Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112851.D
Acq On : 5 Mar 2019 13:13
Operator : JU/SJ
Sample : K1704-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-SW068-022719

Quant Time: Mar 06 01:43:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	174831	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	661002	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	307671	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	554399	20.00	ng		0.00
76) Chrysene-d12	13.88	240	417678	20.00	ng		0.00
87) Perylene-d12	15.29	264	441860	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1145510	101.92	ng		0.01
7) Phenol-d6	6.38	99	1464198	103.71	ng		0.01
23) Nitrobenzene-d5	7.30	82	894291	80.96	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	392096	120.04	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1596813	86.35	ng		0.00
79) Terphenyl-d14	12.84	244	1417125	65.77	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.39	94	48027	2.915	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	119141	13.324	ng	#	78
25) Isophorone	7.30	82	864489	36.326	ng	#	66
50) Dimethylphthalate	9.49	163	110818	4.885	ng		99
51) 2,6-Dinitrotoluene	9.77	165	39213	8.301	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	39214	6.678	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	521	4.819	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	22386	3.834	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112851.D
Acq On : 5 Mar 2019 13:13
Operator : JU/SJ
Sample : K1704-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

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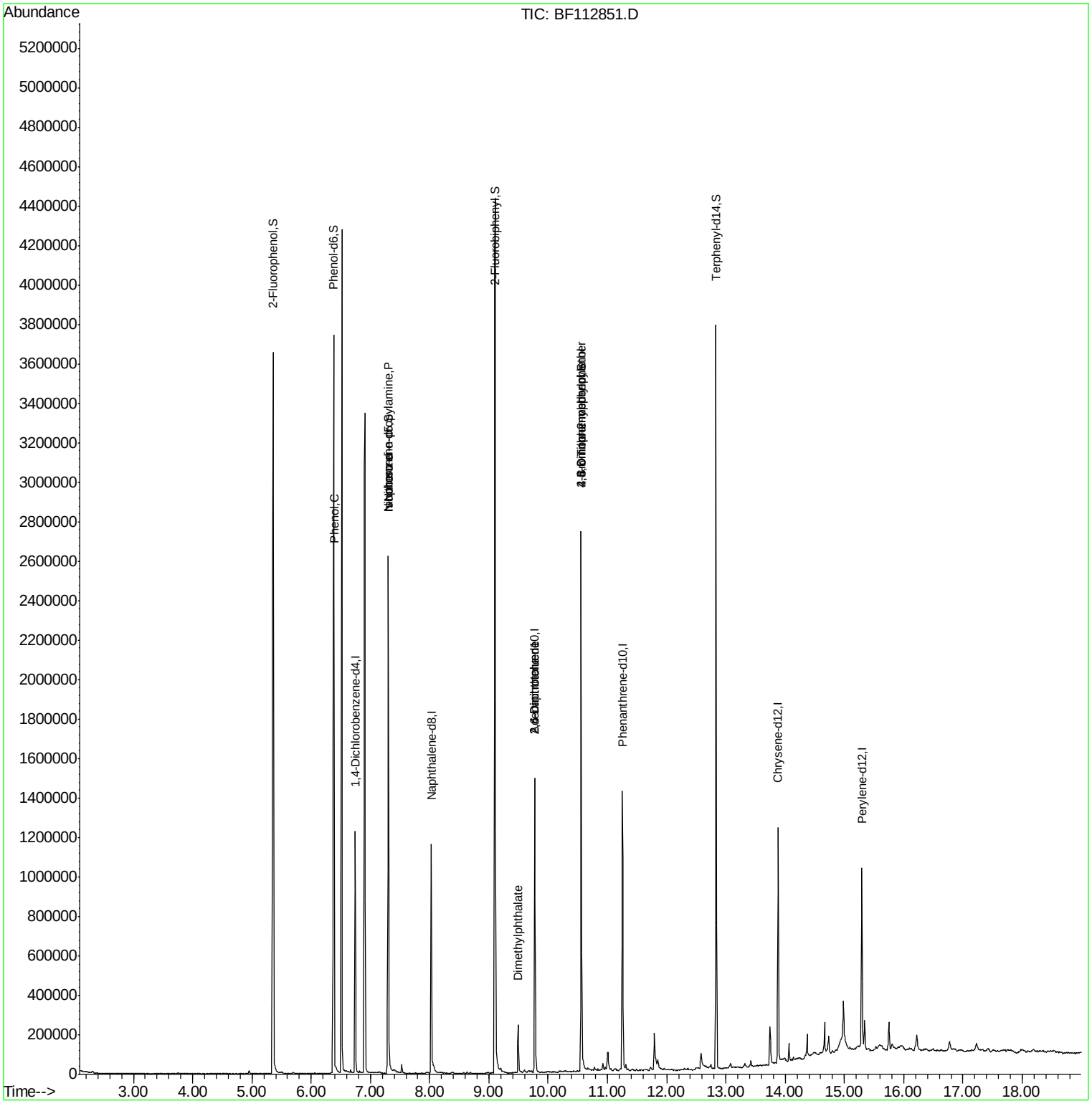
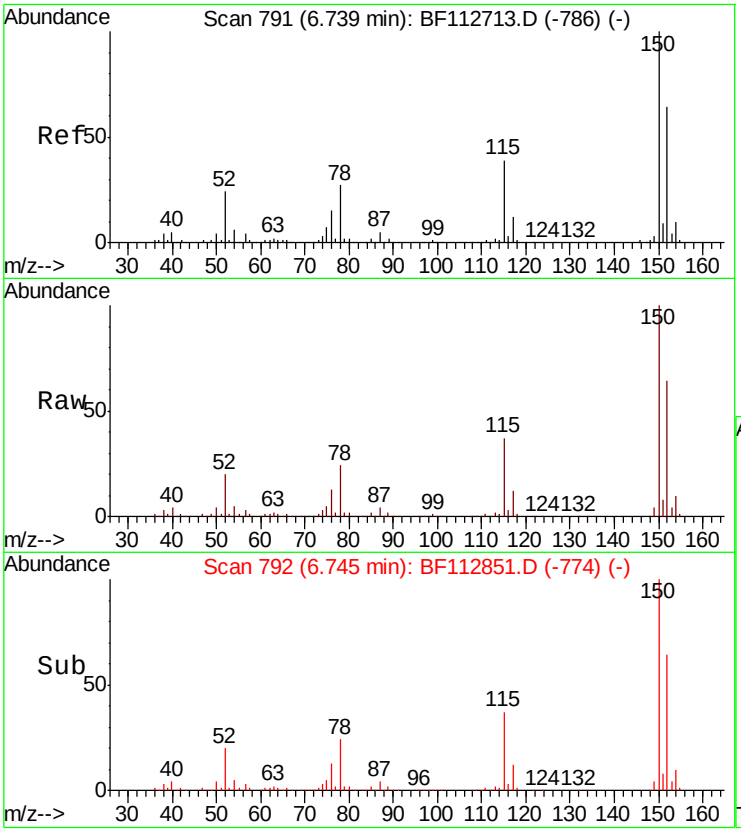
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



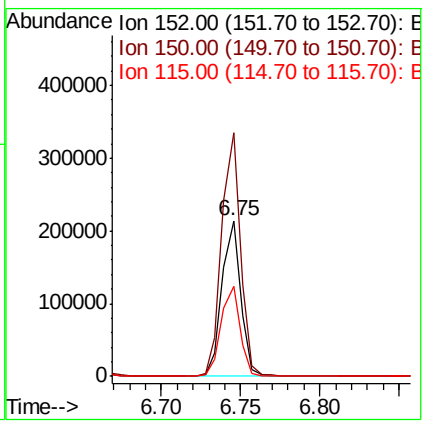


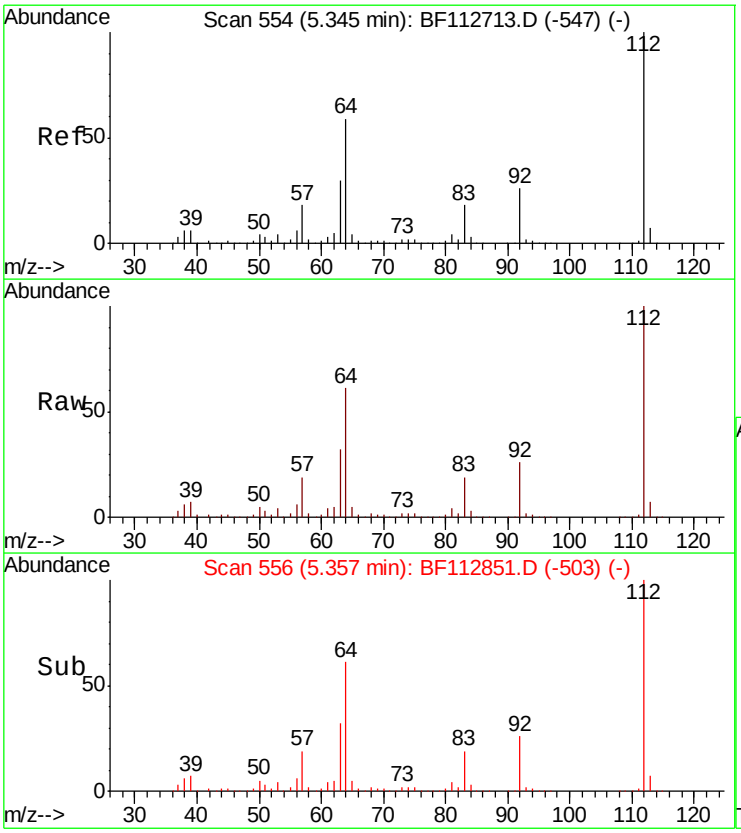
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:152 Resp: 174831

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	57.7	48.2	72.4

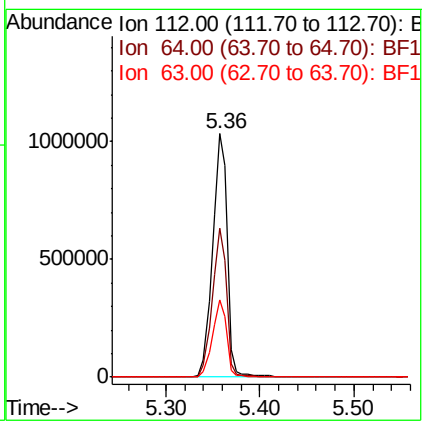


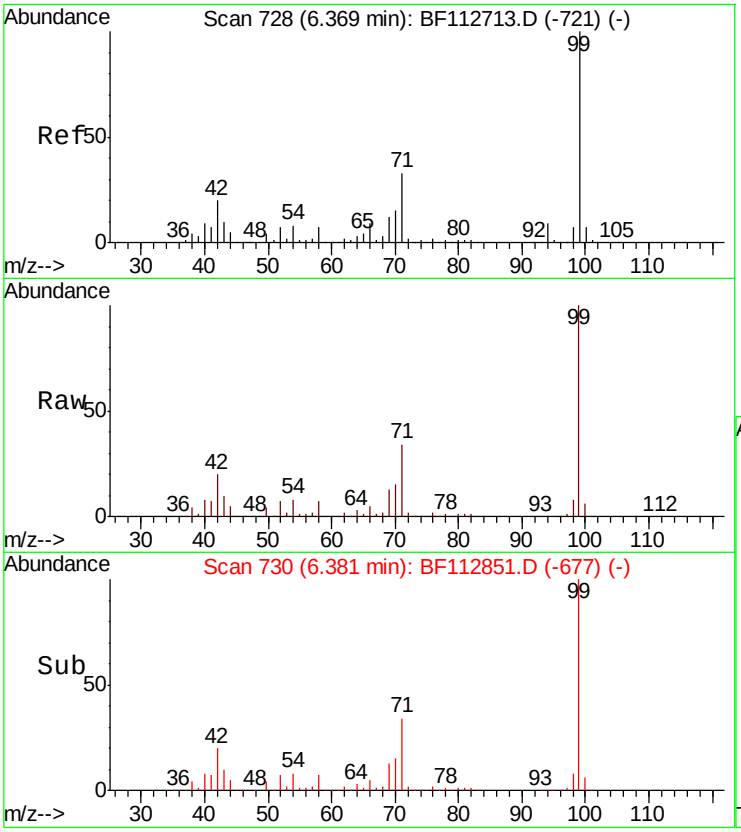


#5
2-Fluorophenol
Concen: 101.921 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:112 Resp: 1145510

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.6	71.4
63	31.9	24.4	36.6



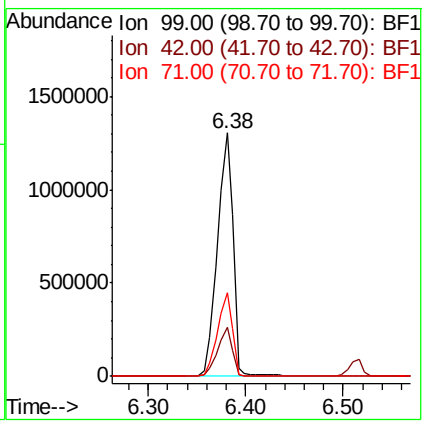


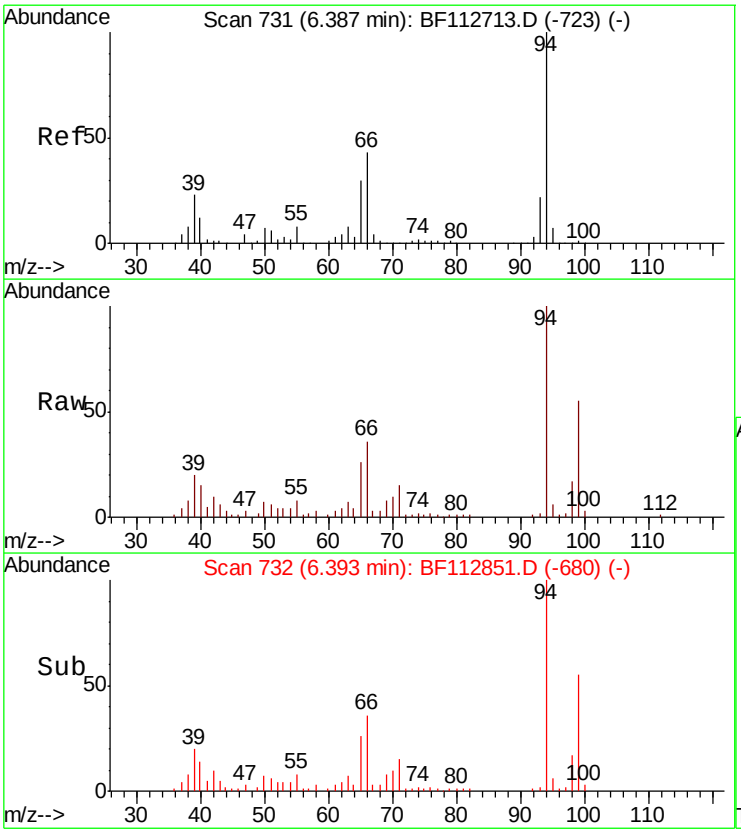
#7
Phenol-d6
Concen: 103.709 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion: 99 Resp: 1464198

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	34.2	26.2	39.4

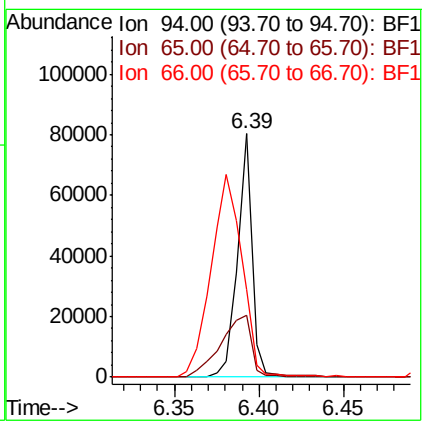


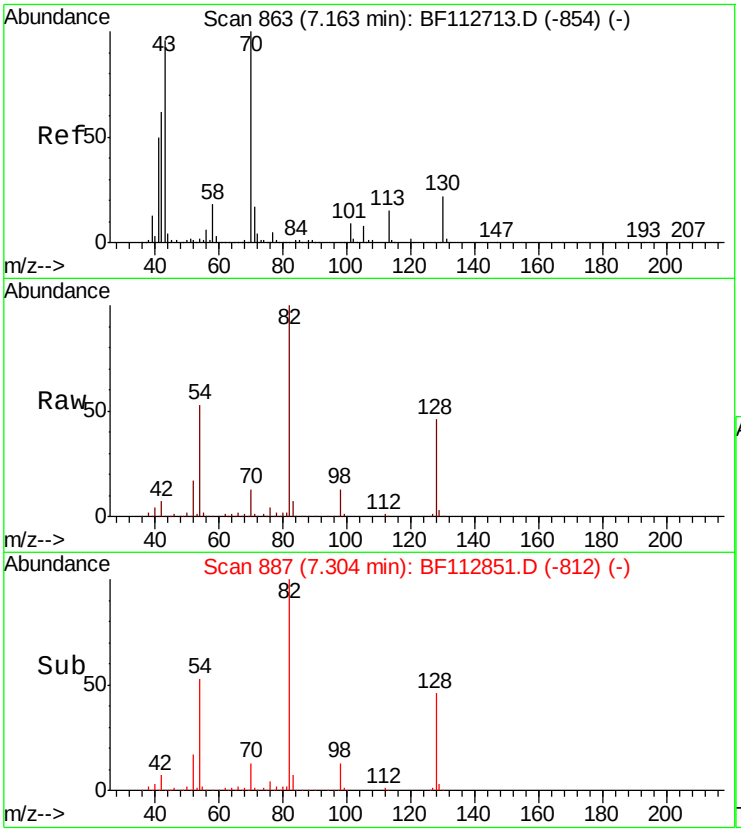


#10
Phenol
Concen: 2.915 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion: 94 Resp: 48027

Ion	Ratio	Lower	Upper
94	100		
65	25.6	10.5	50.5
66	36.1	22.6	62.6



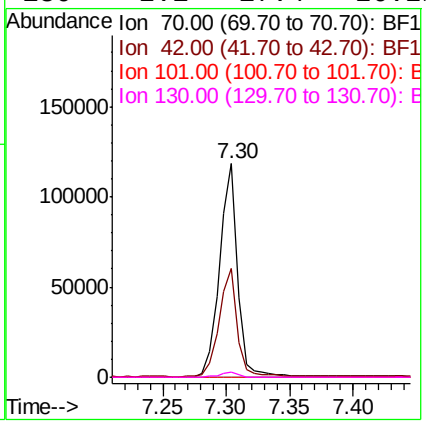


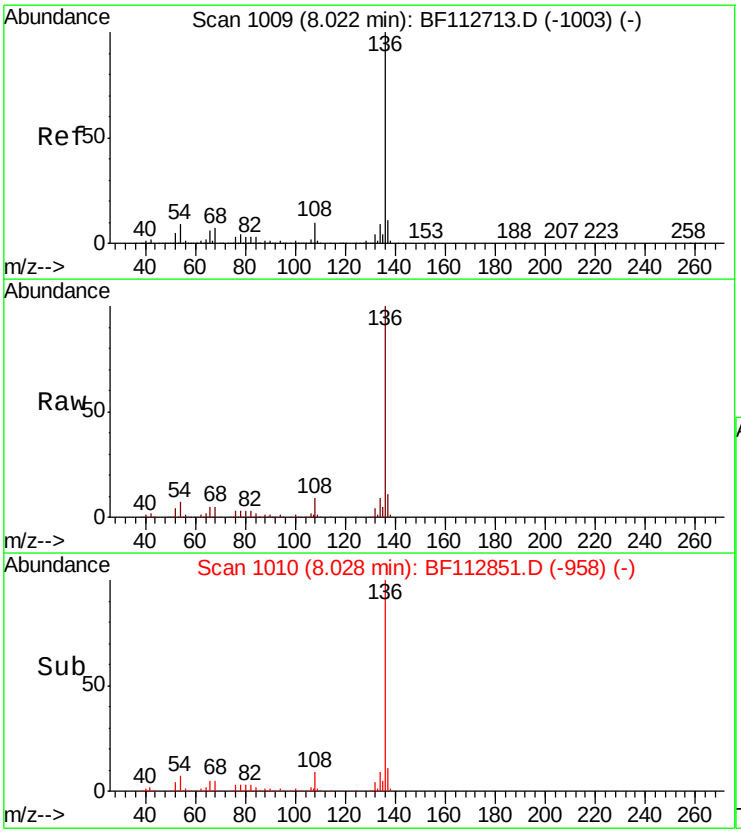
#19
n-Nitroso-di-n-propylamine
Concen: 13.324 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion: 70 Resp: 119141

Ion	Ratio	Lower	Upper
70	100		
42	50.7	49.9	74.9
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#

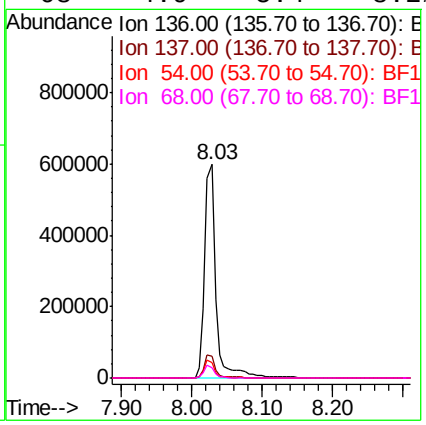


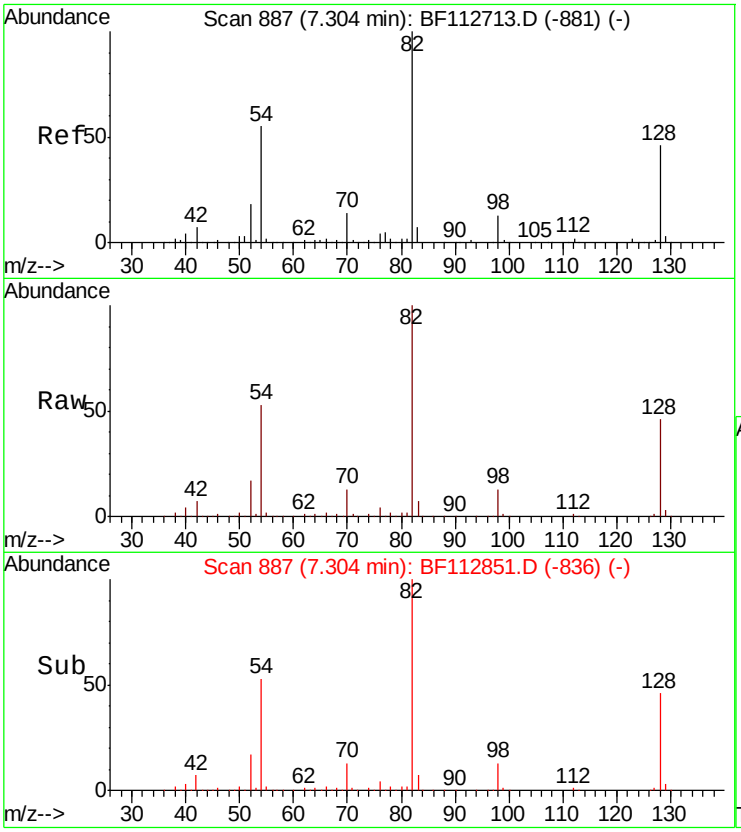


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:136 Resp: 661002

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.4	7.3	10.9
68	4.9	5.4	8.2#



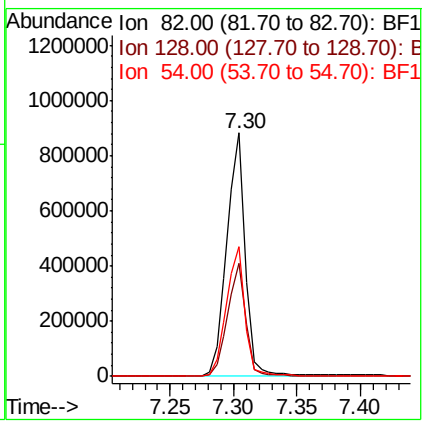


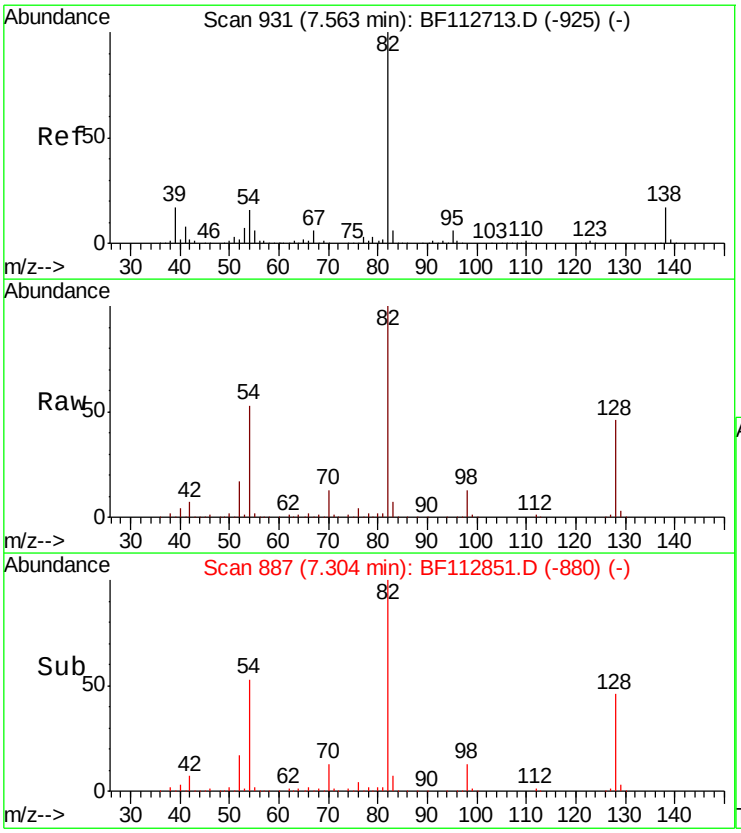
#23
Nitrobenzene-d5
Concen: 80.957 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion: 82 Resp: 894291

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	53.3	43.7	65.5

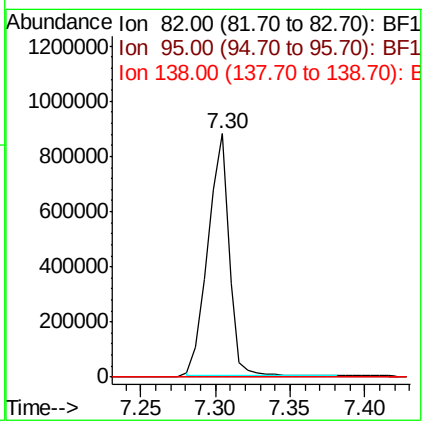


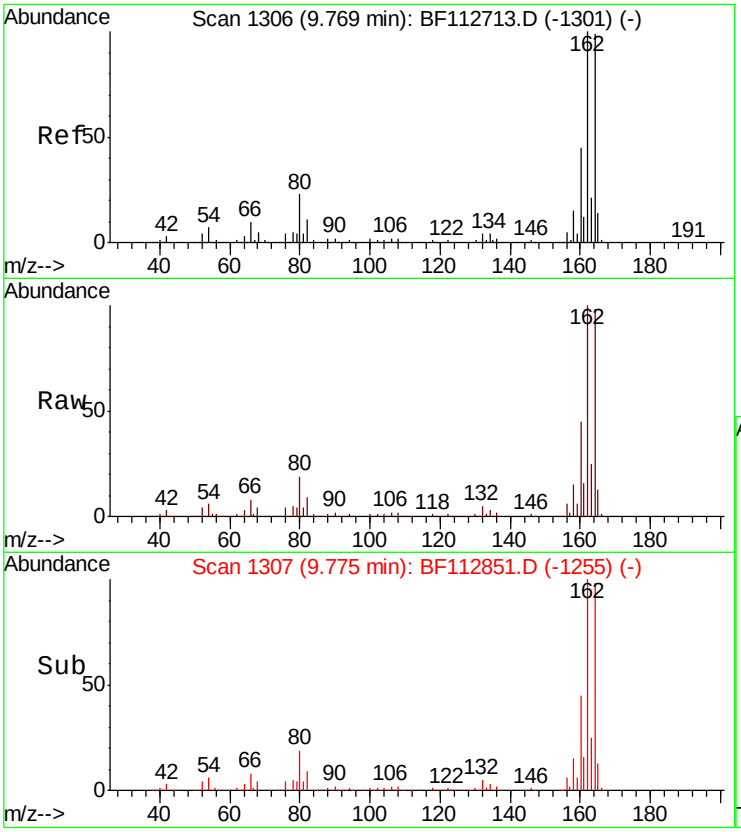


#25
Isophorone
Concen: 36.326 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion: 82 Resp: 864489

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



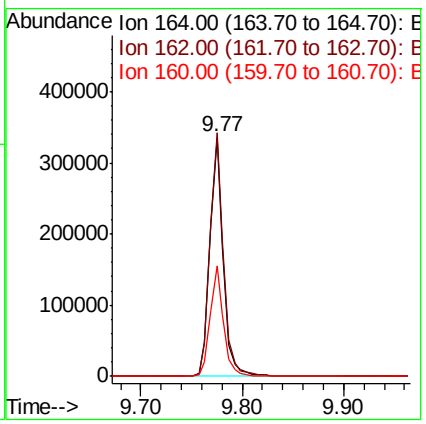


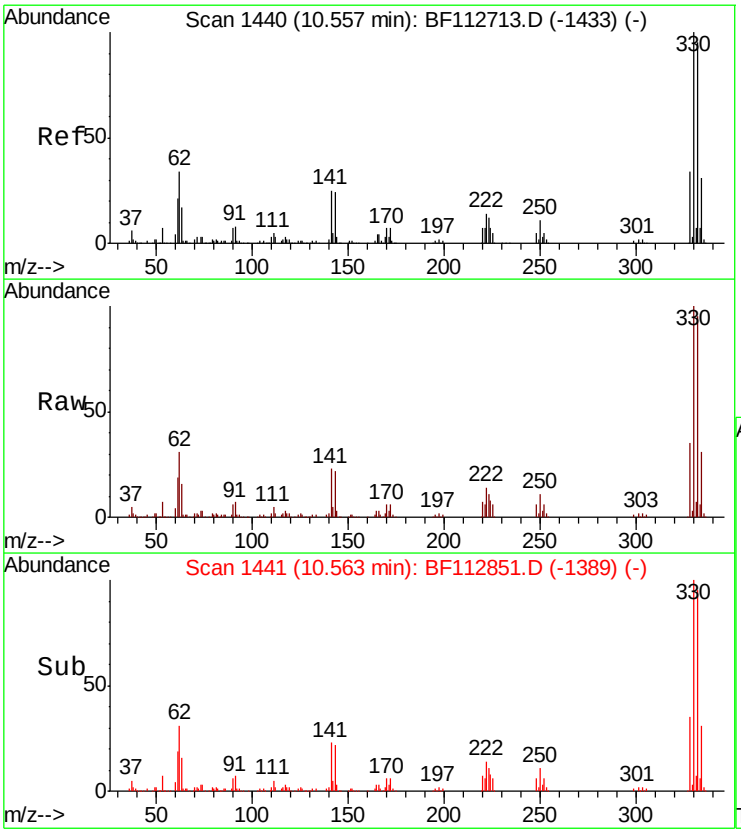
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:164 Resp: 307671

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.1	36.0	54.0

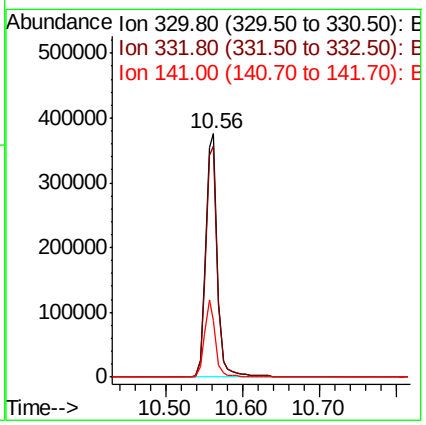


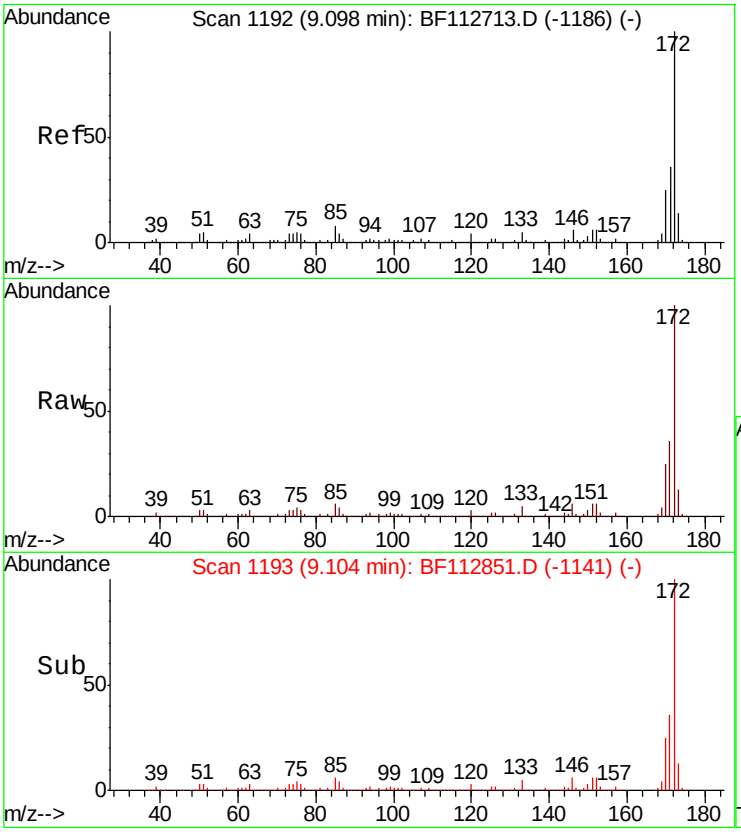


#42
2,4,6-Tribromophenol
Concen: 120.042 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:330 Resp: 392096

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	29.6	27.0	40.6



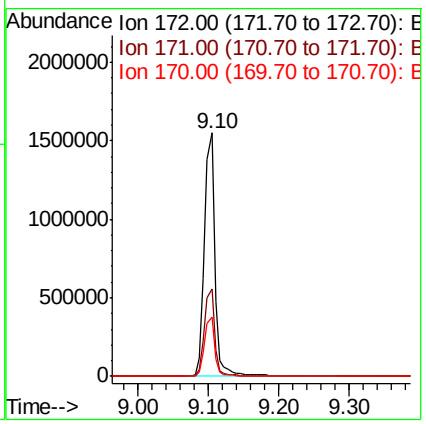


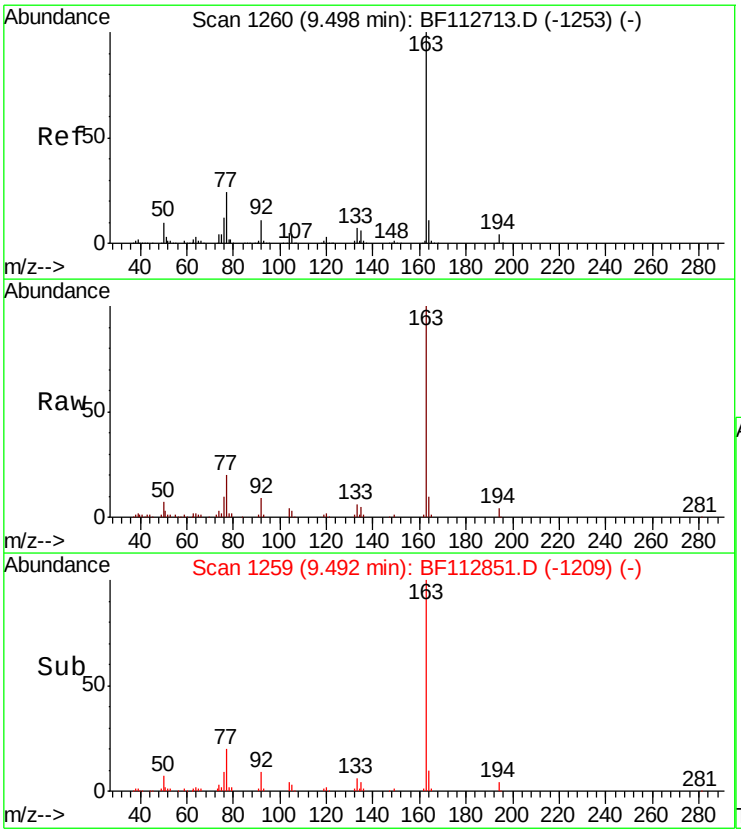
#45
2-Fluorobiphenyl
Concen: 86.355 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:172 Resp: 1596813

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.5	20.0	30.0

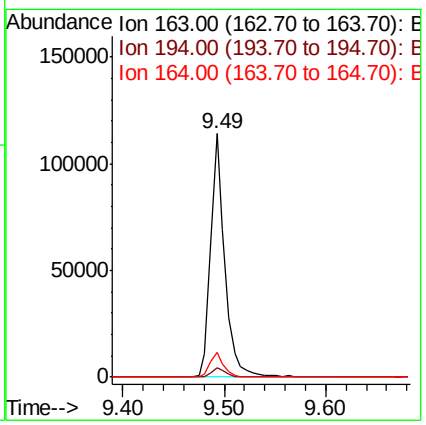


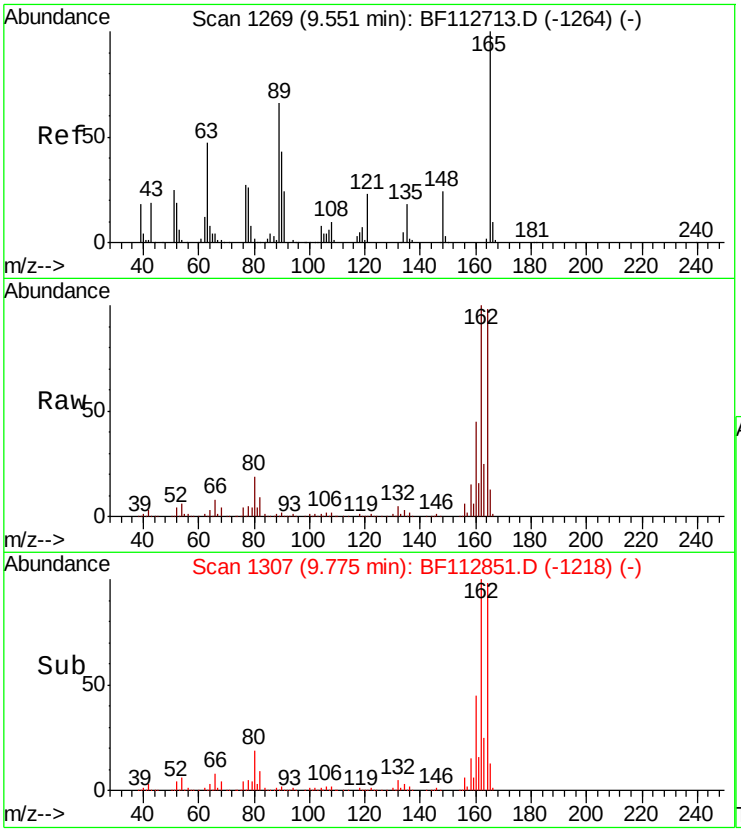


#50
Dimethylphthalate
Concen: 4.885 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:163 Resp: 110818

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.0	8.4	12.6



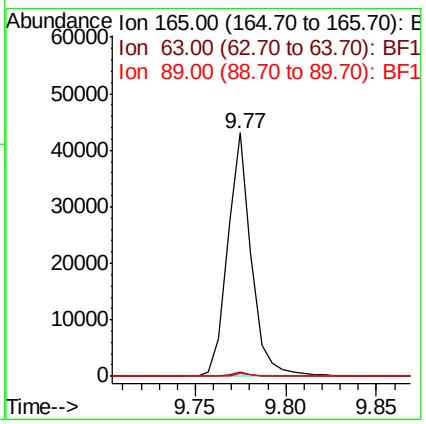


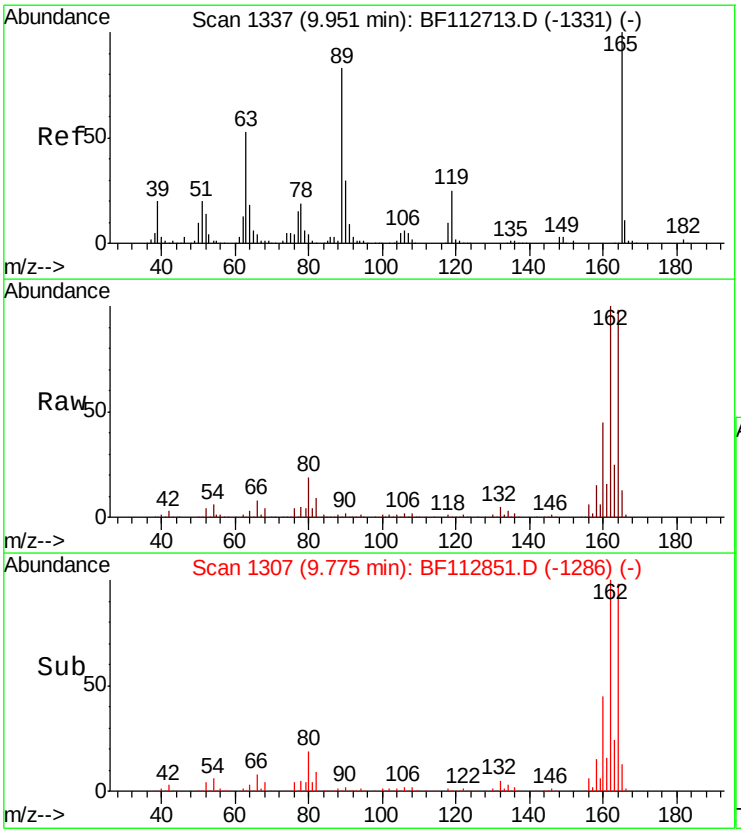
#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:165 Resp: 39213

Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.1	52.8	79.2#

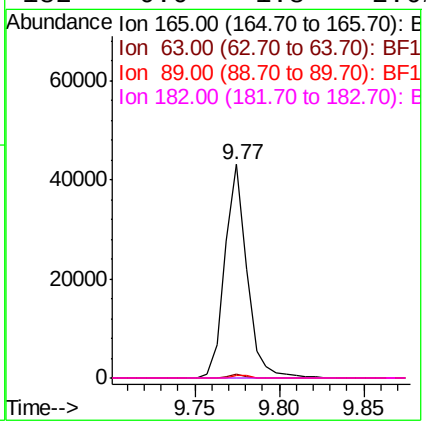


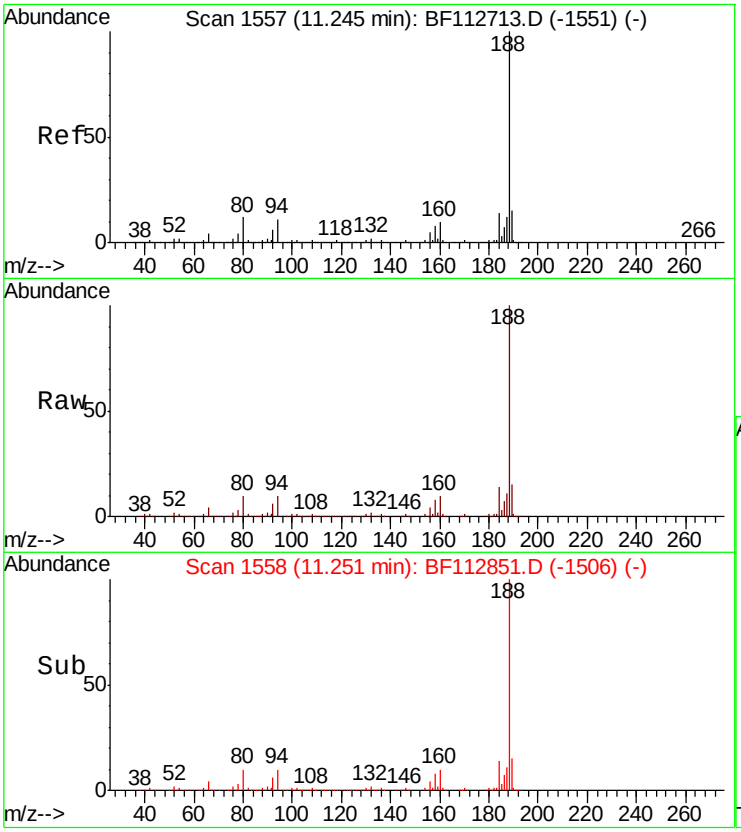


#57
2,4-Dinitrotoluene
Concen: 6.678 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:165 Resp: 39214

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



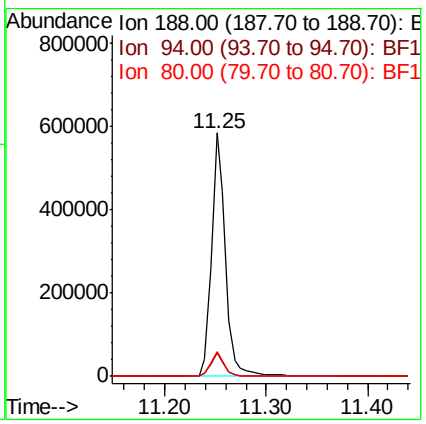


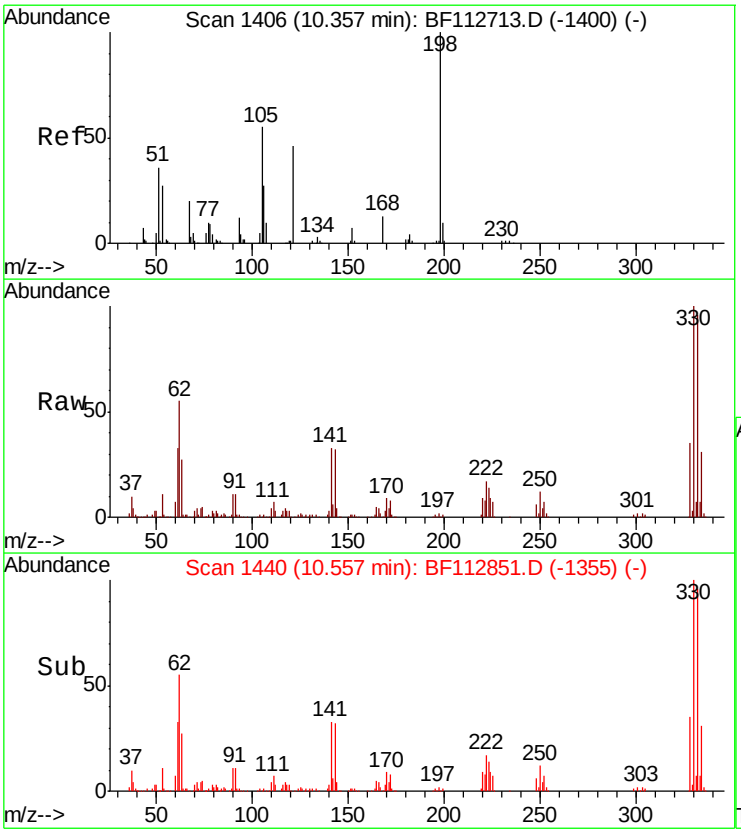
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:188 Resp: 554399

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.2	13.8

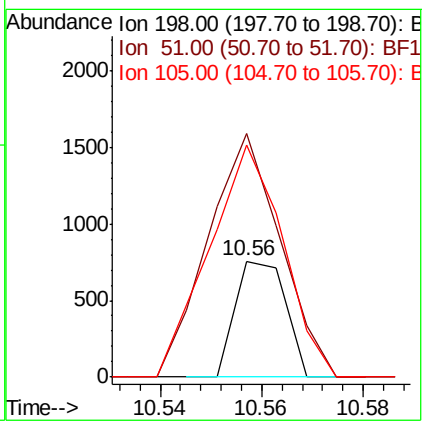


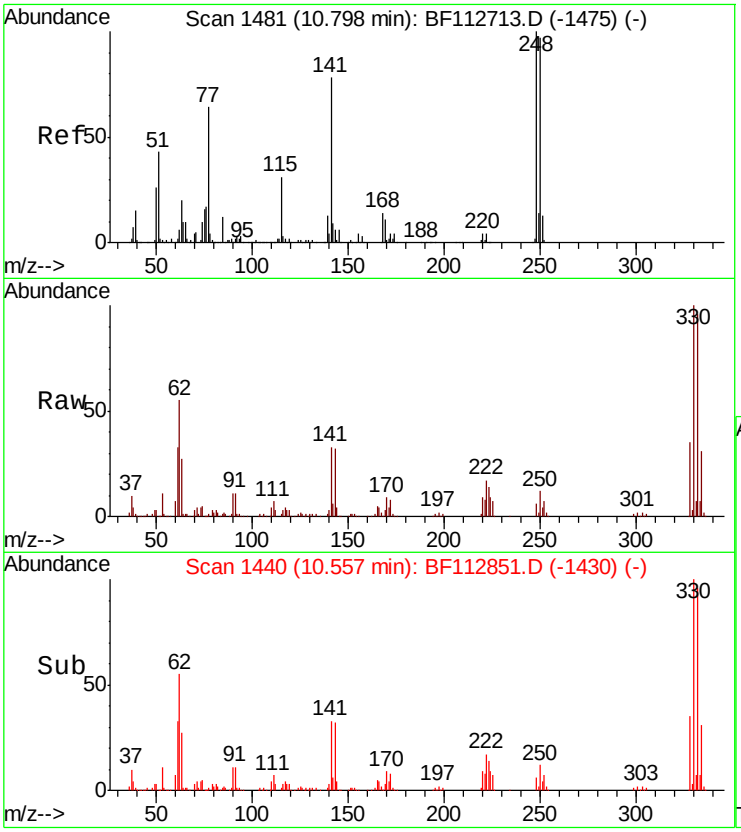


#65
4,6-Dinitro-2-methylphenol
Concen: 4.819 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:198 Resp: 521

Ion	Ratio	Lower	Upper
198	100		
51	209.6	43.8	83.8#
105	199.5	36.5	76.5#



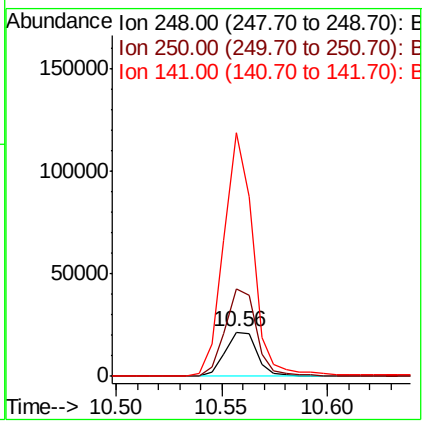


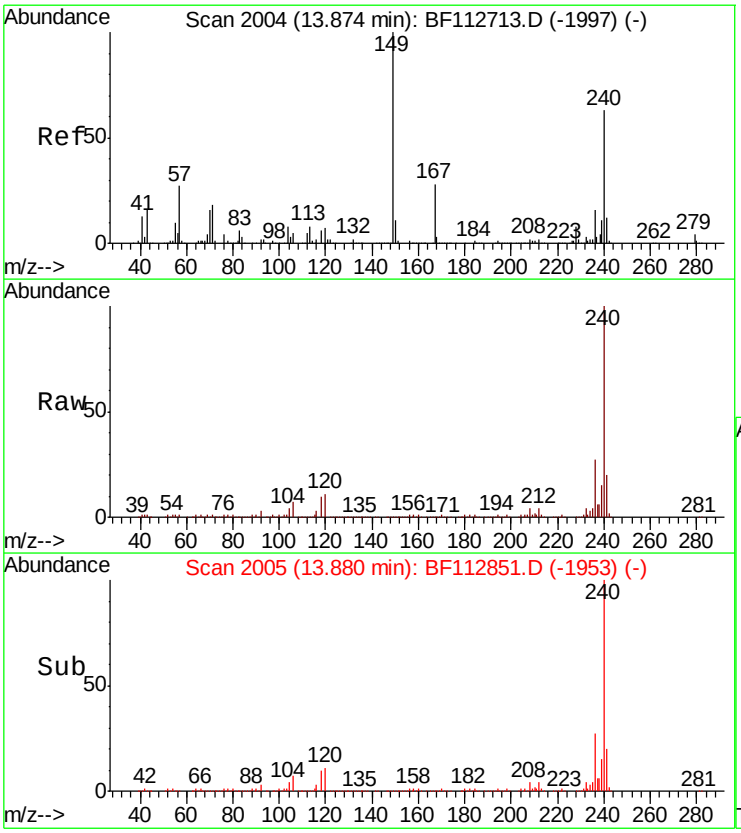
#67
4-Bromophenyl-phenylether
Concen: 3.834 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:248 Resp: 22386

Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.5	116.3#
141	554.0	62.4	93.6#

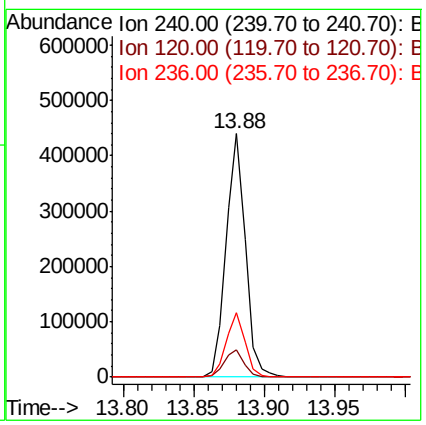


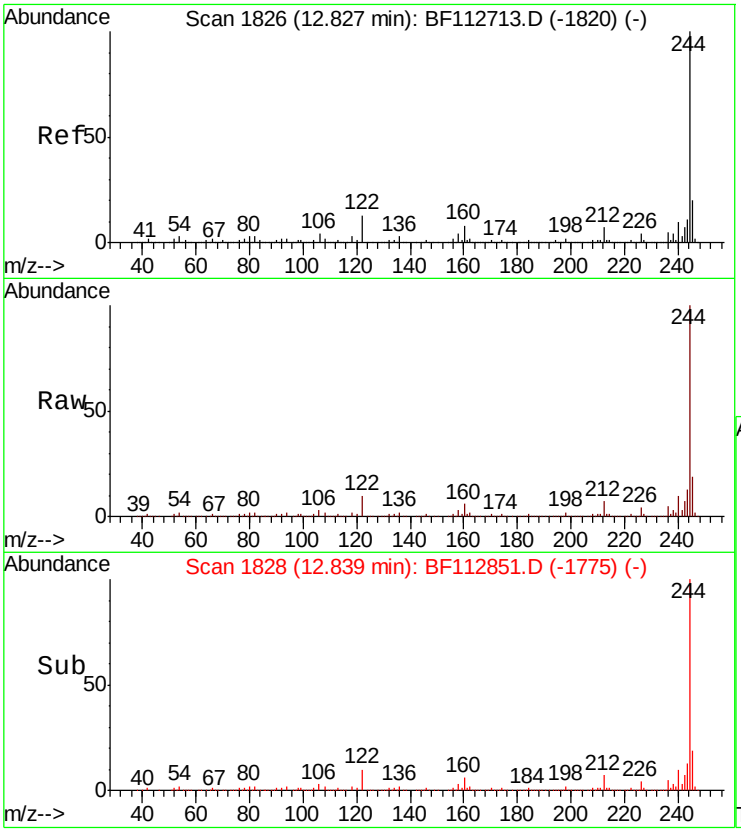


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:240 Resp: 417678

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	26.5	20.7	31.1



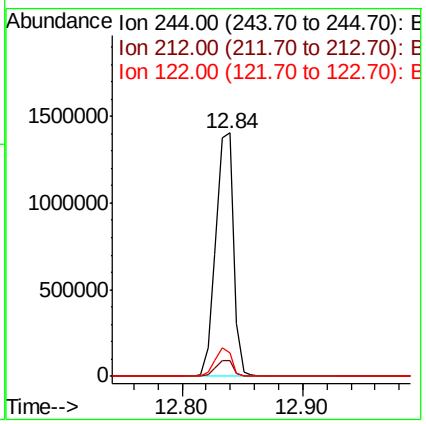


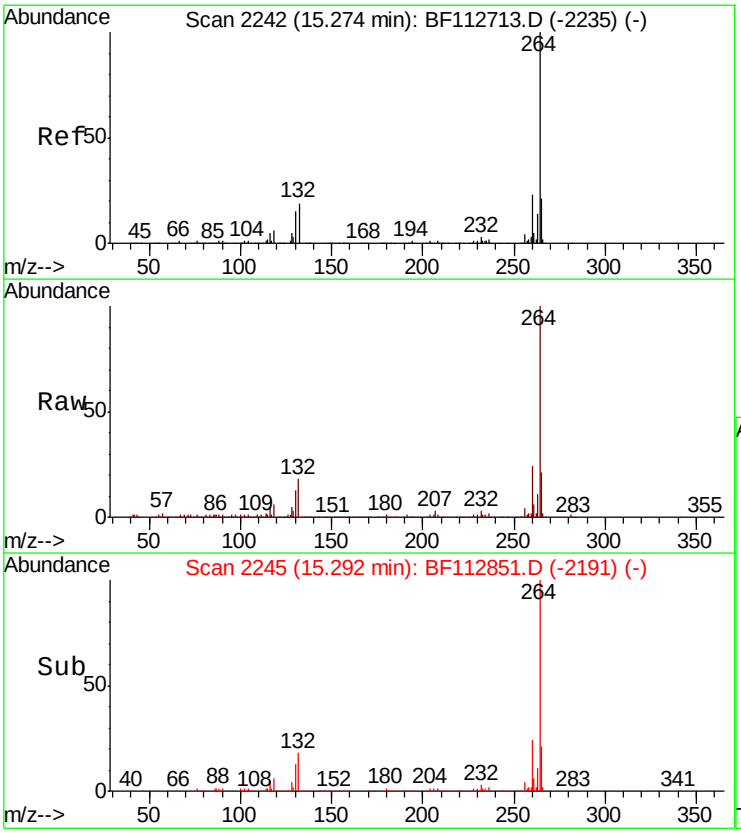
#79
Terphenyl-d14
Concen: 65.771 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Instrument :
BNA_F
ClientSampleId :
PST-028-SW068-022719

Tgt Ion:244 Resp: 1417125

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.5	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112851.D
Acq: 5 Mar 2019 13:13

Tgt Ion:264 Resp: 441860

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.0	17.2	25.8