Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120013.D
Acq On : 16 Apr 2020 1:04
Operator : MA/SJ
Sample : L2198-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-43-COMP

Quant Time: Apr 16 04:26:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	175625	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	668815	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	356308	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	695950	20.00	ng		0.00
76) Chrysene-d12	13.89	240	520945	20.00	ng		-0.01
87) Perylene-d12	15.31	264	396064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1329671	130.84	ng		0.00
7) Phenol-d6	6.36	99	1517311	115.87	ng		0.00
23) Nitrobenzene-d5	7.29	82	1176574	91.01	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	514114	117.85	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2209065	88.02	ng		0.00
79) Terphenyl-d14	12.84	244	2627090	84.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	727	Below Cal			94
15) Benzyl Alcohol	6.88	79	21022	2.067	ng	#	49
19) n-Nitroso-di-n-propylamine	7.29	70	154287	18.323	ng	#	74
25) Isophorone	7.29	82	1171696	47.015	ng	#	65
27) 2,4-Dimethylphenol	7.74	122	36872	3.763	ng	#	3
32) Benzoic acid	7.74	122	36872	4.284	ng		95
51) 2,6-Dinitrotoluene	9.76	165	46523	7.709	ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	46523	5.851	ng	#	22
67) 4-Bromophenyl-phenylether	10.56	248	32333	3.736	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120013.D
Acq On : 16 Apr 2020 1:04
Operator : MA/SJ
Sample : L2198-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_F
ClientSampleId :
TP-43-COMP

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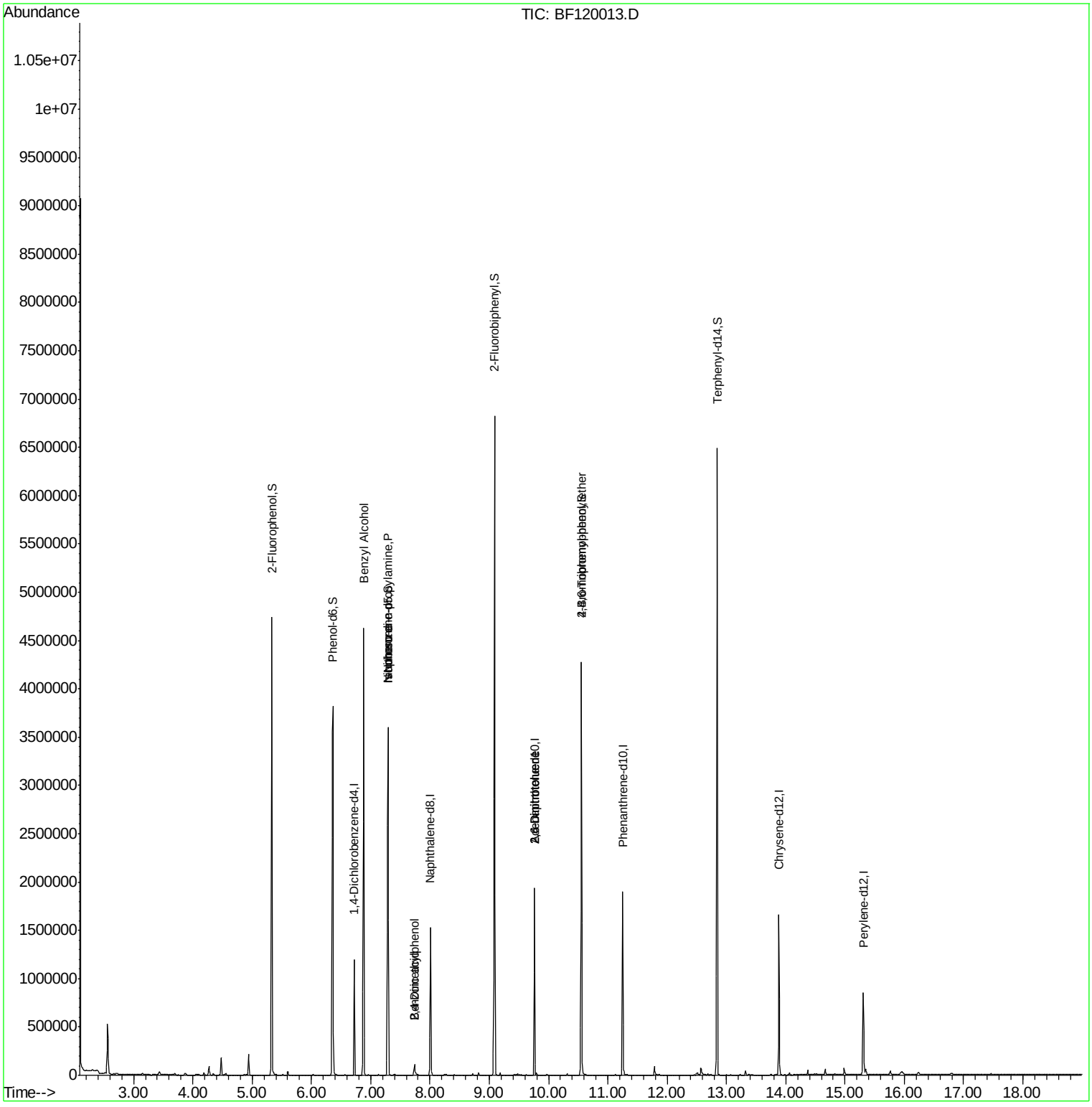
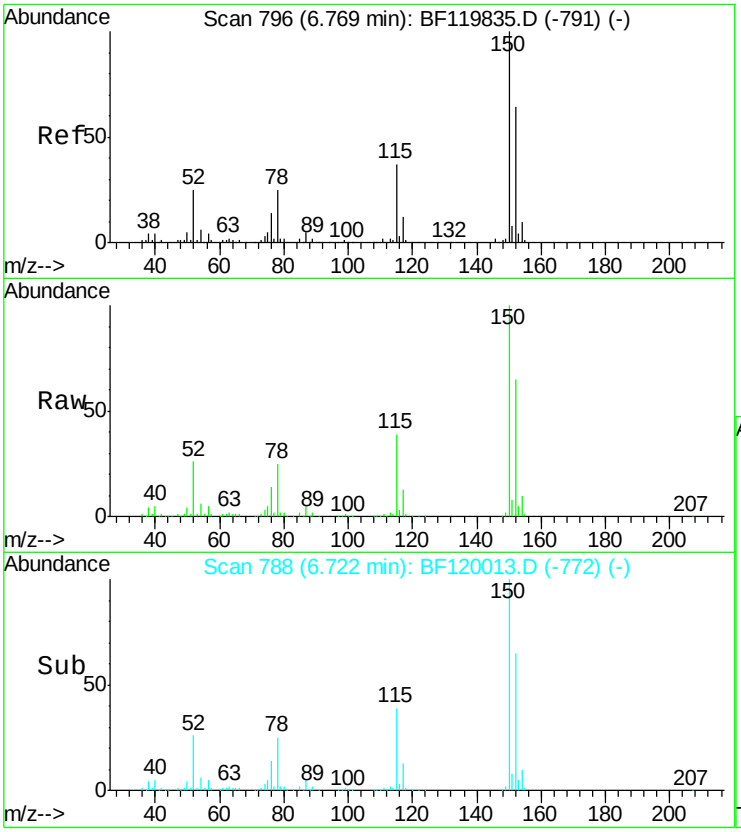


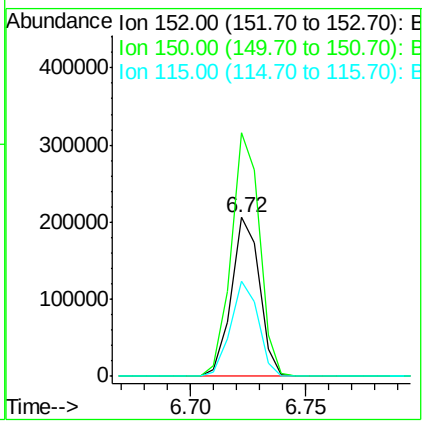


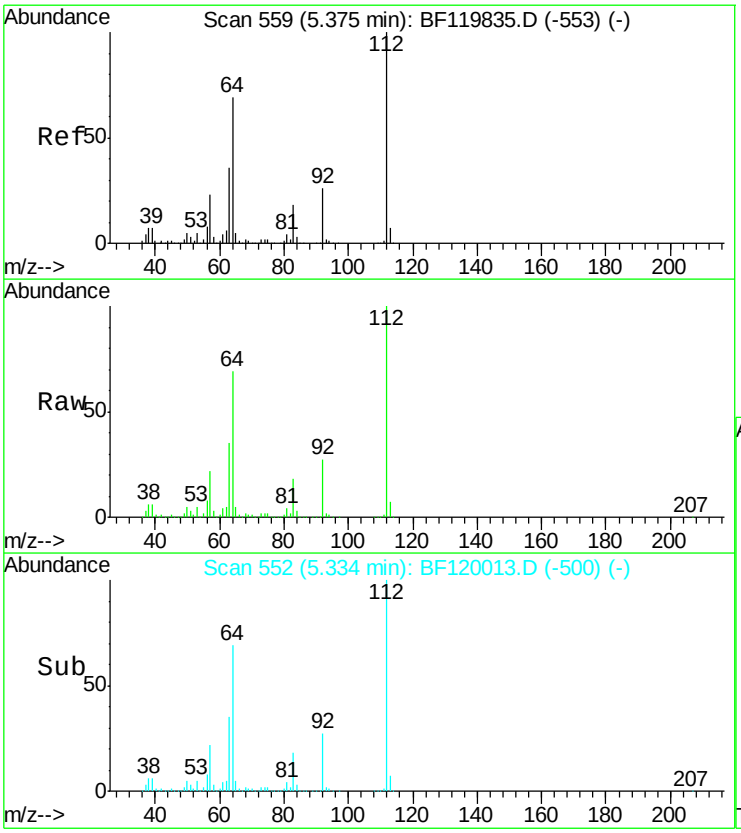
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:152 Resp: 175625

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.8	187.2
115	60.0	46.5	69.7

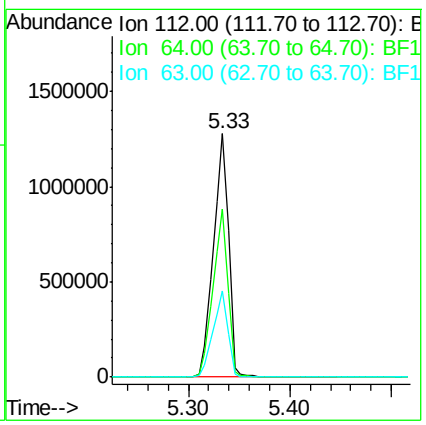


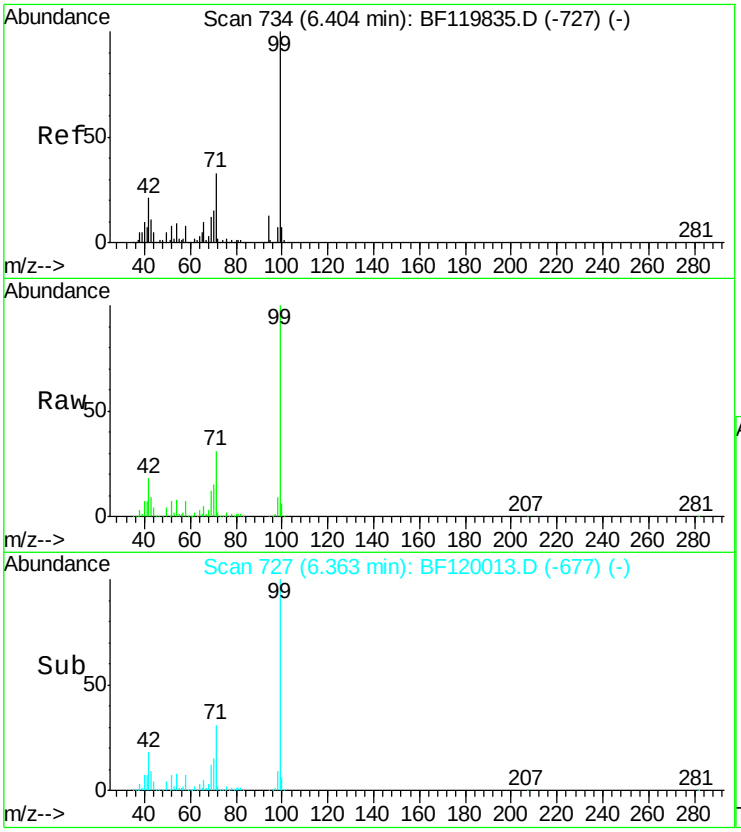


#5
2-Fluorophenol
Concen: 130.842 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:112 Resp: 1329671

Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.5	83.3
63	35.5	29.1	43.7



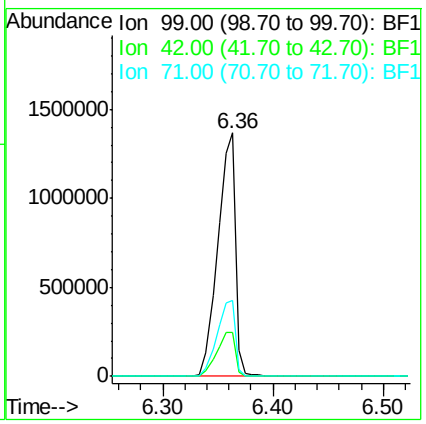


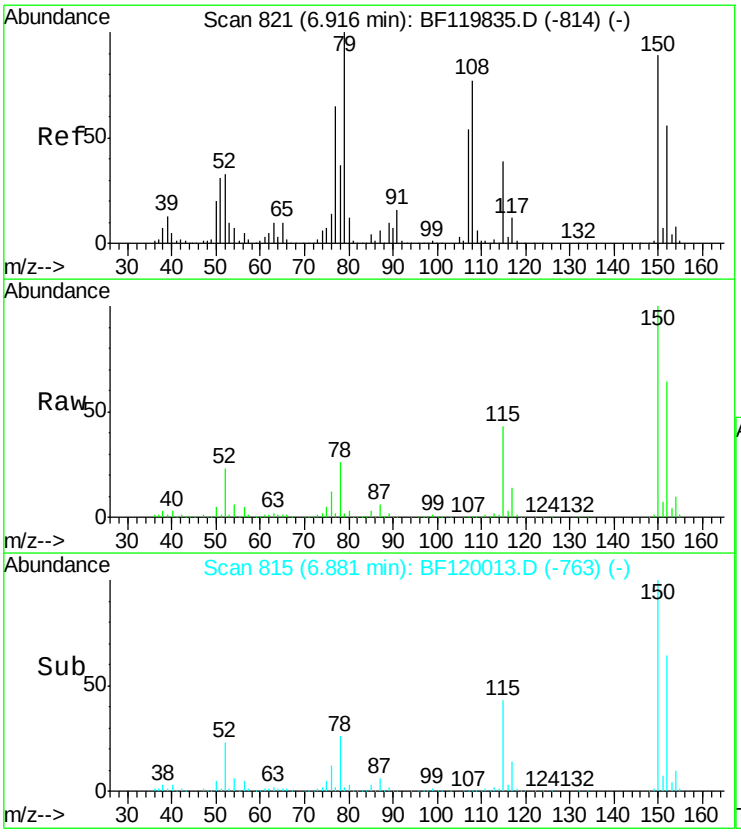
#7
Phenol-d6
Concen: 115.872 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion: 99 Resp: 1517311

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.9	25.3
71	31.3	26.3	39.5

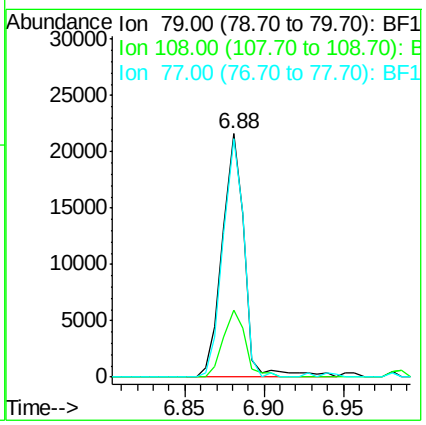


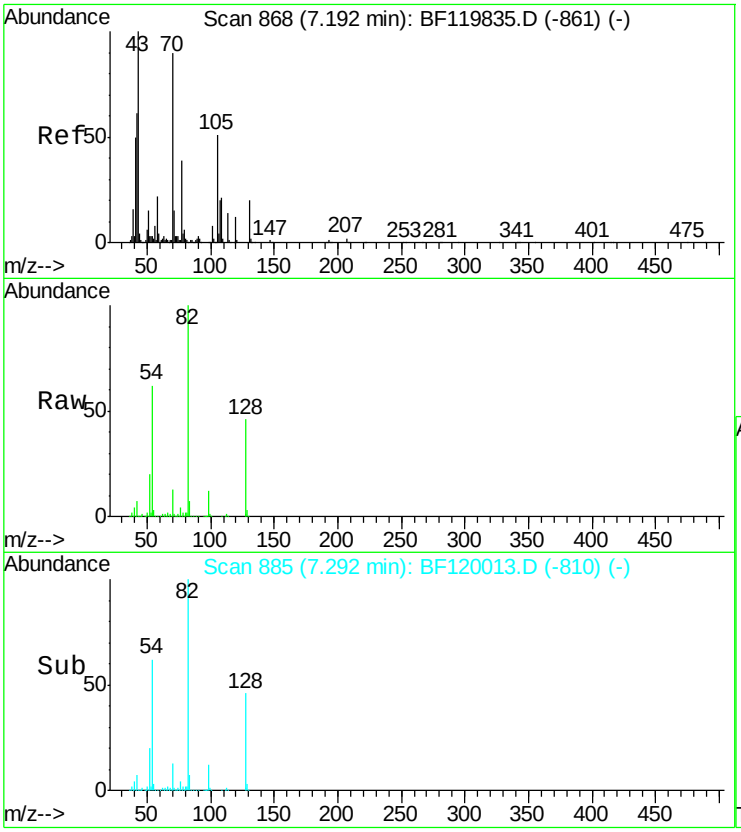


#15
Benzyl Alcohol
Concen: 2.067 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion: 79 Resp: 21022

Ion	Ratio	Lower	Upper
79	100		
108	27.6	62.0	93.0#
77	98.2	51.8	77.6#



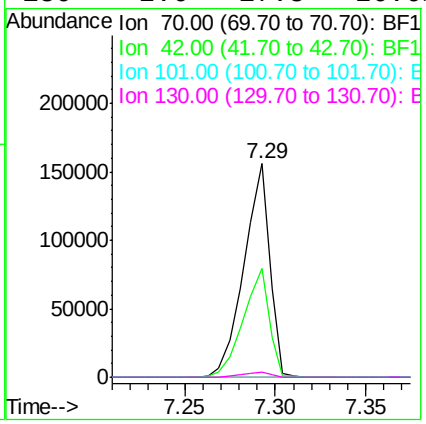


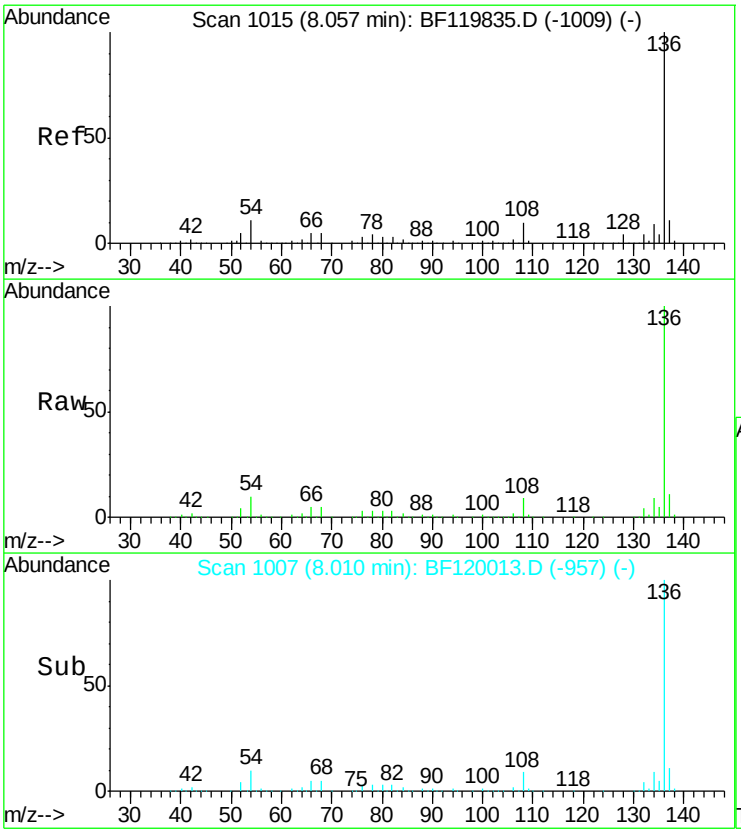
#19
n-Nitroso-di-n-propylamine
Concen: 18.323 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion: 70 Resp: 154287

Ion	Ratio	Lower	Upper
70	100		
42	50.9	54.2	81.4#
101	0.0	7.4	11.2#
130	2.6	17.8	26.6#

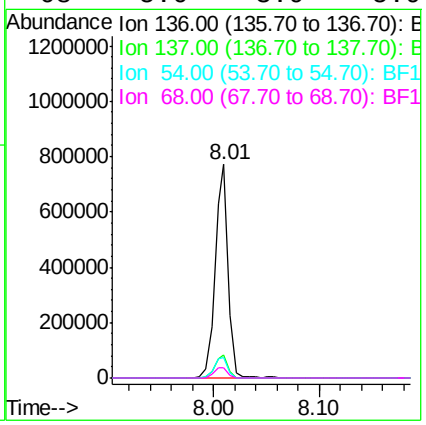


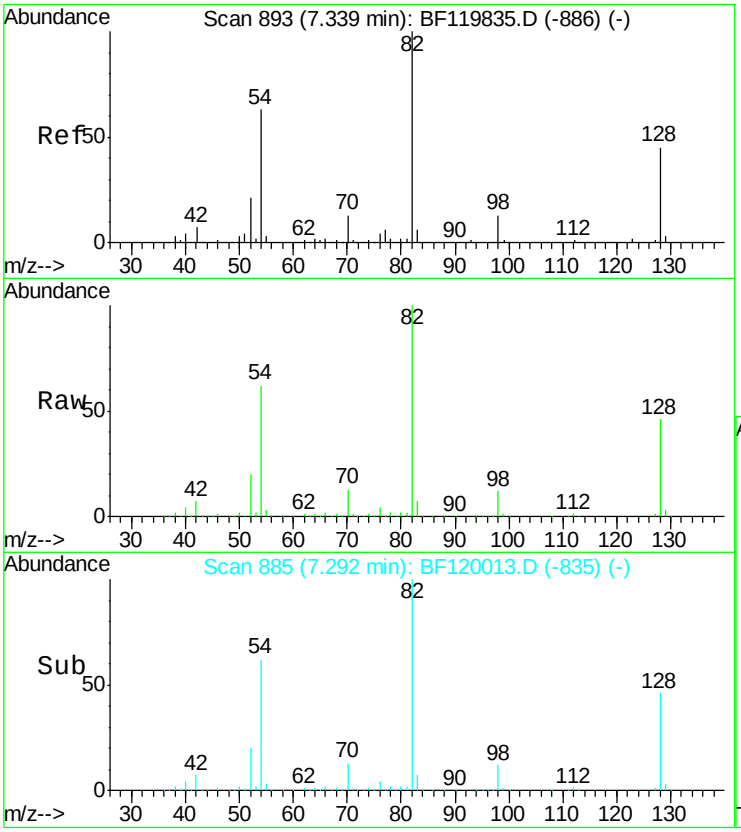


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:136 Resp: 668815

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	8.5	12.7
68	5.0	3.9	5.9



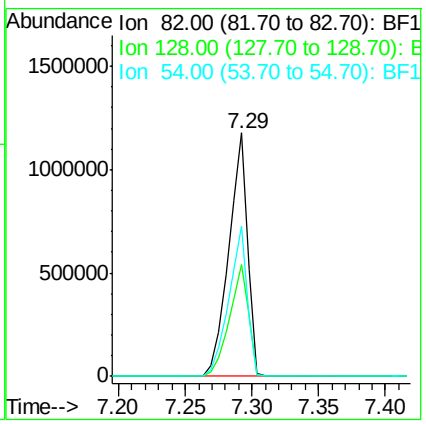


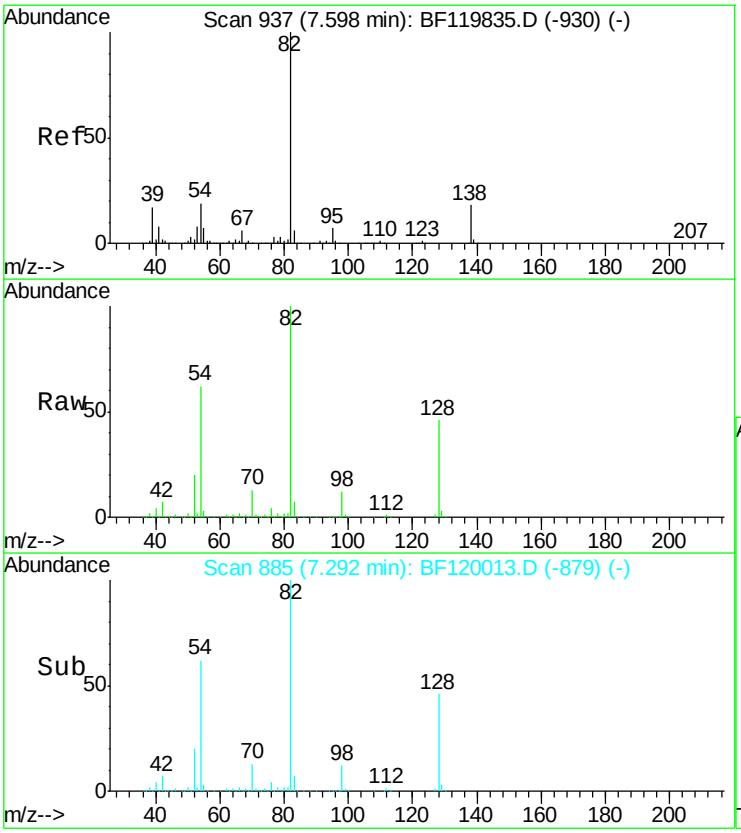
#23
Nitrobenzene-d5
Concen: 91.009 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion: 82 Resp: 1176574

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.2	54.4
54	61.6	50.4	75.6

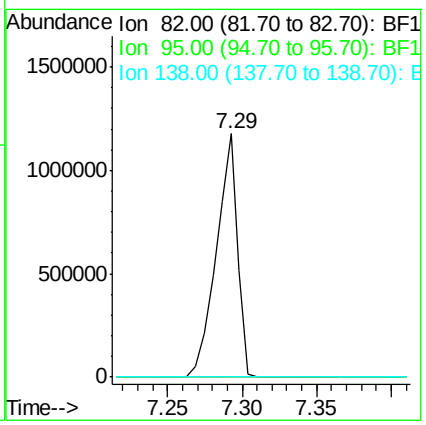


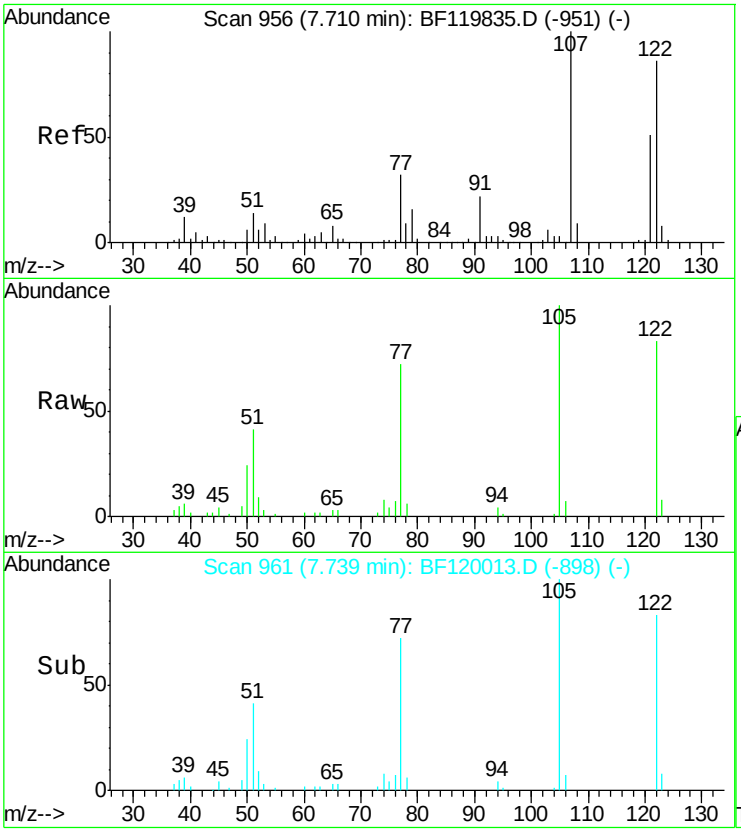


#25
Isophorone
Concen: 47.015 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion: 82 Resp: 1171696

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#



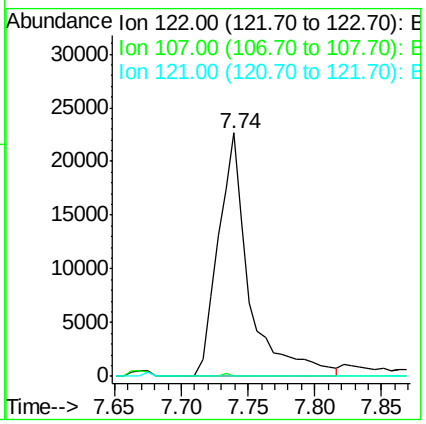


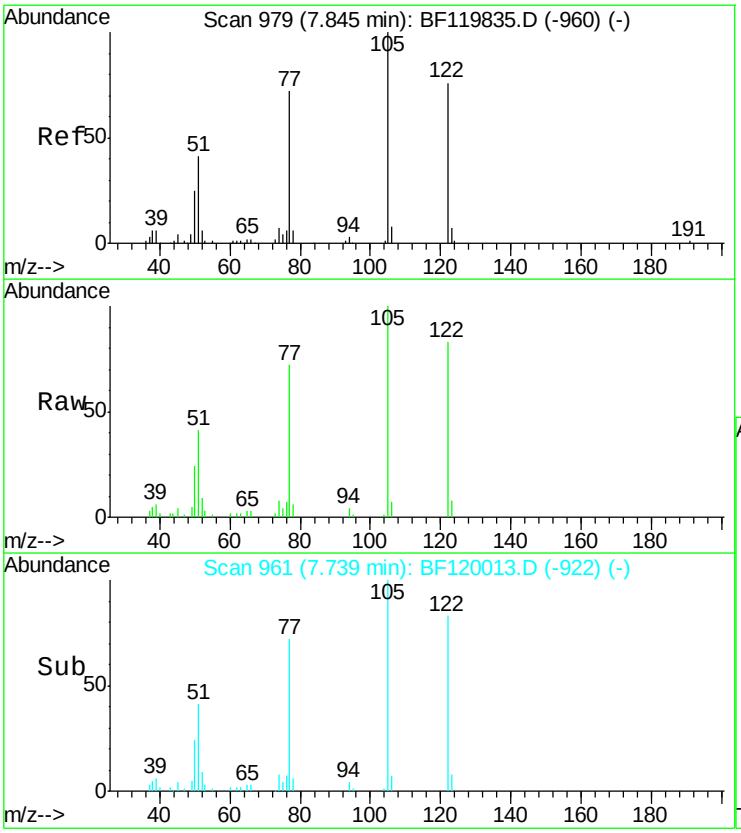
#27
2,4-Dimethylphenol
Concen: 3.763 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.07 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:122 Resp: 36872

Ion	Ratio	Lower	Upper
122	100		
107	0.0	92.3	138.5#
121	0.0	46.6	70.0#

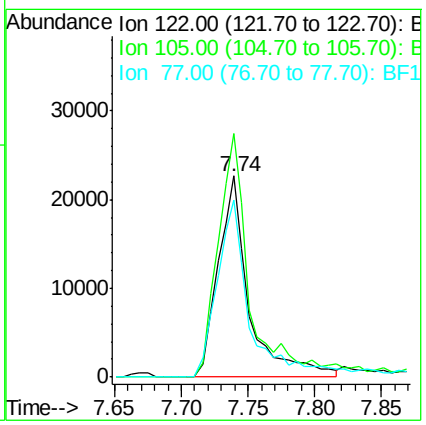


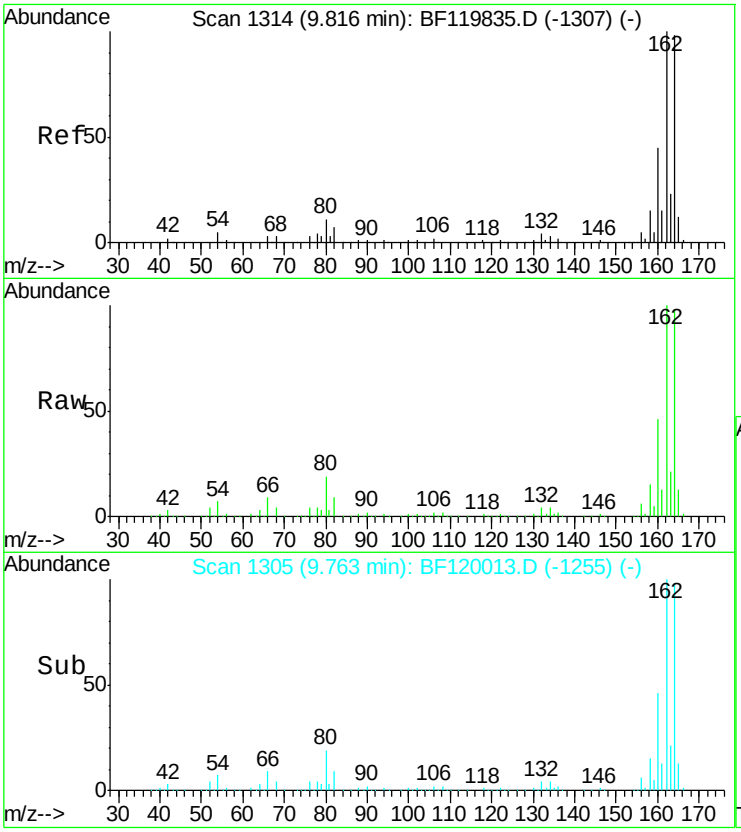


#32
Benzoic acid
Concen: 4.284 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.07 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:122 Resp: 36872

Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.7	146.7
77	87.8	72.1	112.1



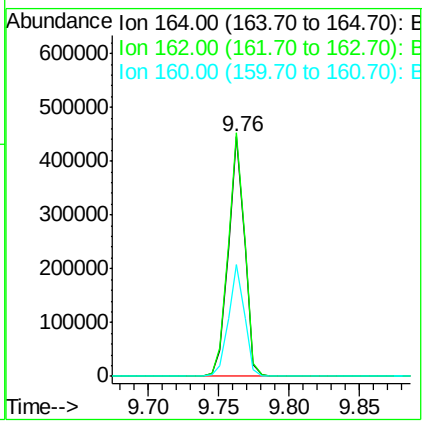


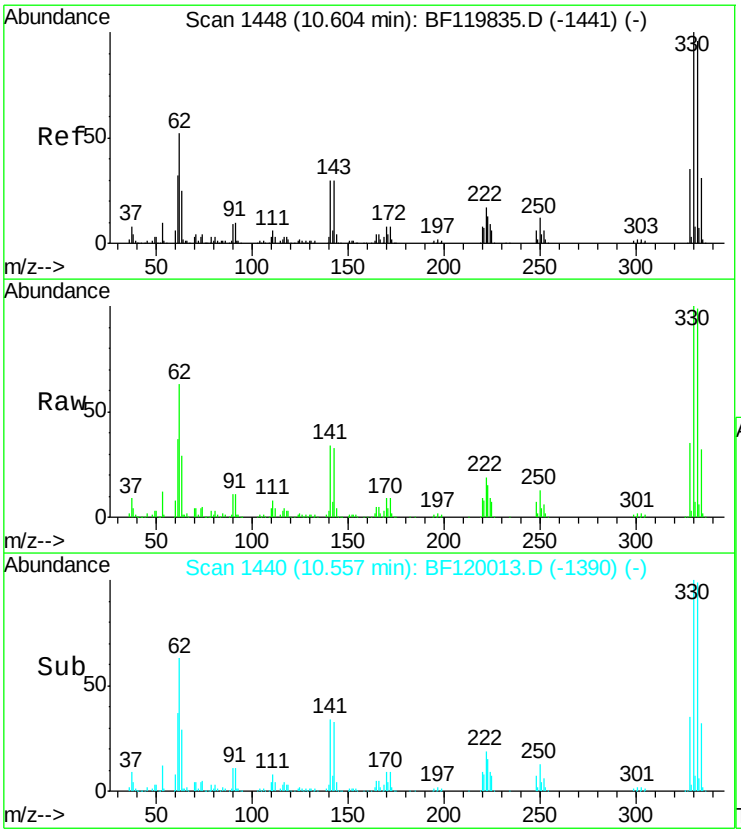
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:164 Resp: 356308

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	46.6	36.6	54.8

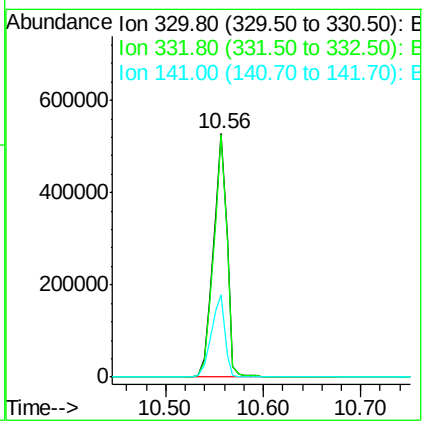


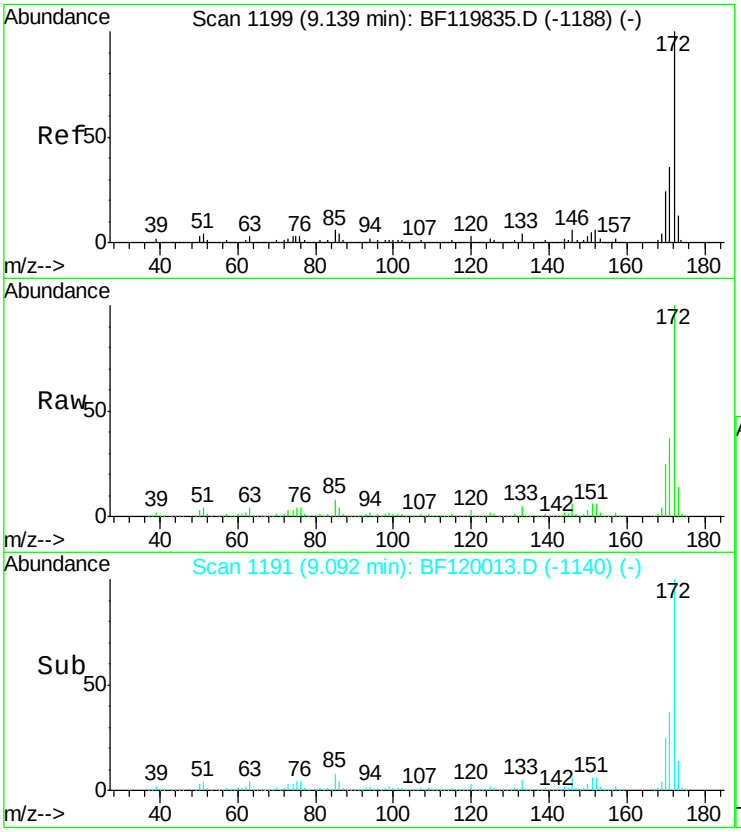


#42
2,4,6-Tribromophenol
Concen: 117.851 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:330 Resp: 514114

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	33.7	25.1	37.7



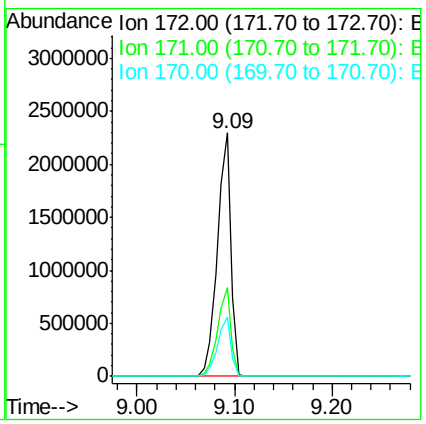


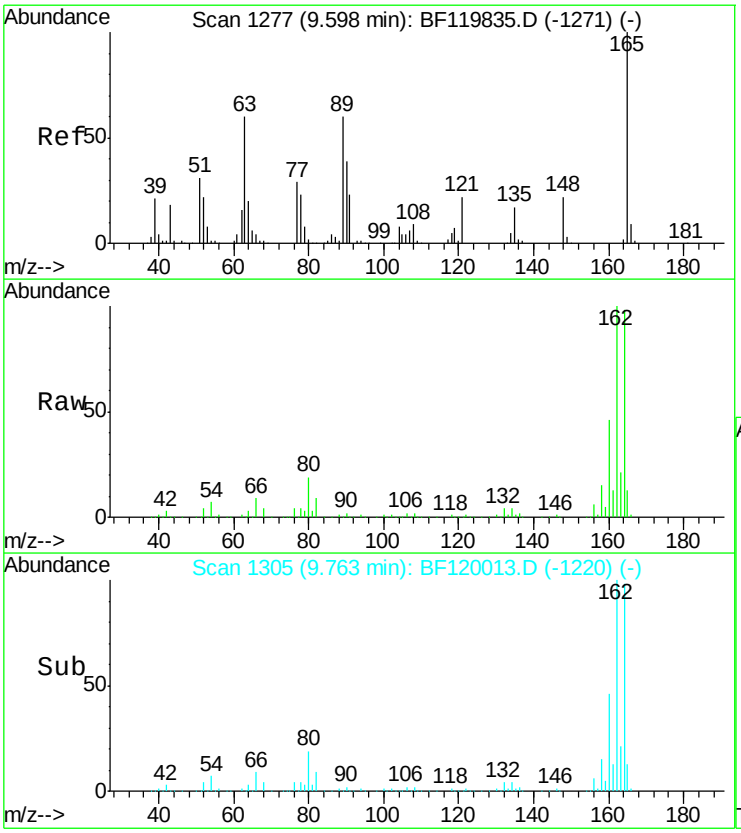
#45
2-Fluorobiphenyl
Concen: 88.025 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:172 Resp: 2209065

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	19.4	29.2

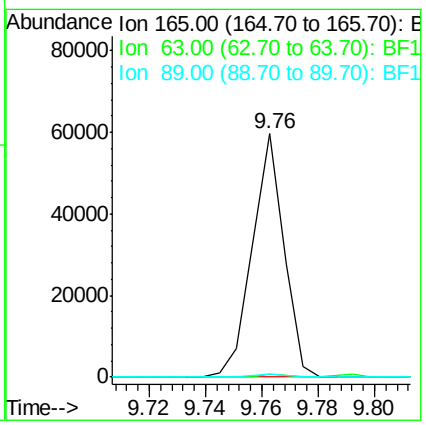


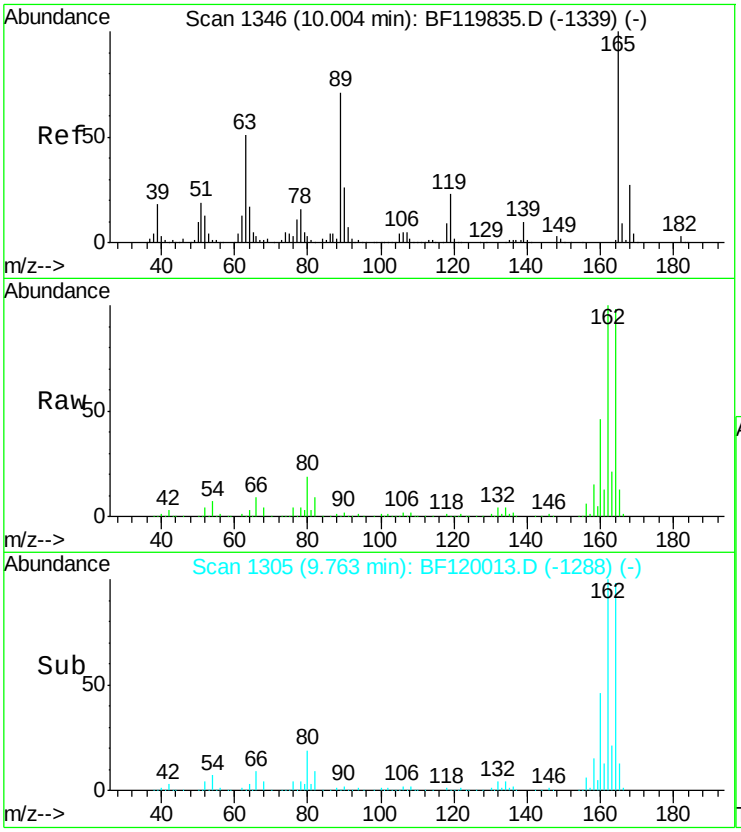


#51
2,6-Dinitrotoluene
Concen: 7.709 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:165 Resp: 46523

Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.6	83.4#
89	1.4	47.9	71.9#



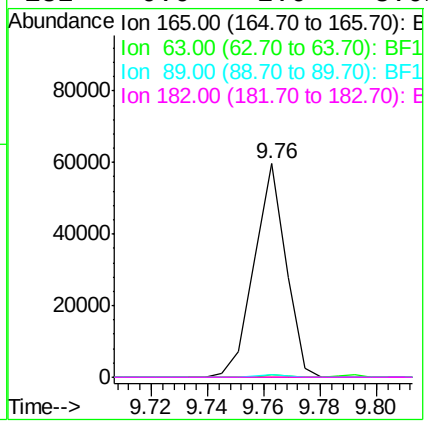


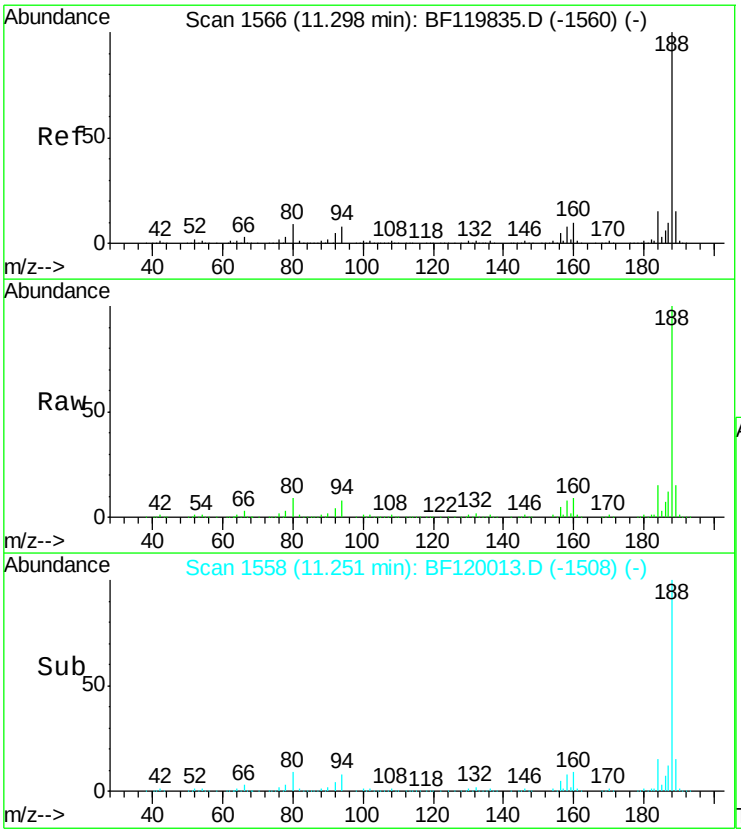
#57
2,4-Dinitrotoluene
Concen: 5.851 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:165 Resp: 46523

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	1.4	56.9	85.3#
182	0.0	2.0	3.0#

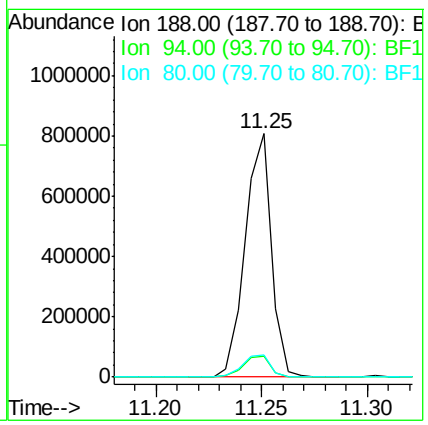


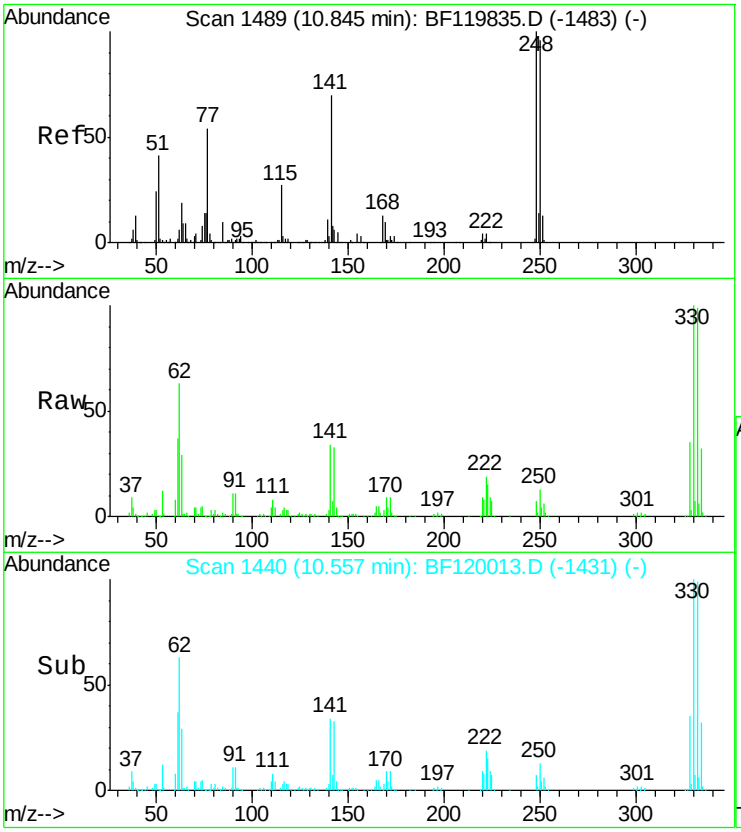


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:188 Resp: 695950

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.4	11.2



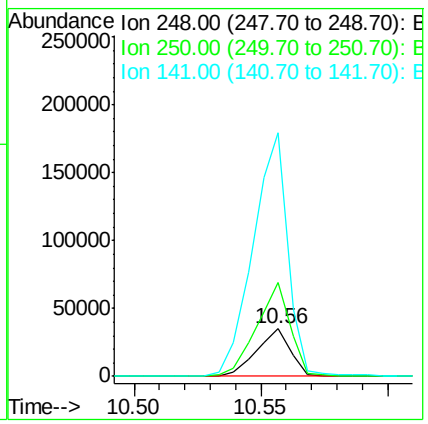


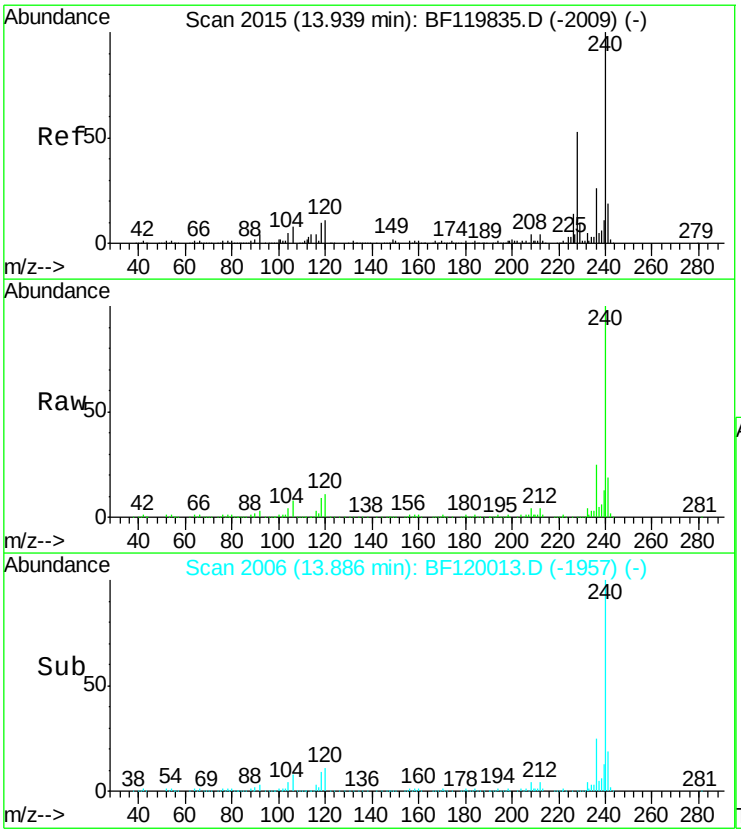
#67
4-Bromophenyl-phenylether
Concen: 3.736 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:248 Resp: 32333

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.6	114.8#
141	515.9	55.9	83.9#

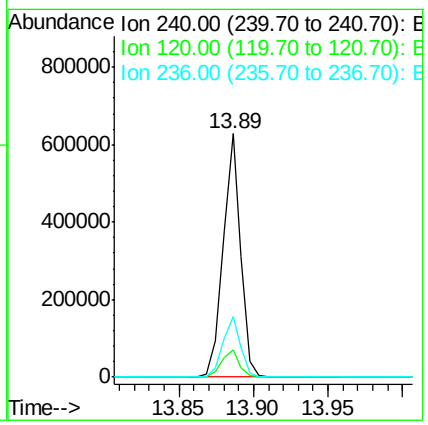


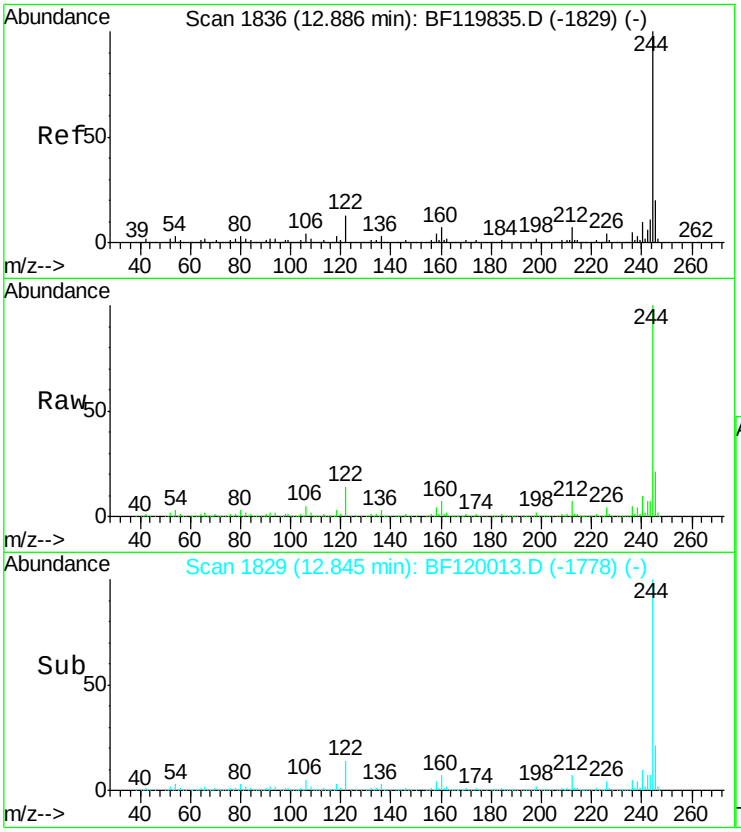


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:240 Resp: 520945

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.1	20.7	31.1



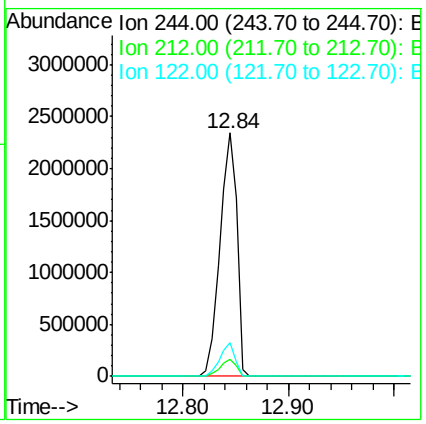


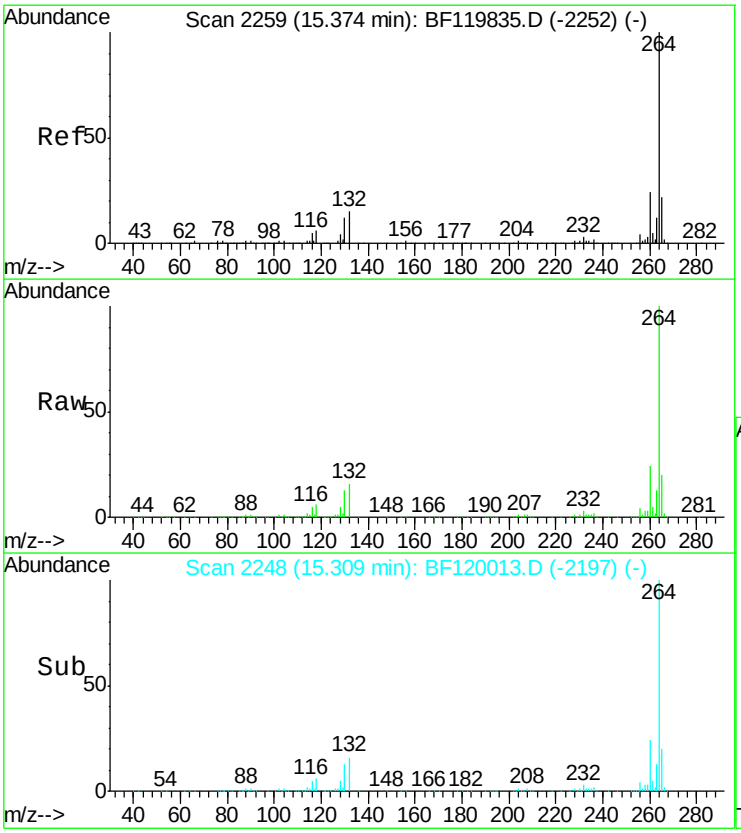
#79
Terphenyl-d14
Concen: 84.855 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Instrument :
BNA_F
ClientSampleId :
TP-43-COMP

Tgt Ion:244 Resp: 2627090

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.7	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120013.D
Acq: 16 Apr 2020 1:04

Tgt Ion:264 Resp: 396064

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.0	17.6	26.4