Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
Data File : BF087273.D
Acq On : 21 May 2016 15:24
Operator : UM/SJ
Sample : H3212-07
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE2-1

Quant Time: May 23 01:00:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127973	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	531773	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	254290	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	412835	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	274690	20.00	ng	-0.07
86) Perylene-d12	15.05	264	239690	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	502399	65.99	ng	-0.06
7) Phenol-d6	6.23	99	417058	40.84	ng	-0.06
23) Nitrobenzene-d5	7.14	82	1033171	96.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	362317	128.94	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1504286	97.97	ng	-0.06
78) Terphenyl-d14	12.65	244	1000032	82.35	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	27167	3.69	ng	# 78
15) Benzyl Alcohol	6.71	79	16483	2.17	ng	# 44
19) n-Nitroso-di-n-propylamine	7.14	70	144664	18.64	ng	# 83
25) Isophorone	7.14	82	1009778	51.70	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	33621	7.98	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	33621	6.23	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	23129	5.45	ng	# 1

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

Quantitation Report (Not Reviewed)

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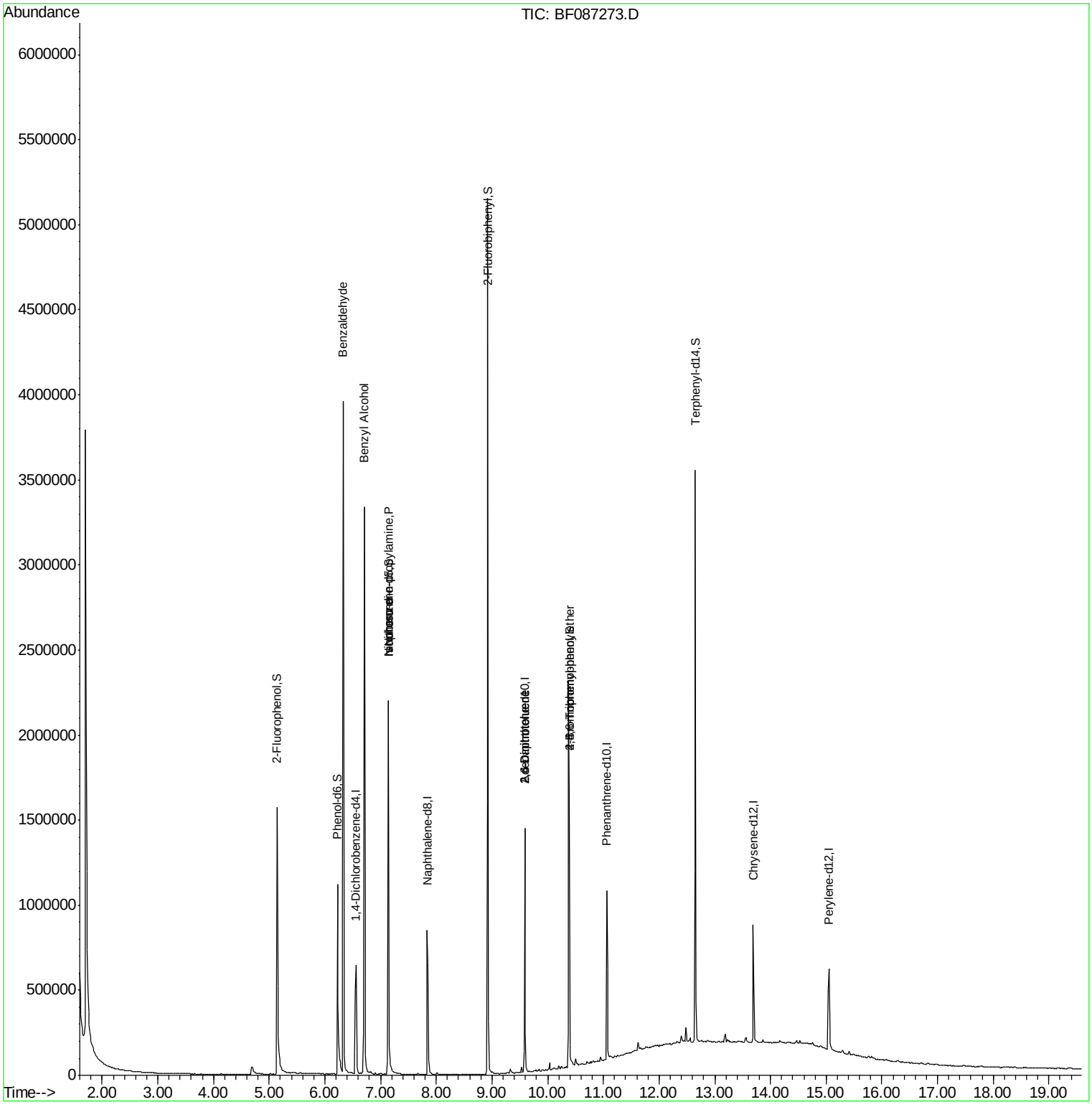
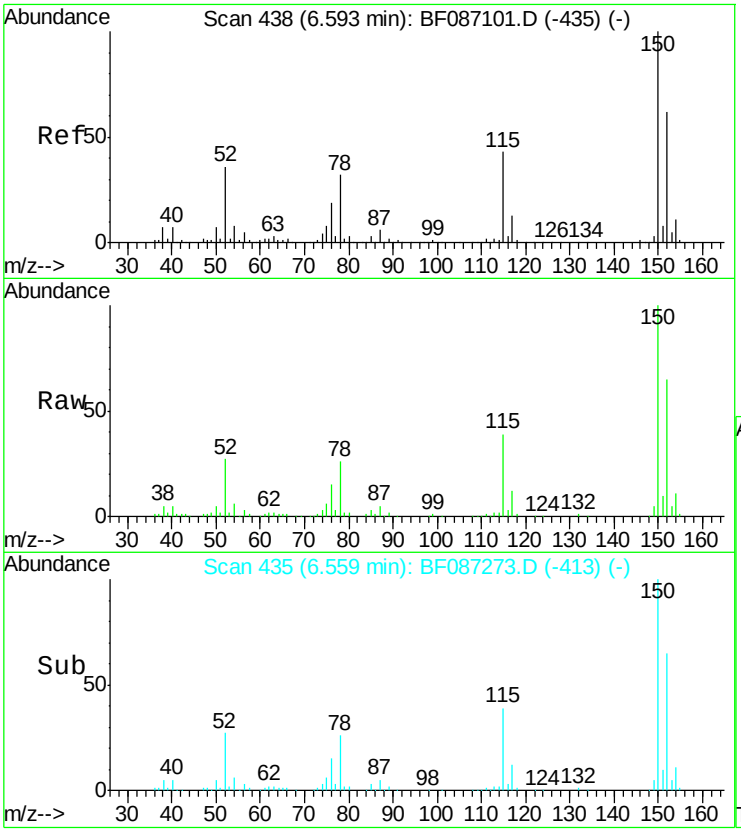


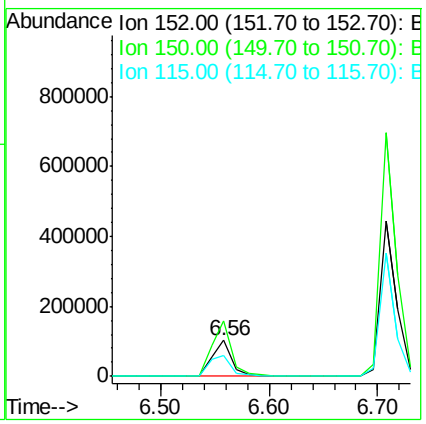


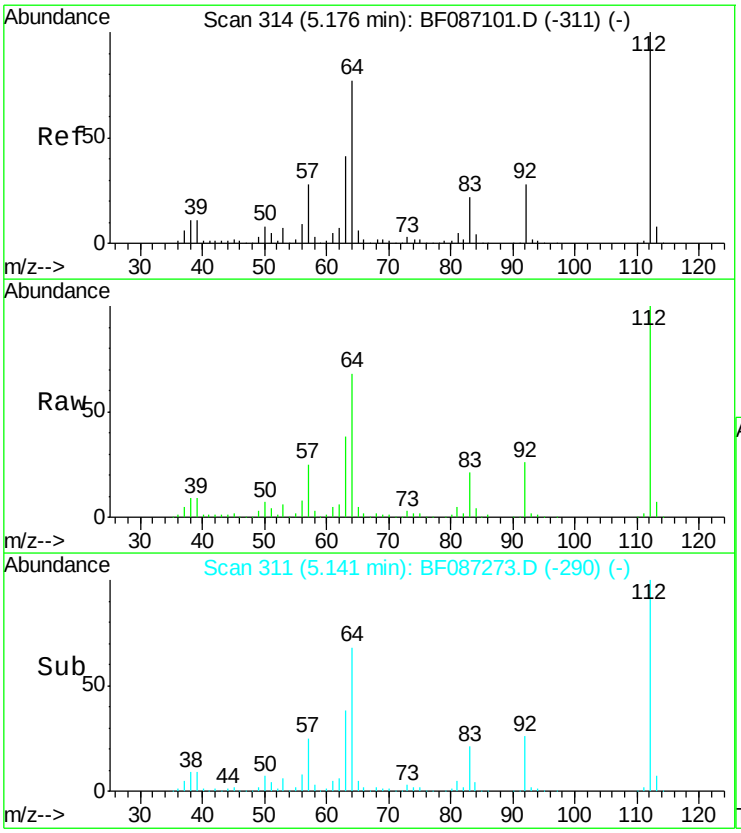
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:152 Resp: 127973

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.8	188.6
115	59.6	51.5	77.3

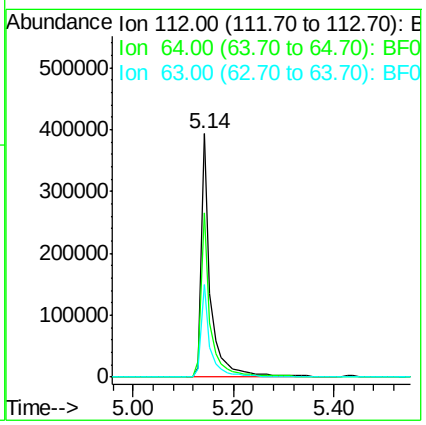


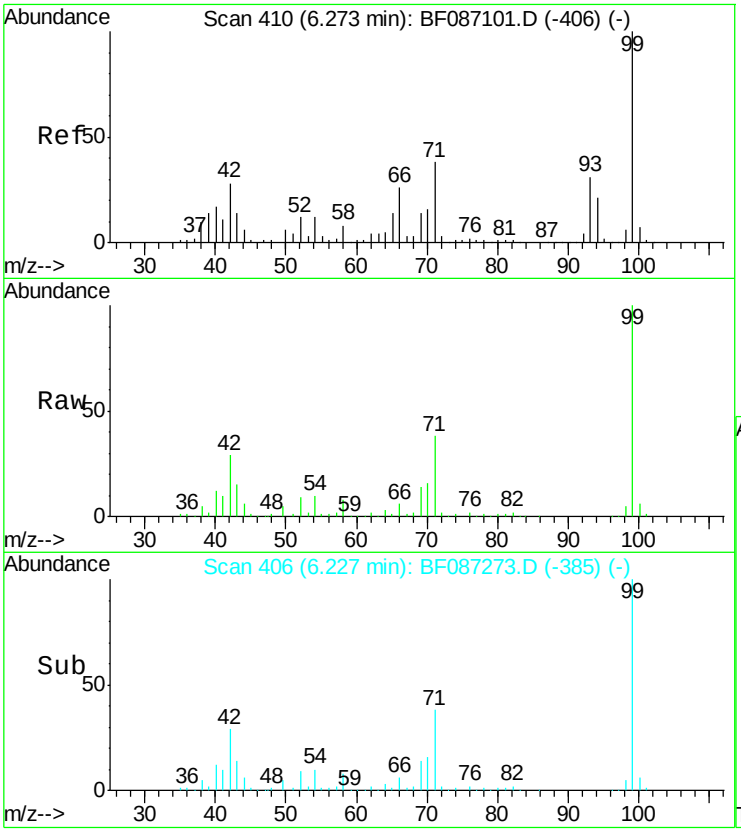


#5
2-Fluorophenol
Concen: 65.99 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:112 Resp: 502399

Ion	Ratio	Lower	Upper
112	100		
64	67.6	52.1	78.1
63	37.9	25.7	38.5



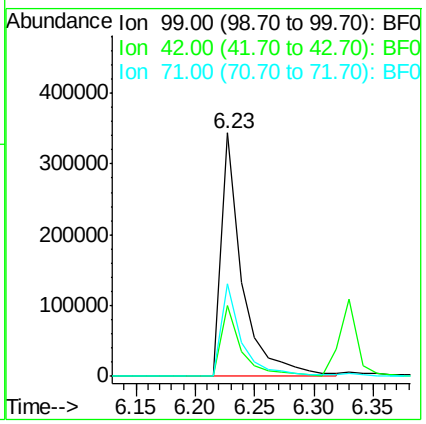


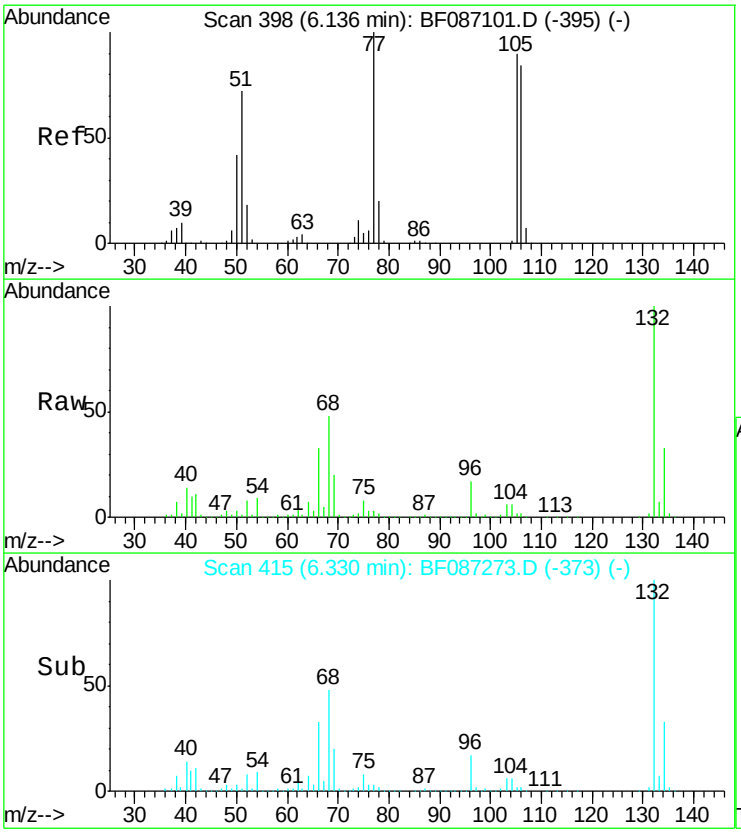
#7
Phenol-d6
Concen: 40.84 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion: 99 Resp: 417058

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	38.2	24.6	36.8#

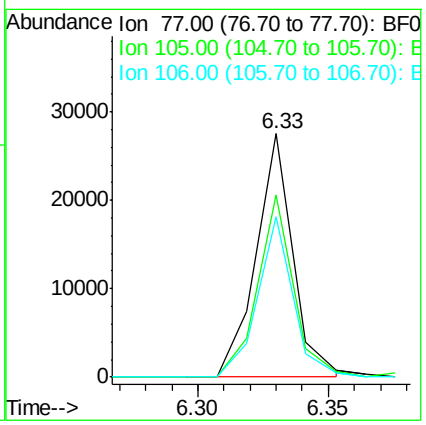


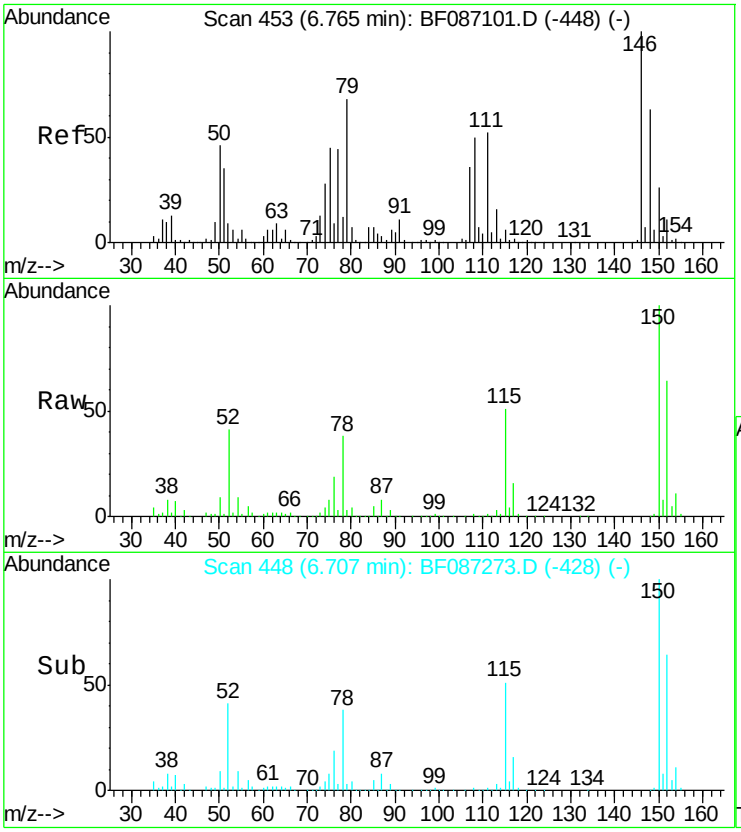


#9
Benzaldehyde
Concen: 3.69 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.18 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion: 77 Resp: 27167

Ion	Ratio	Lower	Upper
77	100		
105	75.0	72.7	112.7
106	65.8	70.8	110.8#



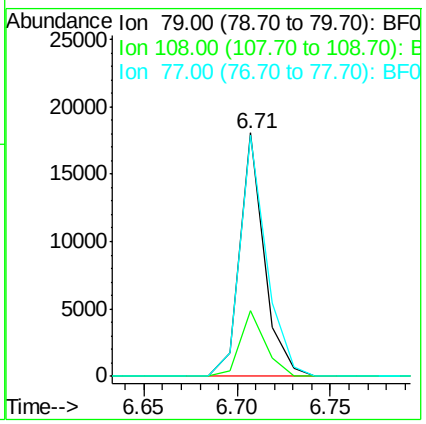


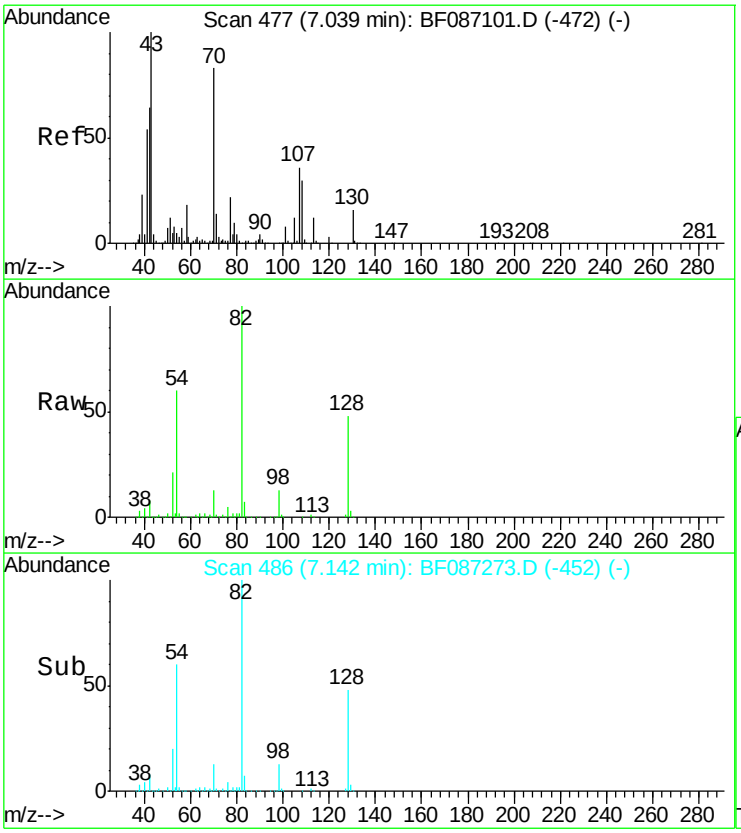
#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion: 79 Resp: 16483

Ion	Ratio	Lower	Upper
79	100		
108	27.0	68.4	102.6#
77	99.1	50.6	76.0#

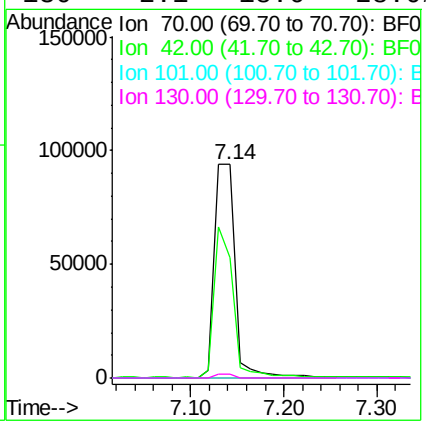


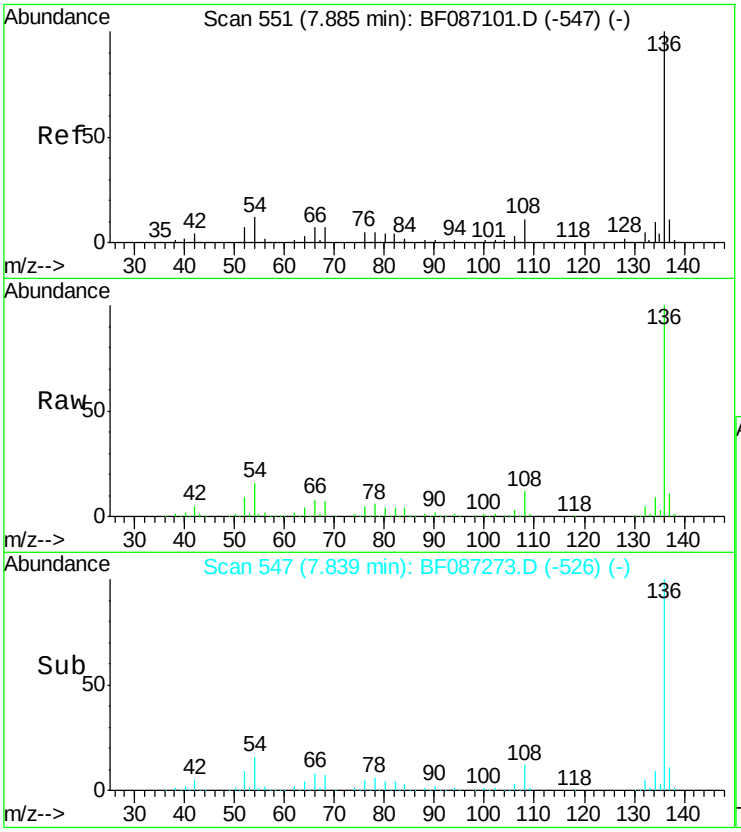


#19
n-Nitroso-di-n-propylamine
Concen: 18.64 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.09 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion: 70 Resp: 144664

Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#



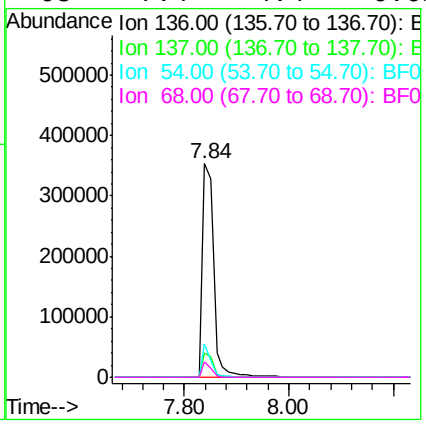


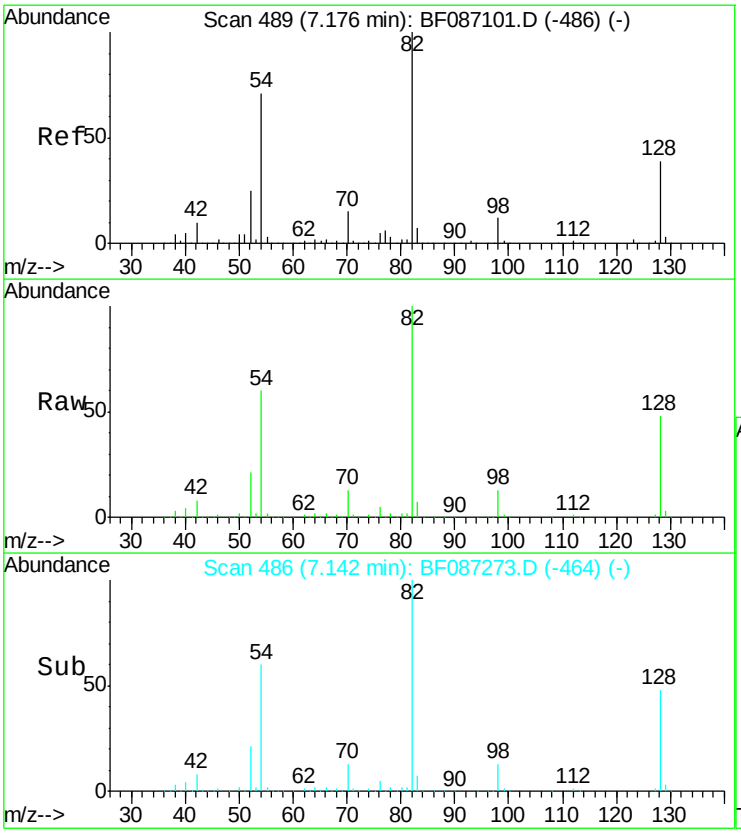
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:136 Resp: 531773

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	15.7	5.0	7.4#
68	7.4	4.4	6.6#

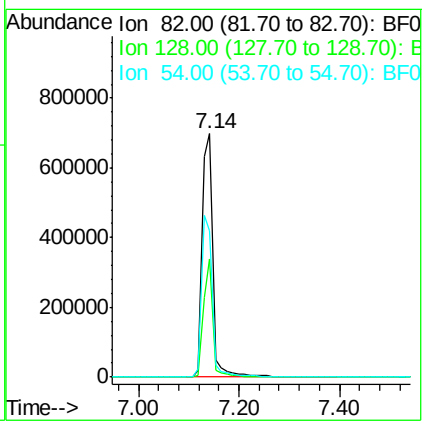


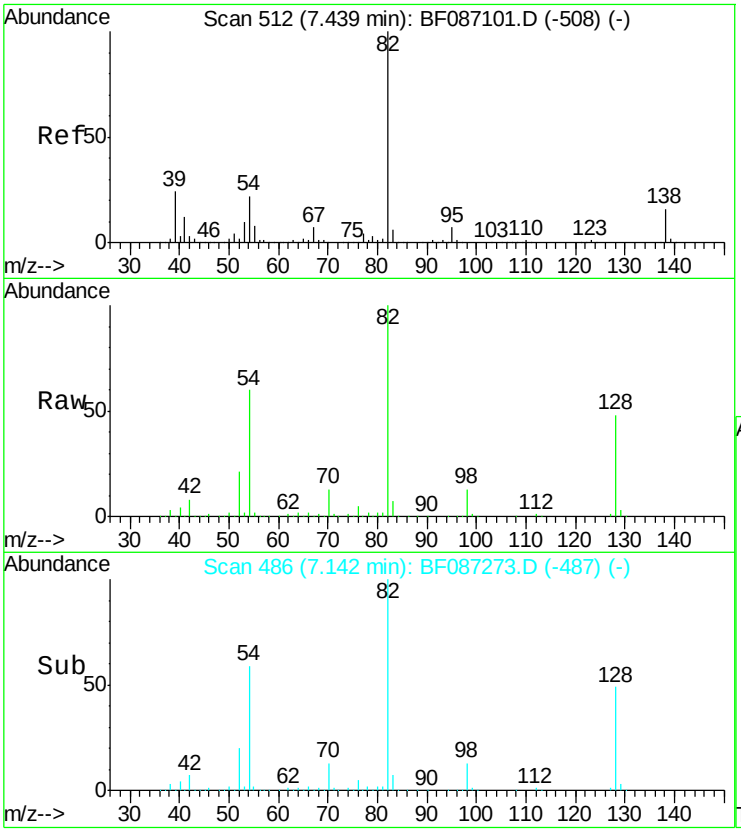


#23
Nitrobenzene-d5
Concen: 96.83 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion: 82 Resp: 1033171

Ion	Ratio	Lower	Upper
82	100		
128	48.4	40.6	61.0
54	60.0	38.1	57.1#



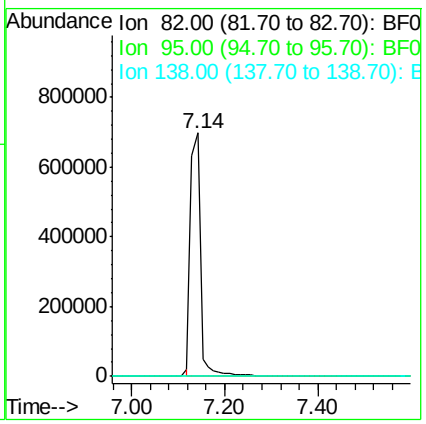


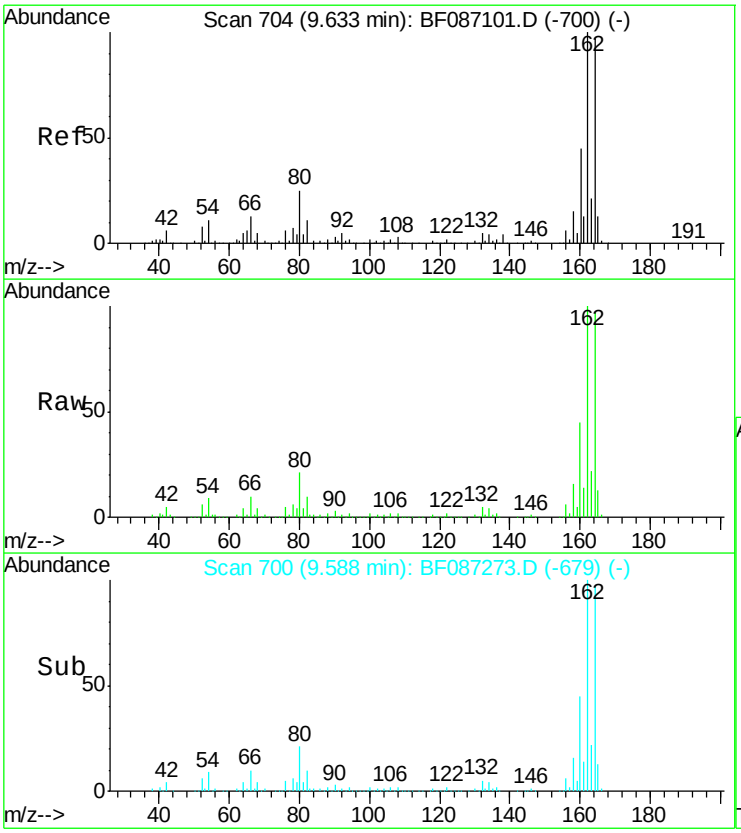
#25
Isophorone
Concen: 51.70 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.31 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion: 82 Resp: 1009778

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

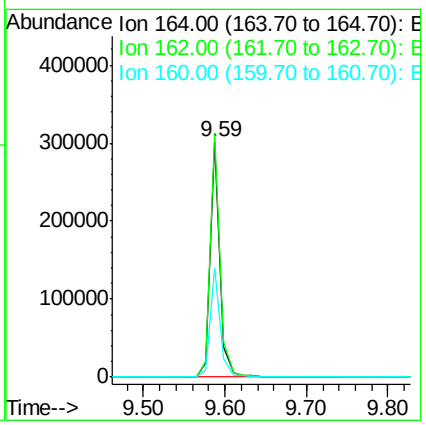


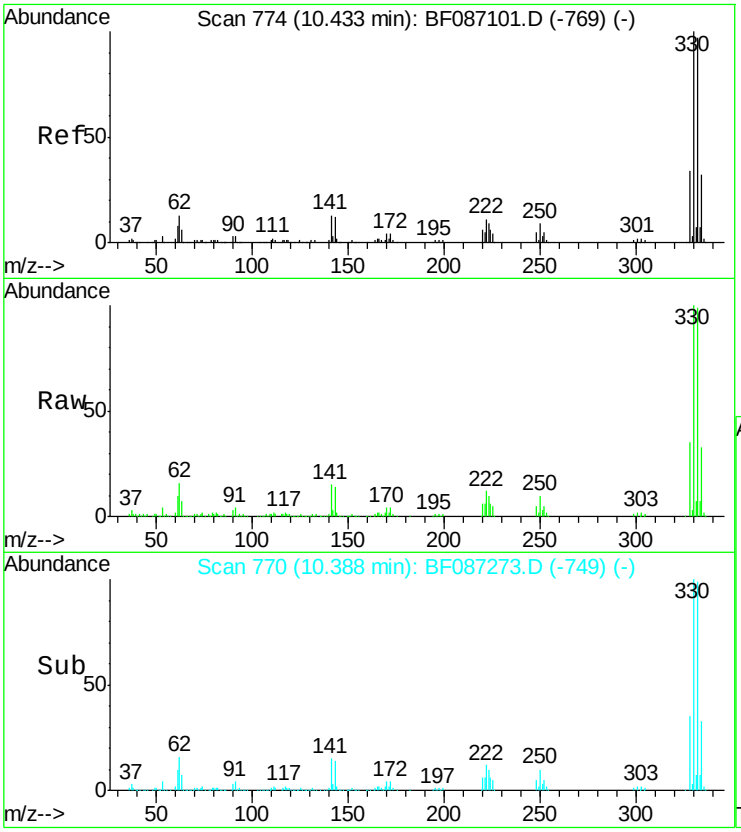


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:164 Resp: 254290

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	46.5	36.9	55.3



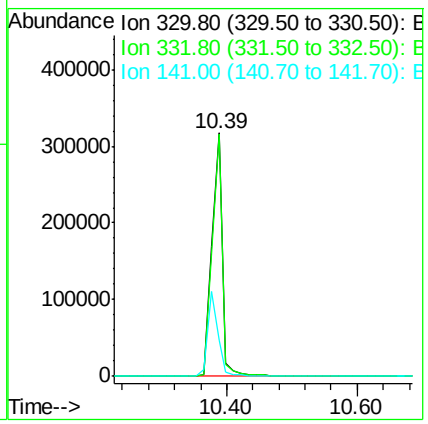


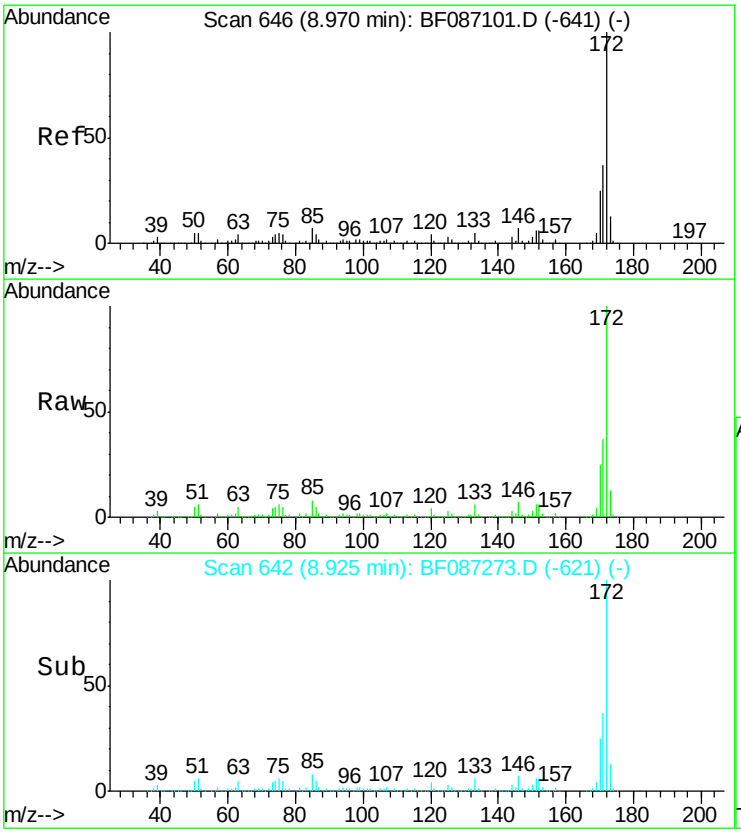
#41
2,4,6-Tribromophenol
Concen: 128.94 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:330 Resp: 362317

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	33.9	31.2	46.8

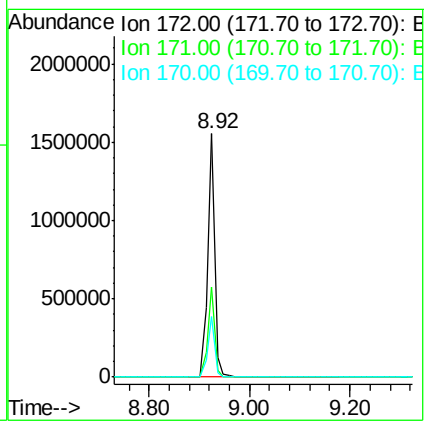


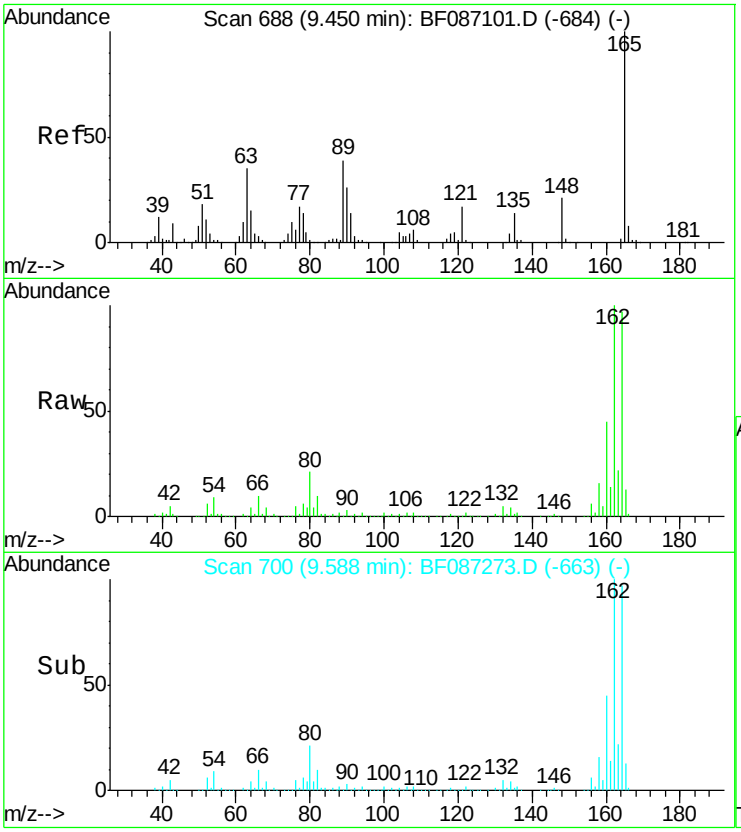


#44
2-Fluorobiphenyl
Concen: 97.97 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:172 Resp: 1504286

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8



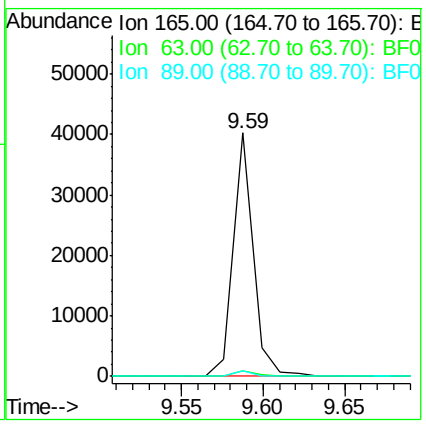


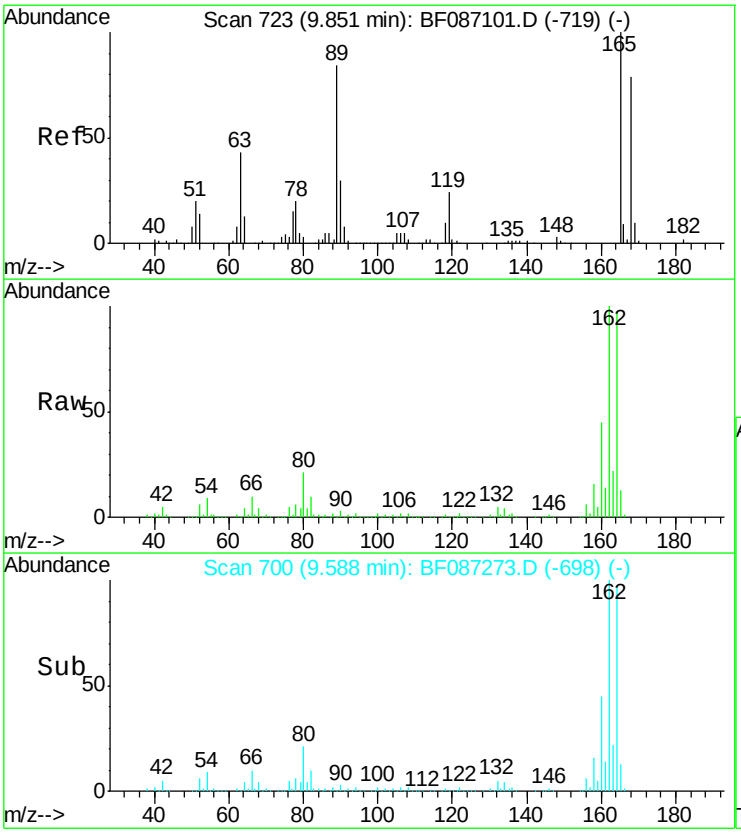
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.13 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:165 Resp: 33621

Ion	Ratio	Lower	Upper
165	100		
63	2.2	51.8	77.8#
89	2.2	50.7	76.1#

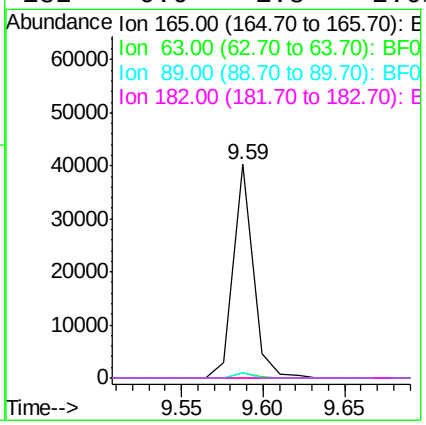


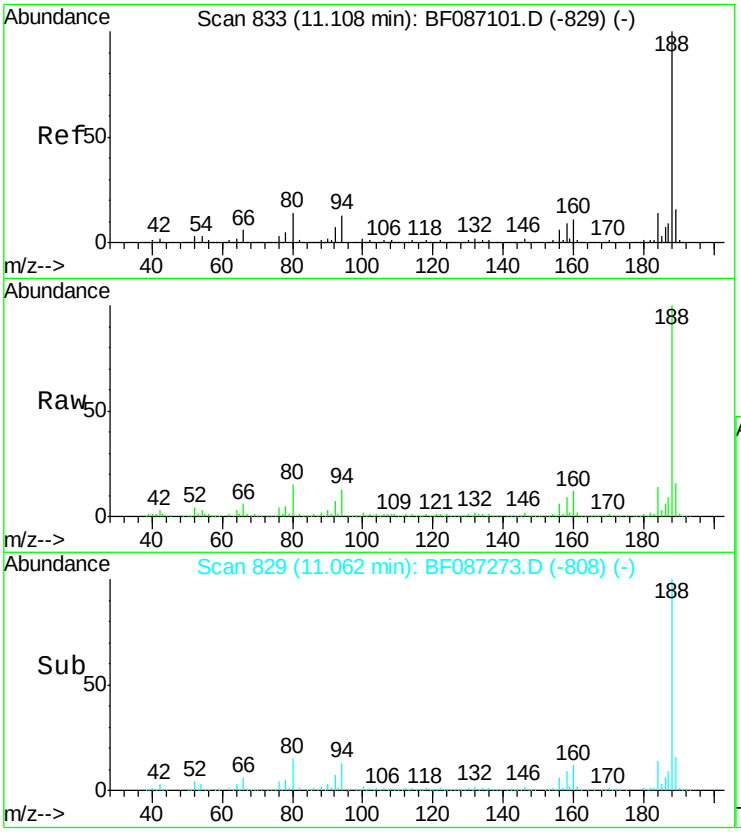


#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:165 Resp: 33621

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



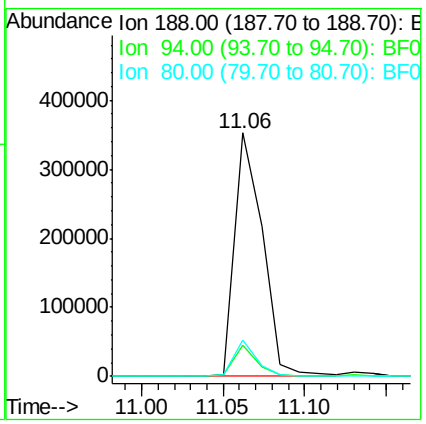


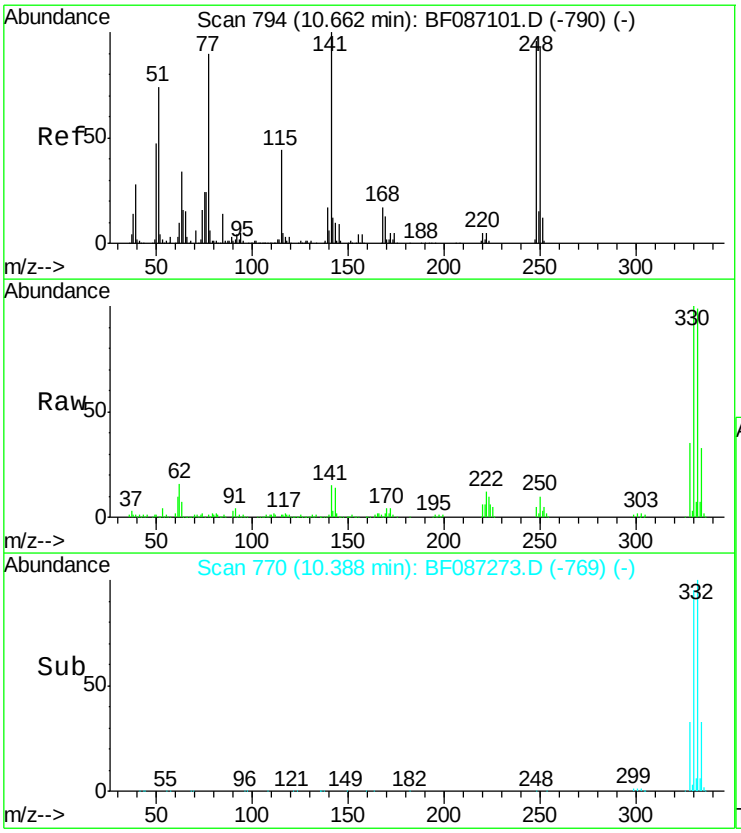
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:188 Resp: 412835

Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.8	10.2#
80	14.8	7.1	10.7#

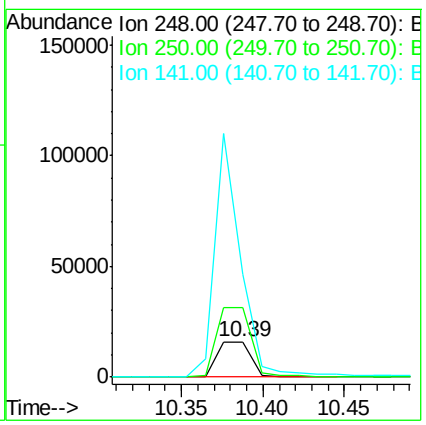


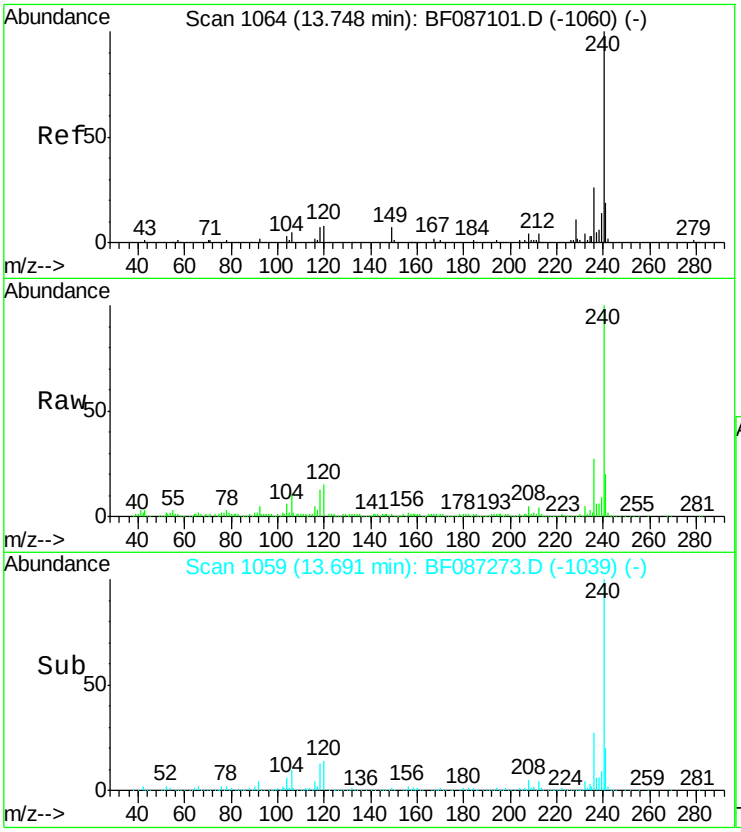


#66
4-Bromophenyl-phenylether
Concen: 5.45 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.29 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:248 Resp: 23129

Ion	Ratio	Lower	Upper
248	100		
250	194.3	78.6	117.8#
141	290.8	76.0	114.0#



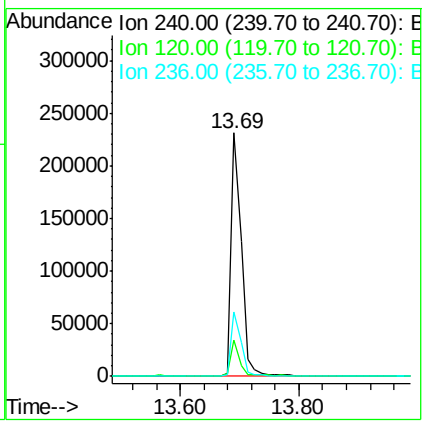


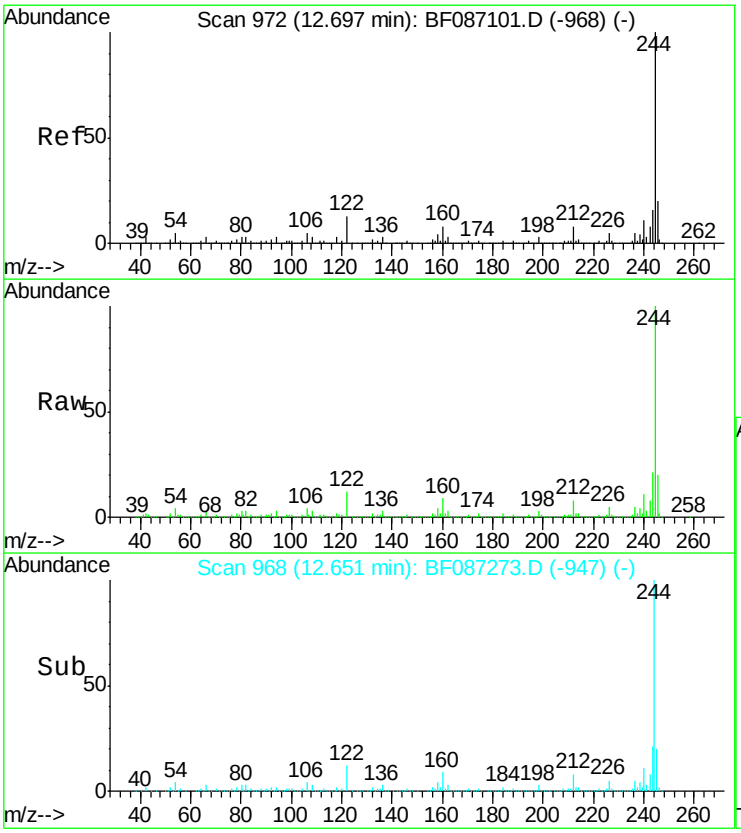
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.07 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:240 Resp: 274690

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.6	21.2	31.8

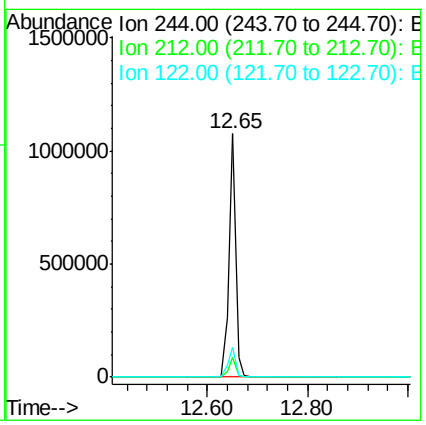


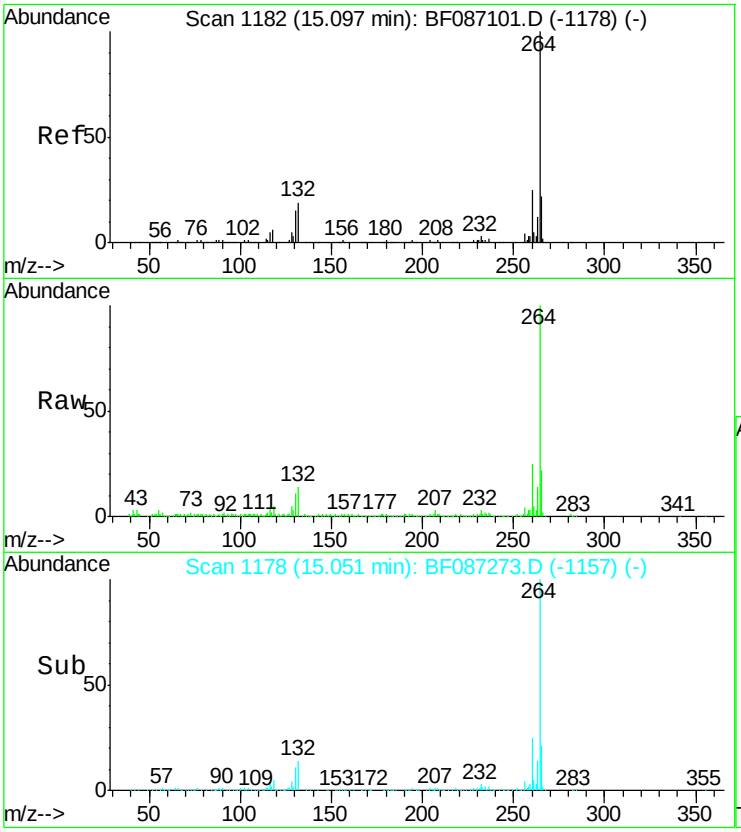


#78
Terphenyl-d14
Concen: 82.35 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Tgt Ion:244 Resp: 1000032

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF087273.D
Acq: 21 May 2016 15:24

Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:264 Resp: 239690

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	17.3	25.9