Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
Data File : BF113267.D
Acq On : 24 Mar 2019 14:52
Operator : JU/SJ
Sample : K2058-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3B(17-25)COMP

Quant Time: Mar 25 04:20:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	143161	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	544023	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	270852	20.00	ng		-0.02
64) Phenanthrene-d10	11.22	188	581925	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	513044	20.00	ng		-0.01
87) Perylene-d12	15.26	264	447886	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1101796	119.72	ng		-0.01
7) Phenol-d6	6.36	99	1433485	124.00	ng		-0.01
23) Nitrobenzene-d5	7.27	82	869211	95.61	ng		-0.02
42) 2,4,6-Tribromophenol	10.53	330	480567	167.13	ng		-0.02
45) 2-Fluorobiphenyl	9.07	172	1412364	86.91	ng		-0.02
79) Terphenyl-d14	12.81	244	1707710	64.52	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	35619	2.640	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	114864	15.688	ng	#	75
25) Isophorone	7.27	82	869205	44.378	ng	#	66
50) Dimethylphthalate	9.46	163	95536	4.784	ng		99
51) 2,6-Dinitrotoluene	9.75	165	33886	8.148	ng	#	18
57) 2,4-Dinitrotoluene	9.75	165	33886	6.555	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.53	198	785	4.909	ng	#	1
67) 4-Bromophenyl-phenylether	10.53	248	27394	4.469	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
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S3B(17-25)COMP

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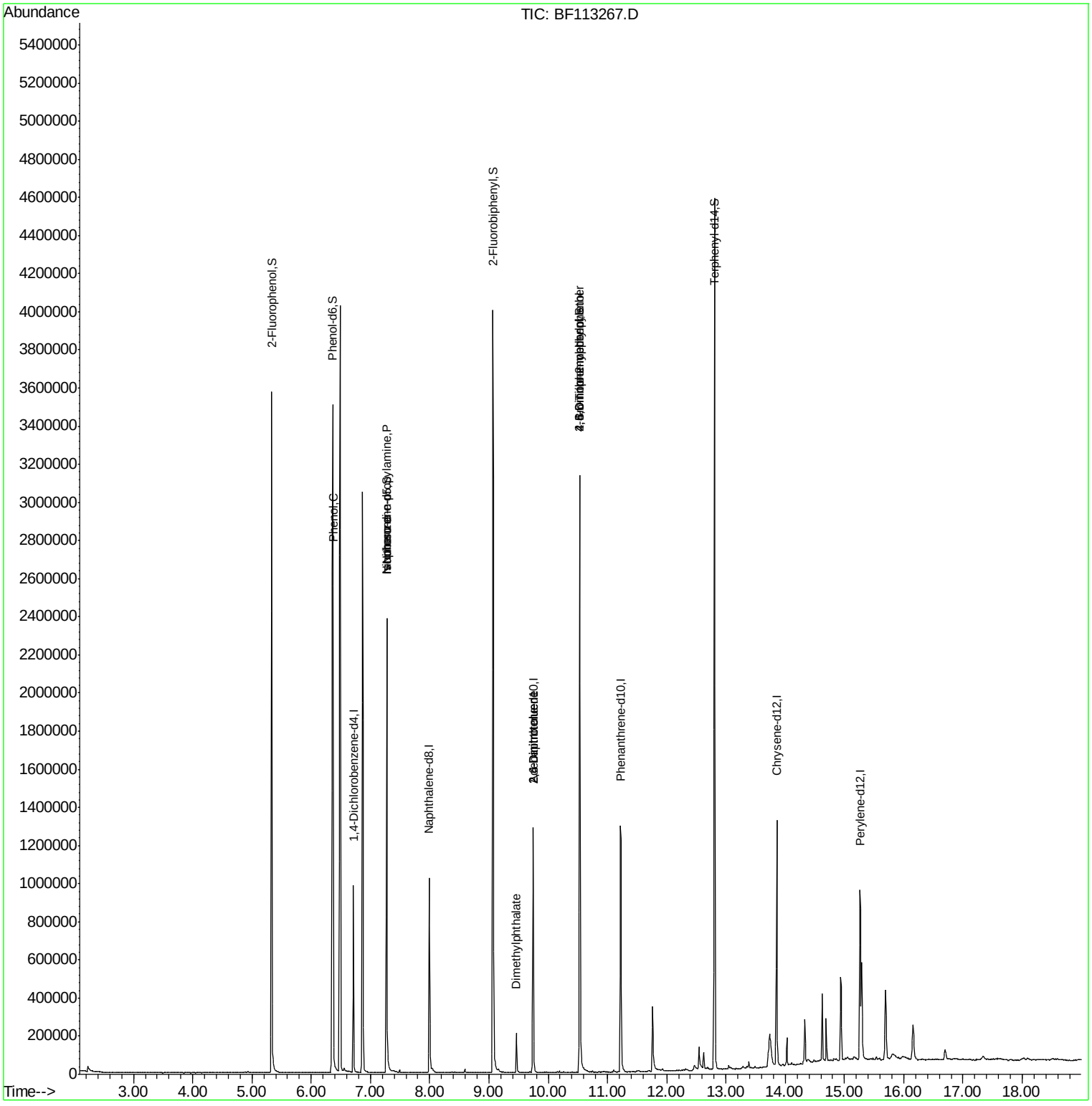
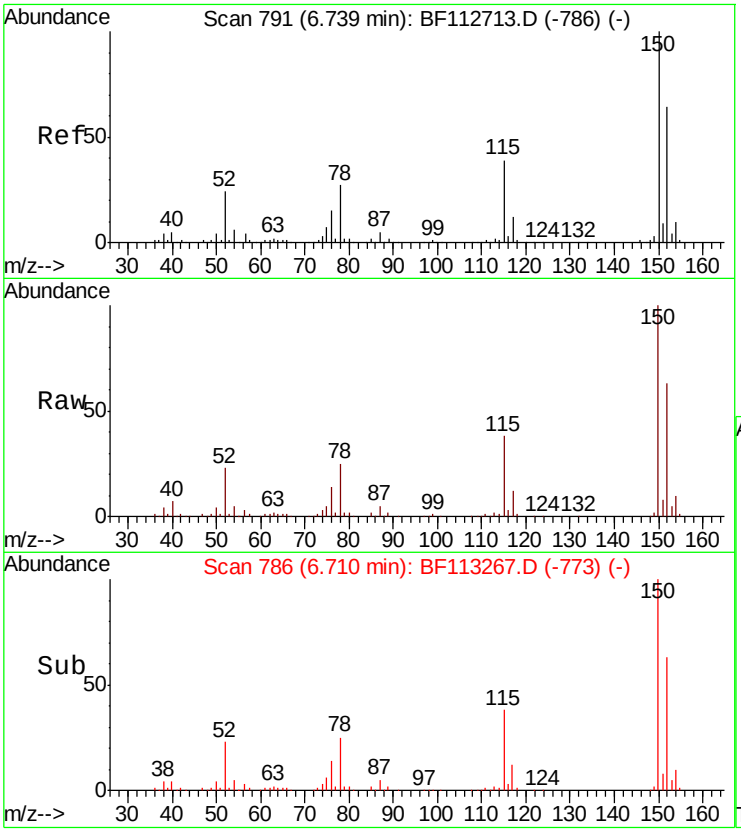


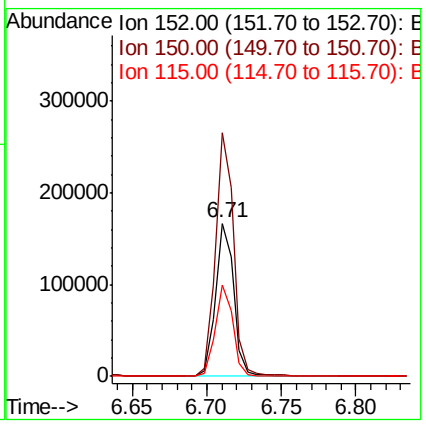


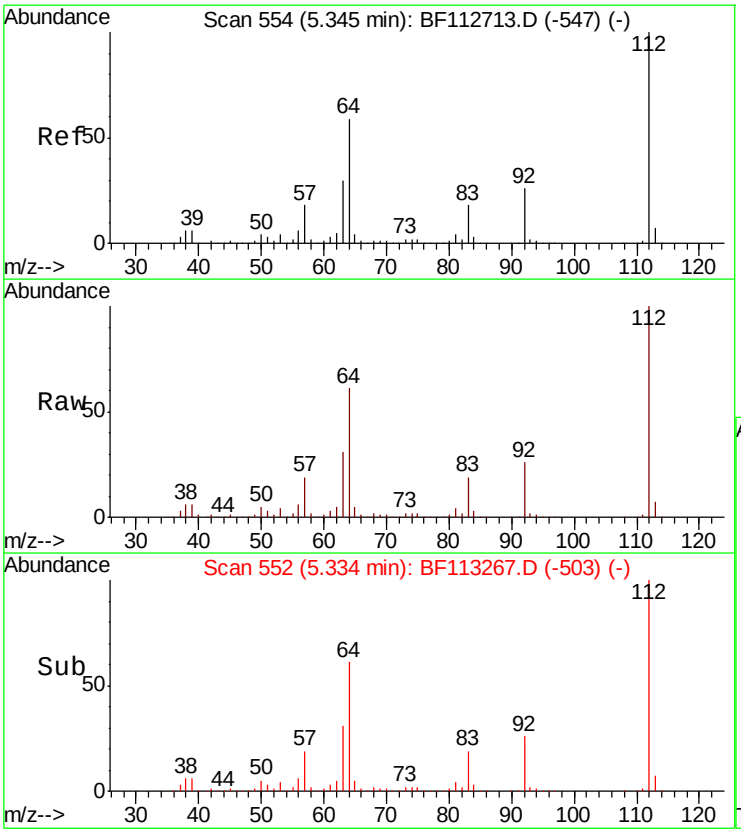
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:152 Resp: 143161

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	59.7	48.2	72.4

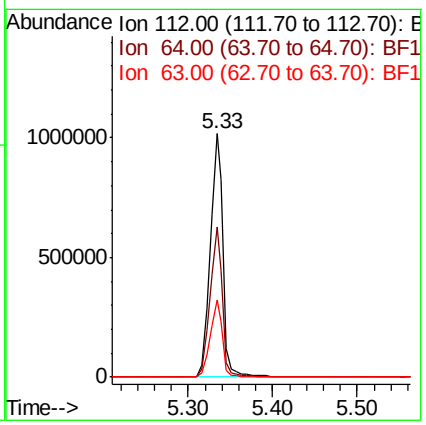


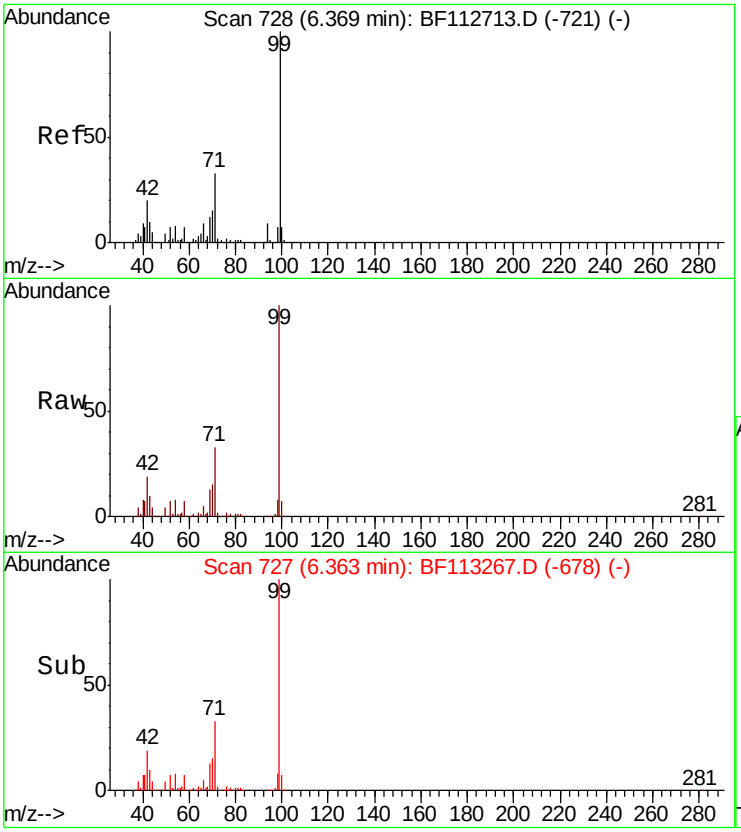


#5
2-Fluorophenol
Concen: 119.718 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:112 Resp: 1101796

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.6	71.4
63	31.5	24.4	36.6



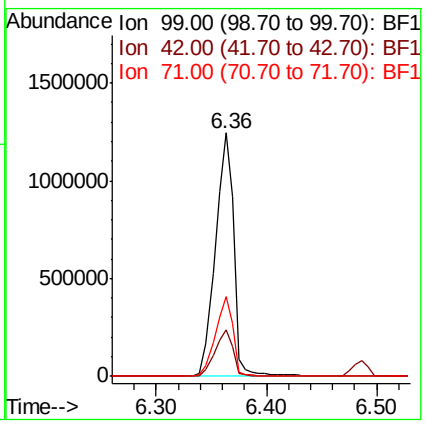


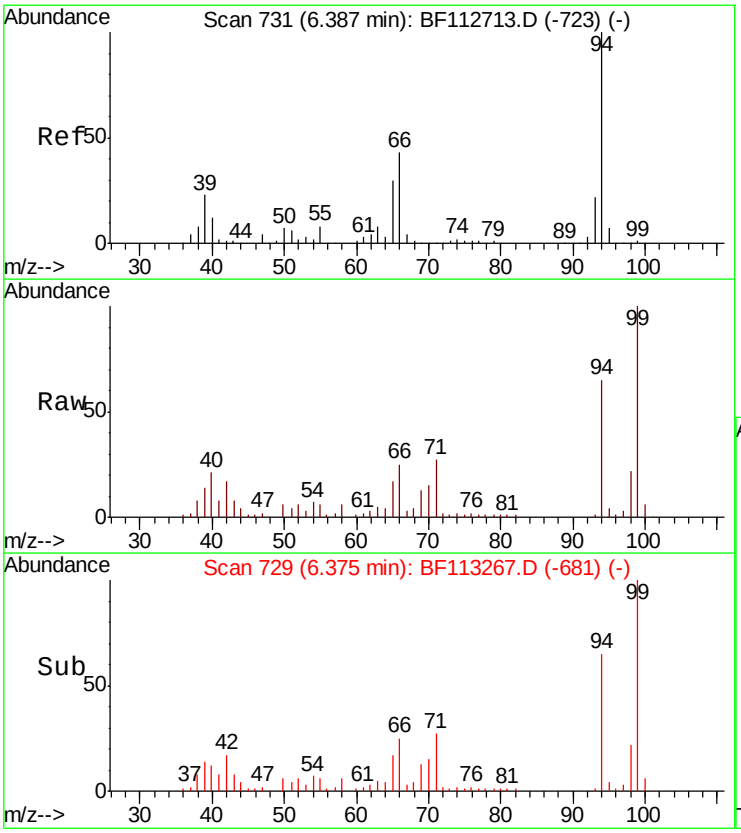
#7
Phenol-d6
Concen: 123.995 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion: 99 Resp: 1433485

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	33.0	26.2	39.4

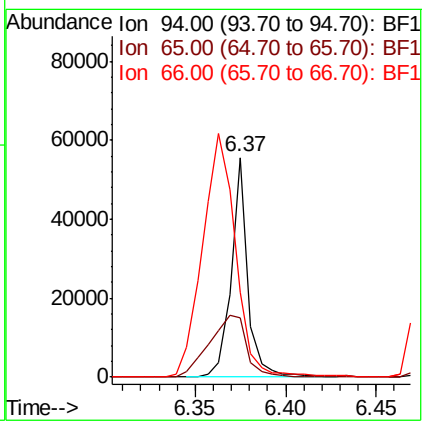


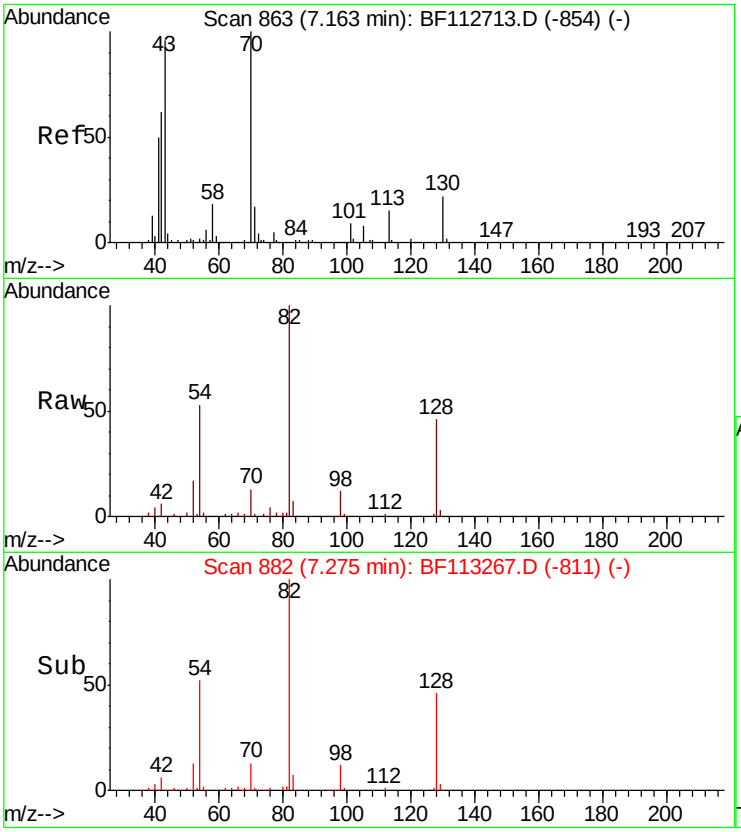


#10
Phenol
Concen: 2.640 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion: 94 Resp: 35619

Ion	Ratio	Lower	Upper
94	100		
65	27.1	10.5	50.5
66	39.0	22.6	62.6



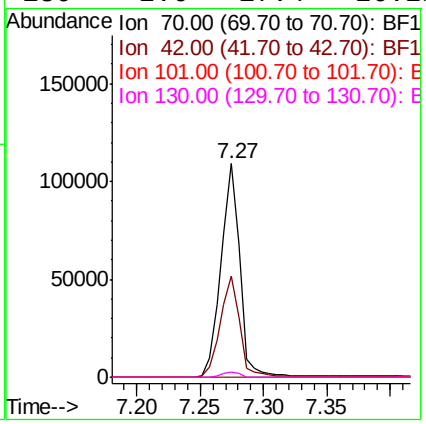


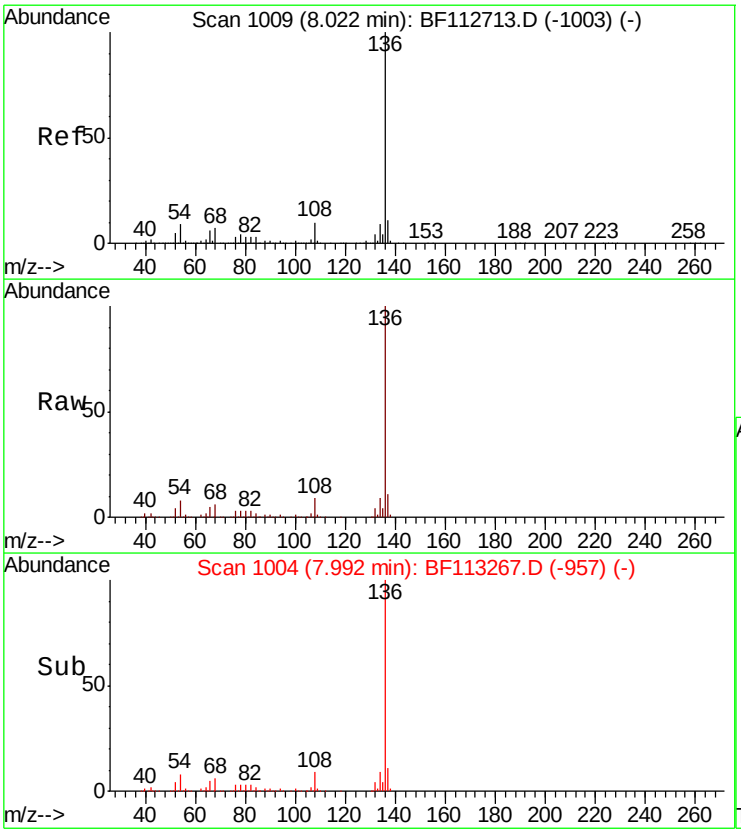
#19
n-Nitroso-di-n-propylamine
Concen: 15.688 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion: 70 Resp: 114864

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.6	17.4	26.2#

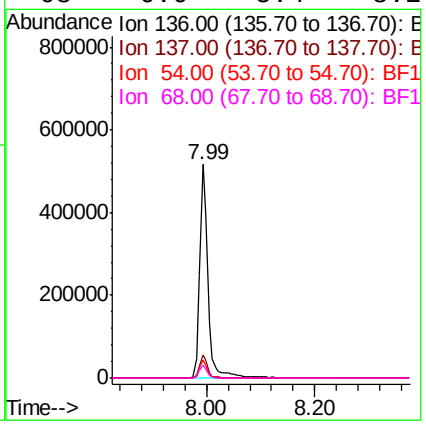


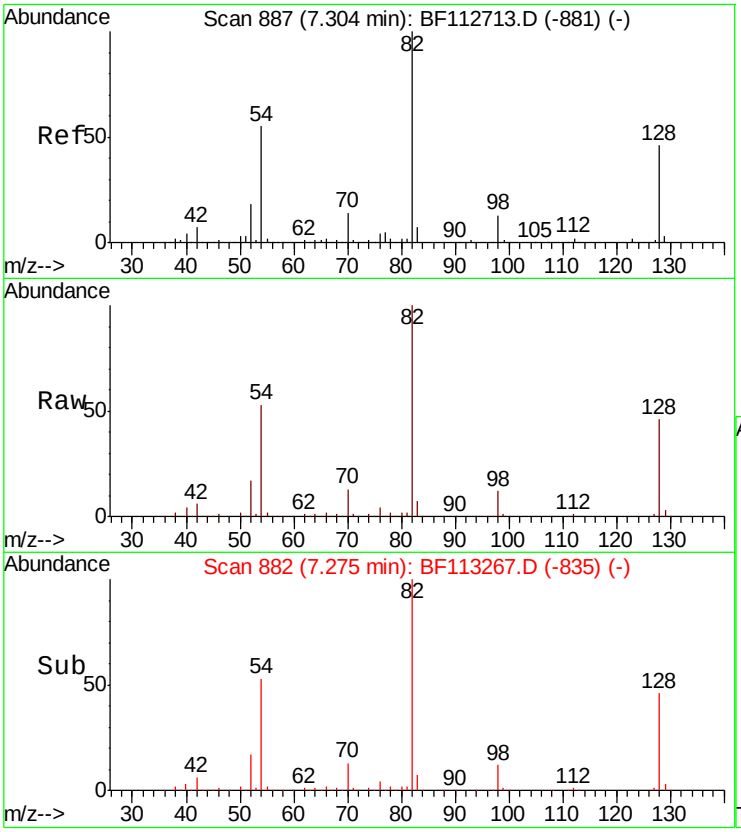


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:136 Resp: 544023

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.3	10.9
68	6.0	5.4	8.2



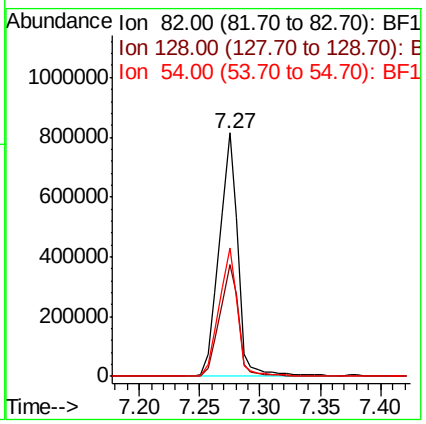


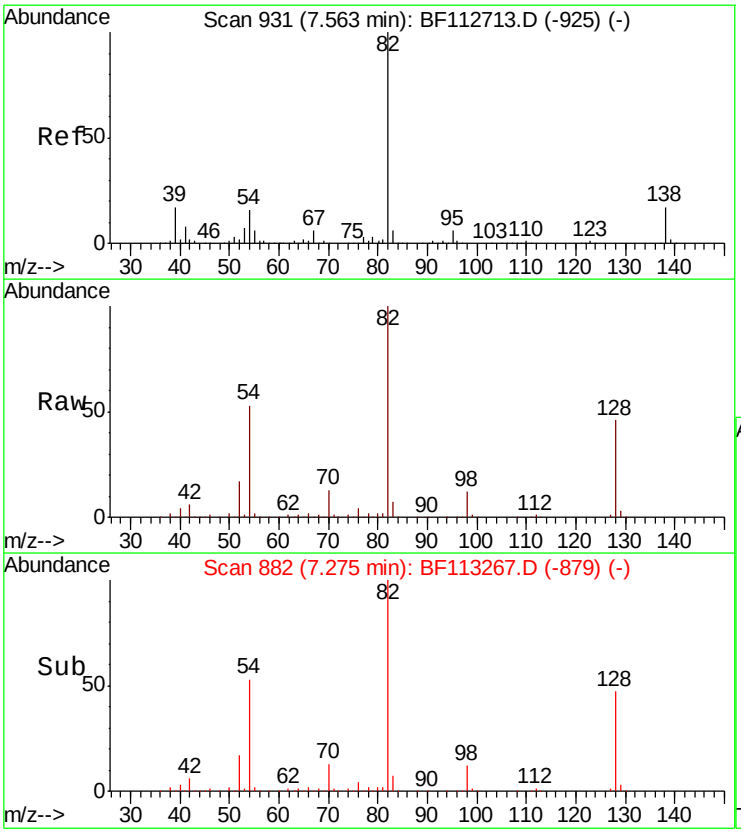
#23
Nitrobenzene-d5
Concen: 95.606 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion: 82 Resp: 869211

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	53.0	43.7	65.5

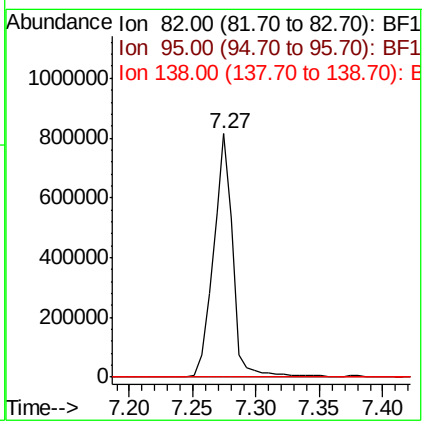


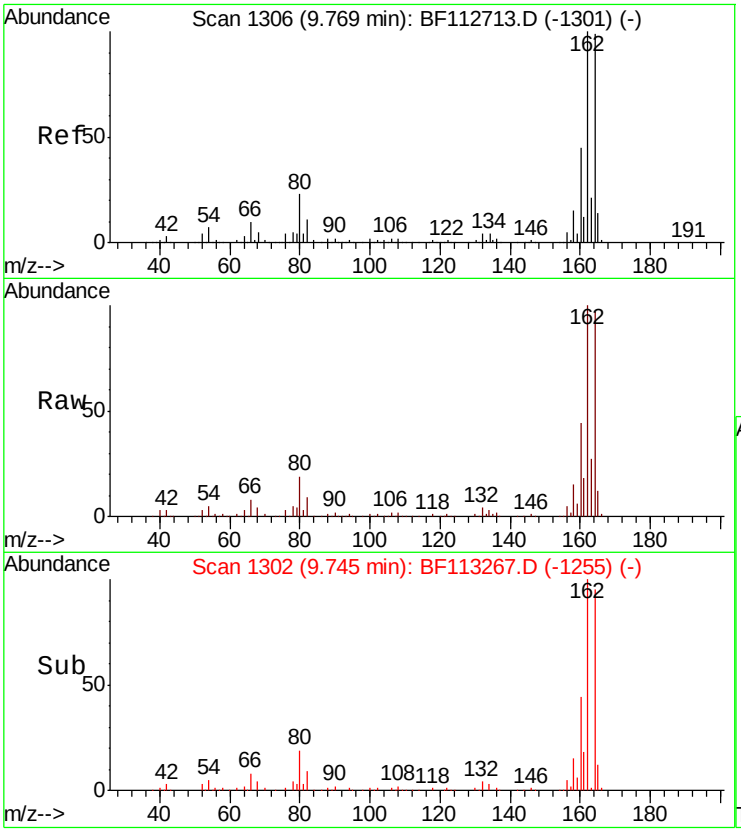


#25
Isophorone
Concen: 44.378 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion: 82 Resp: 869205

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



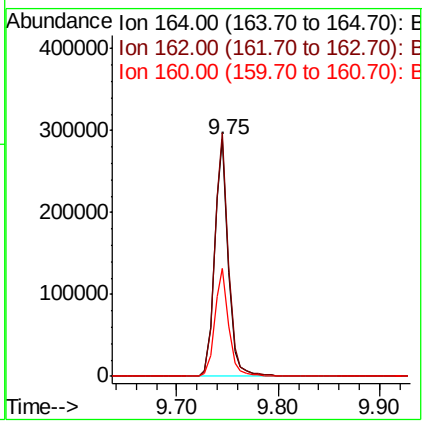


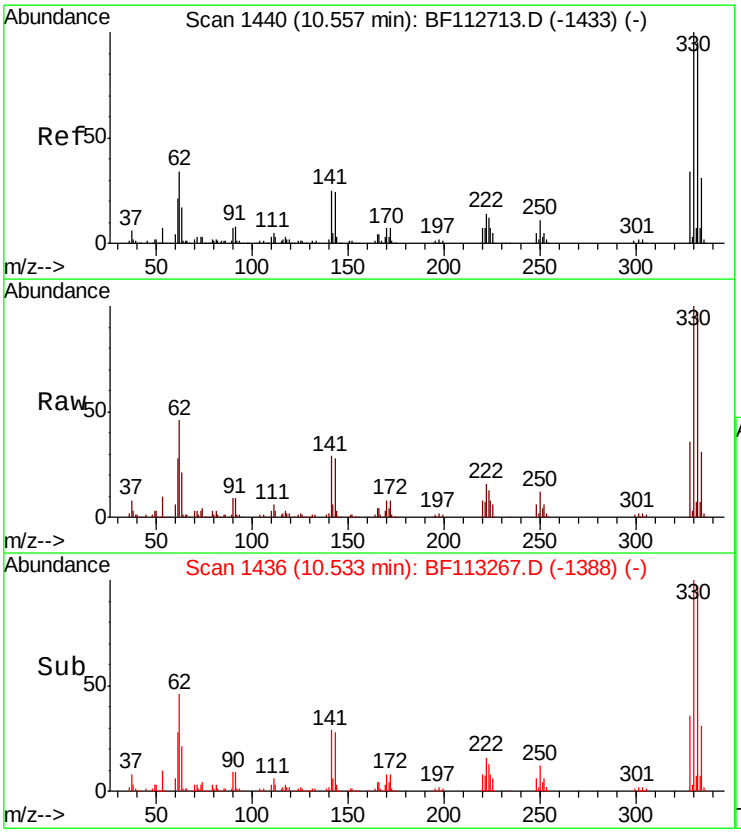
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:164 Resp: 270852

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	45.3	36.0	54.0

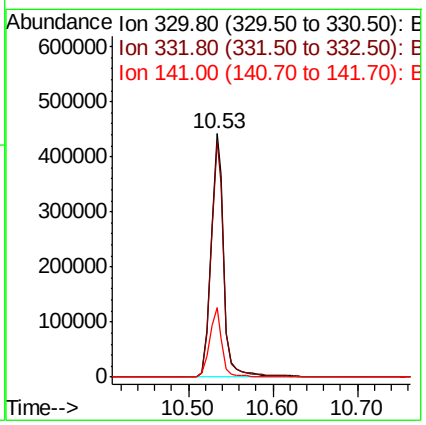


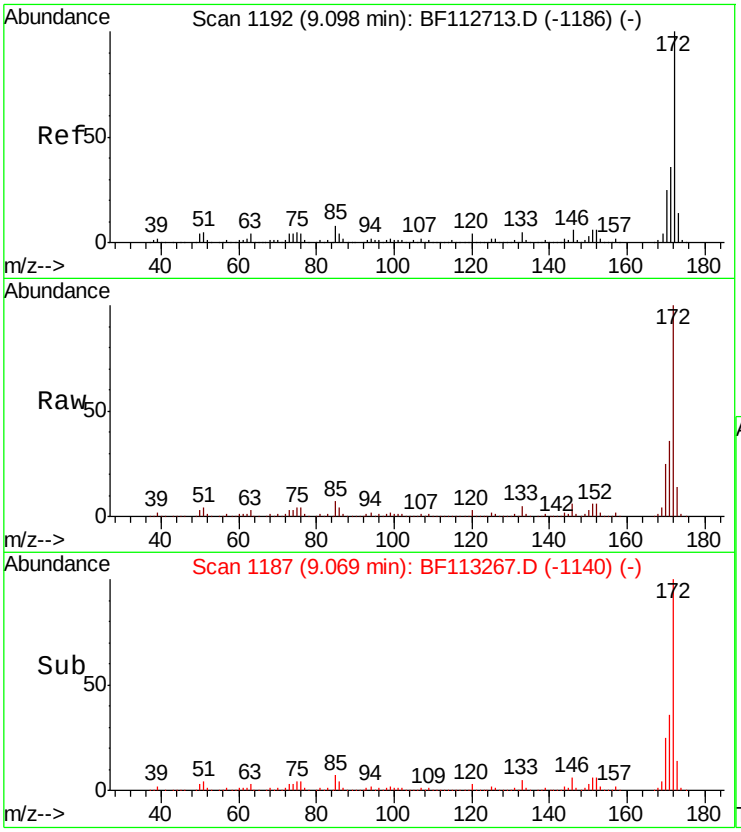


#42
2,4,6-Tribromophenol
Concen: 167.129 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:330 Resp: 480567

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	27.6	27.0	40.6



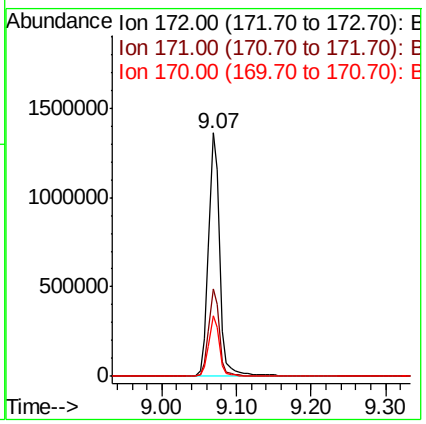


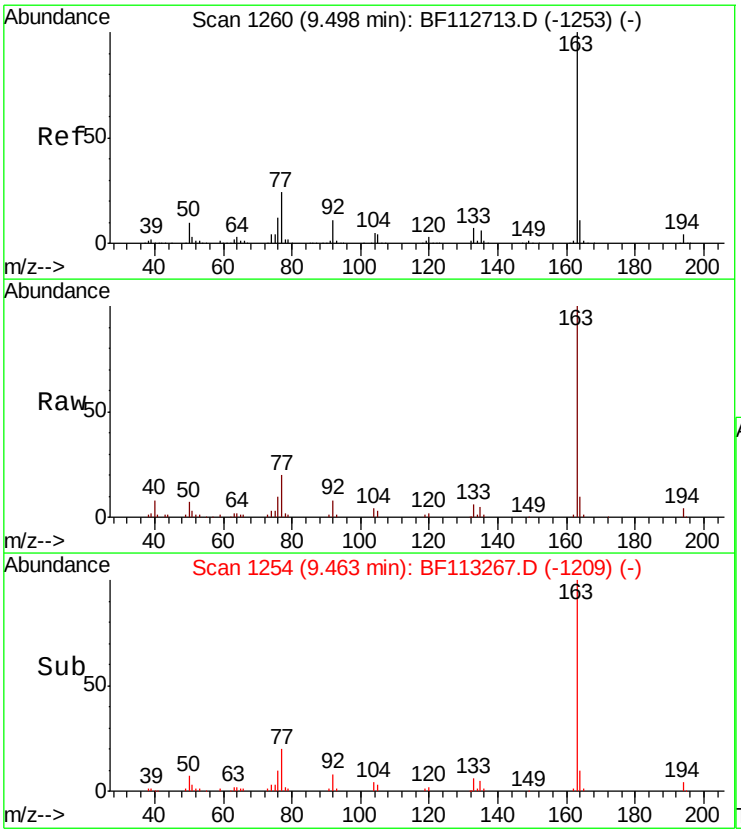
#45
2-Fluorobiphenyl
Concen: 86.915 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:172 Resp: 1412364

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.8	20.0	30.0

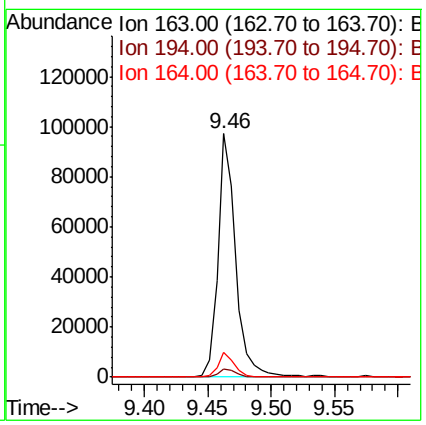


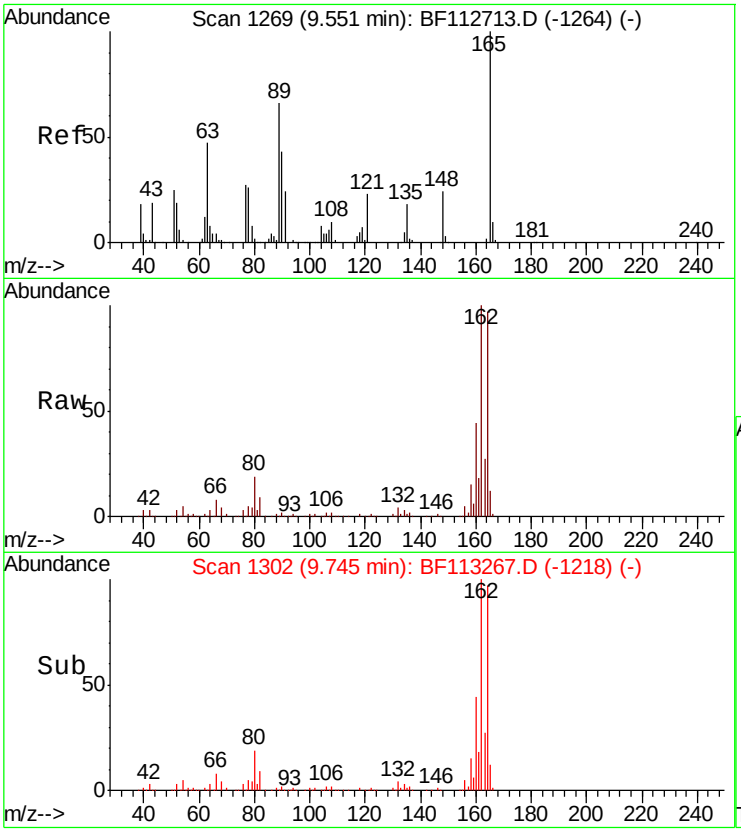


#50
Dimethylphthalate
Concen: 4.784 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:163 Resp: 95536

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.0	8.4	12.6



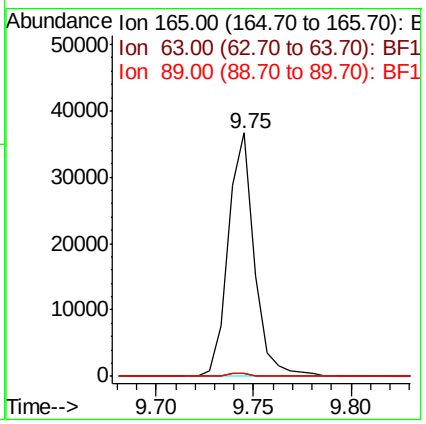


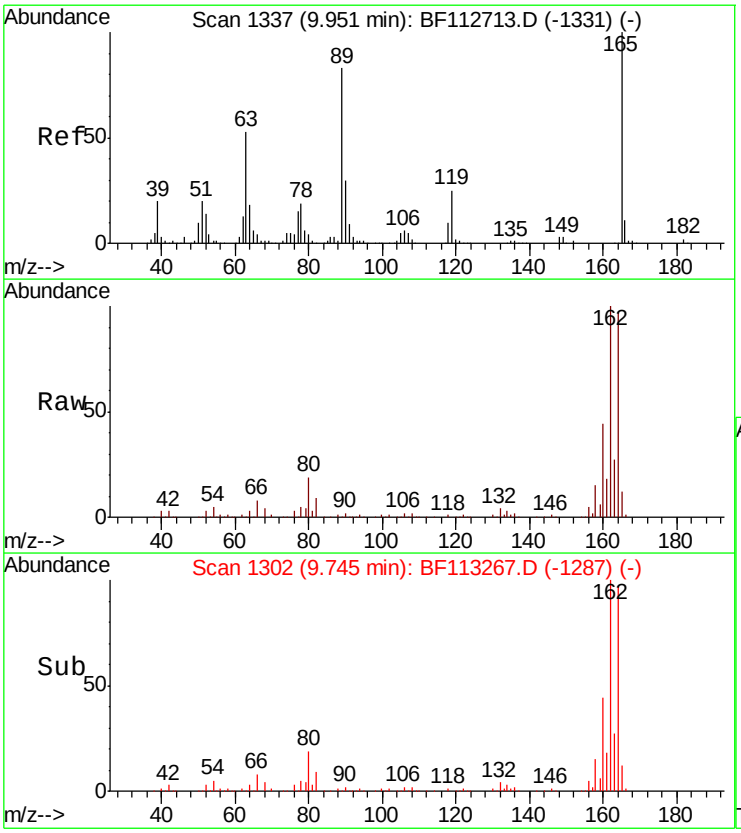
#51
2,6-Dinitrotoluene
Concen: 8.148 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:165 Resp: 33886

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.0	52.8	79.2#

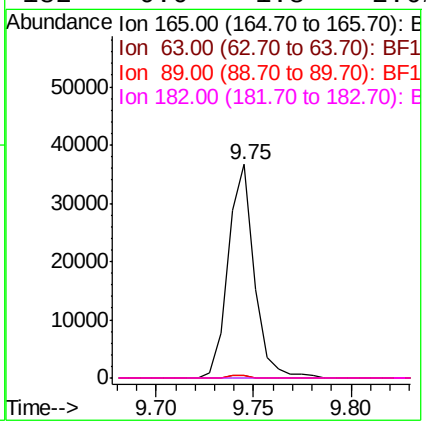


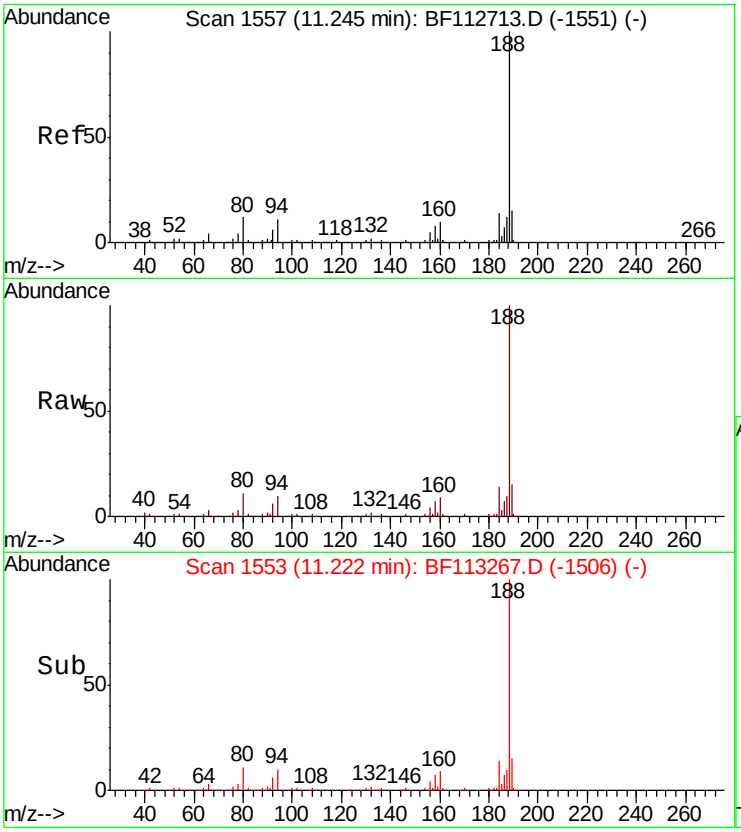


#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:165 Resp: 33886

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#



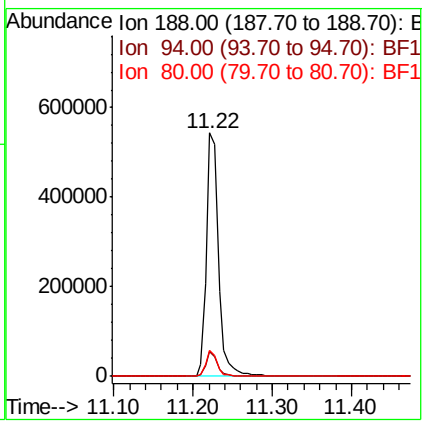


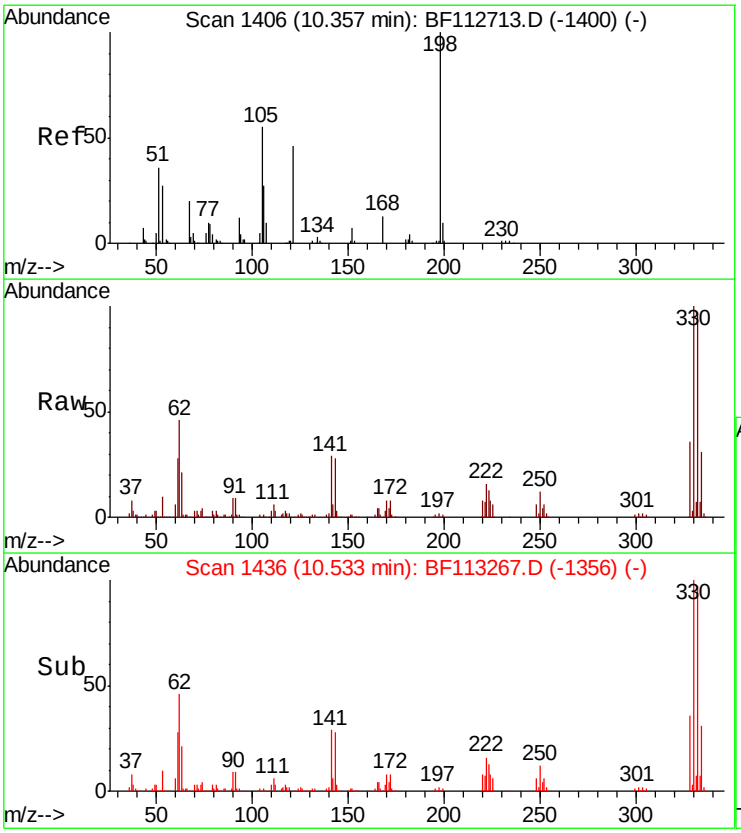
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:188 Resp: 581925

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.7	9.2	13.8

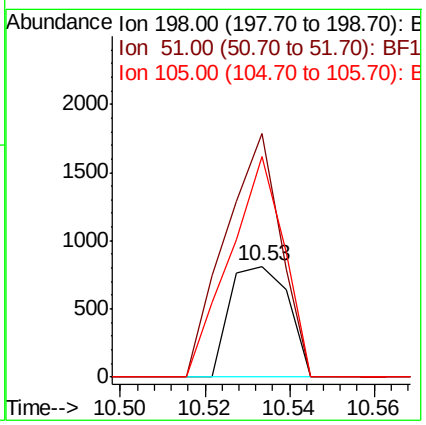


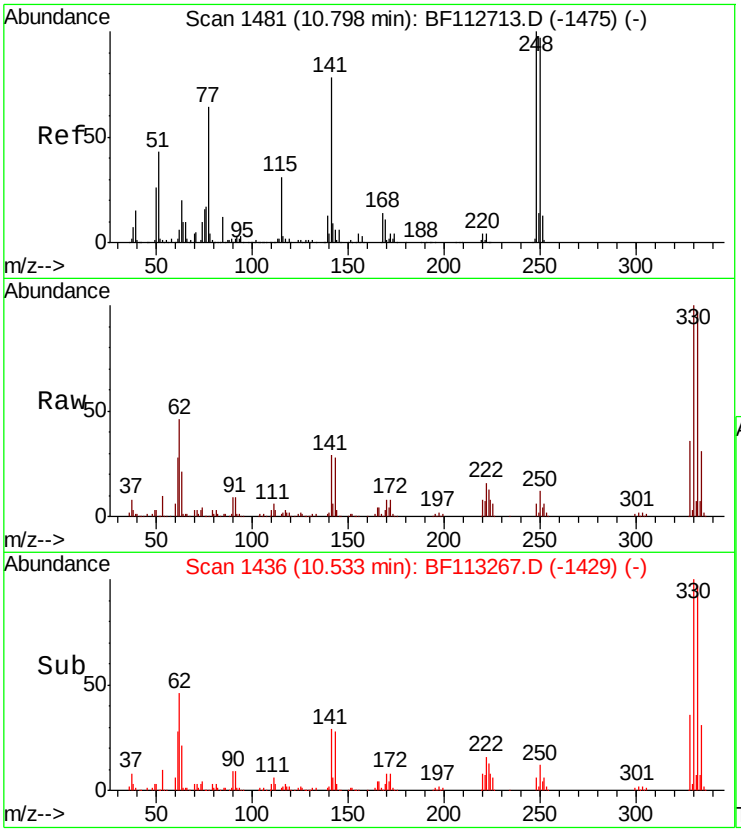


#65
4,6-Dinitro-2-methylphenol
Concen: 4.909 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:198 Resp: 785

Ion	Ratio	Lower	Upper
198	100		
51	220.0	43.8	83.8#
105	198.8	36.5	76.5#



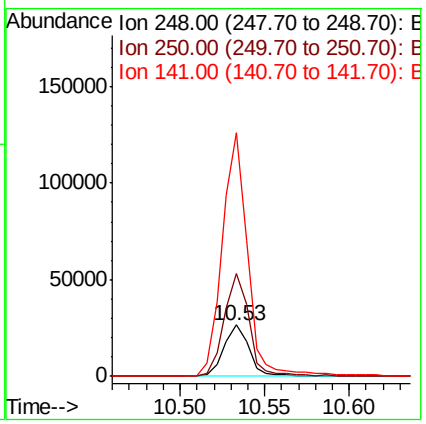


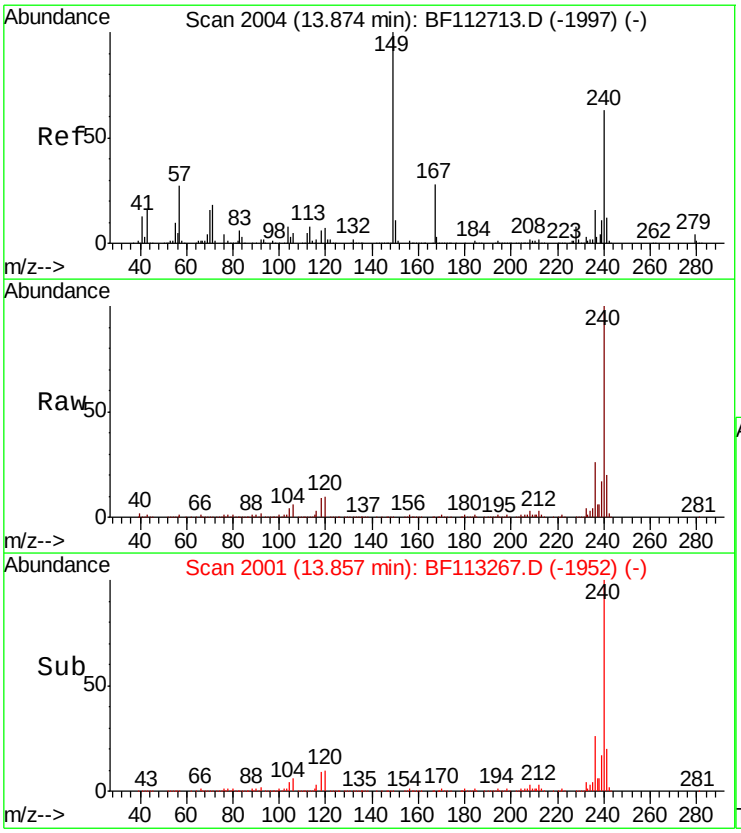
#67
4-Bromophenyl-phenylether
Concen: 4.469 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.26 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:248 Resp: 27394

Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.5	116.3#
141	473.9	62.4	93.6#

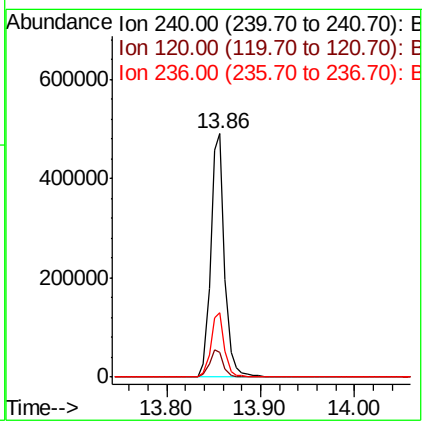


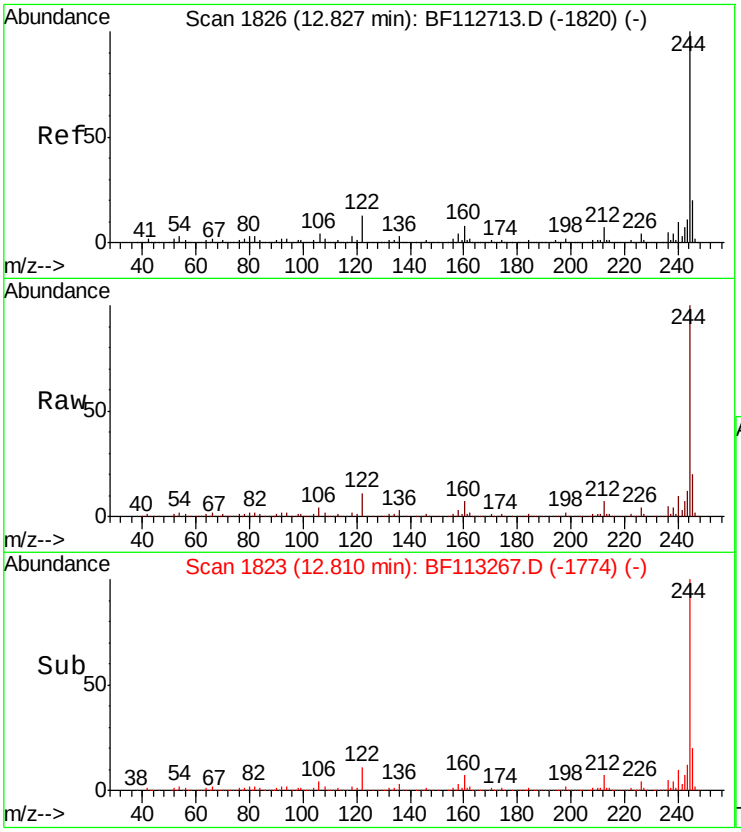


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:240 Resp: 513044

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.4	20.7	31.1



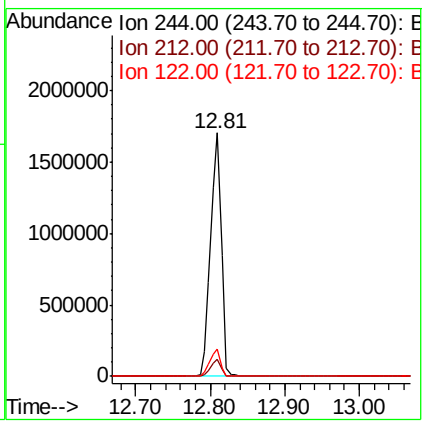


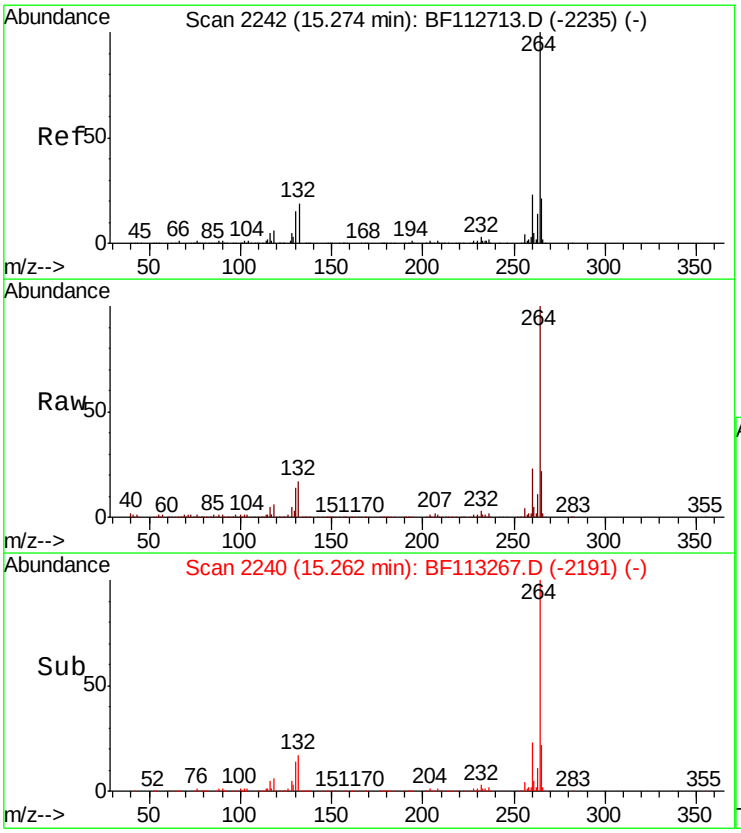
#79
Terphenyl-d14
Concen: 64.525 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tgt Ion:244 Resp: 1707710

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.1	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:264 Resp: 447886

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.2	25.8