lower	Upper
184	100		
63	948.7	55.8	83.8#
154	17.5	62.4	93.6#



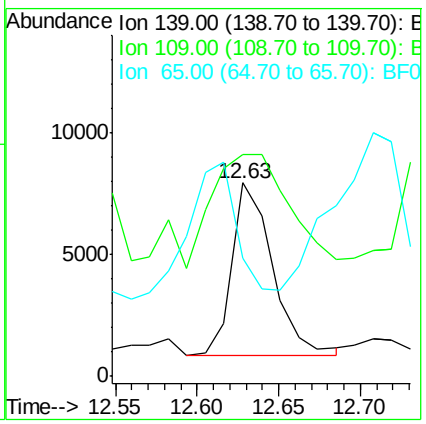


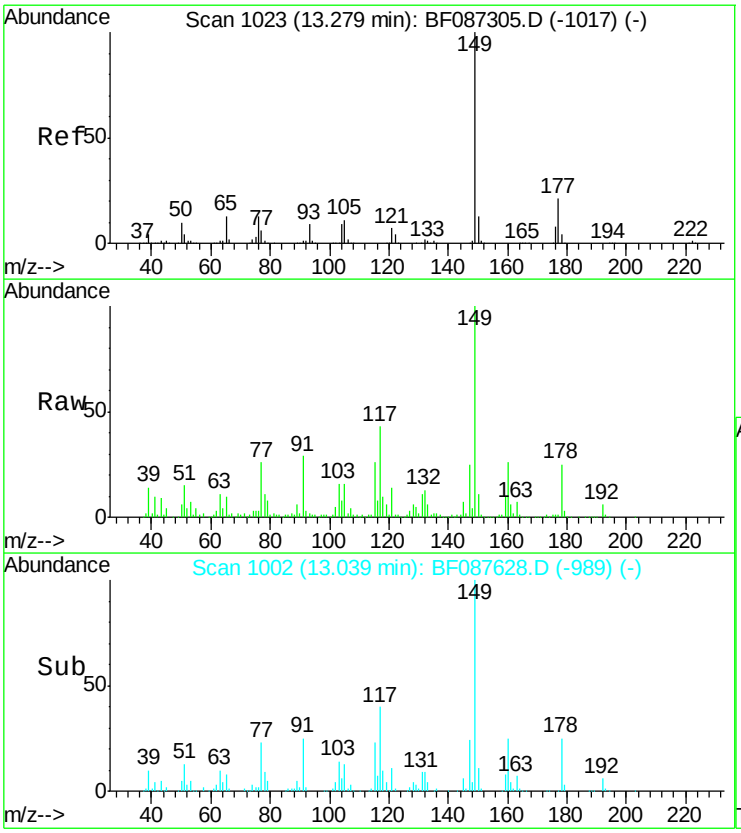
#55
4-Nitrophenol
Concen: 8.71 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.15 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:139 Resp: 12091

Ion	Ratio	Lower	Upper
139	100		
109	114.5	36.9	76.9#
65	61.4	64.0	104.0#

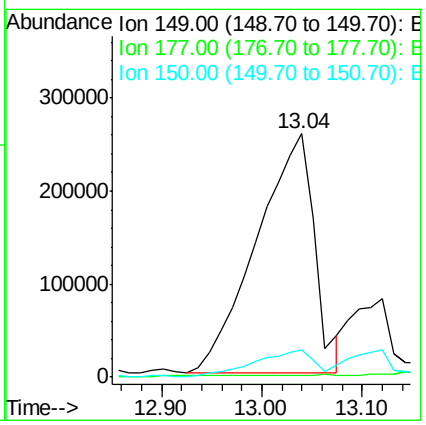


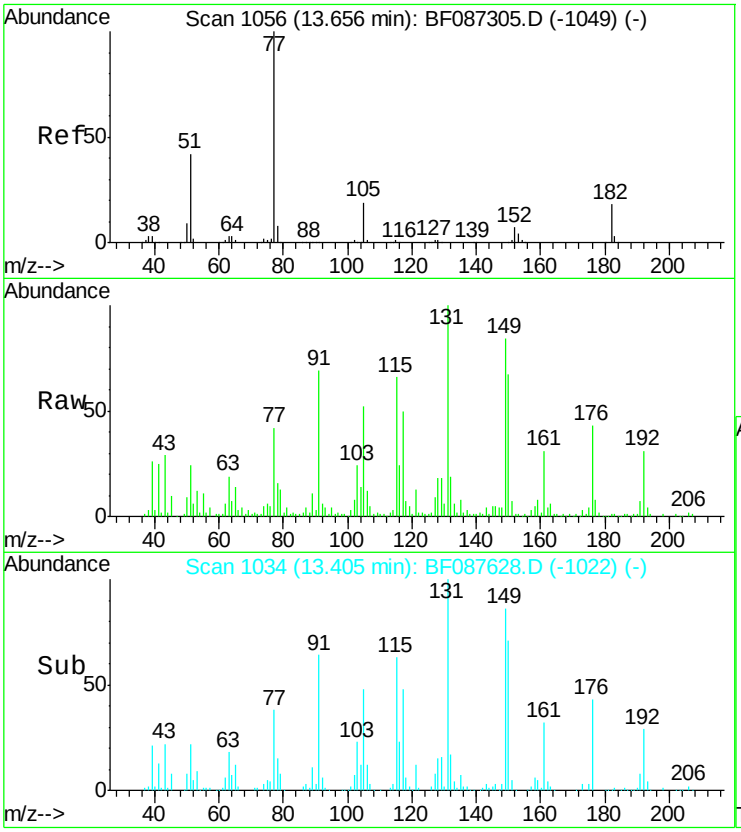


#59
Diethylphthalate
Concen: 74.54 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.15 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:149 Resp: 1019596

Ion	Ratio	Lower	Upper
149	100		
177	0.7	16.6	24.8#
150	11.2	10.0	15.0



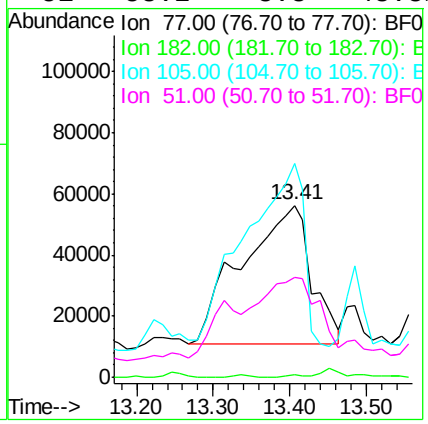


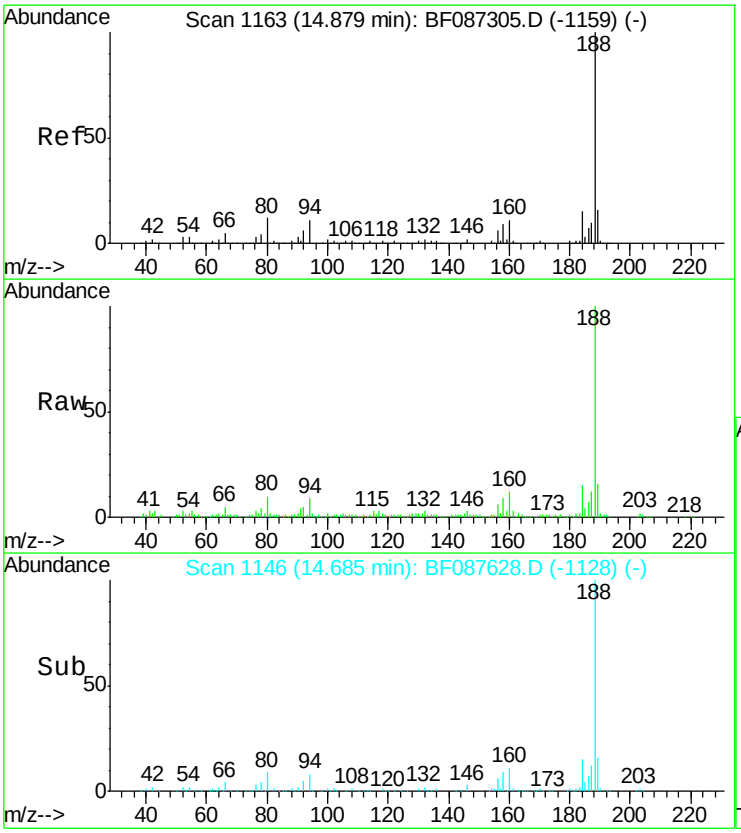
#62
Azobenzene
Concen: 20.24 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.16 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion: 77 Resp: 287182

Ion	Ratio	Lower	Upper
77	100		
182	1.4	0.0	38.8
105	124.2	3.2	43.2#
51	58.2	8.8	48.8#

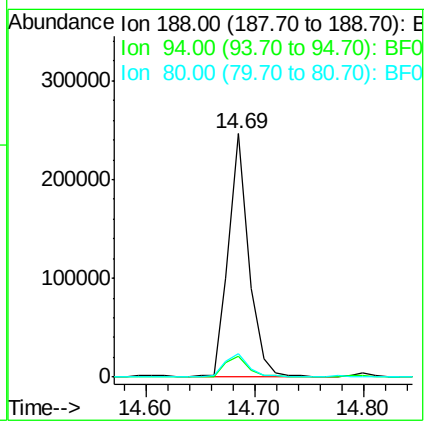


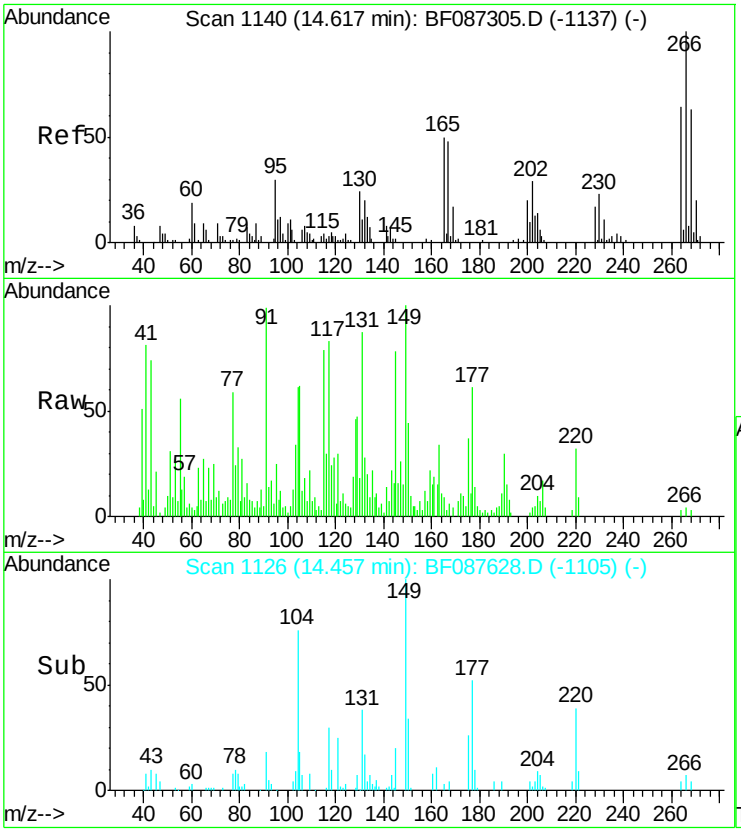


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:188 Resp: 315260

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.6	7.1	10.7



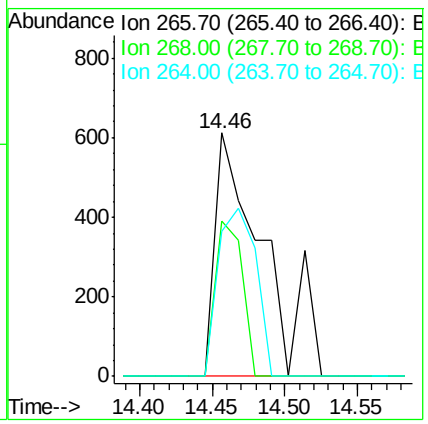


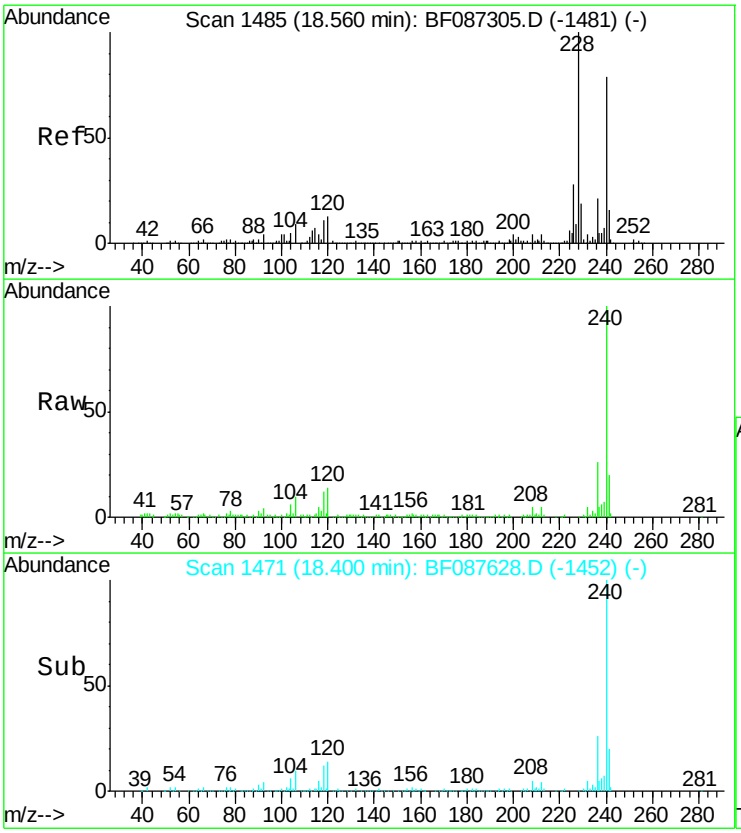
#69
Pentachlorophenol
Concen: 7.34 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:266 Resp: 1409

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.5	77.3
264	59.8	52.9	79.3

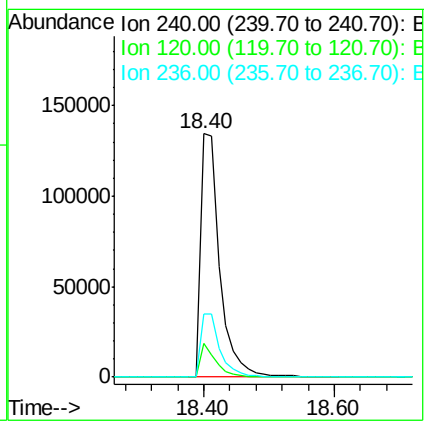


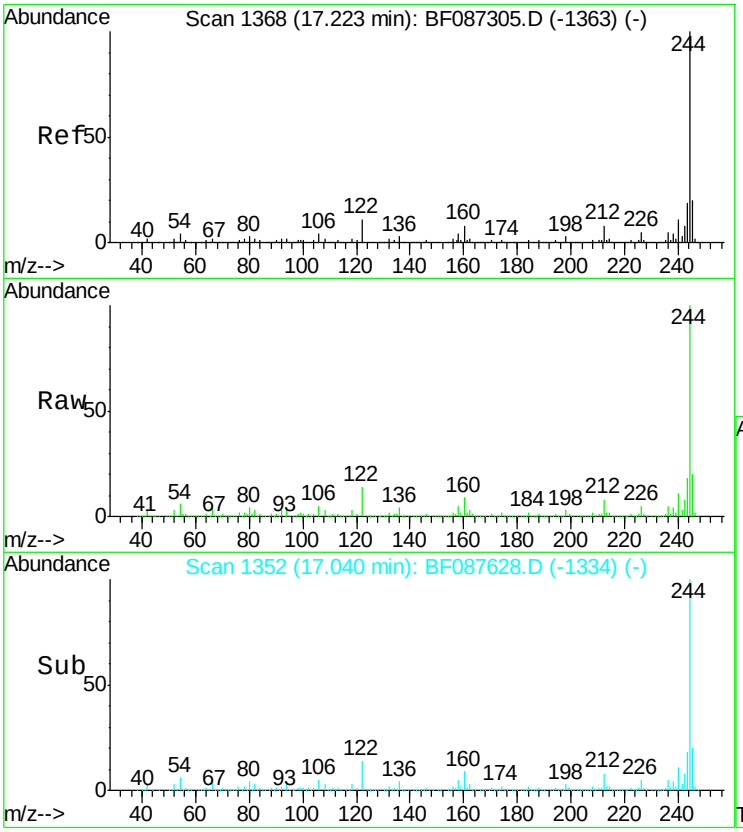


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:240 Resp: 270014

Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.2	16.8
236	25.9	21.2	31.8



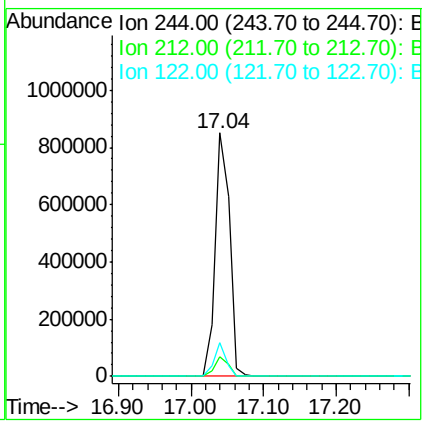


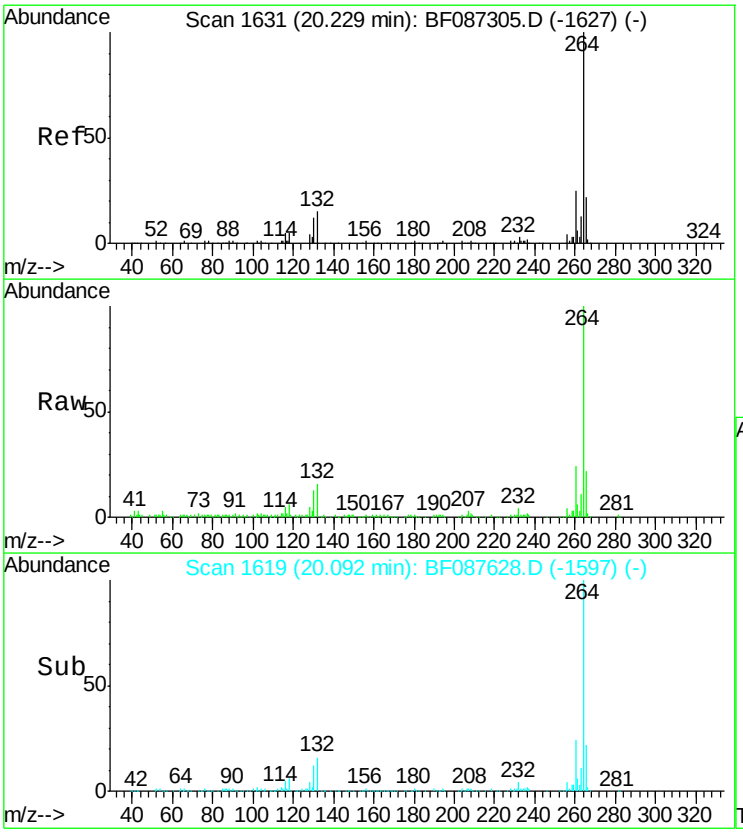
#78
Terphenyl-d14
Concen: 91.92 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.09 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:244 Resp: 1167413

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.7	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.09 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF087628.D
Acq: 1 Jun 2016 21:27

Tgt Ion:264 Resp: 178570

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9