Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 31 22:04:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294122	20.00	ng		-0.04
21) Naphthalene-d8	8.11	136	1121224	20.00	ng		-0.04
39) Acenaphthene-d10	9.86	164	612707	20.00	ng		-0.04
64) Phenanthrene-d10	11.35	188	1052205	20.00	ng		-0.04
76) Chrysene-d12	13.98	240	593945	20.00	ng		-0.04
87) Perylene-d12	15.43	264	687430	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1635955	103.30	ng		-0.03
7) Phenol-d6	6.46	99	2037092	98.97	ng		-0.04
23) Nitrobenzene-d5	7.39	82	1325651	66.13	ng		-0.04
42) 2,4,6-Tribromophenol	10.65	330	693196	97.82	ng		-0.04
45) 2-Fluorobiphenyl	9.19	172	2226598	59.73	ng		-0.04
79) Terphenyl-d14	12.93	244	2163252	79.44	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.47	94	105286	4.488	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	180777	13.007	ng	#	76
25) Isophorone	7.39	82	1305781	35.714	ng	#	63
50) Dimethylphthalate	9.57	163	363082	9.096	ng		100
57) 2,4-Dinitrotoluene	9.86	165	79513	7.056	ng	#	29
67) 4-Bromophenyl-phenylether	10.65	248	44764	3.443	ng	#	1
75) Fluoranthene	12.56	202	123653	2.310	ng		97
78) Pyrene	12.79	202	104280	2.586	ng		97

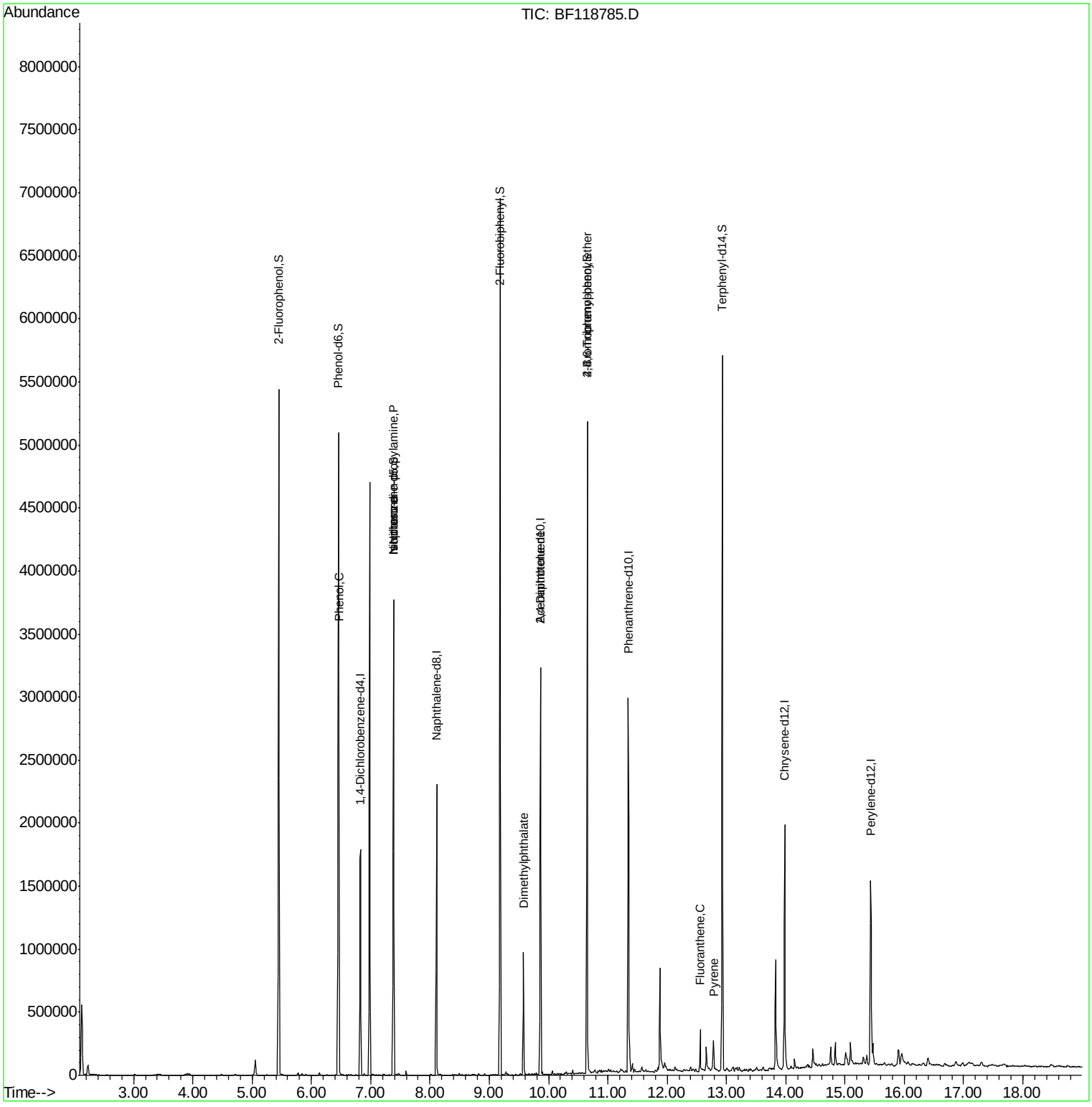
(#) = qualifier out of range (m) = manual integration (+) = signals summed

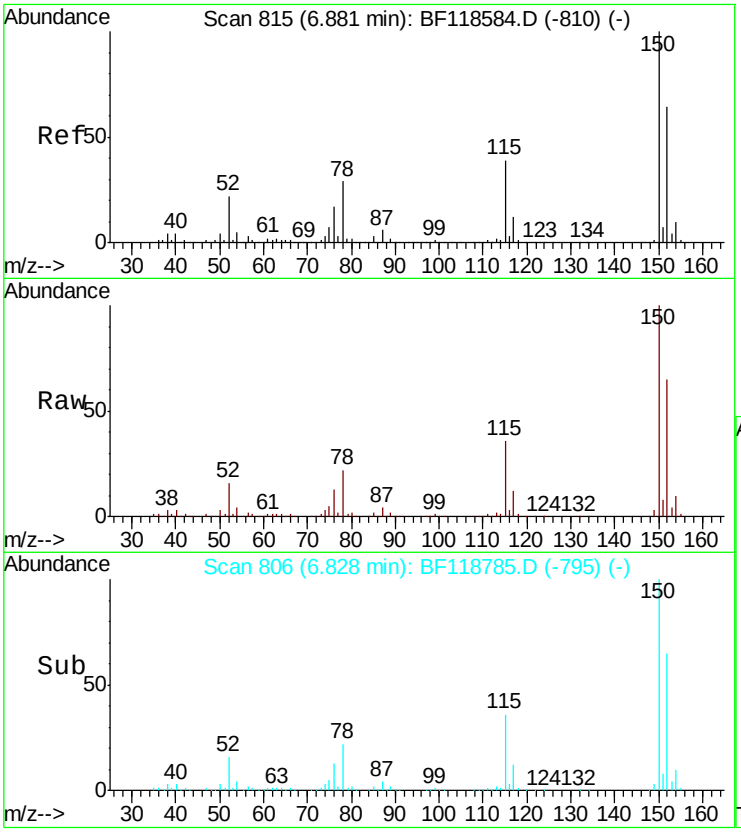
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118785.D
Acq On : 31 Jan 2020 16:45
Operator : CG/JU
Sample : L1325-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 31 22:04:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



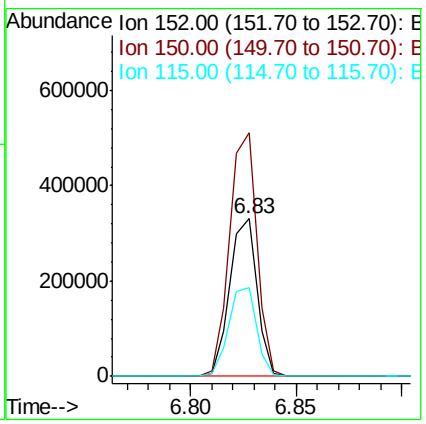


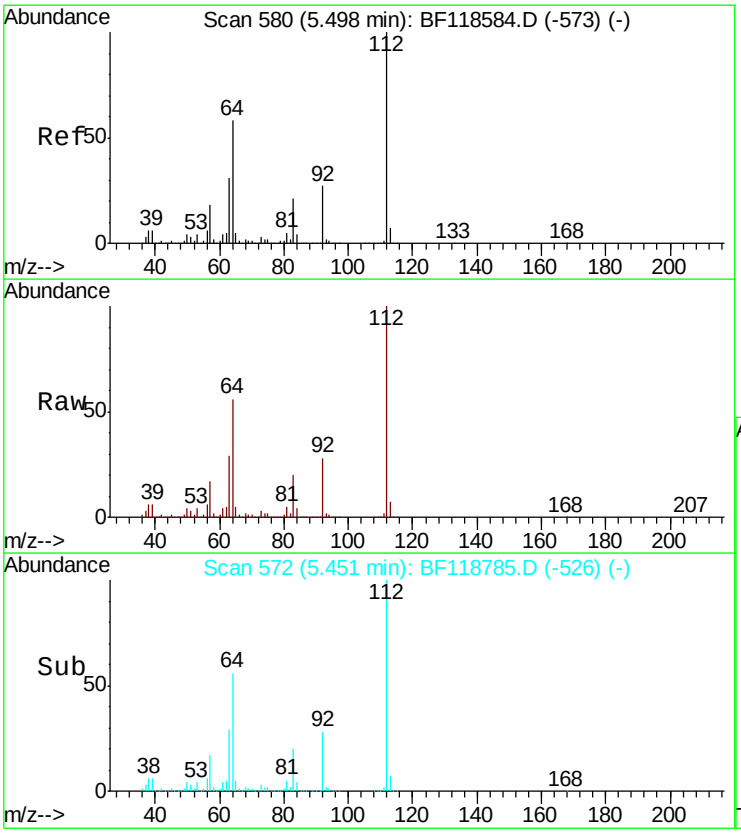
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 294122

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.7	185.5
115	56.3	45.1	67.7

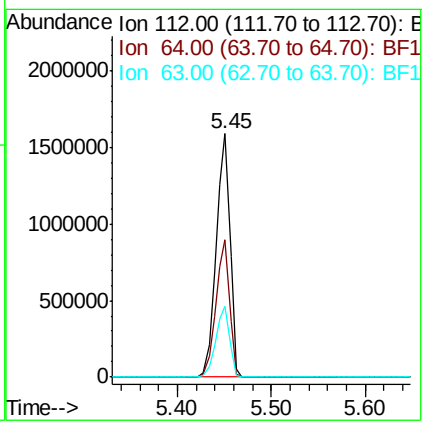


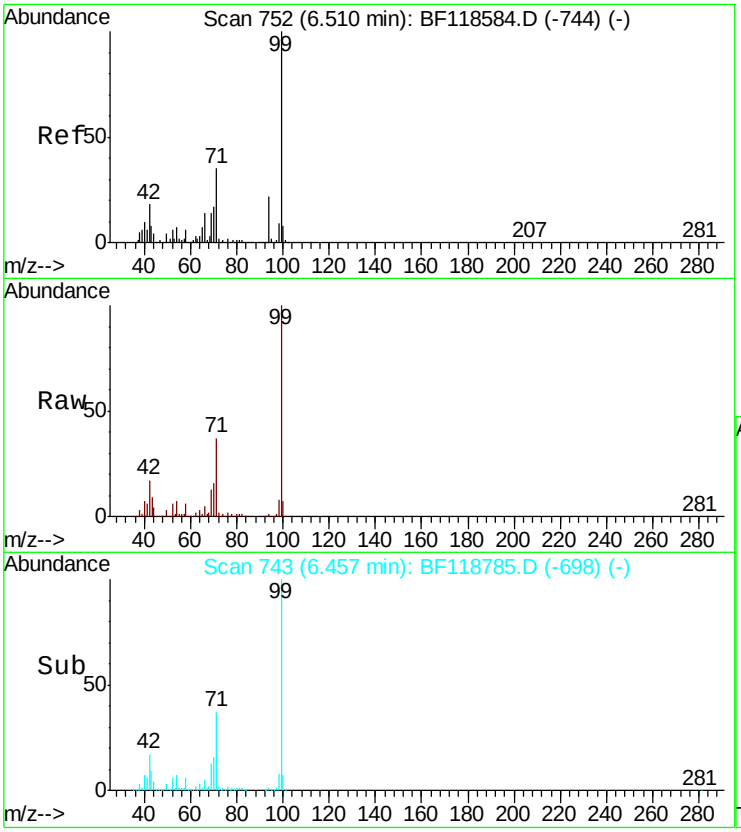


#5
2-Fluorophenol
Concen: 103.304 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:112 Resp: 1635955

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.4	63.6
63	29.3	21.7	32.5



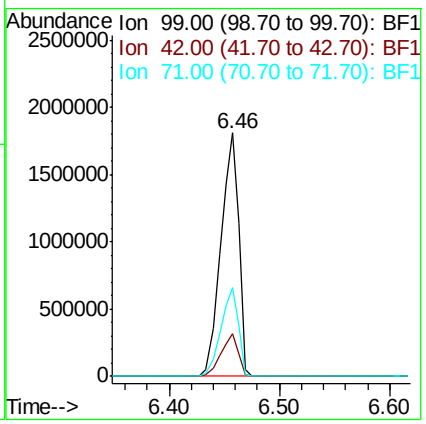


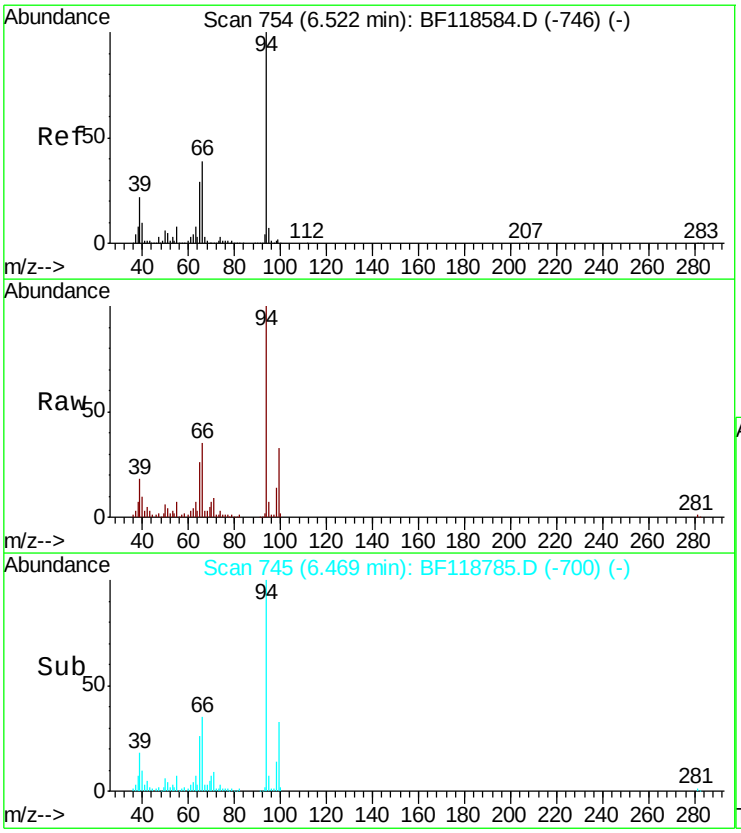
#7
Phenol-d6
Concen: 98.968 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2037092

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	36.6	28.4	42.6

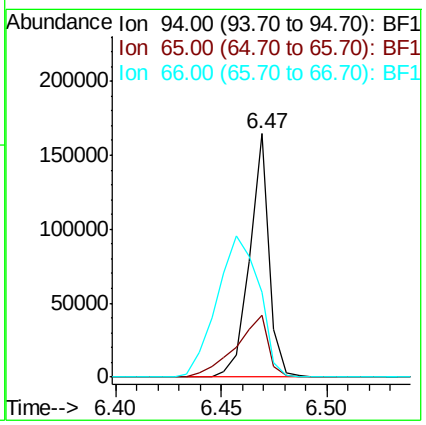


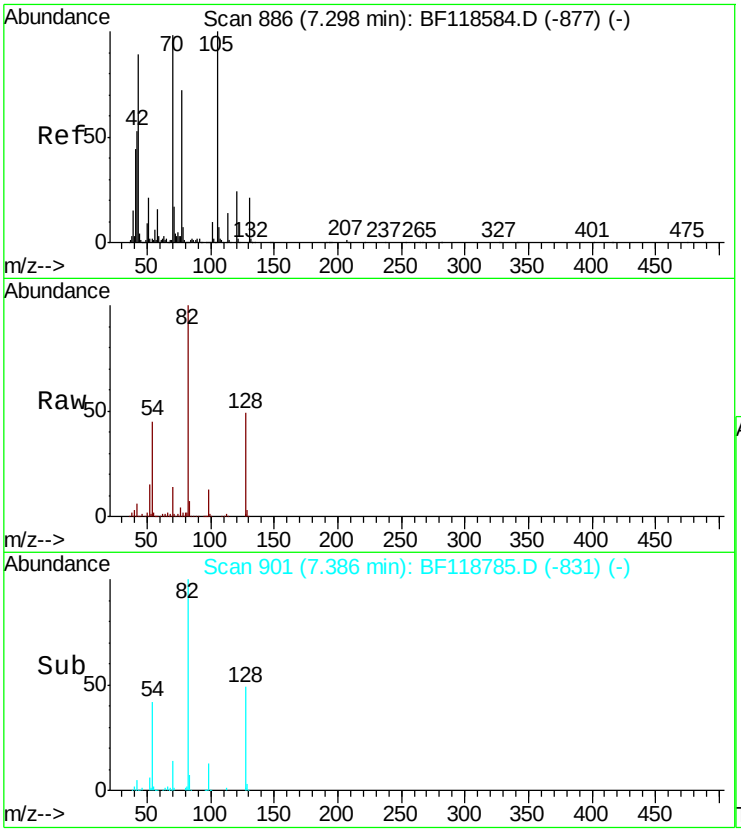


#10
Phenol
Concen: 4.488 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion: 94 Resp: 105286

Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	34.6	19.1	59.1



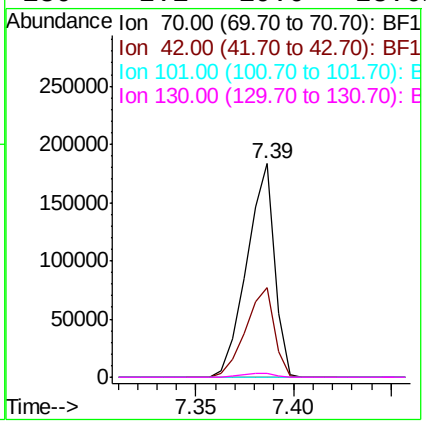


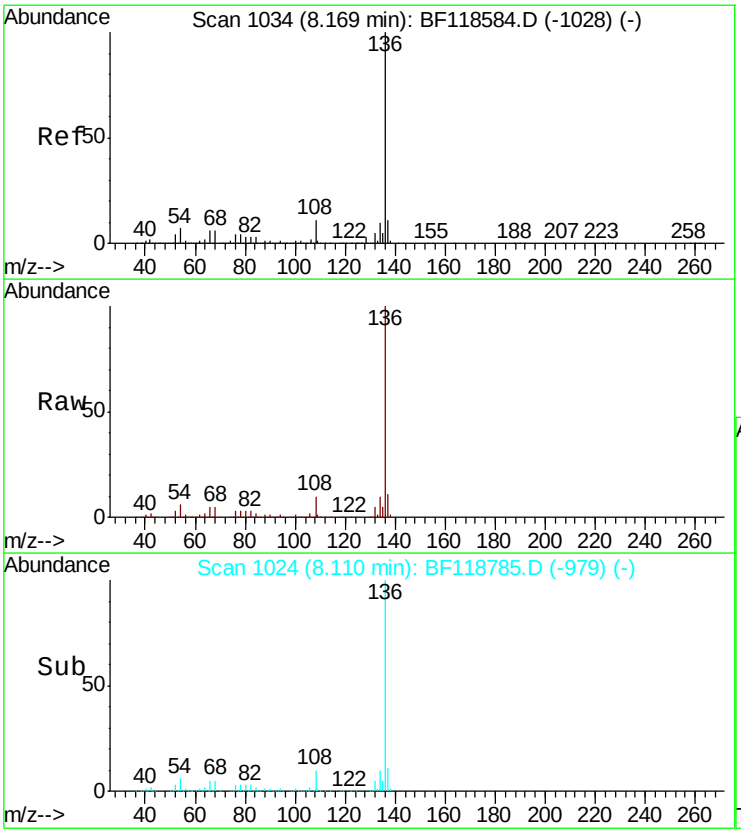
#19
n-Nitroso-di-n-propylamine
Concen: 13.007 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 180777

Ion	Ratio	Lower	Upper
70	100		
42	41.9	41.6	62.4
101	0.0	7.9	11.9#
130	2.1	19.0	28.6#

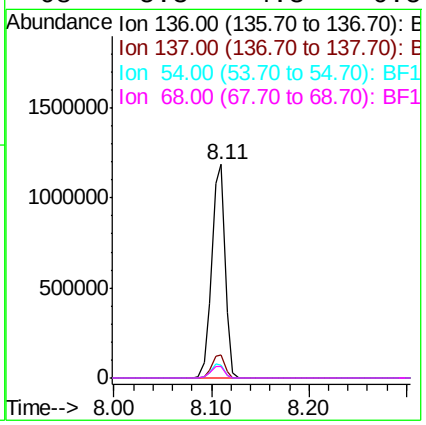


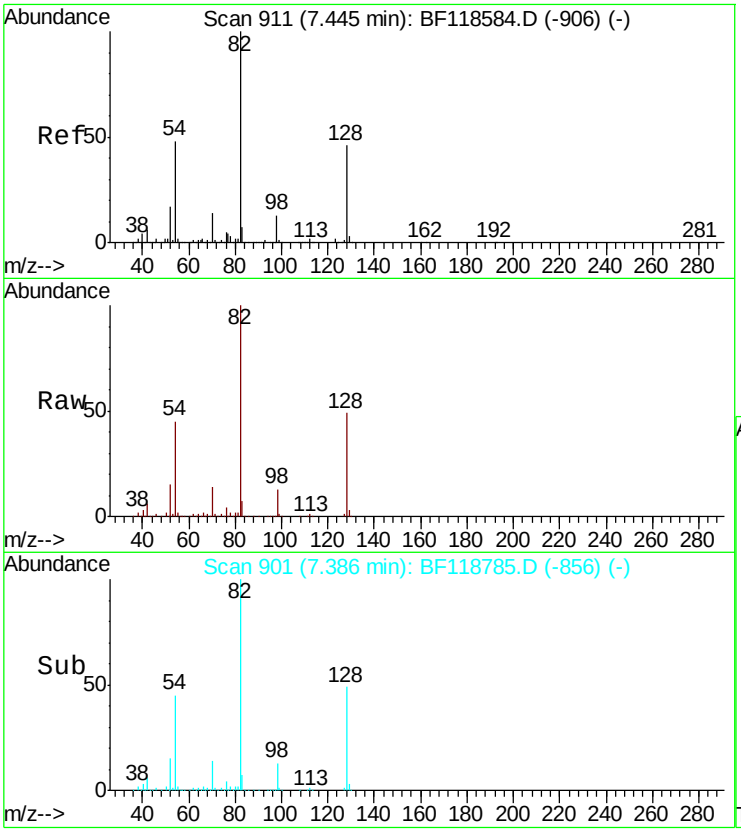


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:136 Resp: 1121224

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.1	7.7
68	5.3	4.3	6.5



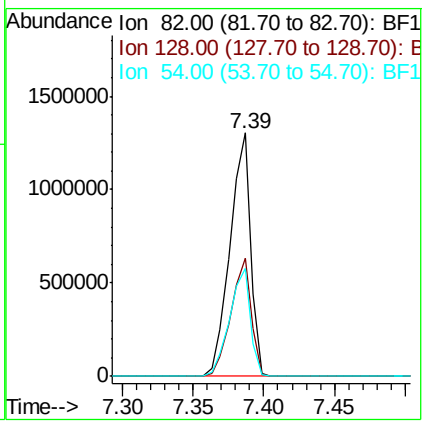


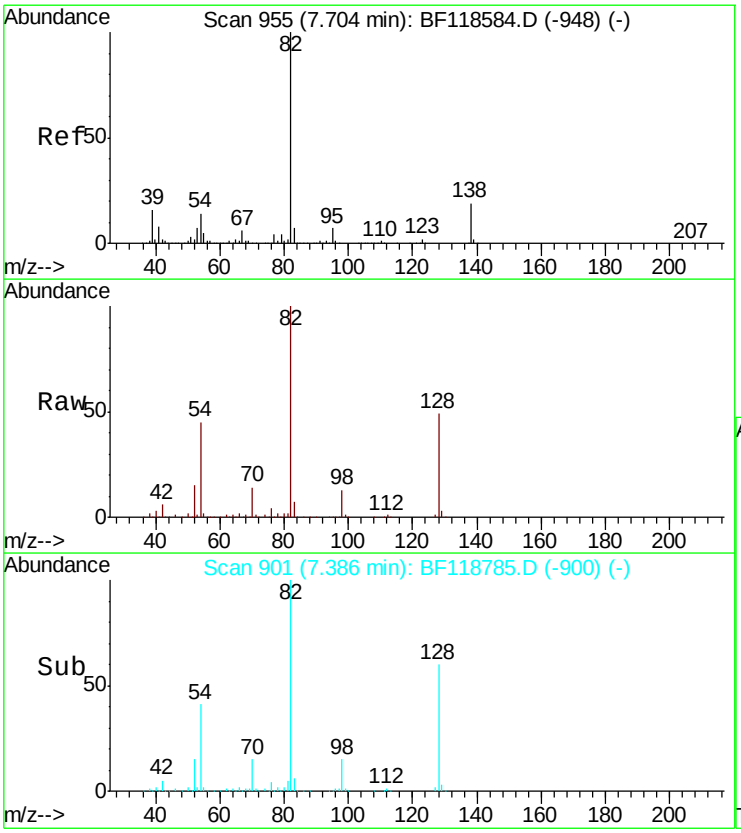
#23
Nitrobenzene-d5
Concen: 66.132 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1325651

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.2
54	44.5	36.1	54.1

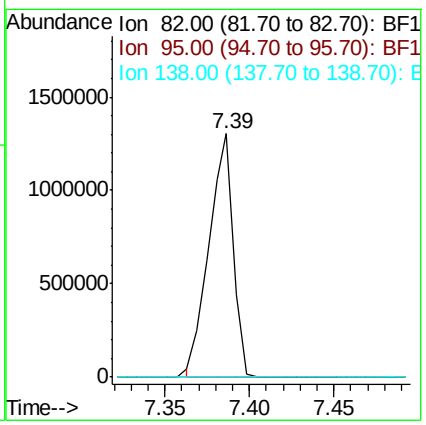


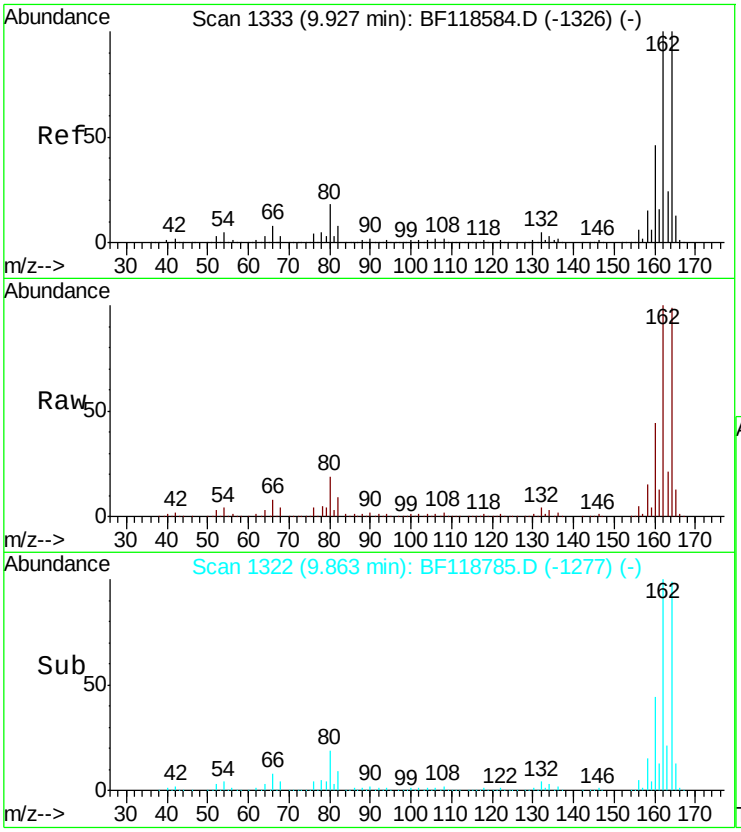


#25
Isophorone
Concen: 35.714 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion: 82 Resp: 1305781

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#



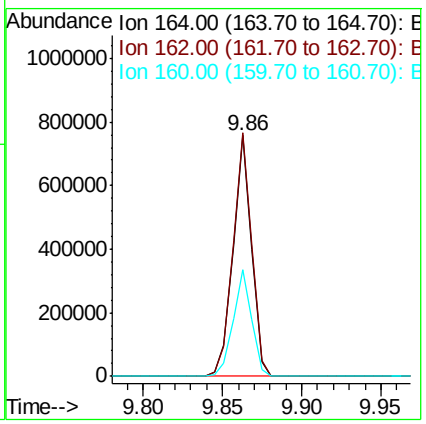


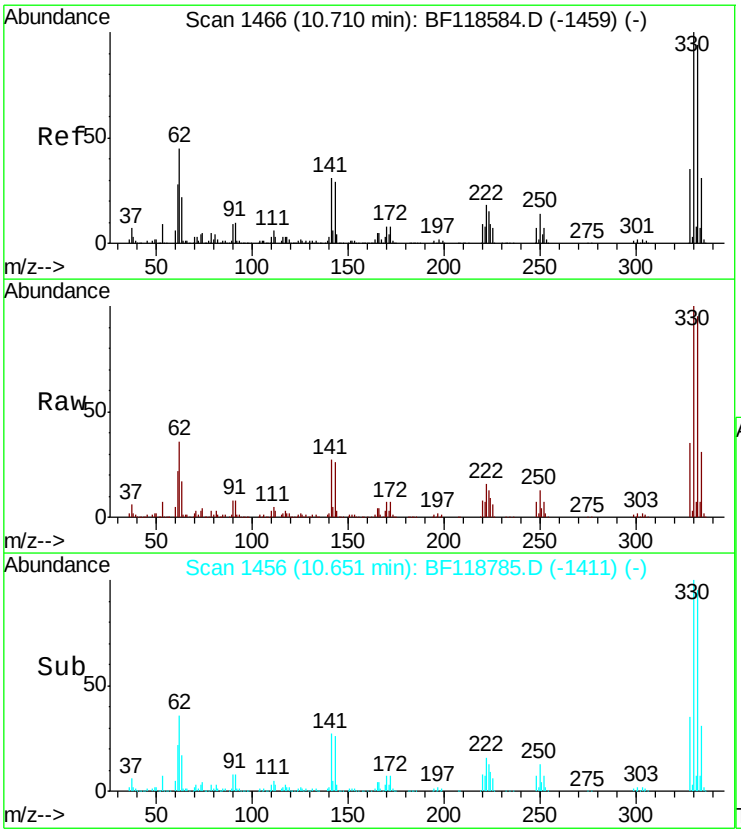
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 612707

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	44.0	35.4	53.0

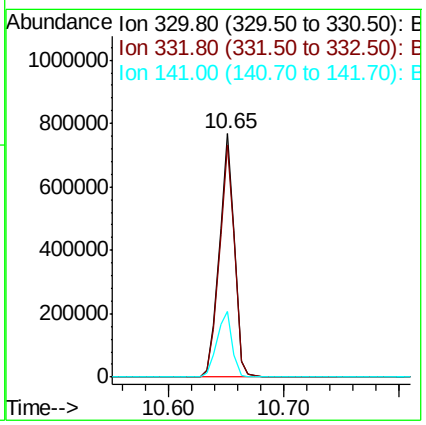


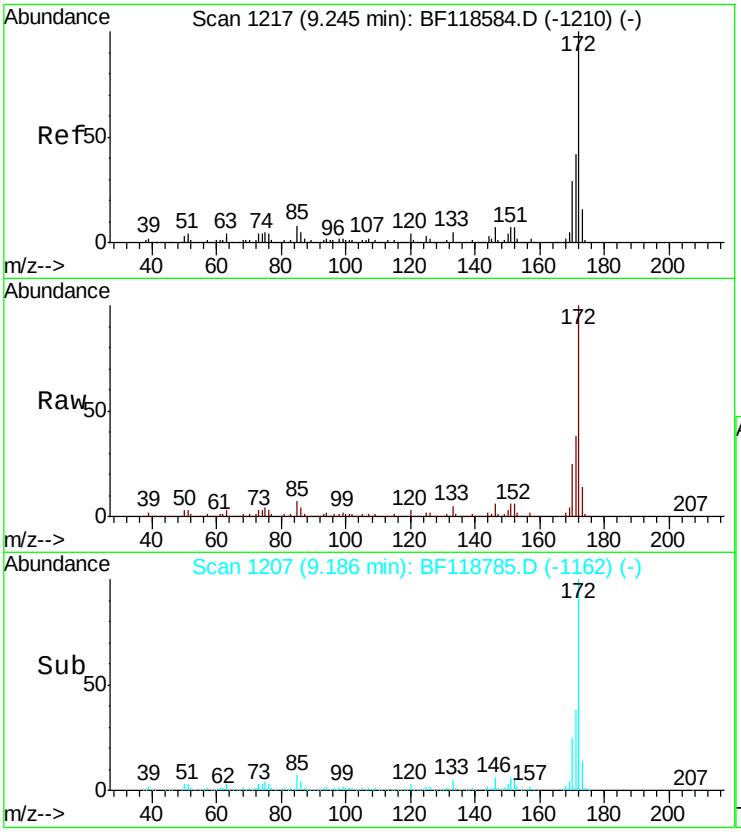


#42
2,4,6-Tribromophenol
Concen: 97.816 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:330 Resp: 693196

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	27.8	22.2	33.2



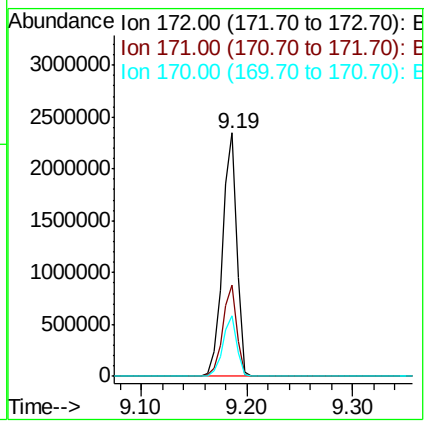


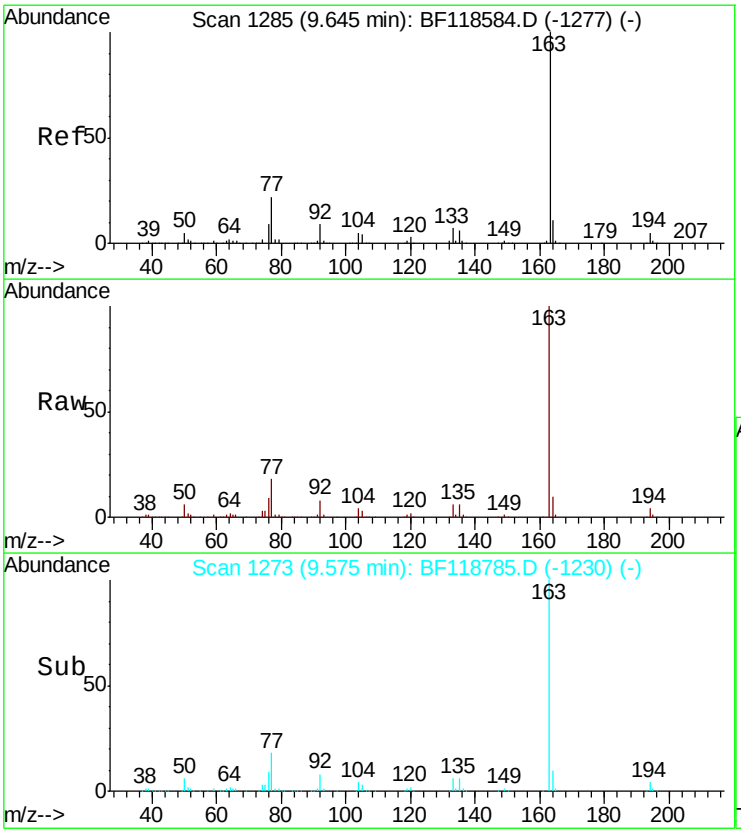
#45
2-Fluorobiphenyl
Concen: 59.730 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2226598

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.0	20.7	31.1

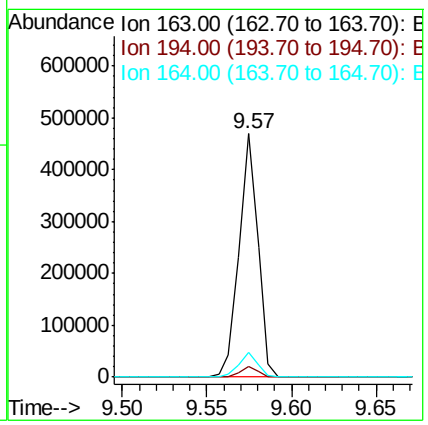


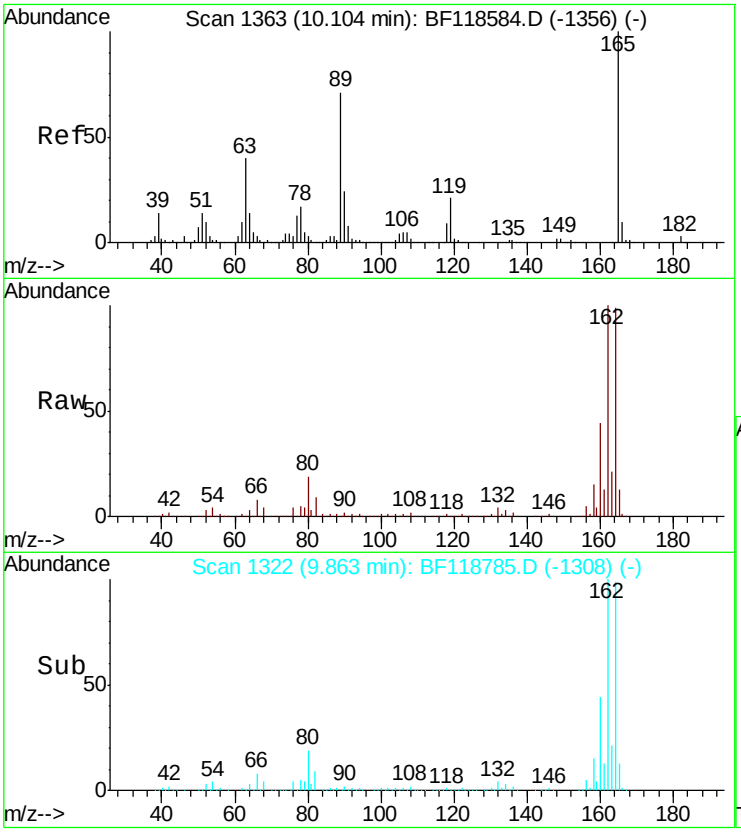


#50
Dimethylphthalate
Concen: 9.096 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:163 Resp: 363082

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.1	8.2	12.2



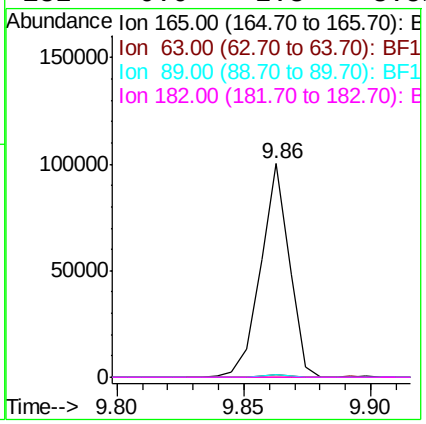


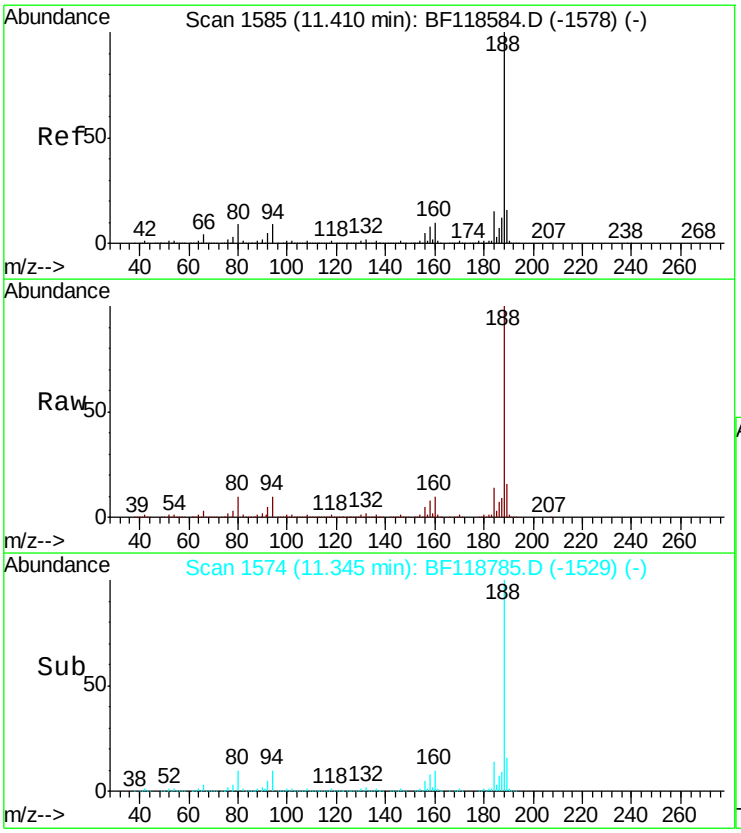
#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 79513

Ion	Ratio	Lower	Upper
165	100		
63	0.9	28.5	42.7#
89	1.1	50.4	75.6#
182	0.0	2.3	3.5#

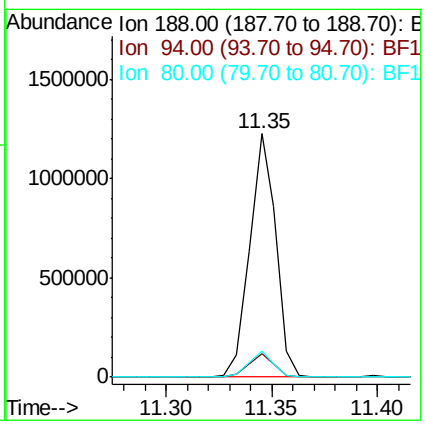


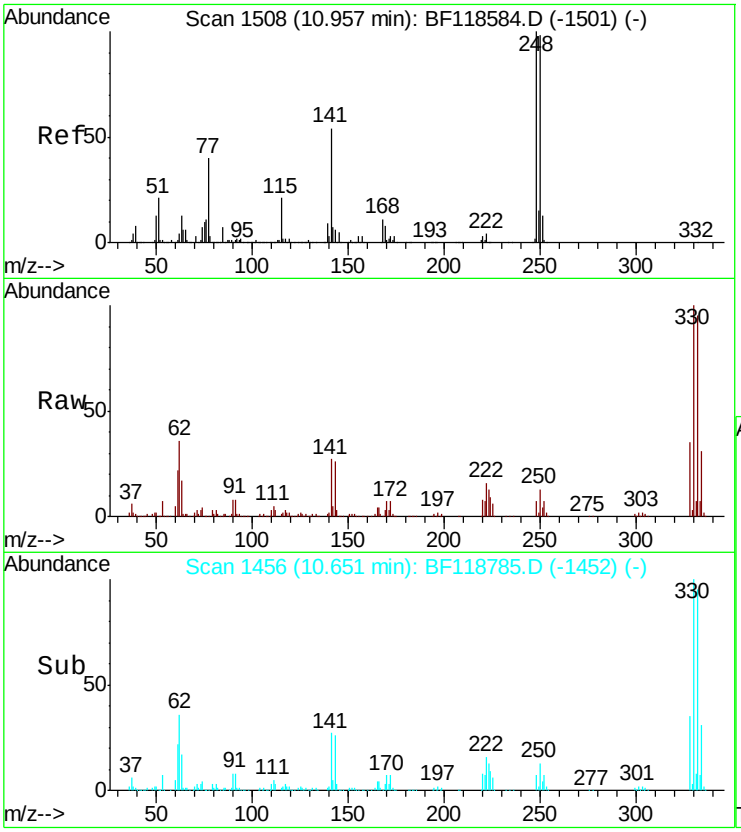


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:188 Resp: 1052205

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.4	7.8	11.8



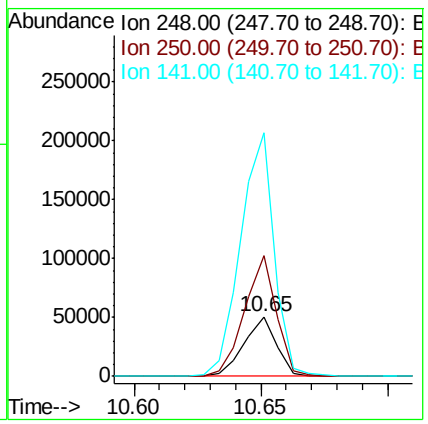


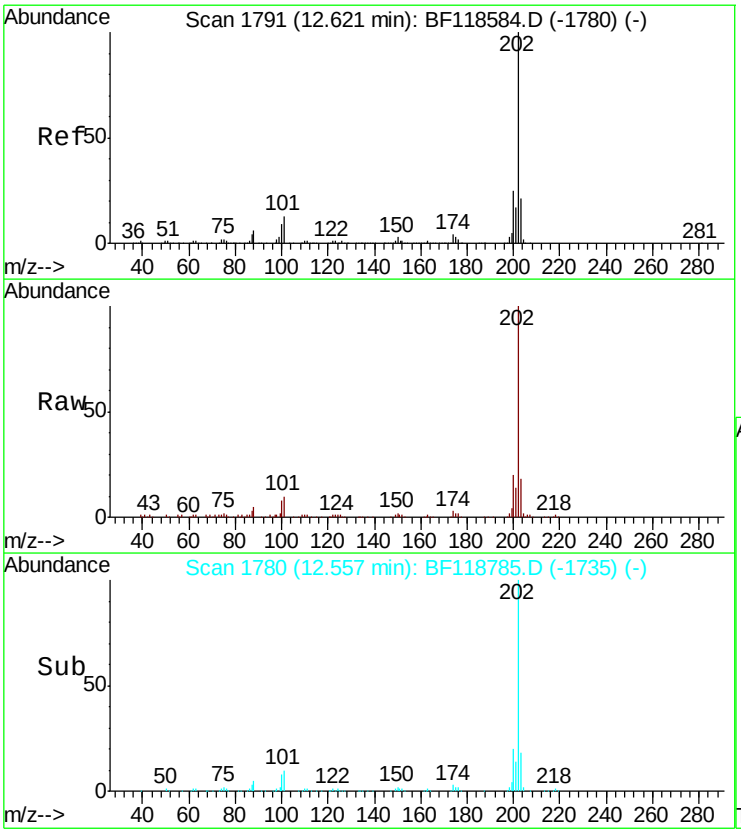
#67
4-Bromophenyl-phenylether
Concen: 3.443 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.28 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 44764

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.7	118.1#
141	407.1	48.4	72.6#

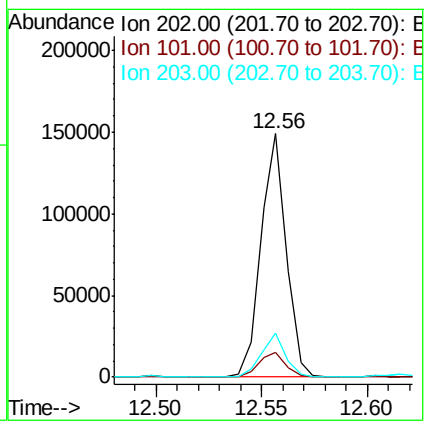


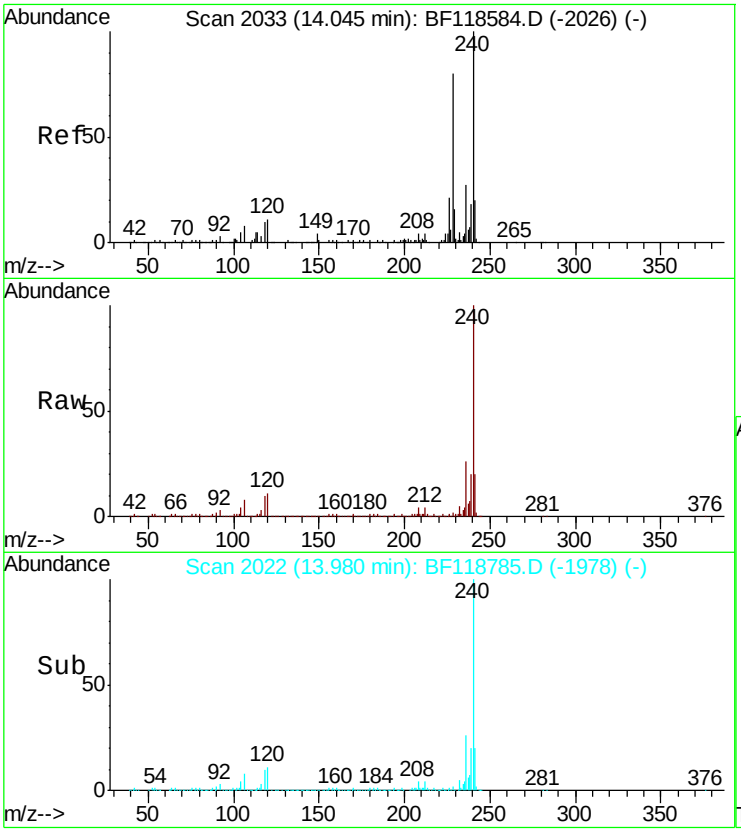


#75
Fluoranthene
Concen: 2.310 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:202 Resp: 123653

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.1
203	17.9	0.0	38.9



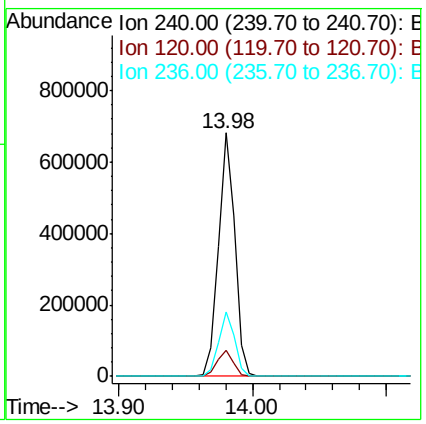


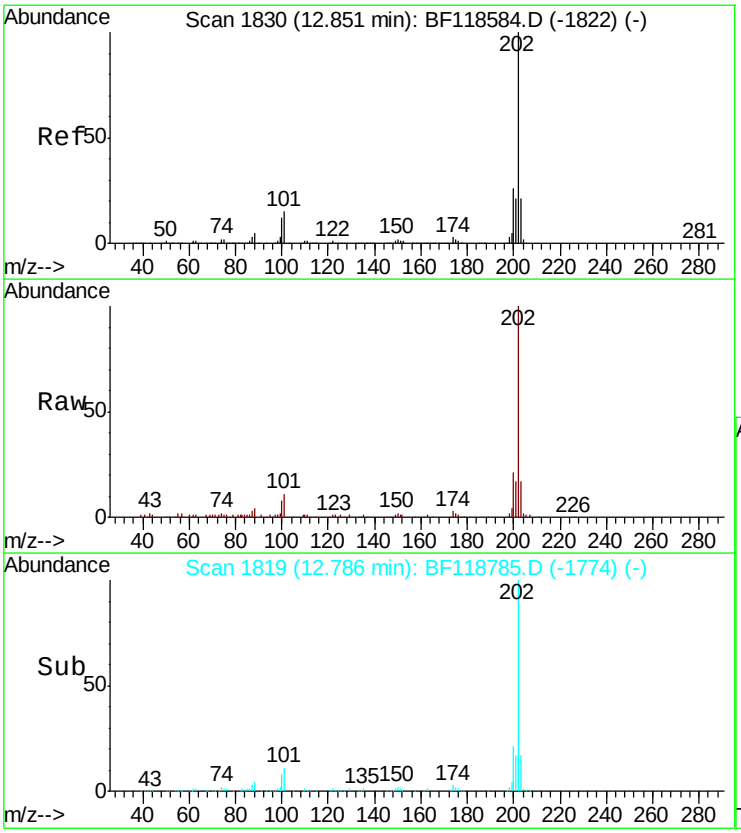
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 593945

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.6	11.4
236	26.4	21.0	31.4

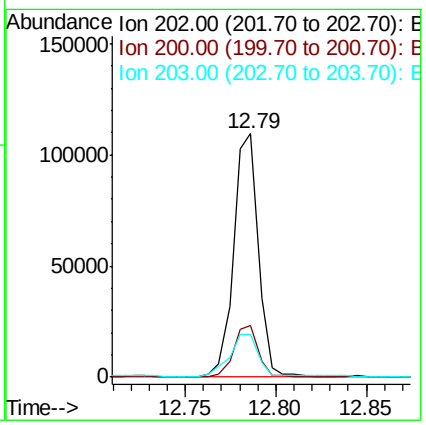


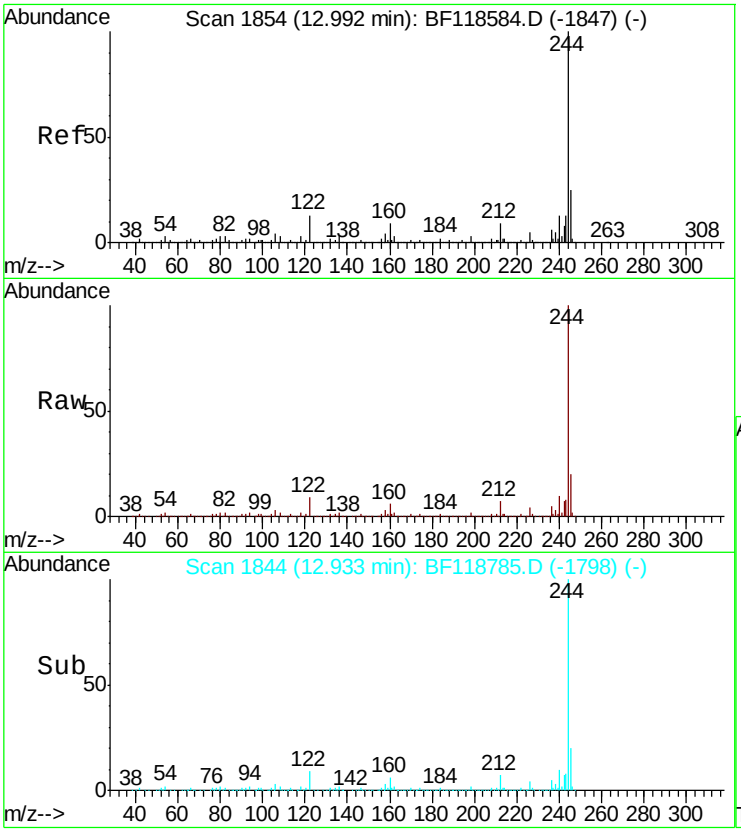


#78
Pyrene
Concen: 2.586 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:202 Resp: 104280

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.1	27.1
203	17.4	15.2	22.8



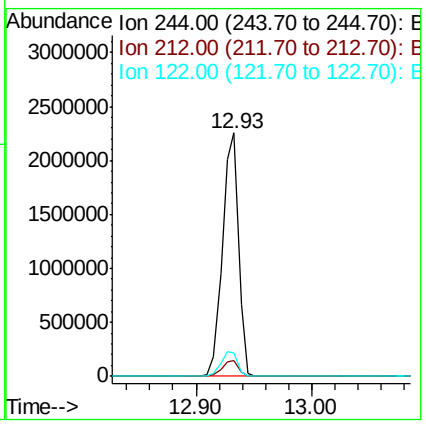


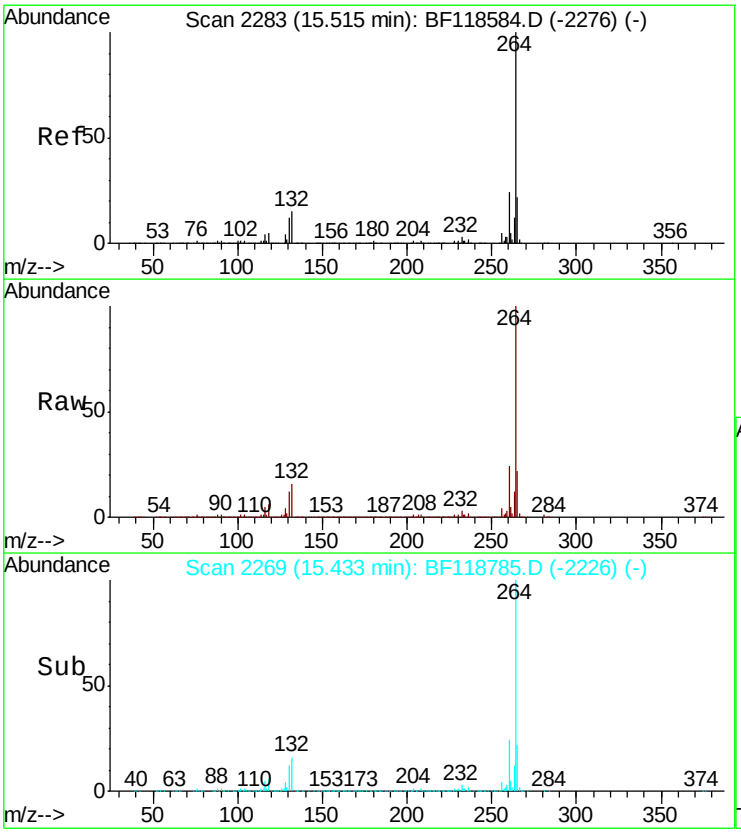
#79
Terphenyl-d14
Concen: 79.439 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2163252

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.3	9.5
122	9.4	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.05 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:264 Resp: 687430

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.8	17.0	25.6