Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

Quantitation Report (Not Reviewed)

Data File : BF100019.D
Acq On : 31 Oct 2017 22:16
Operator : SJ/JU
Sample : I6056-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-1

Quant Time: Nov 01 08:17:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87928	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	358777	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	161073	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	274557	20.00	ng		0.00
75) Chrysene-d12	13.98	240	166727	20.00	ng		0.00
86) Perylene-d12	15.47	264	167302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	307867	54.97	ng		0.00
7) Phenol-d6	6.43	99	242595	36.53	ng		0.00
23) Nitrobenzene-d5	7.36	82	464758	83.40	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	143392	97.69	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	941118	90.15	ng		0.00
78) Terphenyl-d14	12.91	244	707001	92.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	5419	2.19	ng	#	90
9) Benzaldehyde	6.56	77	8429	2.12	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	57335	14.73	ng	#	70
25) Isophorone	7.36	82	464758	45.96	ng	#	64
49) Dimethylphthalate	9.54	163	41221	3.23	ng		100
50) 2,6-Dinitrotoluene	9.82	165	20638	7.70	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	20638	6.39	ng	#	21
66) 4-Bromophenyl-phenylether	10.62	248	9353	3.24	ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

Quantitation Report (Not Reviewed)

Data File : BF100019.D
Acq On : 31 Oct 2017 22:16
Operator : SJ/JU
Sample : I6056-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Nov 01 08:17:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
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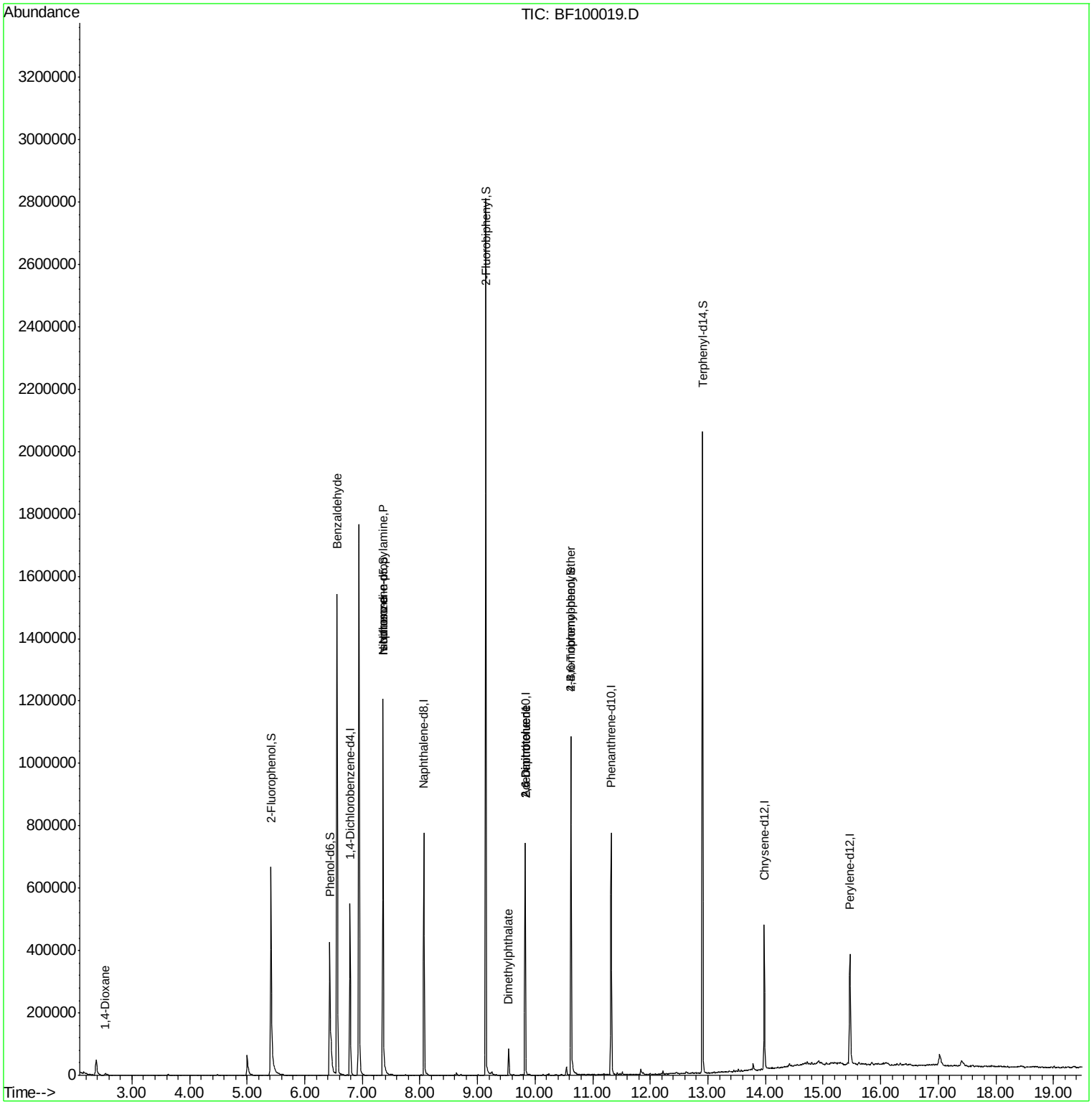
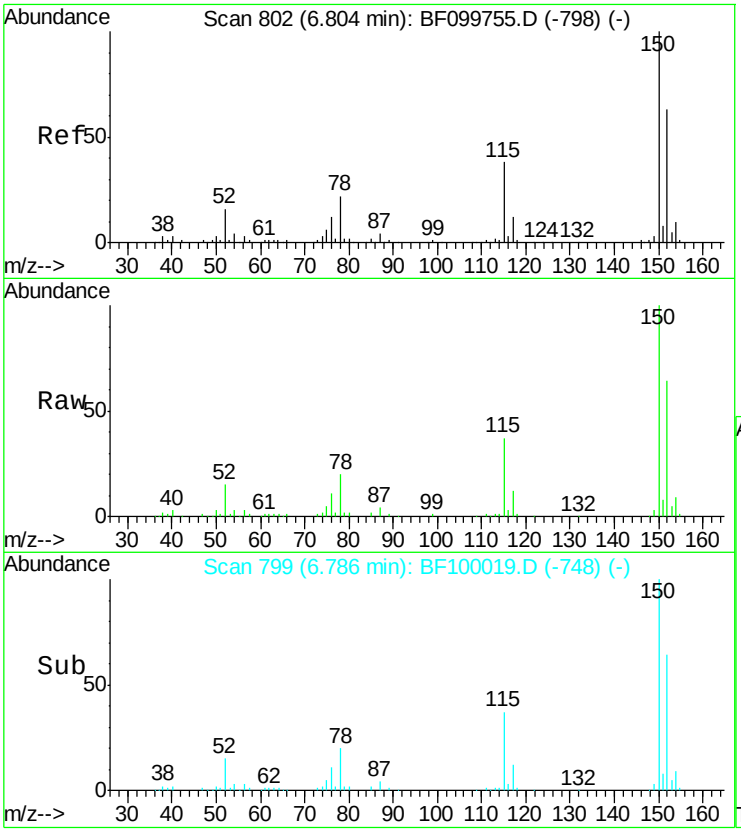


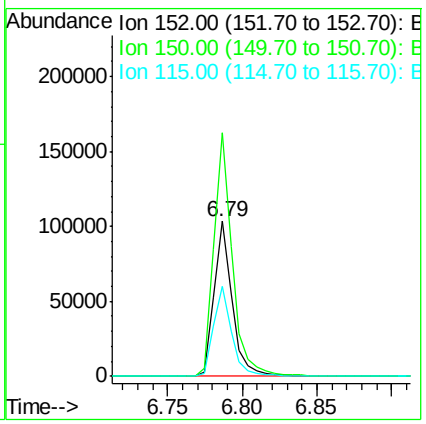


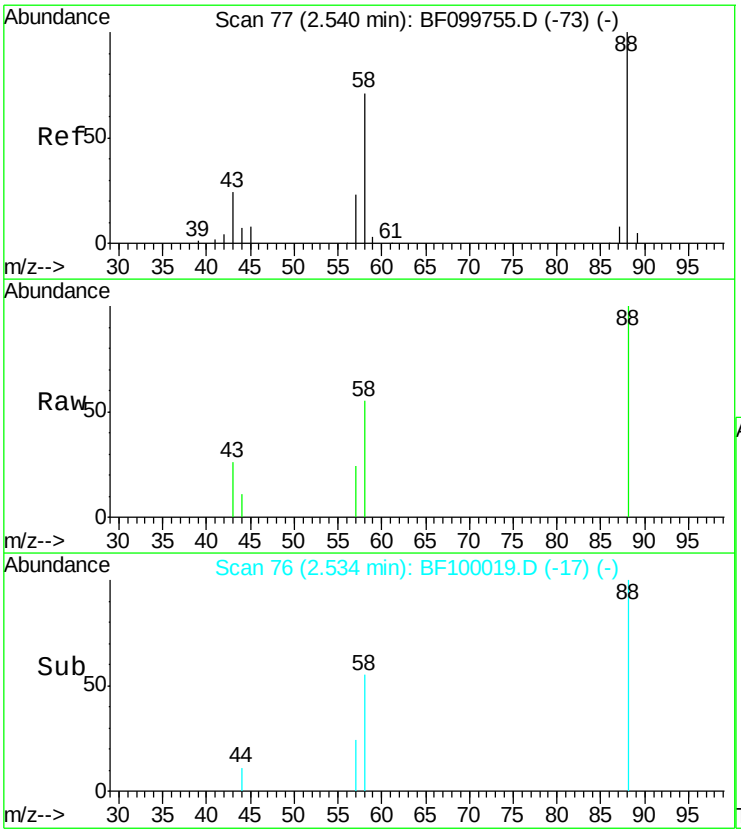
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:152 Resp: 87928

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	58.4	50.1	75.1

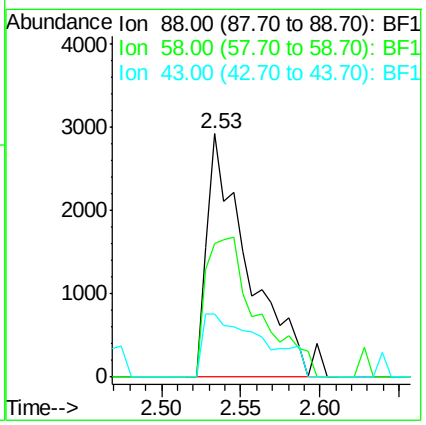


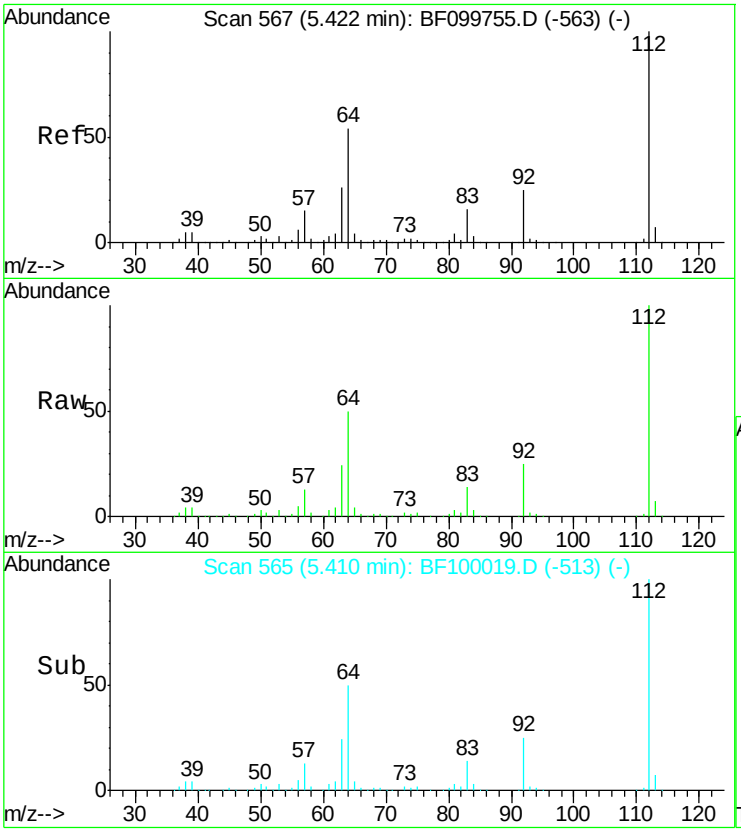


#2
1,4-Dioxane
Concen: 2.19 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.05 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion: 88 Resp: 5419

Ion	Ratio	Lower	Upper
88	100		
58	70.5	62.6	93.8
43	37.0	24.6	37.0#



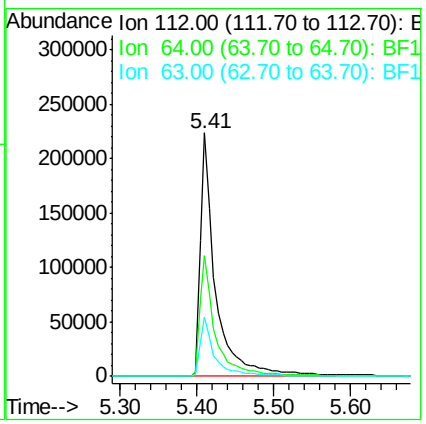


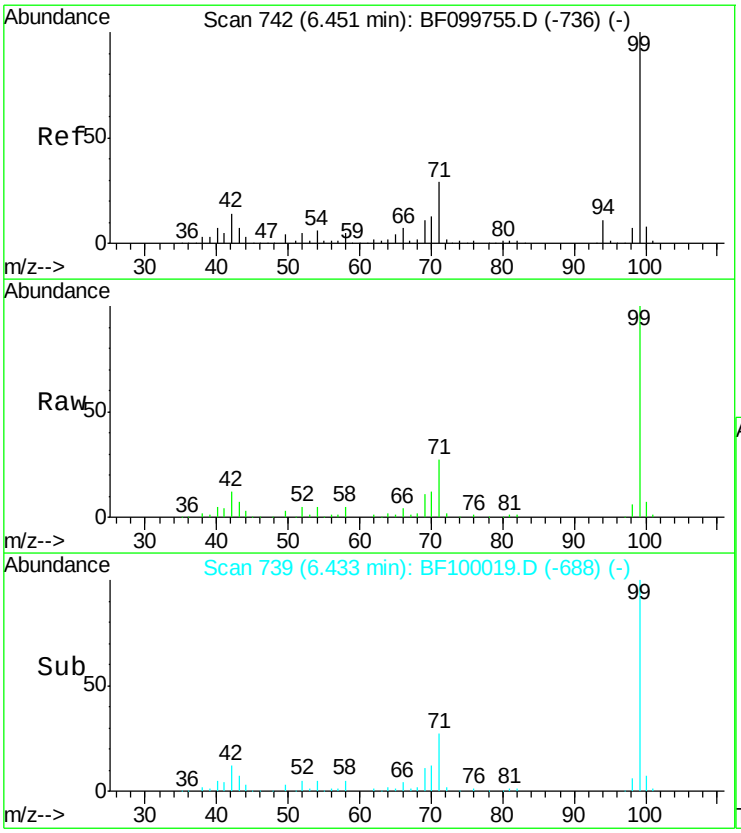
#5
2-Fluorophenol
Concen: 54.97 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:112 Resp: 307867

Ion	Ratio	Lower	Upper
112	100		
64	49.7	47.9	71.9
63	24.4	23.7	35.5

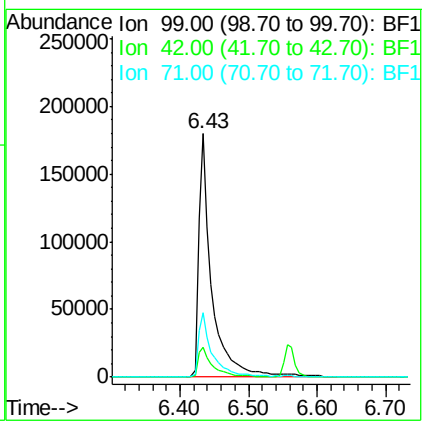


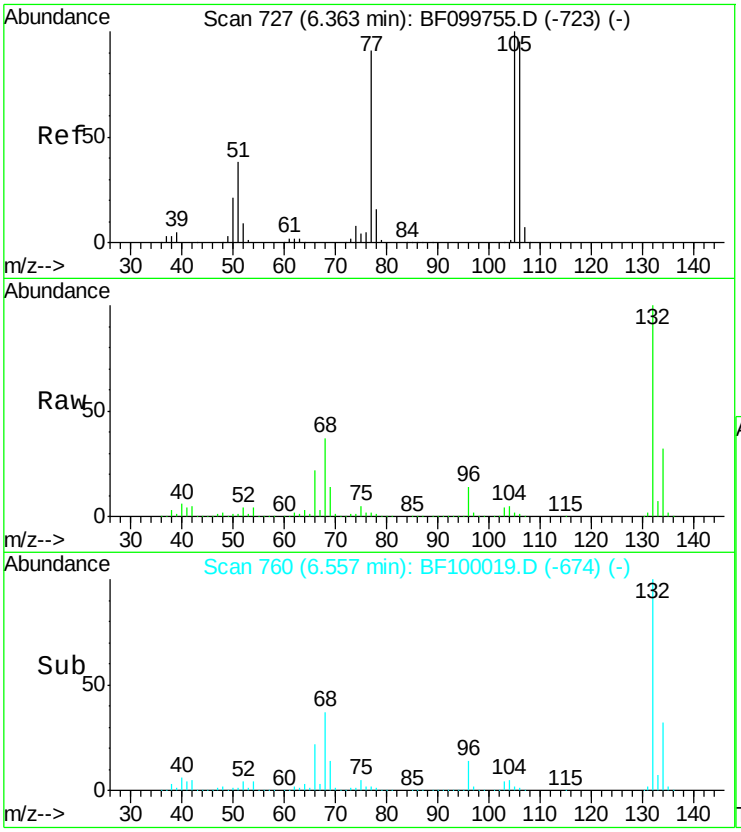


#7
Phenol-d6
Concen: 36.53 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion: 99 Resp: 242595

Ion	Ratio	Lower	Upper
99	100		
42	12.3	14.5	21.7#
71	26.7	25.4	38.0



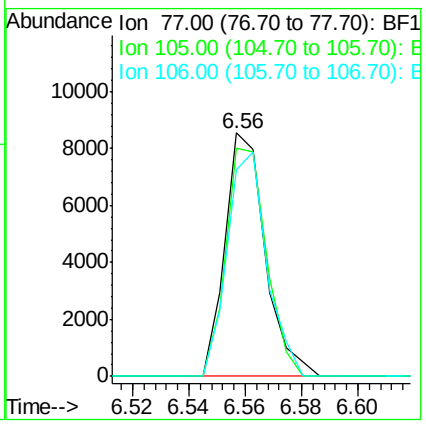


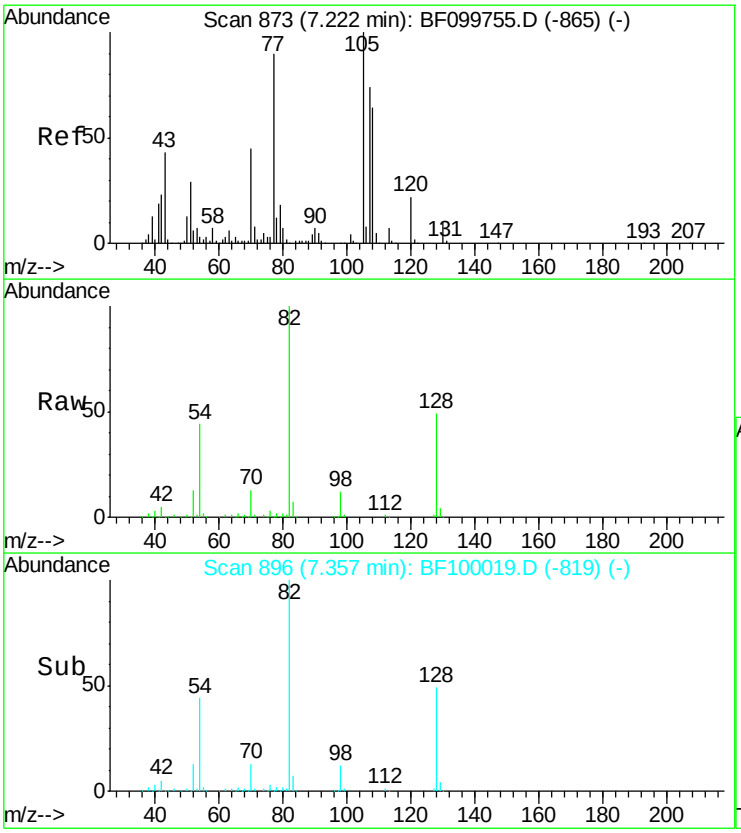
#9
Benzaldehyde
Concen: 2.12 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.21 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion: 77 Resp: 8429

Ion	Ratio	Lower	Upper
77	100		
105	93.6	81.1	121.1
106	85.0	74.5	114.5

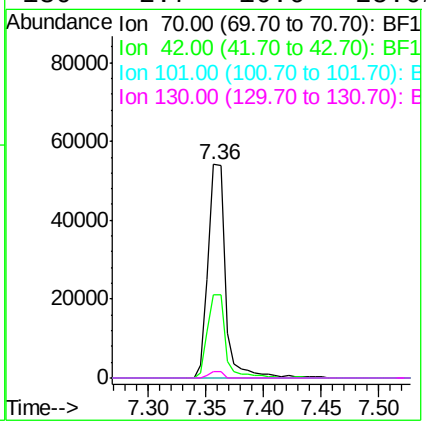


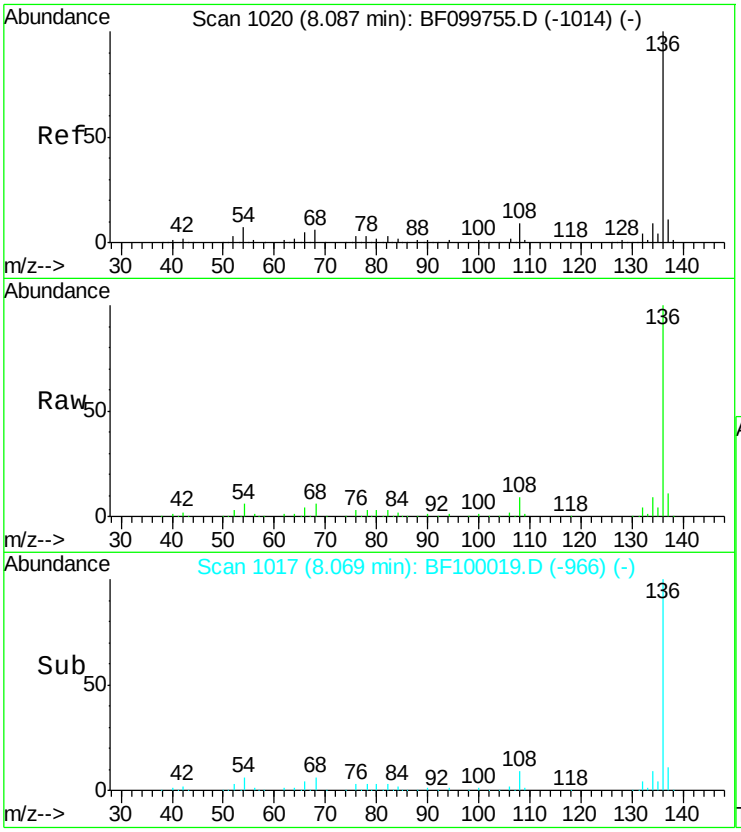


#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion: 70 Resp: 57335

Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



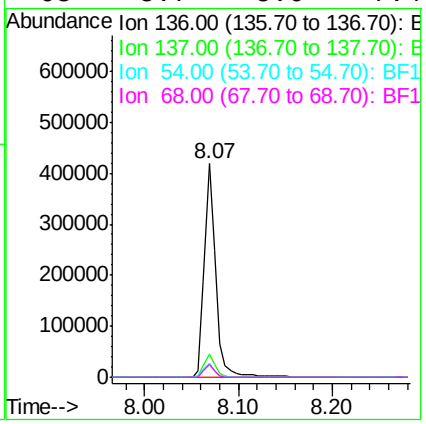


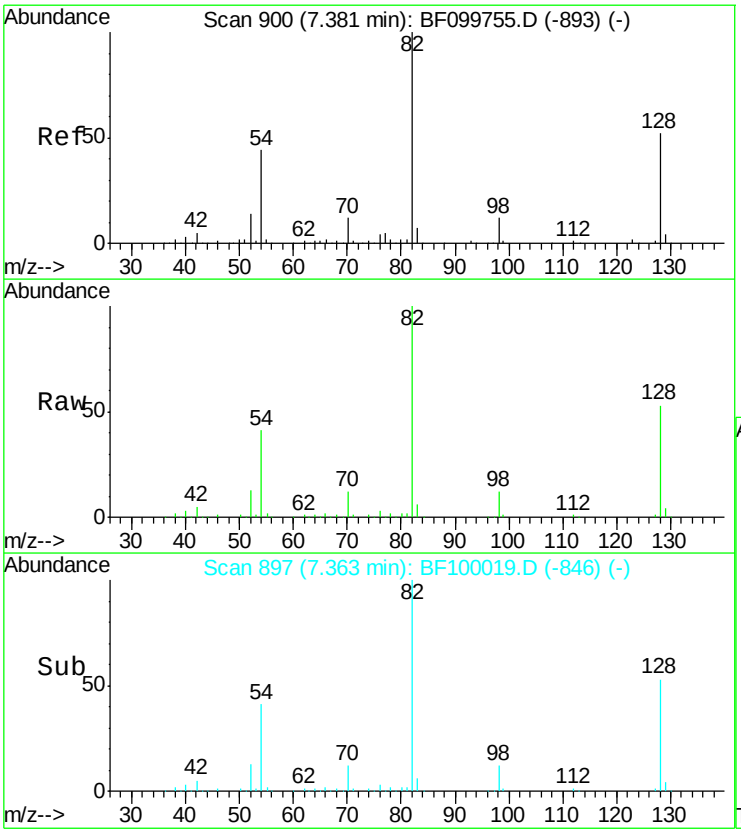
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:136 Resp: 358777

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	6.6	9.8#
68	5.7	5.0	7.4

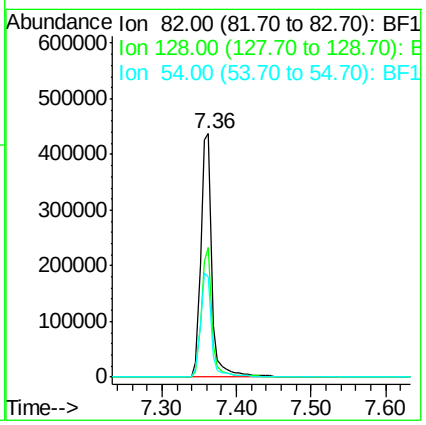


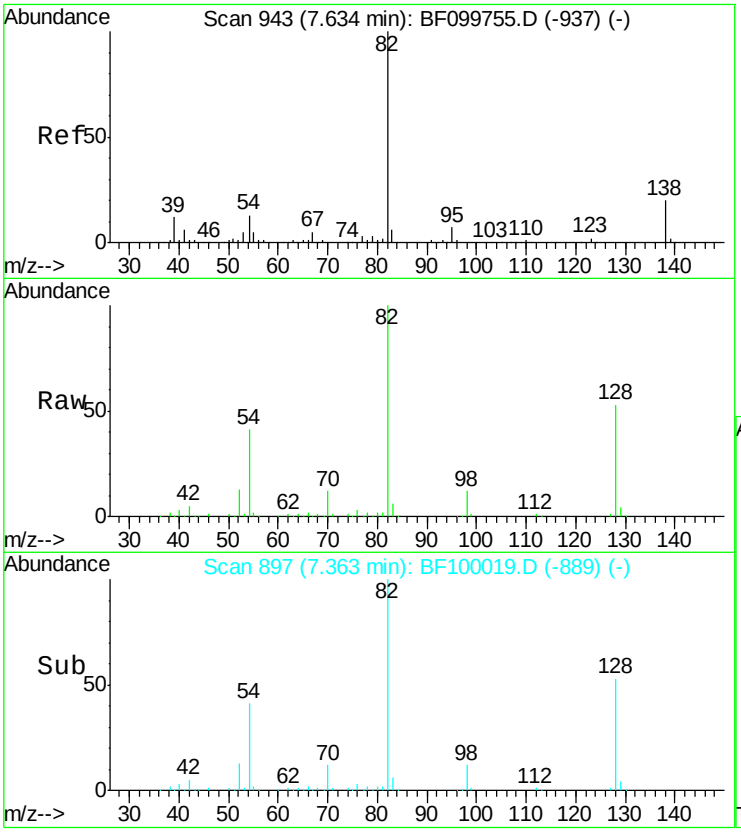


#23
Nitrobenzene-d5
Concen: 83.40 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion: 82 Resp: 464758

Ion	Ratio	Lower	Upper
82	100		
128	53.2	36.1	54.1
54	40.9	41.4	62.2#



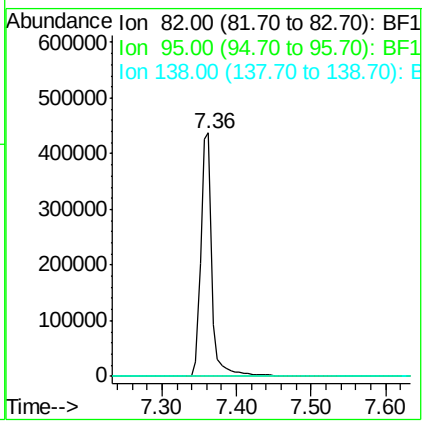


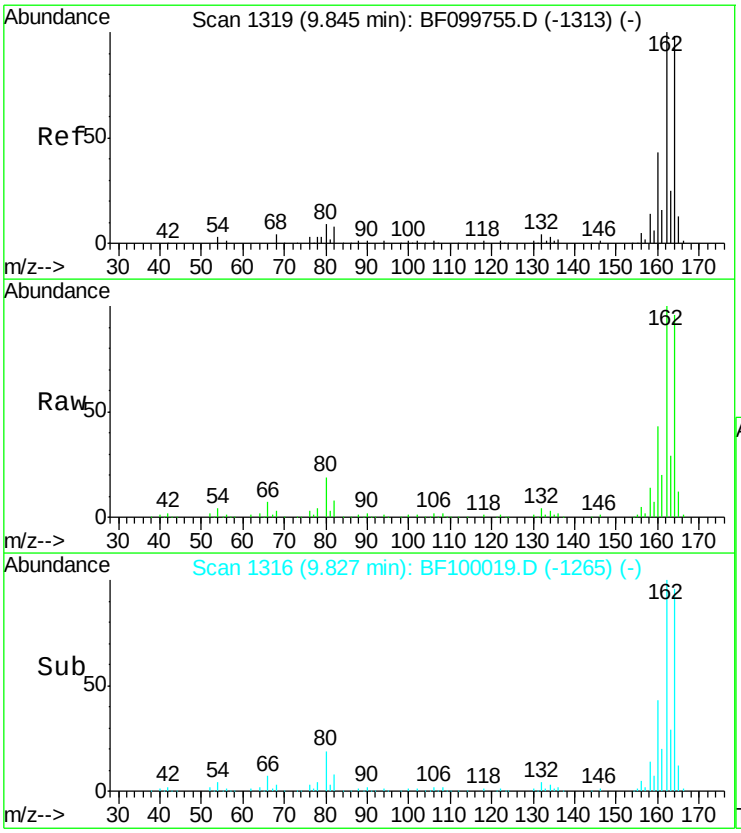
#25
Isophorone
Concen: 45.96 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion: 82 Resp: 464758

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

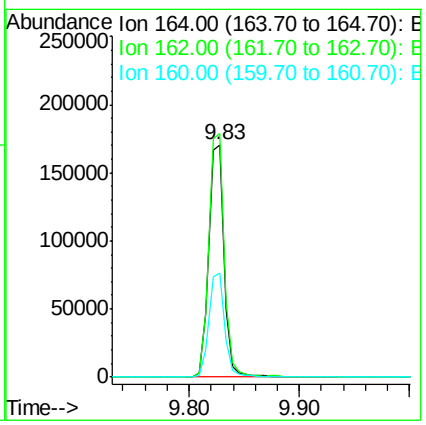


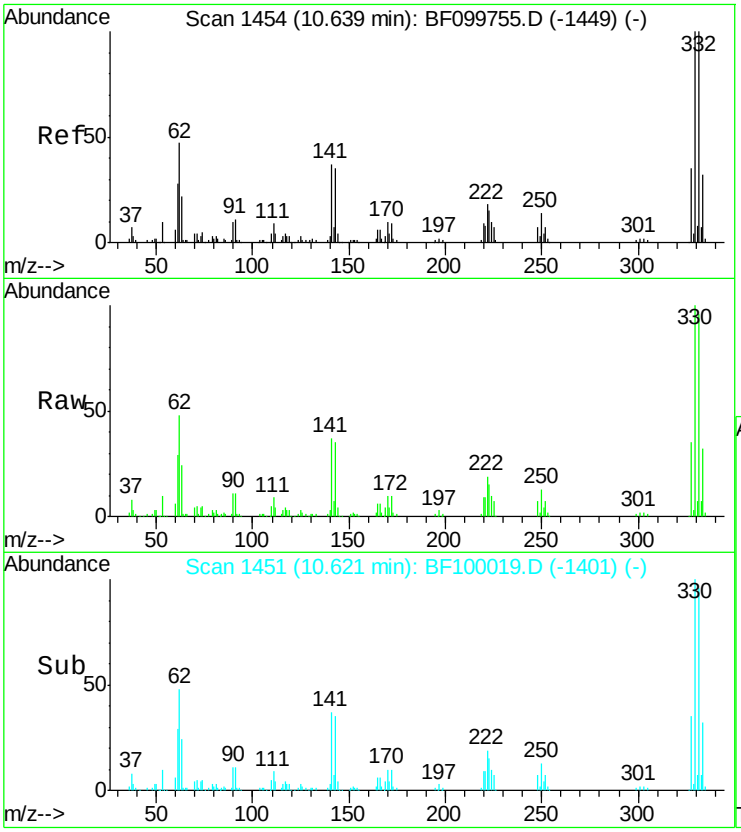


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:164 Resp: 161073

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.6	38.3	57.5



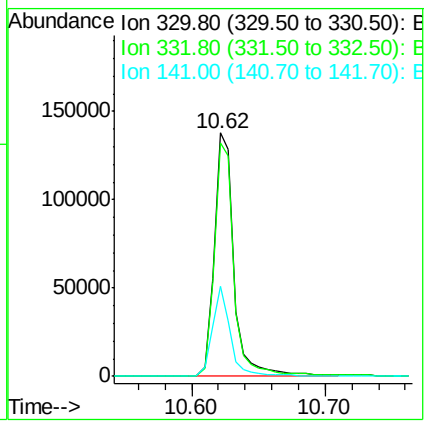


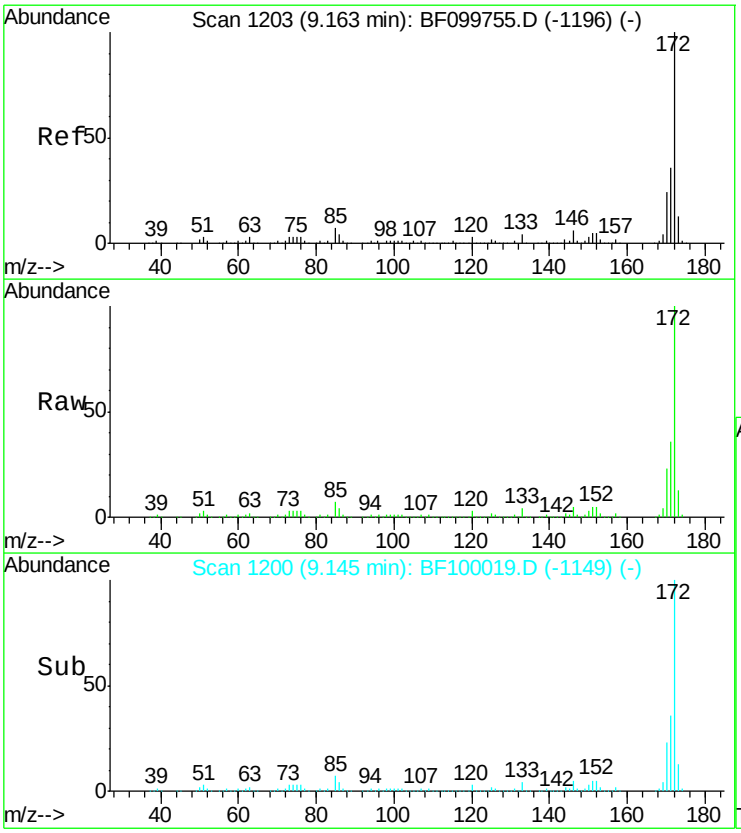
#41
2,4,6-Tribromophenol
Concen: 97.69 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:330 Resp: 143392

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.8	29.9	44.9

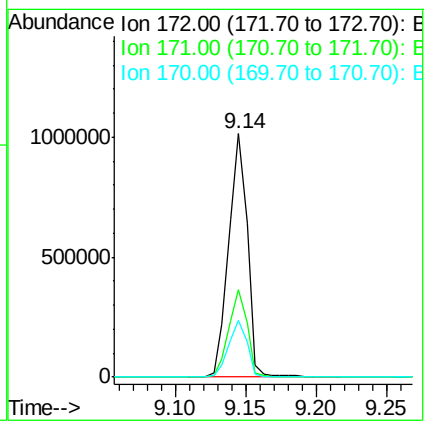


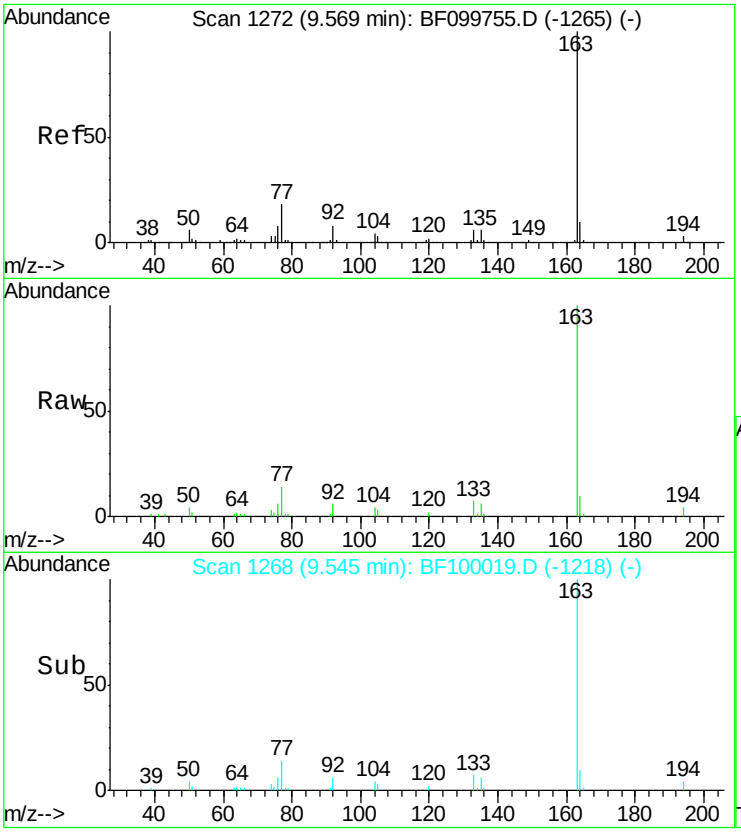


#44
2-Fluorobiphenyl
Concen: 90.15 ng
RT: 9.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:172 Resp: 941118

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4



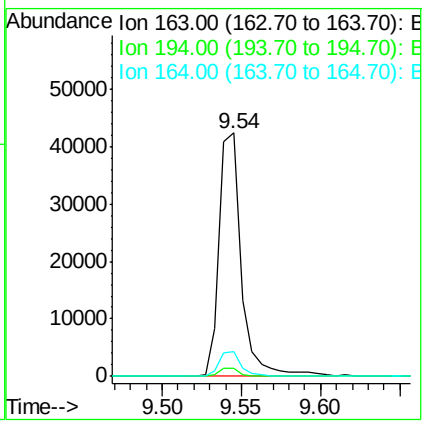


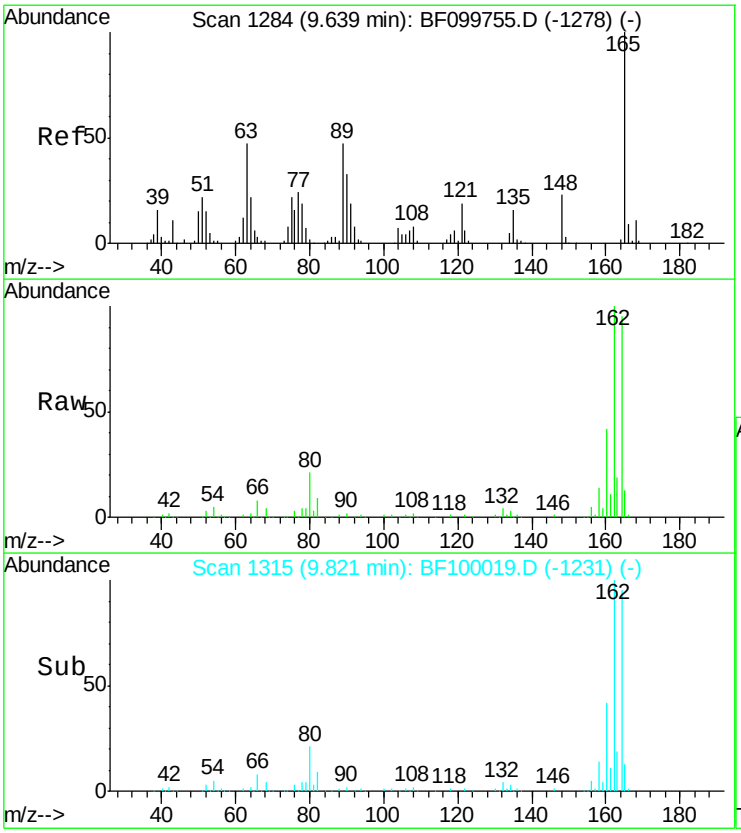
#49
Dimethylphthalate
Concen: 3.23 ng
RT: 9.54 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:163 Resp: 41221

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

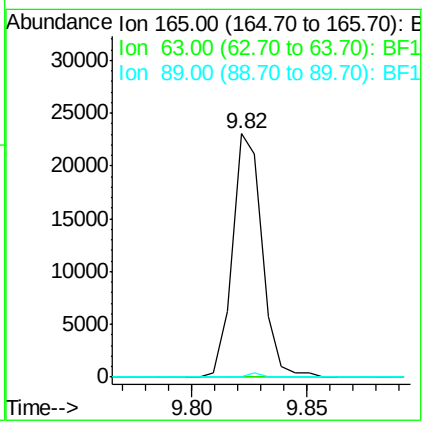


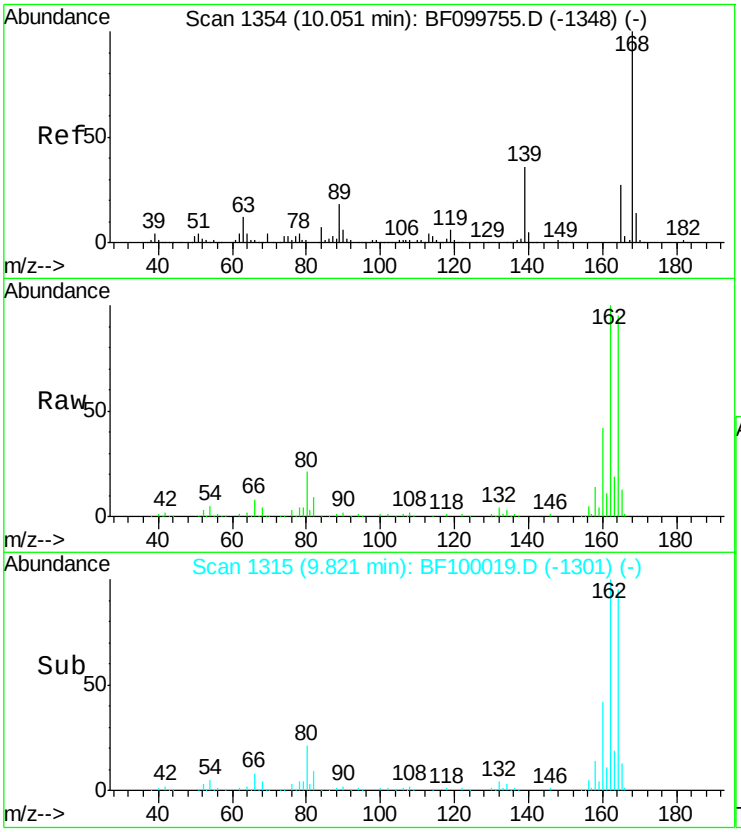


#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:165 Resp: 20638

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



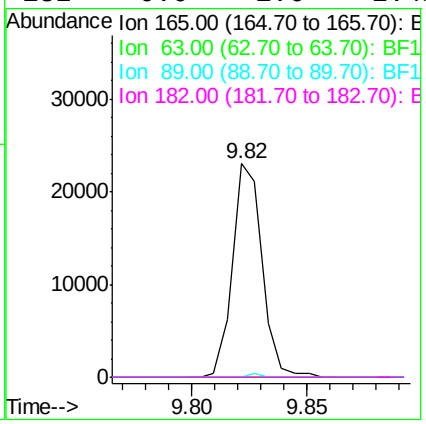


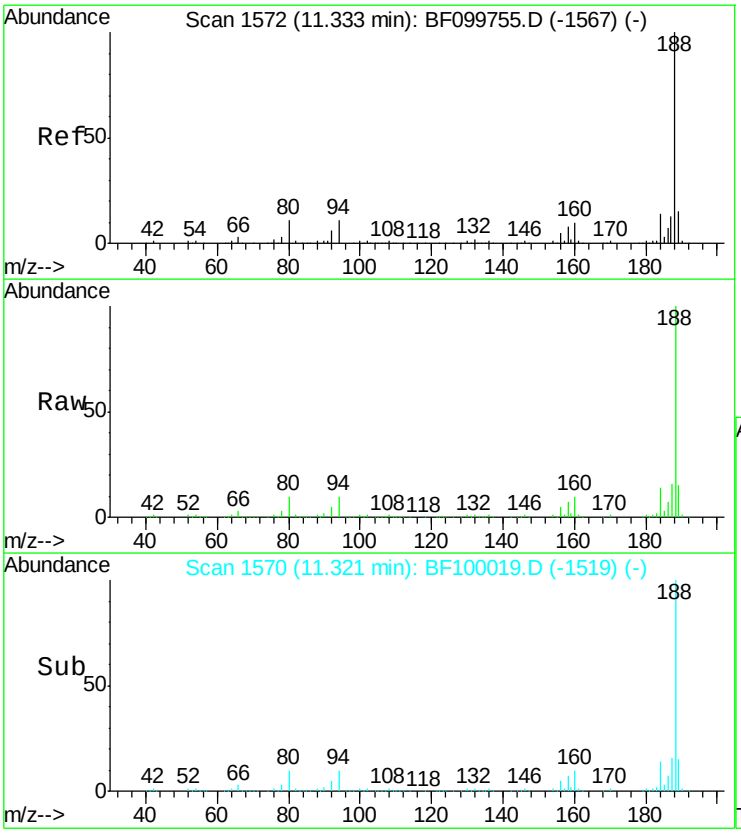
#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:165 Resp: 20638

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

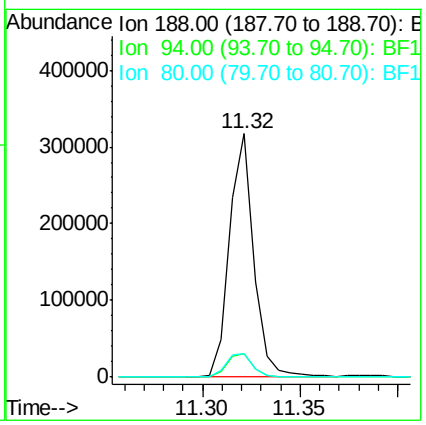


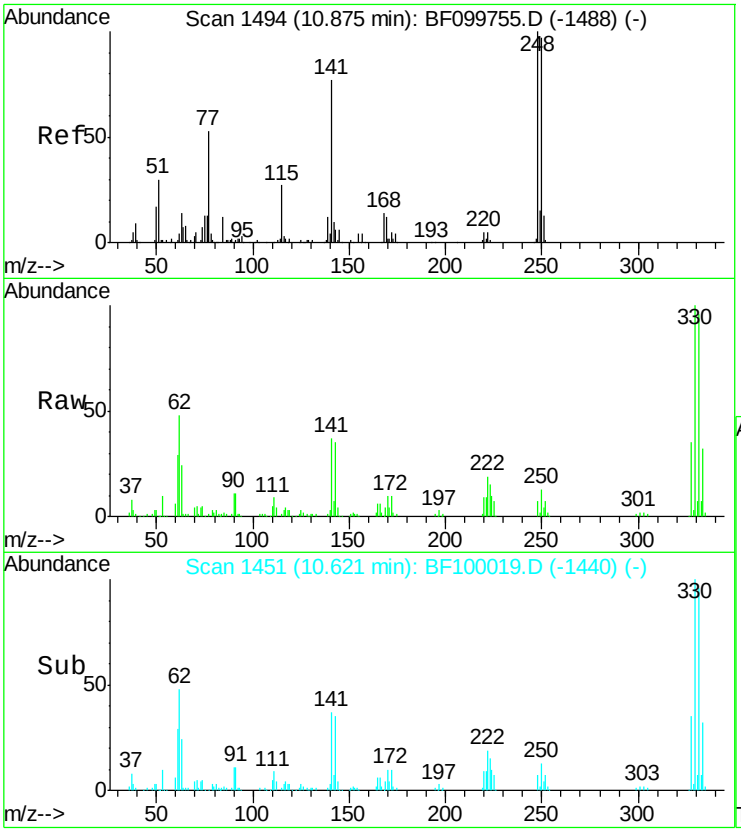


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:188 Resp: 274557

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.6	9.2	13.8



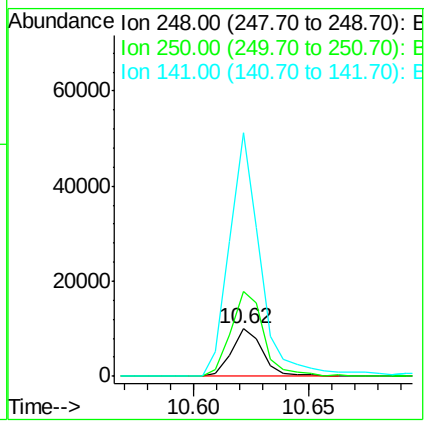


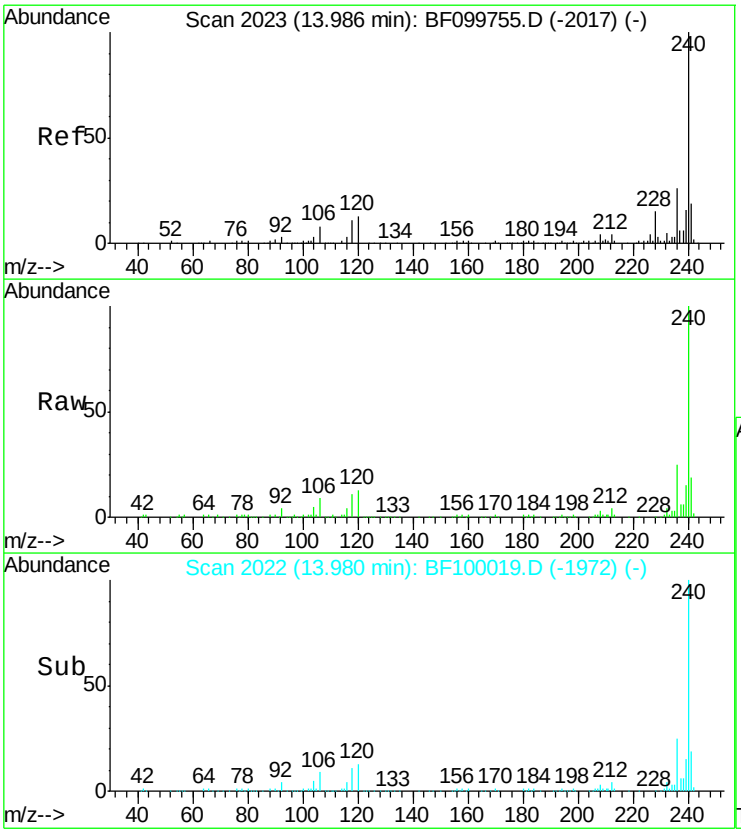
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:248 Resp: 9353

Ion	Ratio	Lower	Upper
248	100		
250	179.0	76.9	115.3#
141	510.7	74.4	111.6#

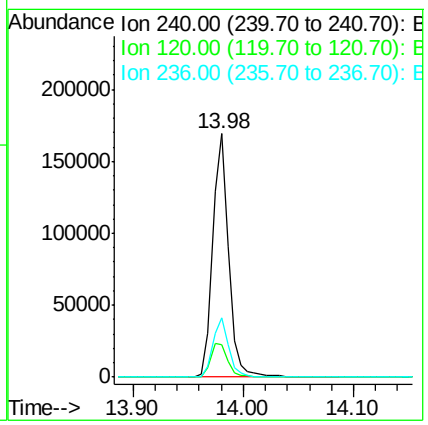


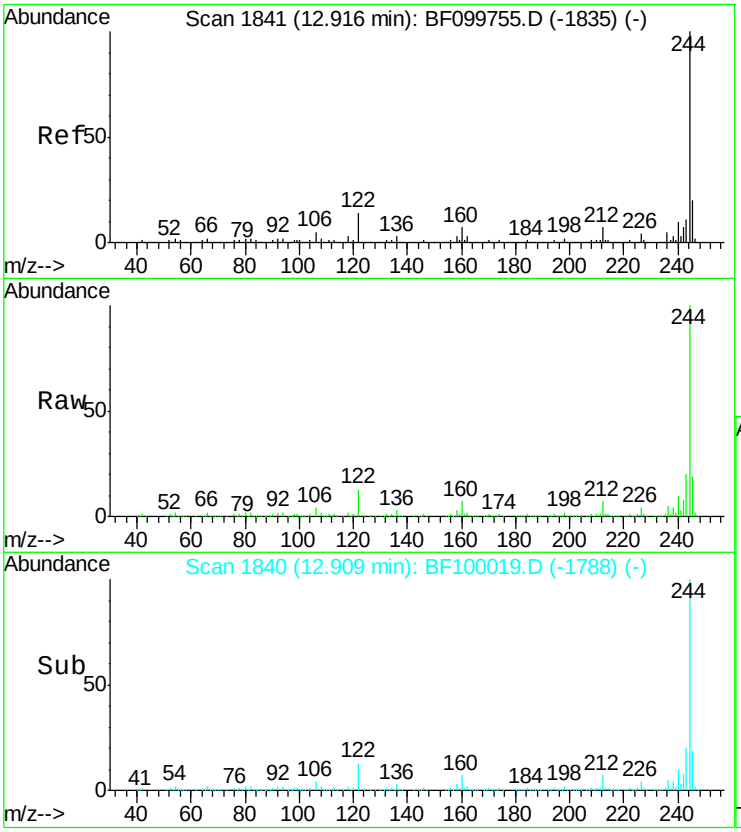


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:240 Resp: 166727

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	24.6	20.7	31.1



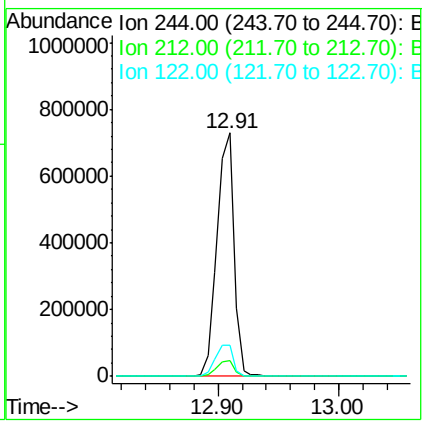


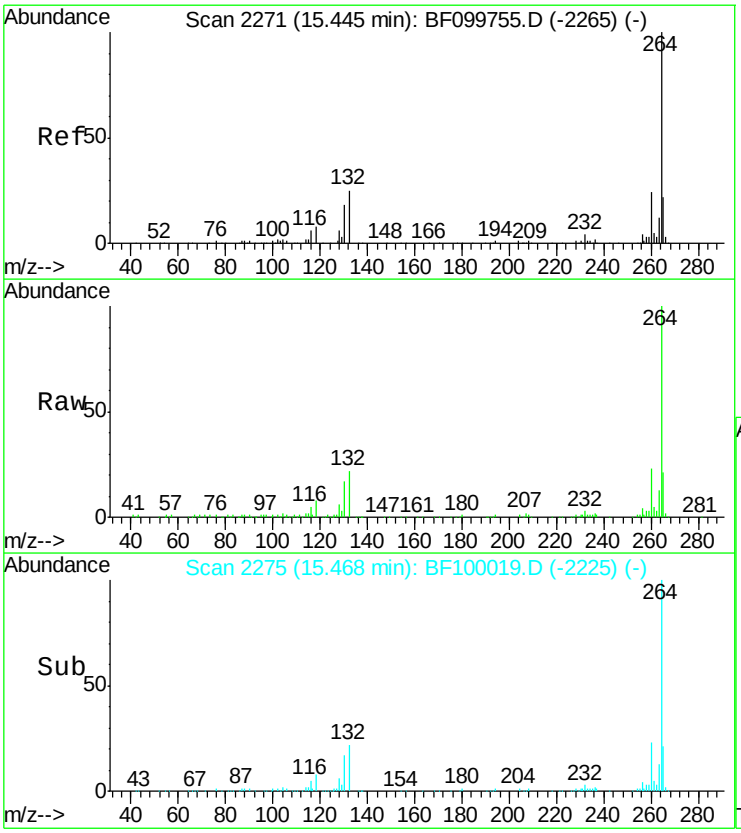
#78
Terphenyl-d14
Concen: 92.67 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Instrument :
BNA_F
ClientSampleId :
SW-1

Tgt Ion:244 Resp: 707001

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100019.D
Acq: 31 Oct 2017 22:16

Tgt Ion:264 Resp: 167302

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3