Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112970.D
Acq On : 11 Mar 2019 22:22
Operator : JU/SJ
Sample : K1691-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-D

Quant Time: Mar 12 04:42:47 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	6.73	152	148380	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	560449	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	354079	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	756828	20.00	ng		0.00
76) Chrysene-d12	13.86	240	541056	20.00	ng		-0.01
87) Perylene-d12	15.27	264	484563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	356332	37.36	ng		-0.01
7) Phenol-d6	6.36	99	492067	41.07	ng		0.00
23) Nitrobenzene-d5	7.29	82	277872	29.67	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	204653	54.44	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	659700	25.24	ng		-0.01
79) Terphenyl-d14	12.82	244	795376	28.50	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	36720	4.839	ng	#	76
25) Isophorone	7.29	82	277870	13.771	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	44423	8.171	ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	44424	6.574	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	204	4.672	ng	#	1
75) Fluoranthene	12.44	202	108226	2.683	ng		95
78) Pyrene	12.67	202	102463	2.246	ng		97
88) Benzo(b)fluoranthene	14.87	252	65927	2.103	ng	#	86
89) Benzo(k)fluoranthene	14.87	252	65927	2.322	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
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CL-02-030819-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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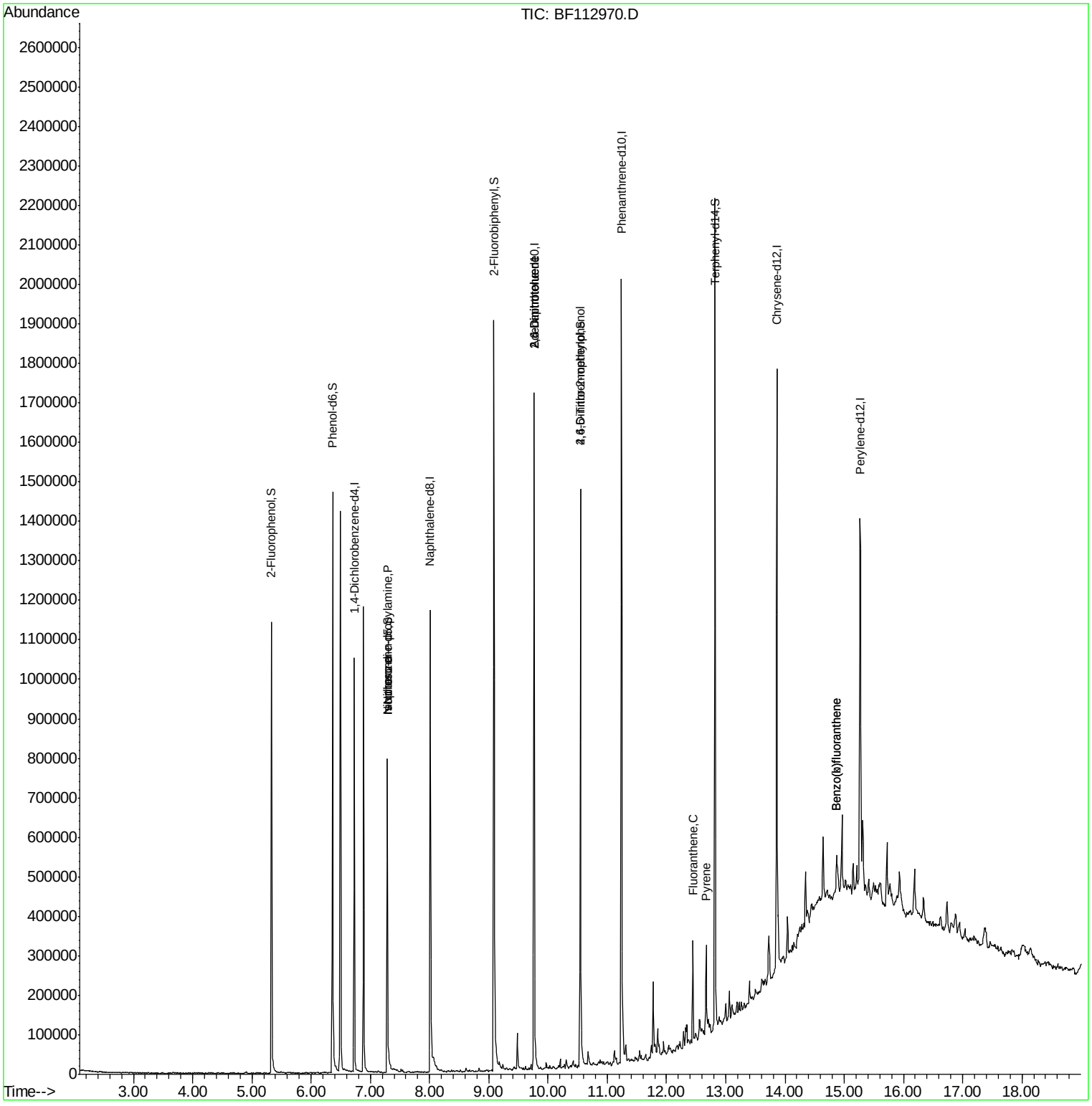
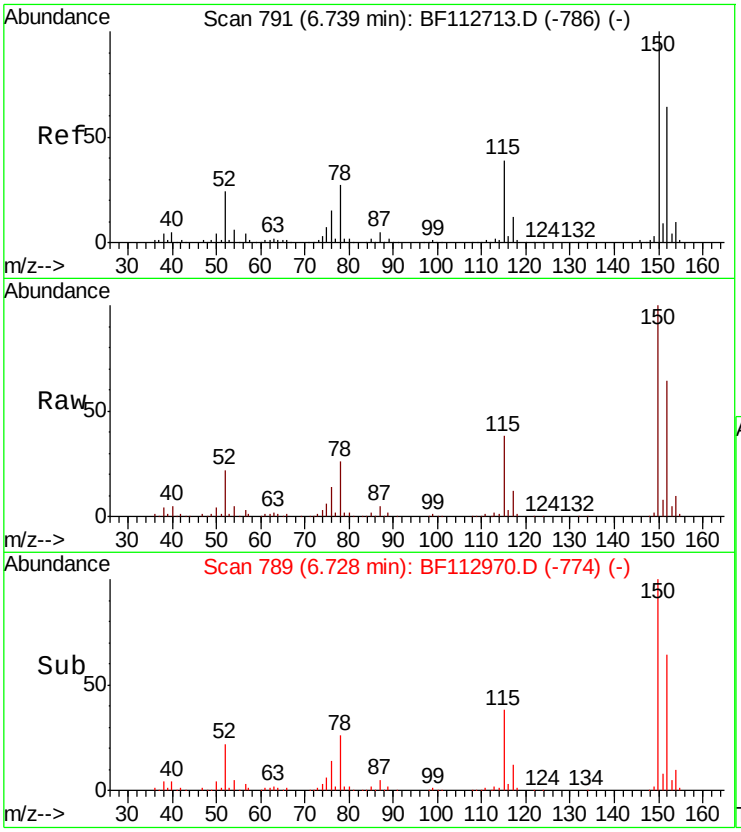


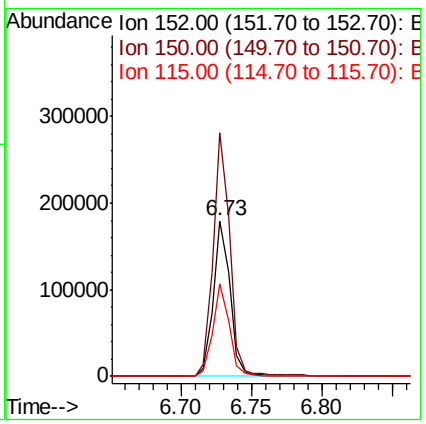


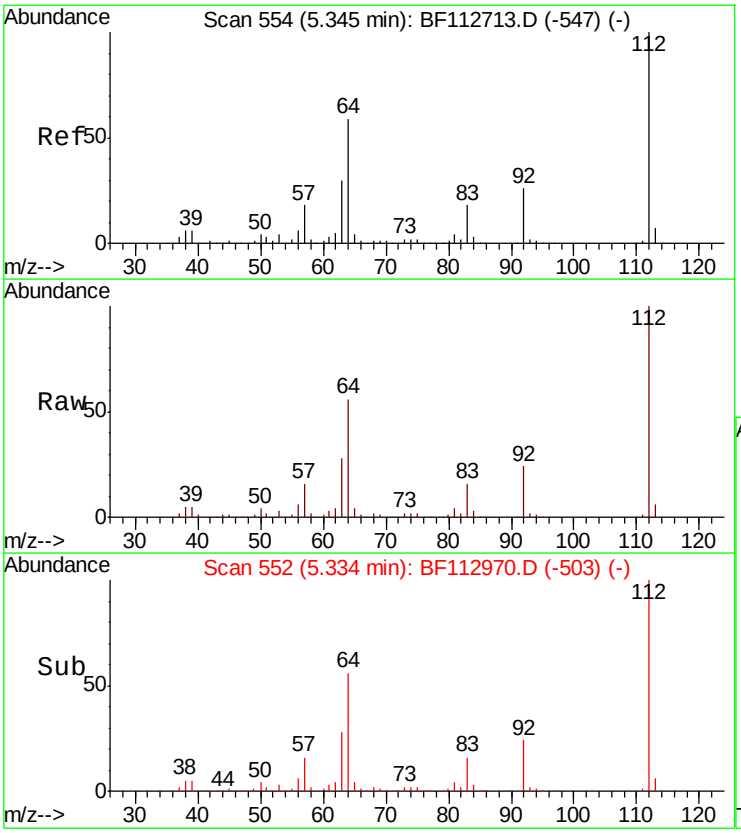
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:152 Resp: 148380

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.4	48.2	72.4

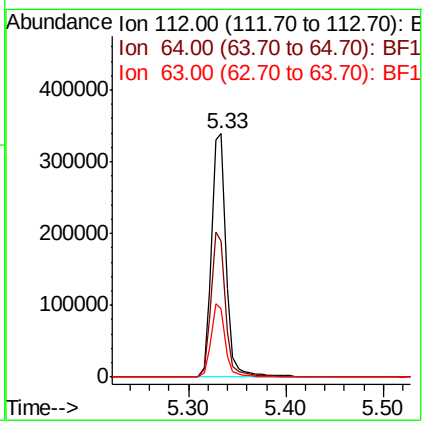


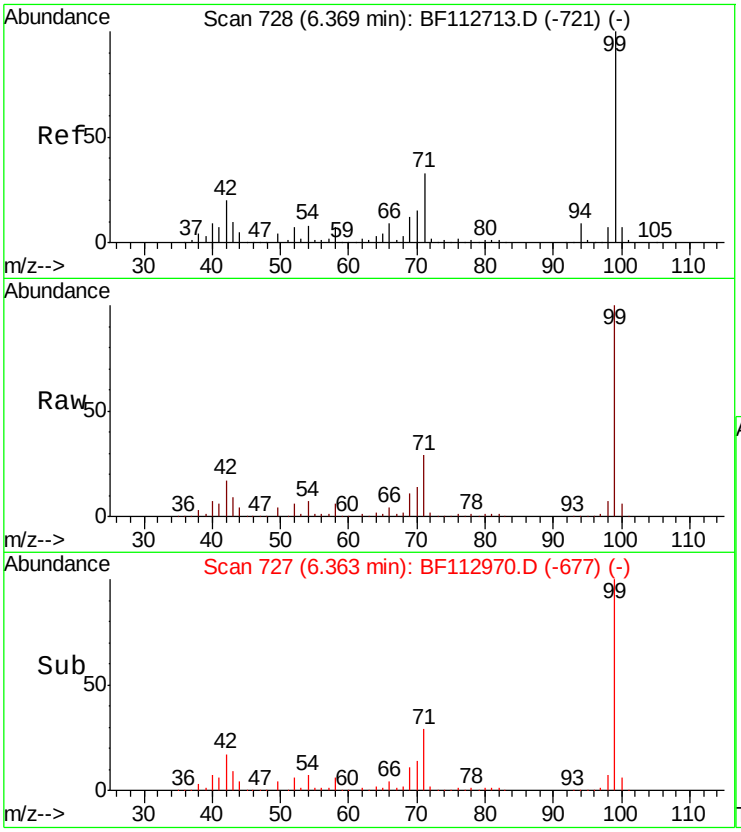


#5
2-Fluorophenol
Concen: 37.356 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:112 Resp: 356332

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.6	71.4
63	27.8	24.4	36.6



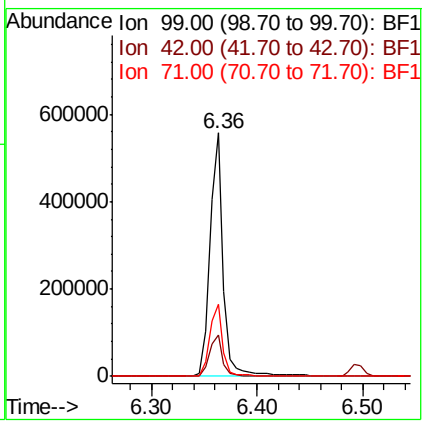


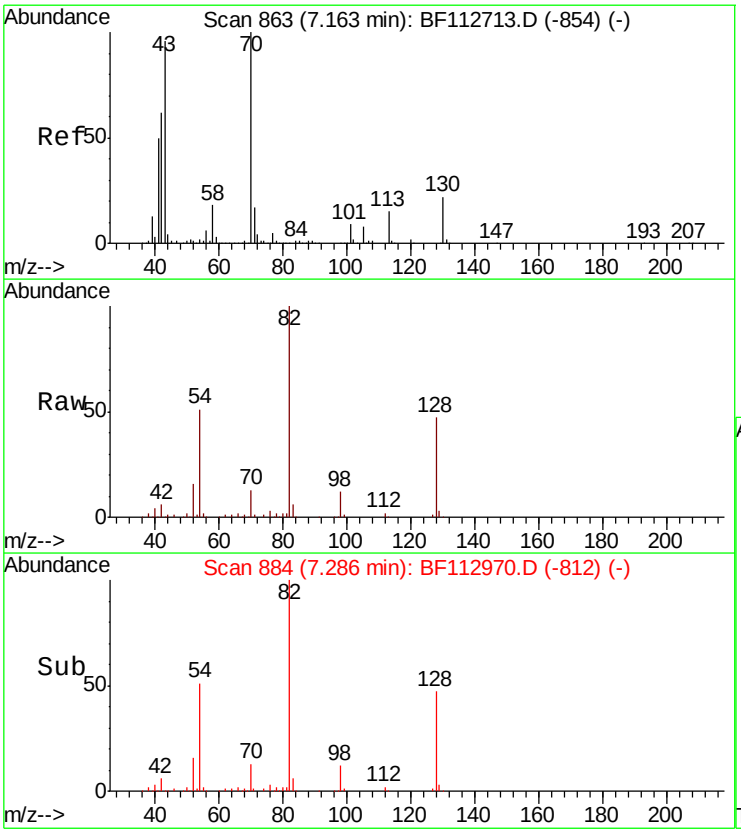
#7
Phenol-d6
Concen: 41.066 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion: 99 Resp: 492067

Ion	Ratio	Lower	Upper
99	100		
42	16.9	16.3	24.5
71	29.5	26.2	39.4

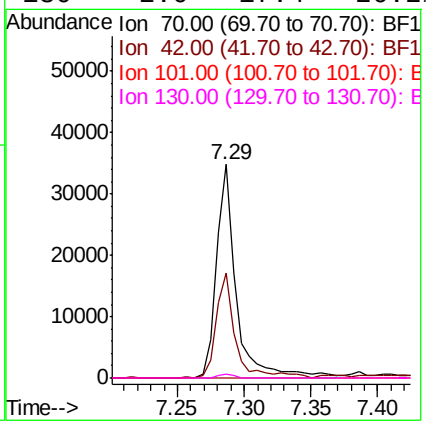


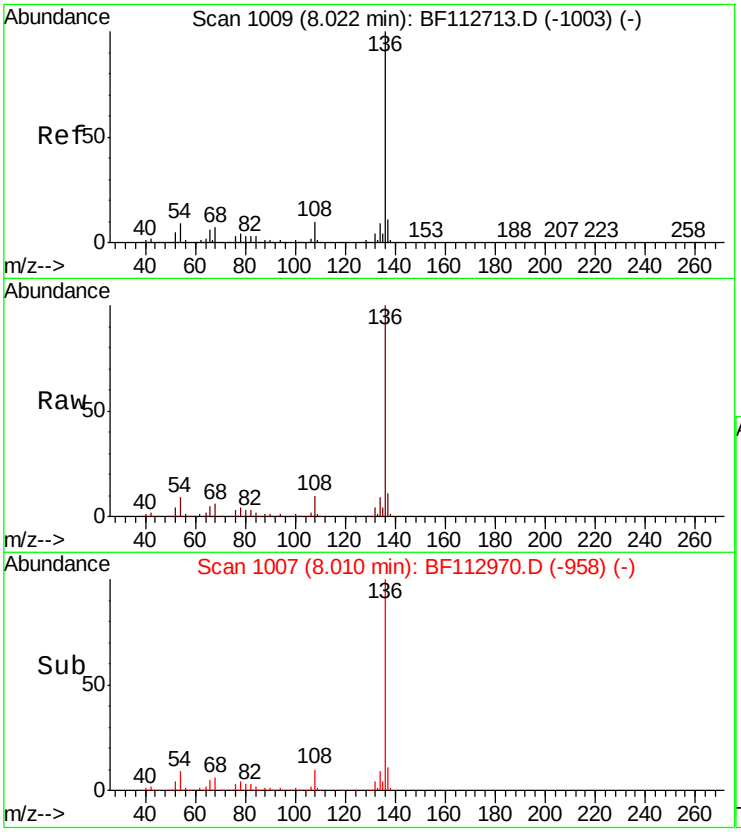


#19
n-Nitroso-di-n-propylamine
Concen: 4.839 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion: 70 Resp: 36720

Ion	Ratio	Lower	Upper
70	100		
42	49.1	49.9	74.9#
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



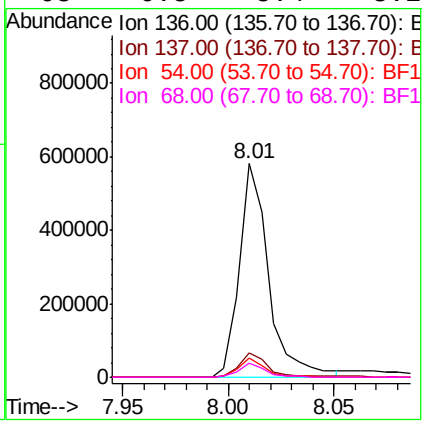


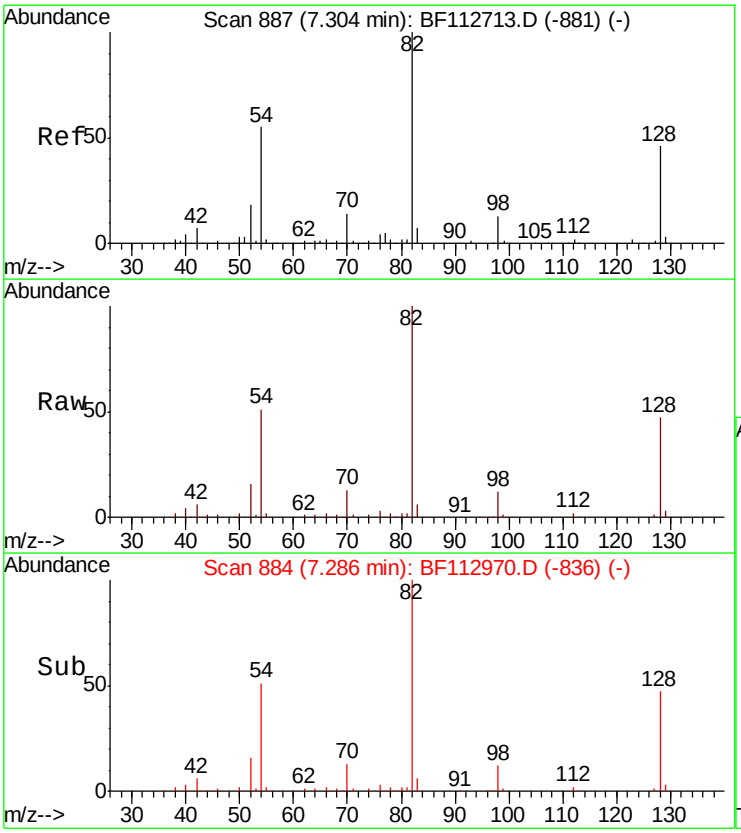
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:136 Resp: 560449

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	7.3	10.9
68	6.5	5.4	8.2

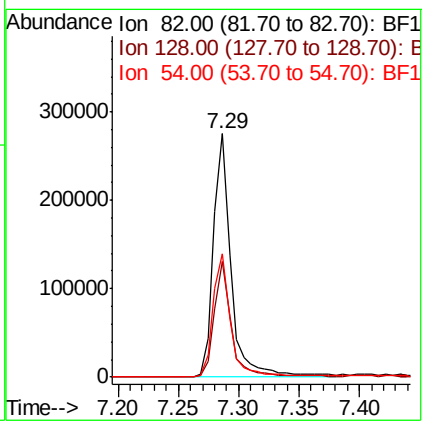


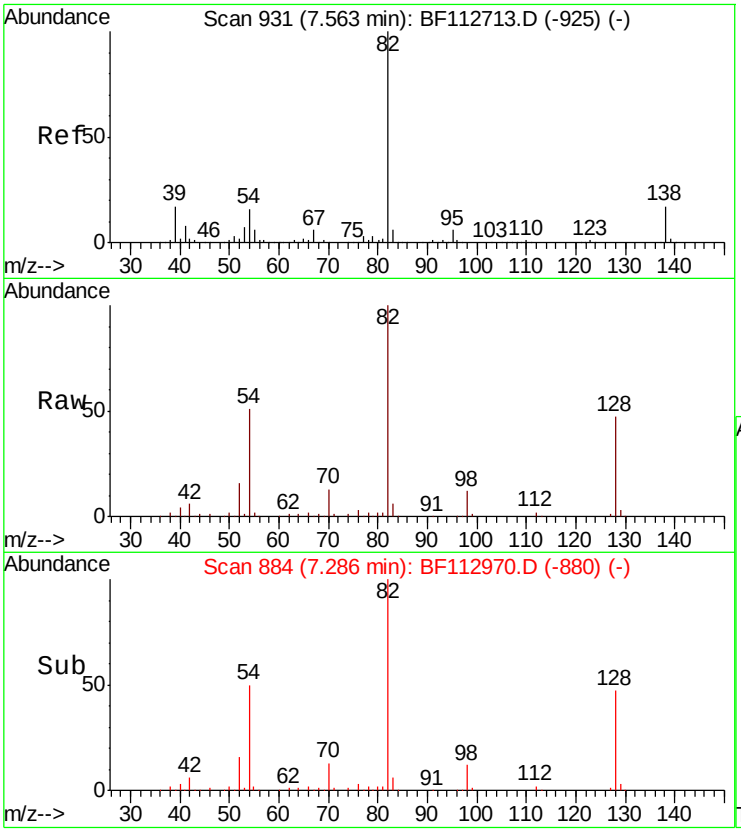


#23
Nitrobenzene-d5
Concen: 29.668 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion: 82 Resp: 277872

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	50.6	43.7	65.5



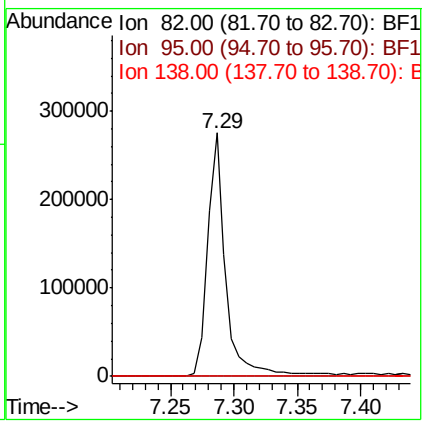


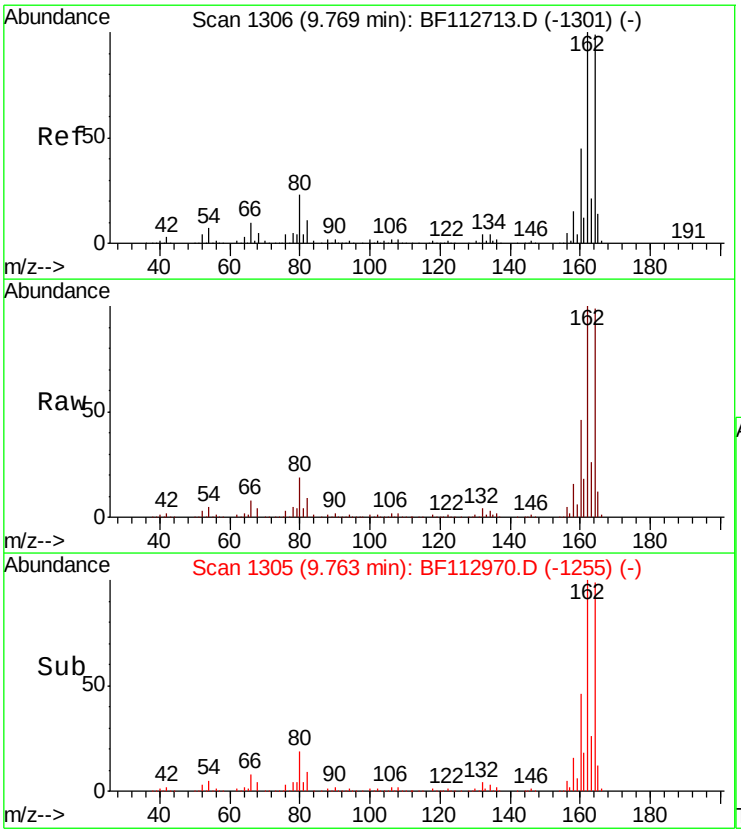
#25
Isophorone
Concen: 13.771 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion: 82 Resp: 277870

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

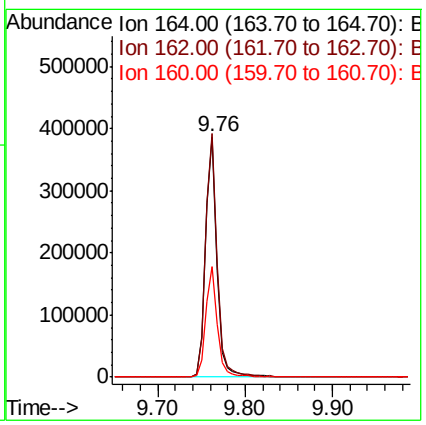


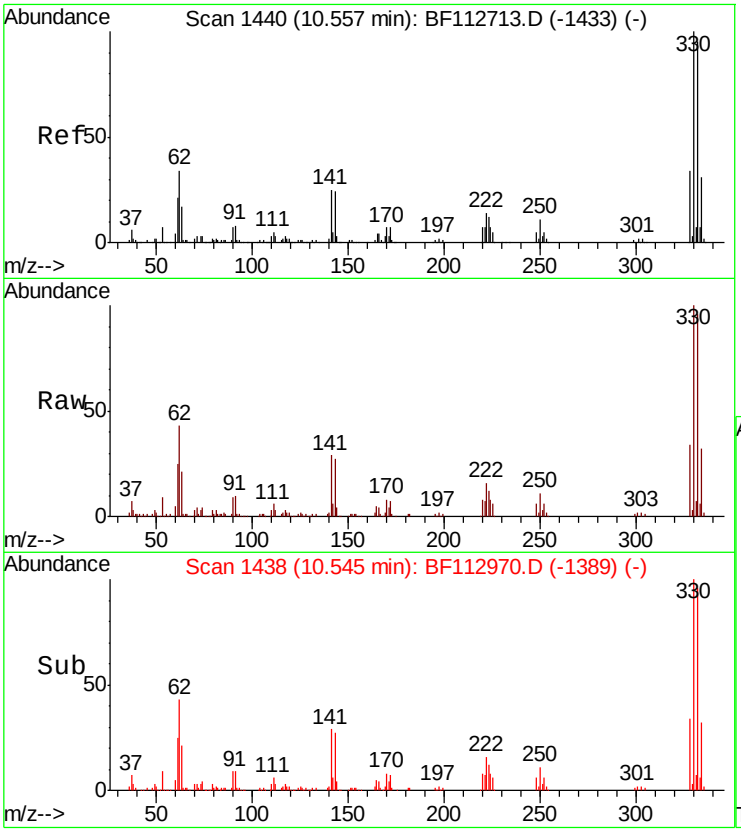


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:164 Resp: 354079

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.3	36.0	54.0



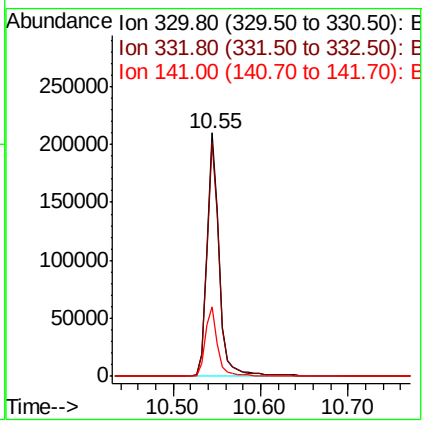


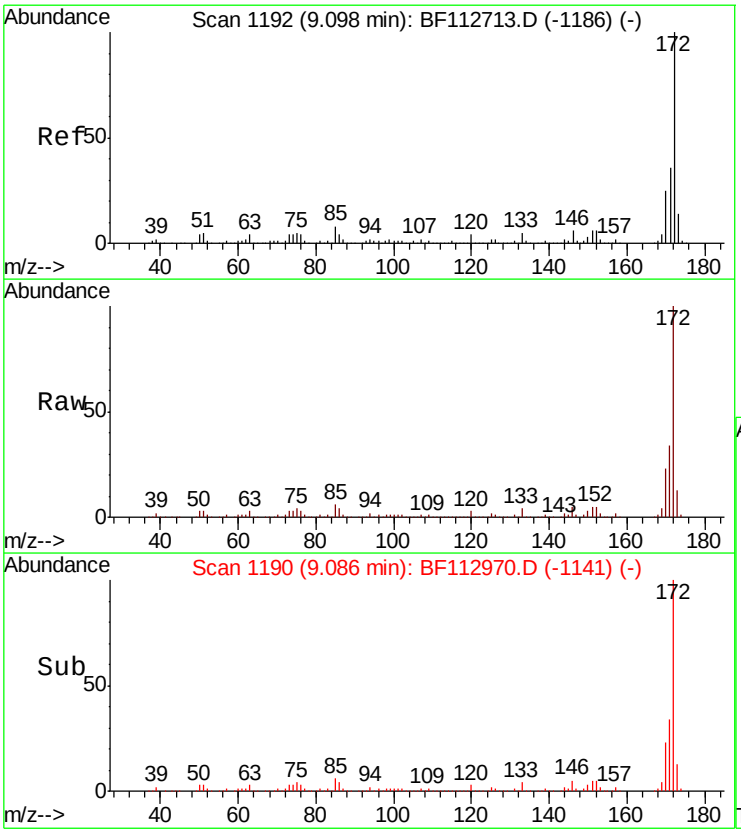
#42
2,4,6-Tribromophenol
Concen: 54.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:330 Resp: 204653

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	28.9	27.0	40.6

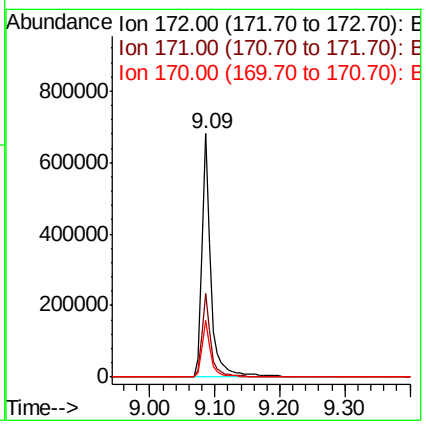


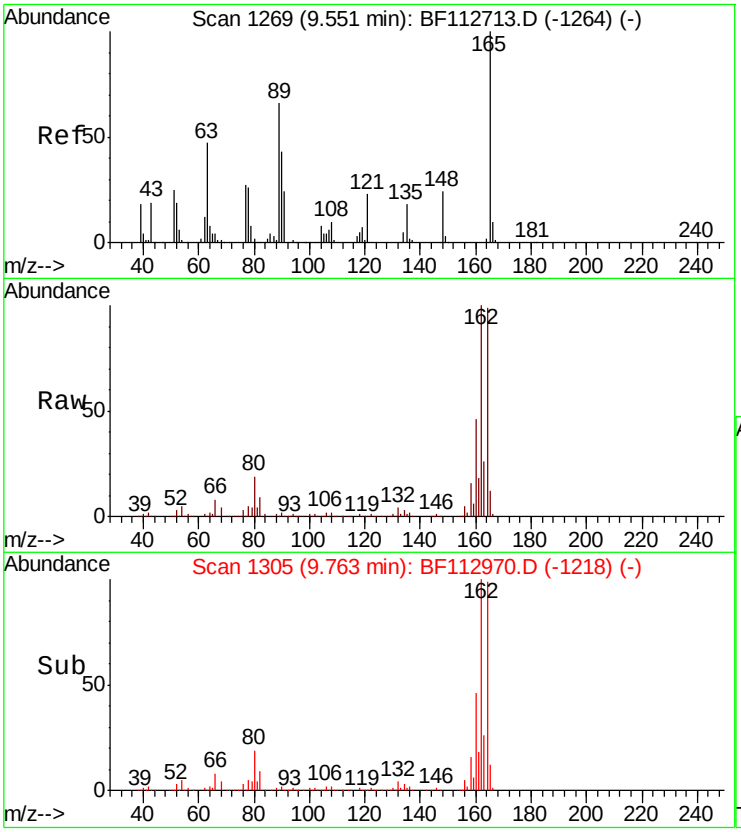


#45
2-Fluorobiphenyl
Concen: 25.238 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:172 Resp: 659700

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.5	20.0	30.0



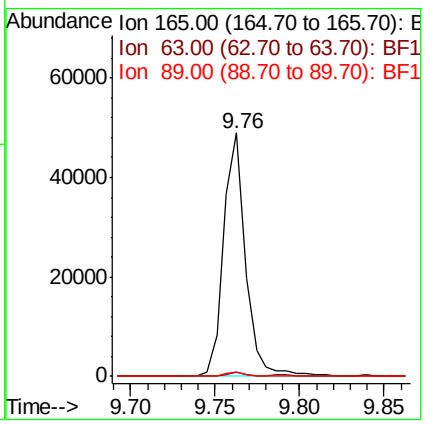


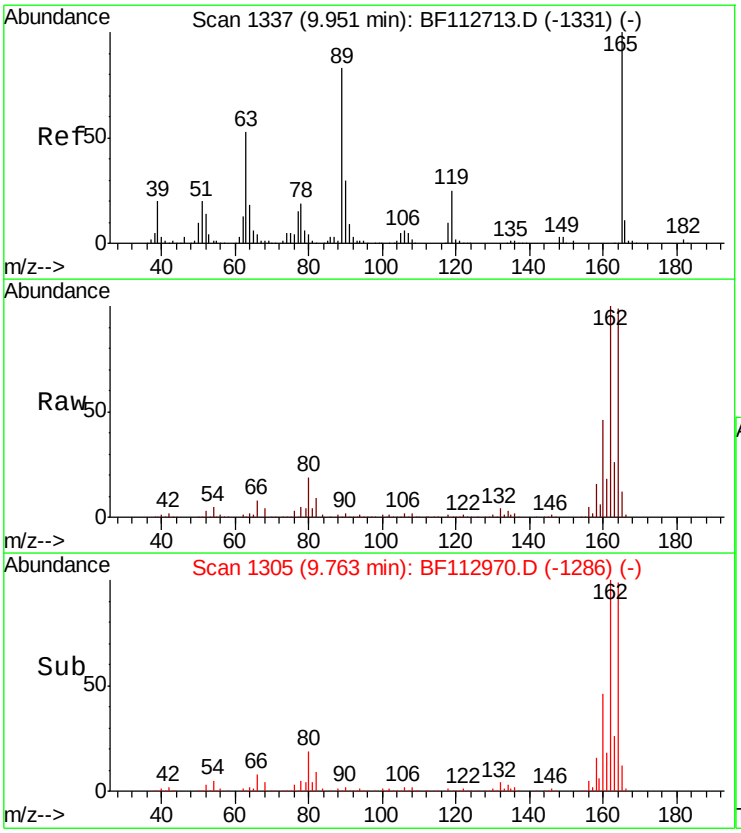
#51
2,6-Dinitrotoluene
Concen: 8.171 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:165 Resp: 44423

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.7	52.8	79.2#

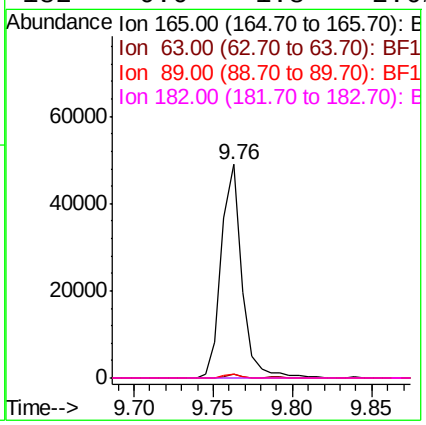


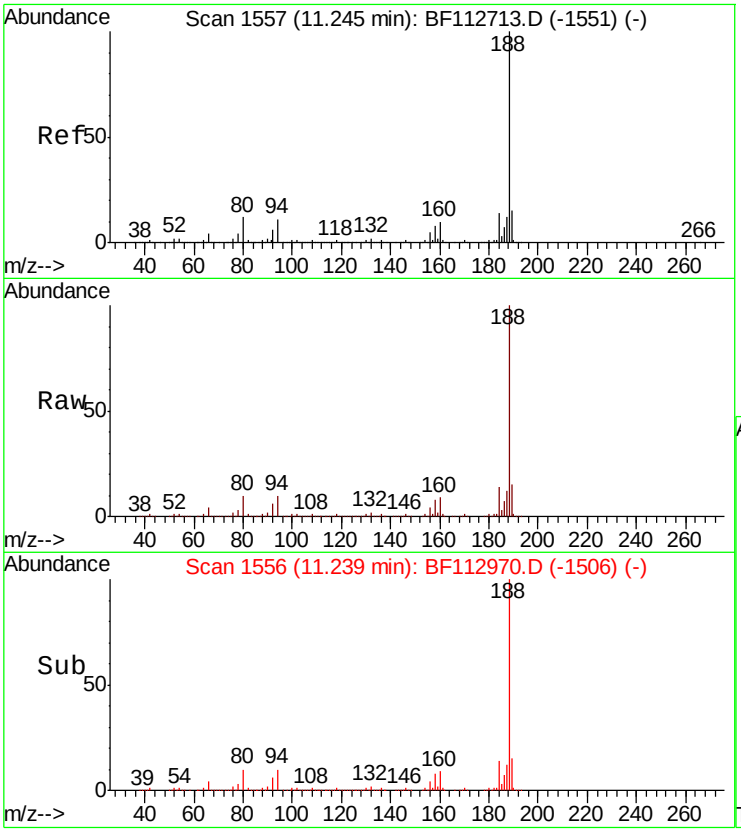


#57
2,4-Dinitrotoluene
Concen: 6.574 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:165 Resp: 44424

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#



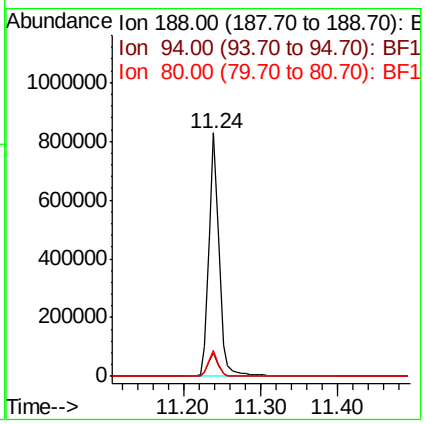


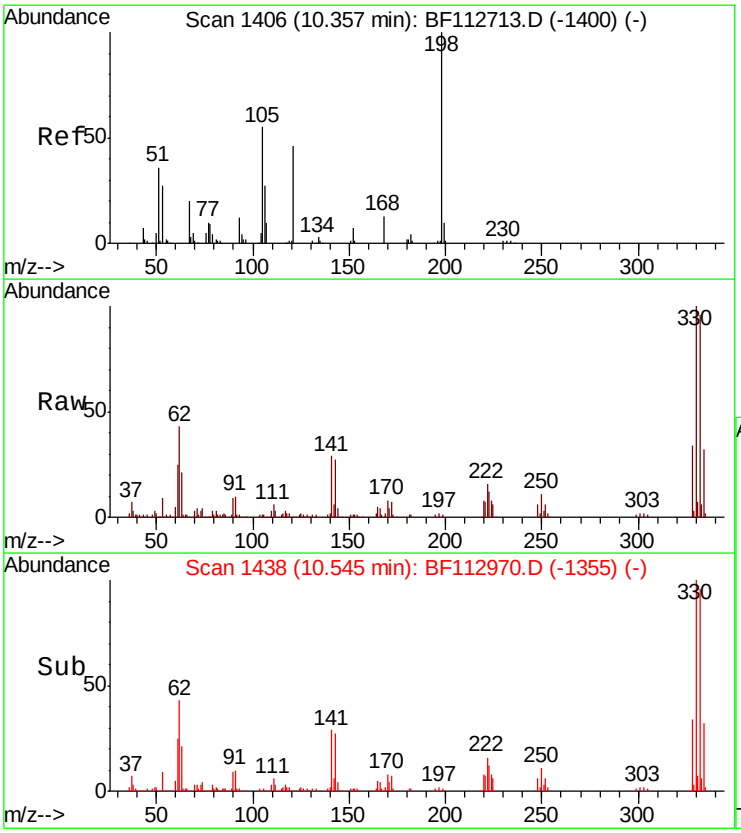
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:188 Resp: 756828

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.5	9.2	13.8

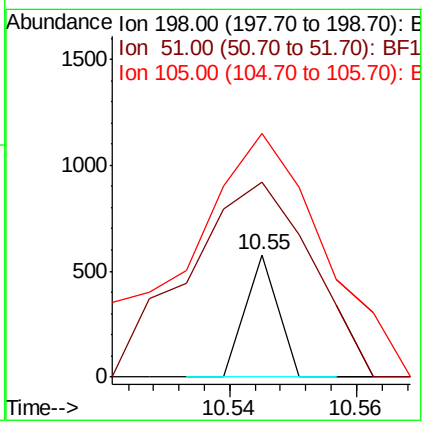


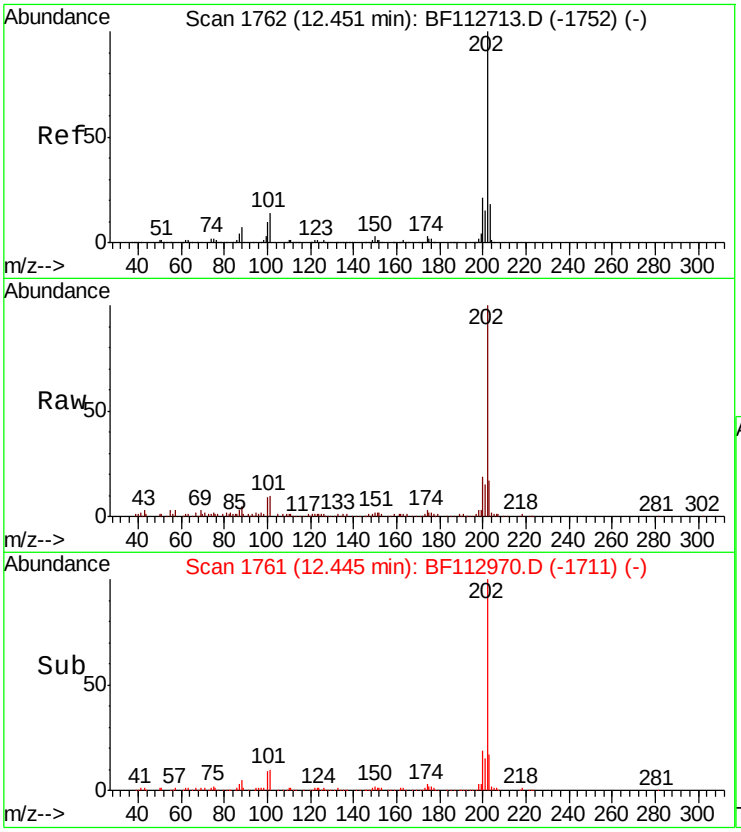


#65
4,6-Dinitro-2-methylphenol
Concen: 4.672 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:198 Resp: 204

Ion	Ratio	Lower	Upper
198	100		
51	160.0	43.8	83.8#
105	199.3	36.5	76.5#



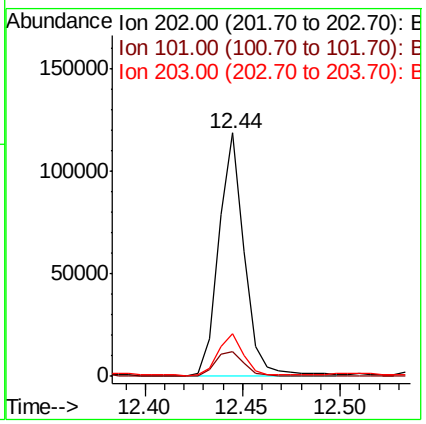


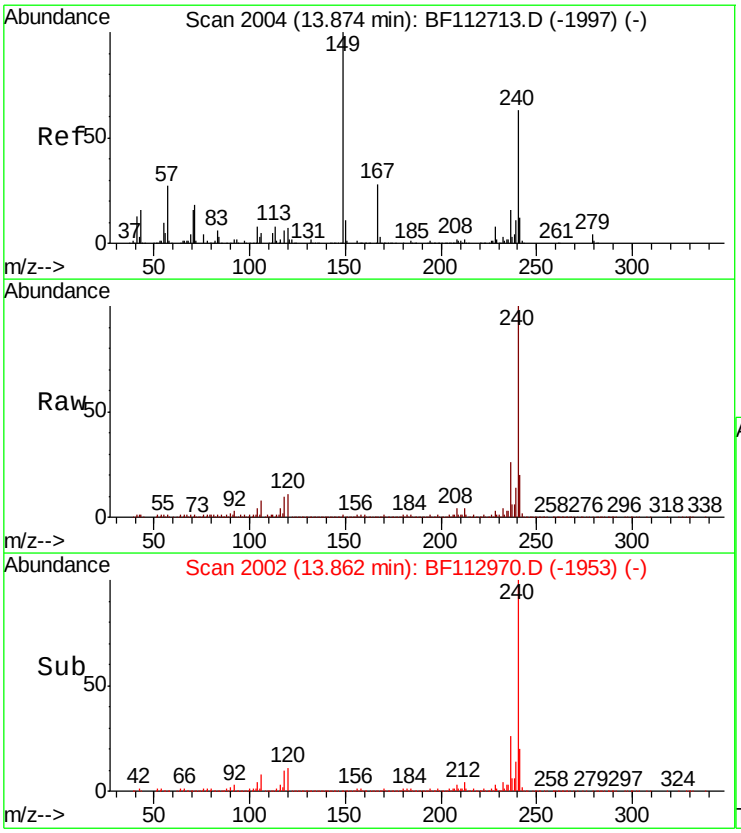
#75
Fluoranthene
Concen: 2.683 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:202 Resp: 108226

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.8
203	17.3	0.0	38.4

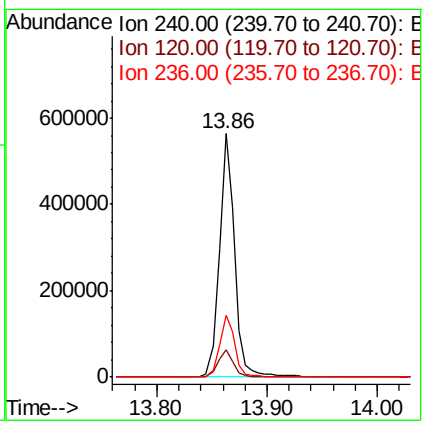


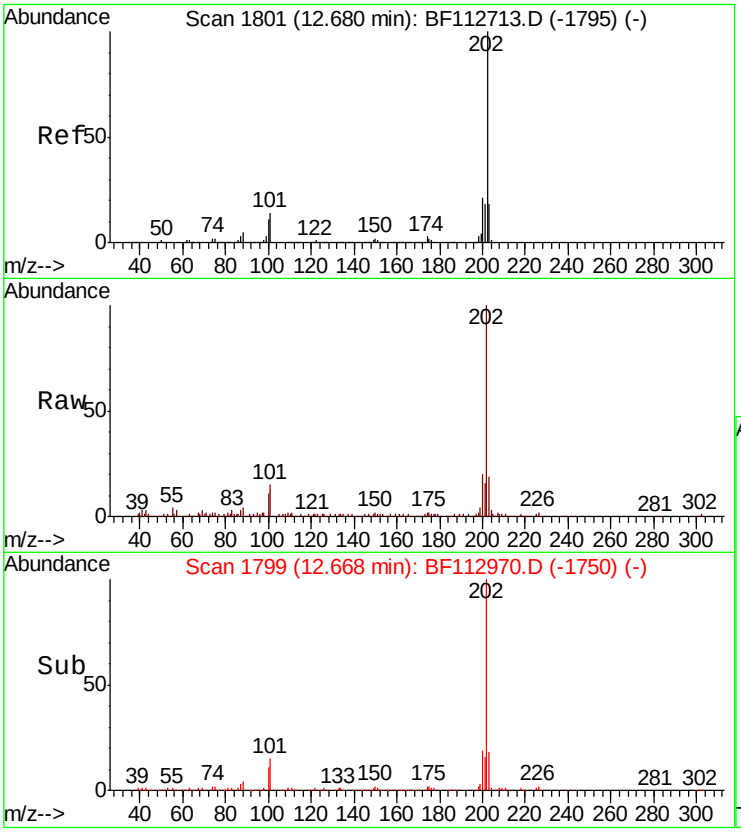


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:240 Resp: 541056

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.7	20.7	31.1



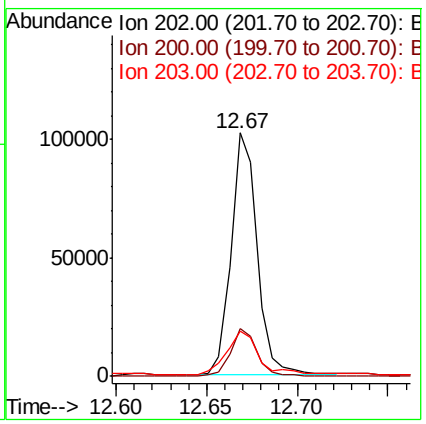


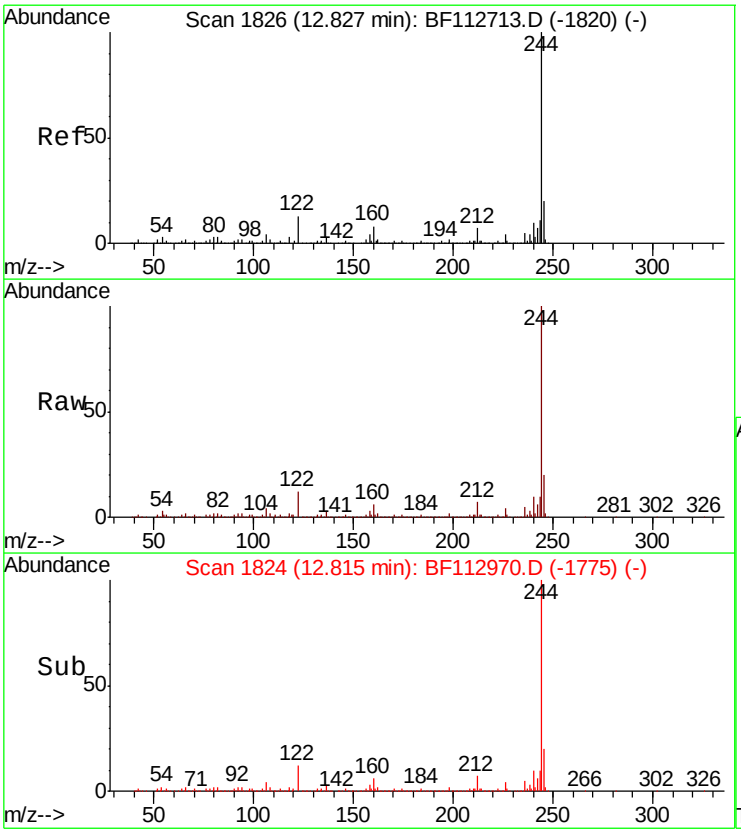
#78
Pyrene
Concen: 2.246 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:202 Resp: 102463

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	18.7	14.4	21.6

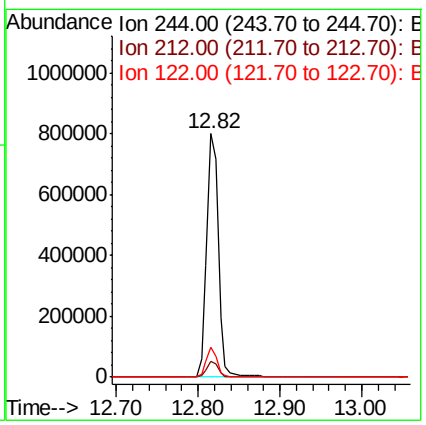


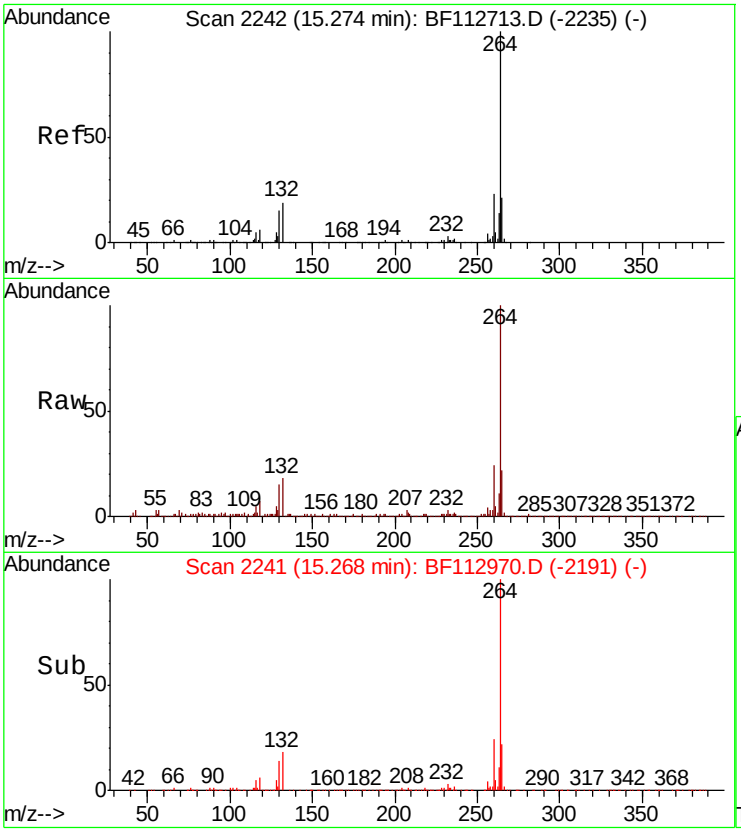


#79
Terphenyl-d14
Concen: 28.497 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:244 Resp: 795376

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.2	10.5	15.7



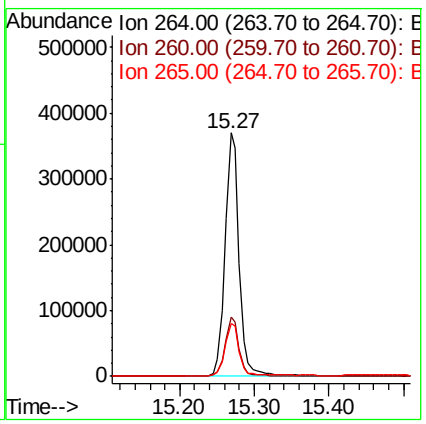


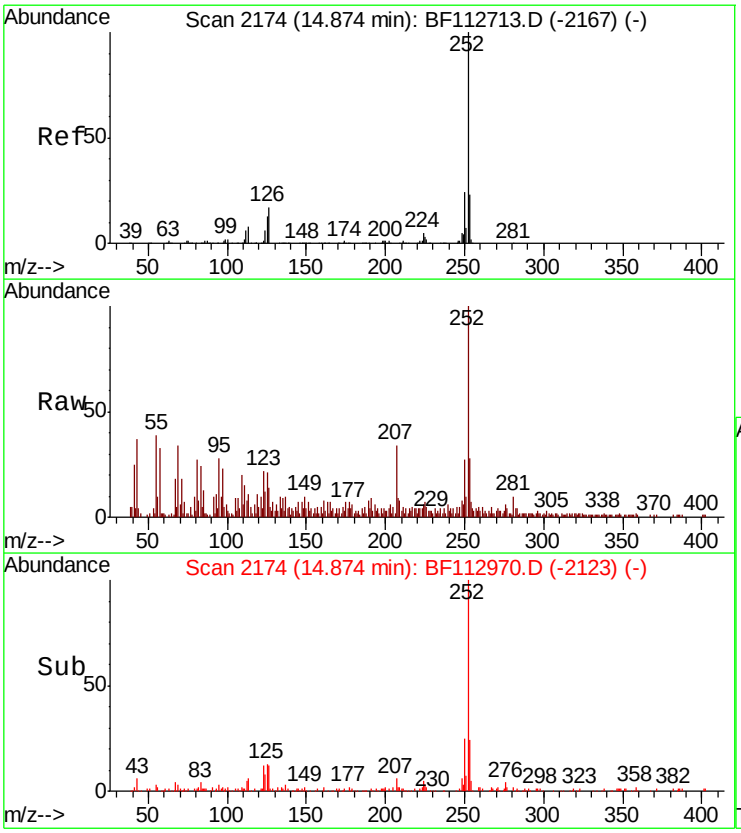
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:264 Resp: 484563

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.9	17.2	25.8

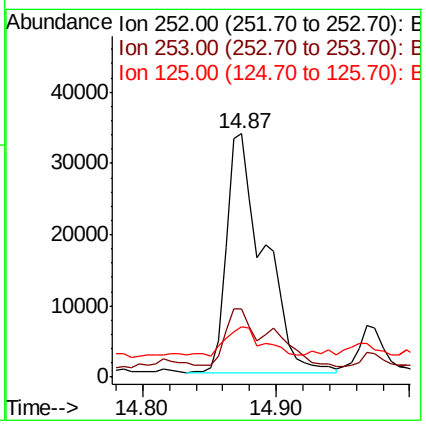


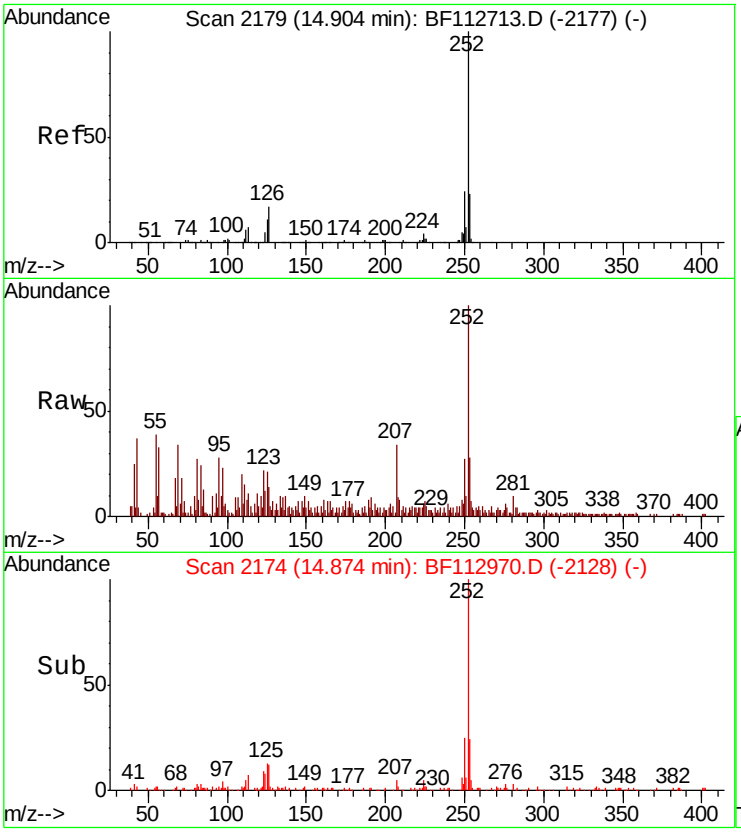


#88
Benzo(b)fluoranthene
Concen: 2.103 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:252 Resp: 65927

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	20.6	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 2.322 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tgt Ion:252 Resp: 65927

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	20.6	9.8	14.6#