Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 31 22:05:17 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	287517	20.00	ng	-0.04
21) Naphthalene-d8	8.10	136	1106663	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	610216	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1065201	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	621643	20.00	ng	-0.04
87) Perylene-d12	15.43	264	670961	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2080648	134.40	ng	-0.01
7) Phenol-d6	6.46	99	2422876	120.42	ng	-0.03
23) Nitrobenzene-d5	7.39	82	1812526	91.61	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	1016002	143.95	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	3575986	96.32	ng	-0.04
79) Terphenyl-d14	12.93	244	3681170	129.16	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	253265	18.641	ng	# 76
25) Isophorone	7.39	82	1804714	50.010	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	79042	8.879	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	79042	7.043	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	67675	5.142	ng	# 1
77) Benzidine	12.93	184	48434	2.916	ng	# 92

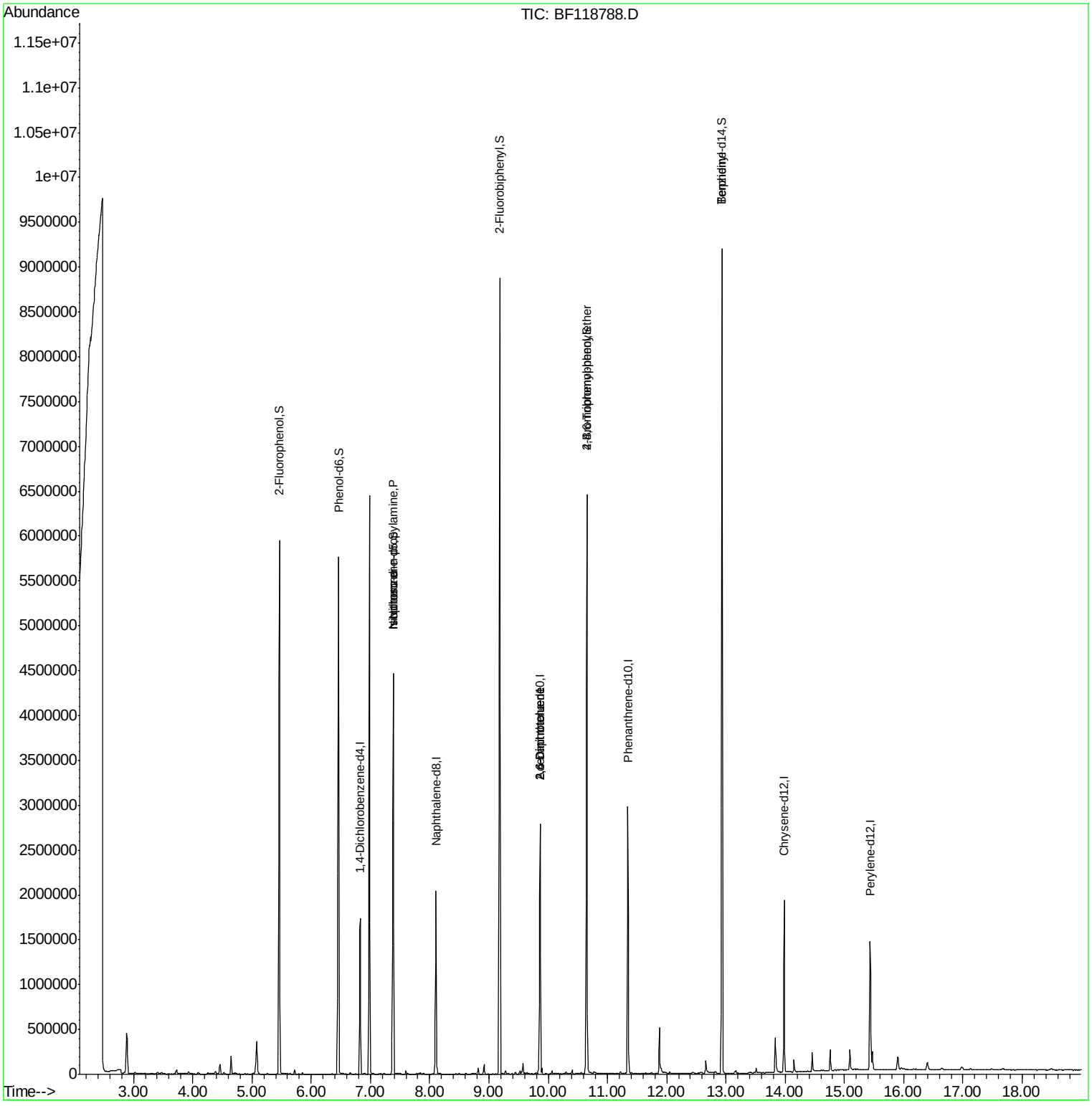
(#) = qualifier out of range (m) = manual integration (+) = signals summed

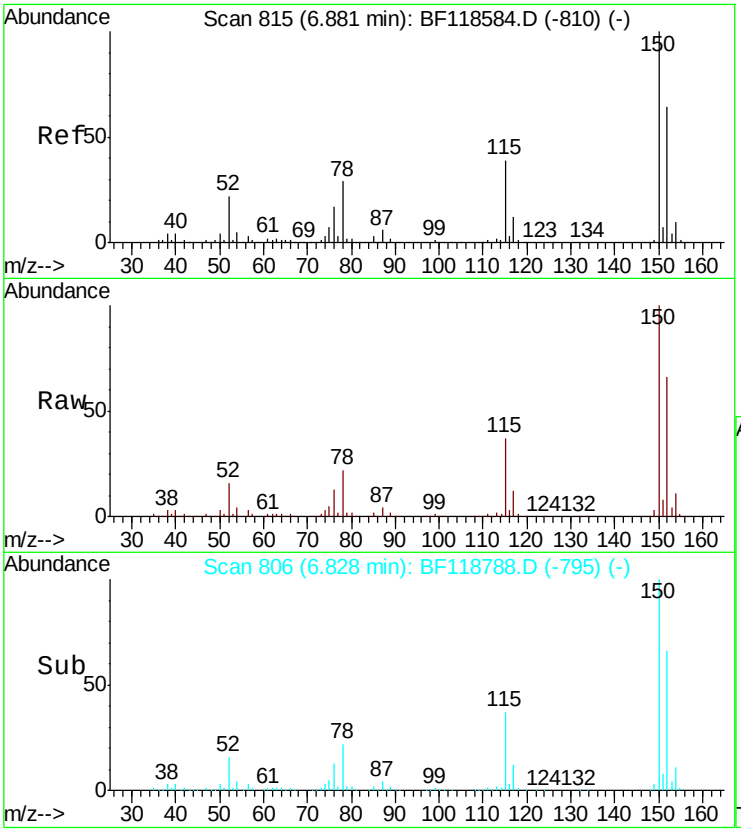
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118788.D
Acq On : 31 Jan 2020 18:06
Operator : CG/JU
Sample : L1325-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 31 22:05:17 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



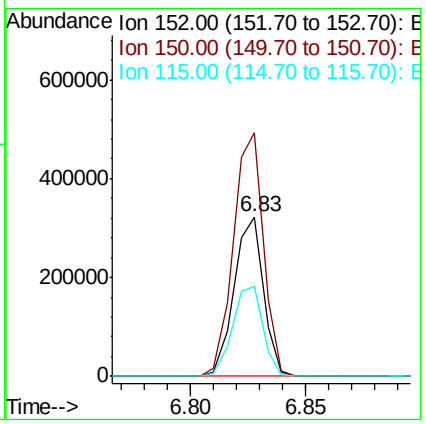


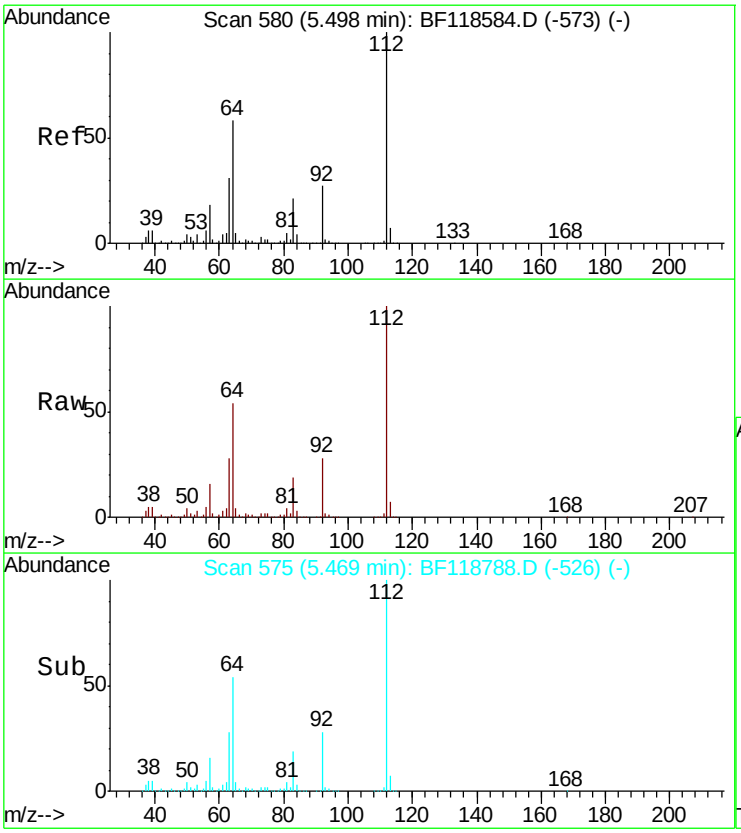
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 287517

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.7	185.5
115	56.0	45.1	67.7

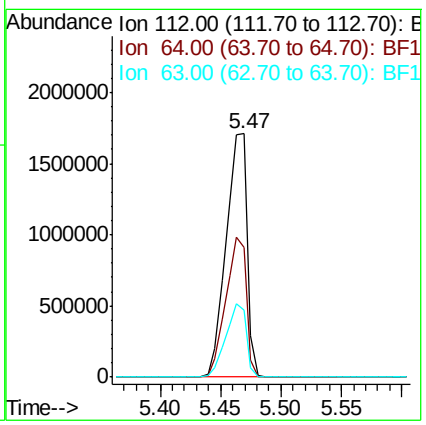


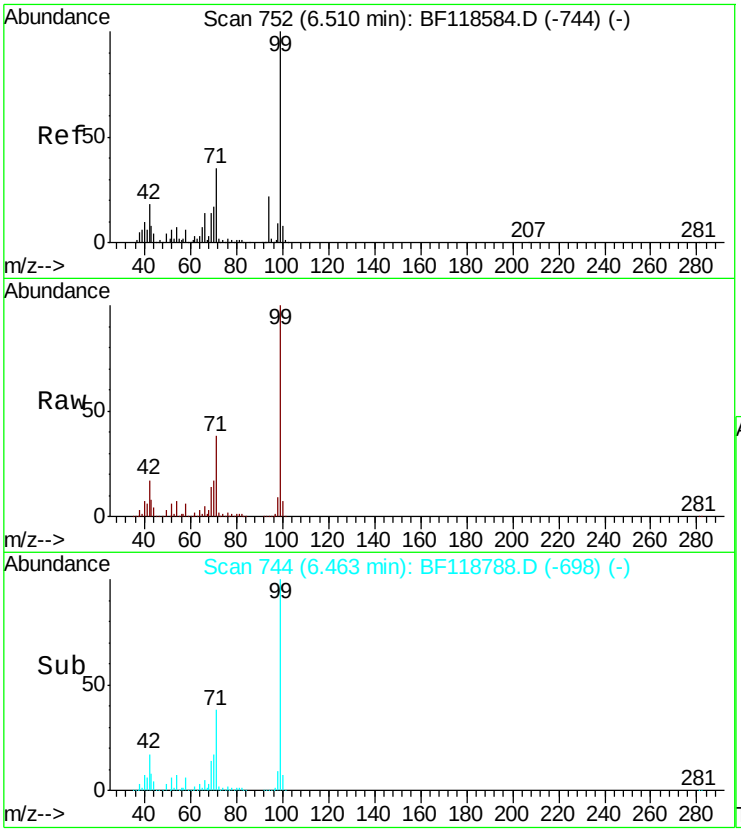


#5
2-Fluorophenol
Concen: 134.402 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:112 Resp: 2080648

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.4	63.6
63	27.7	21.7	32.5



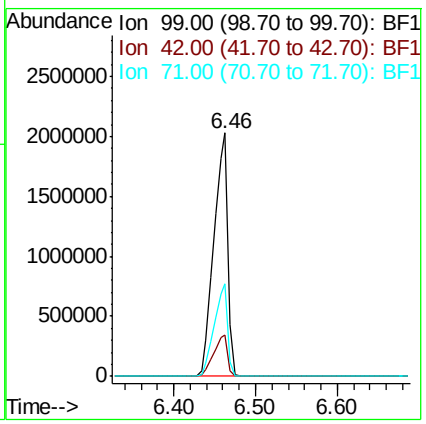


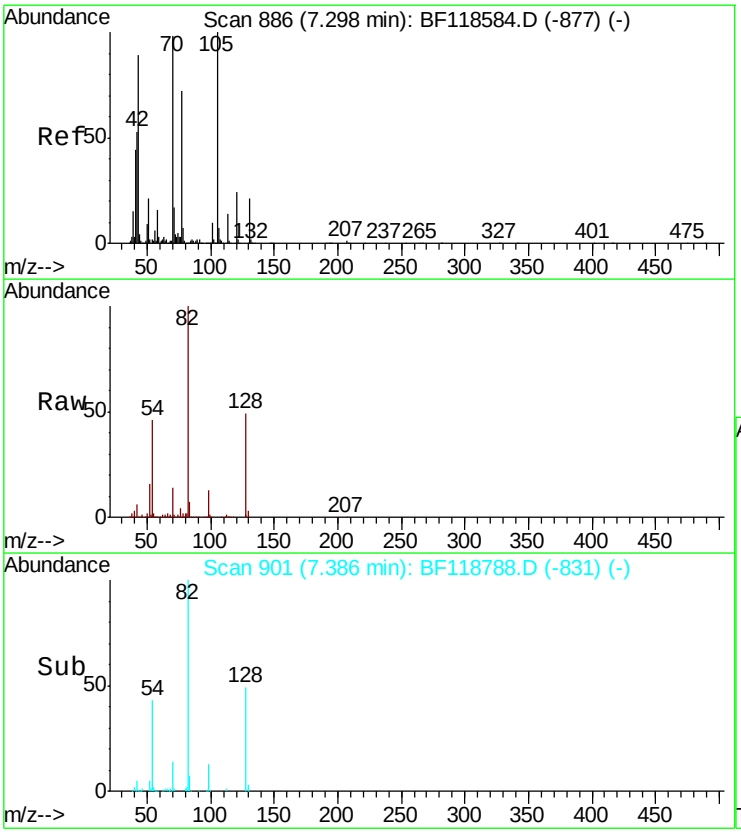
#7
Phenol-d6
Concen: 120.415 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2422876

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.1	19.7
71	37.8	28.4	42.6

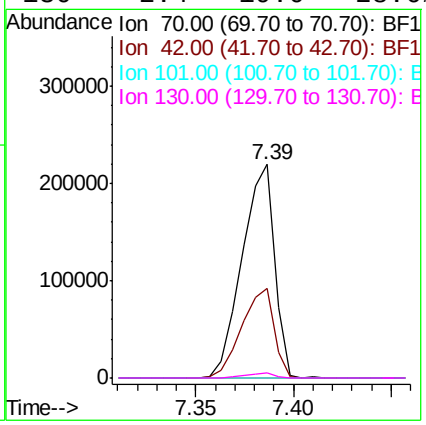


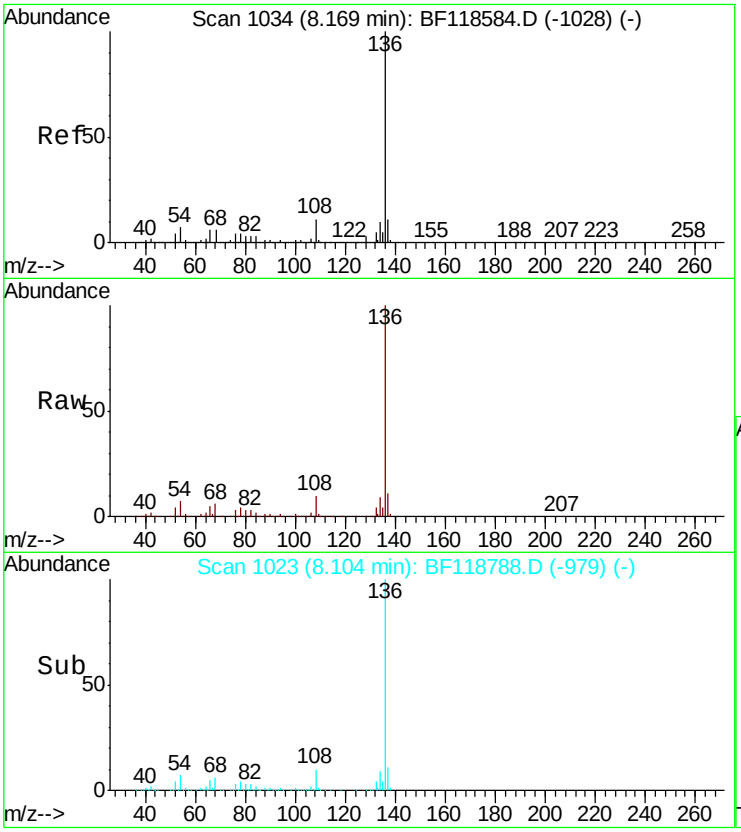


#19
n-Nitroso-di-n-propylamine
Concen: 18.641 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion: 70 Resp: 253265

Ion	Ratio	Lower	Upper
70	100		
42	41.8	41.6	62.4
101	0.0	7.9	11.9#
130	2.4	19.0	28.6#



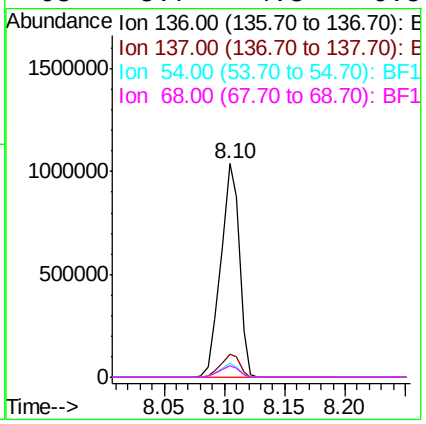


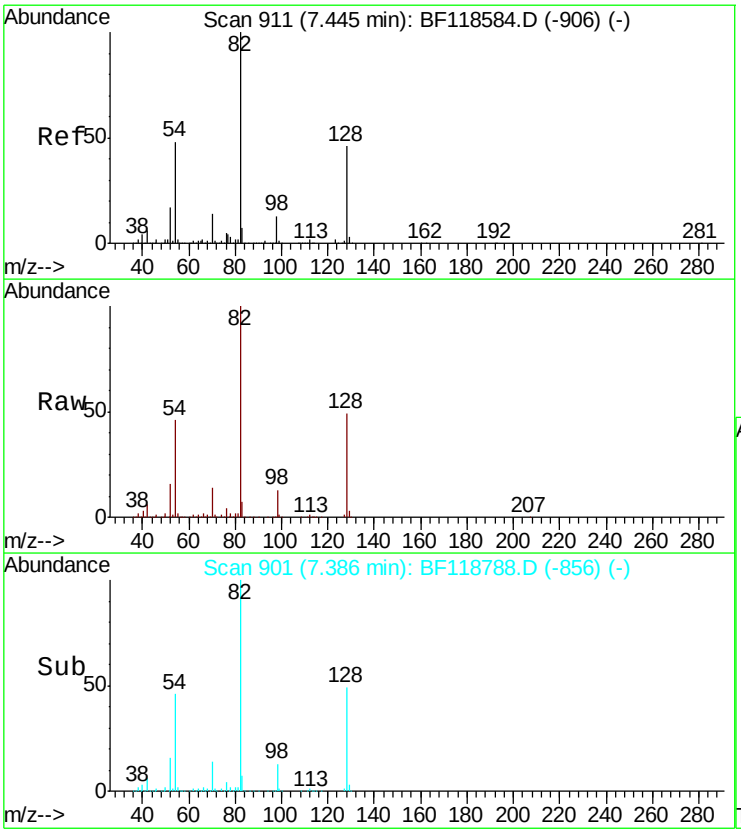
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1106663

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	5.1	7.7
68	5.7	4.3	6.5

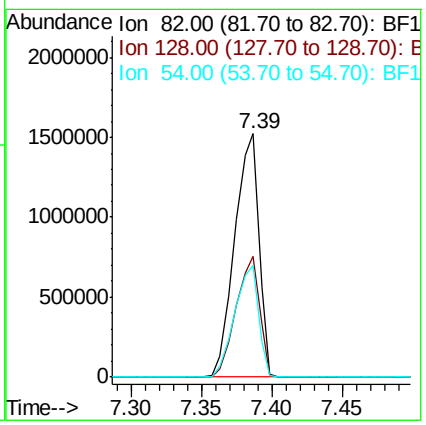


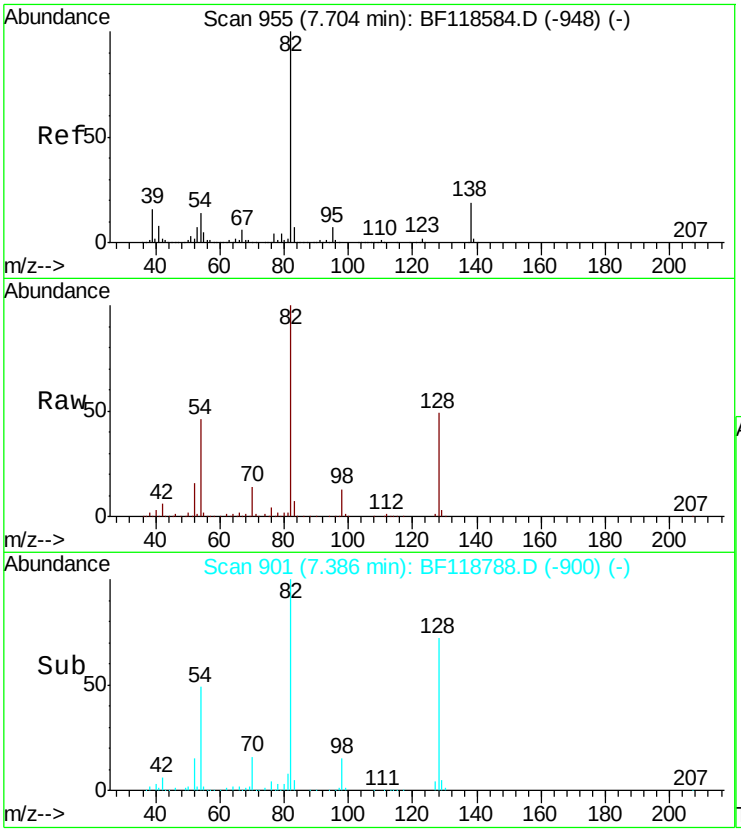


#23
Nitrobenzene-d5
Concen: 91.610 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion: 82 Resp: 1812526

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.2	57.2
54	46.1	36.1	54.1



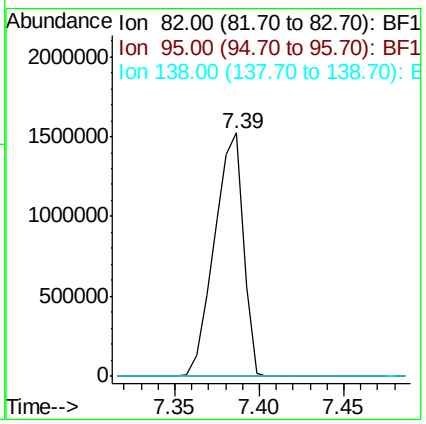


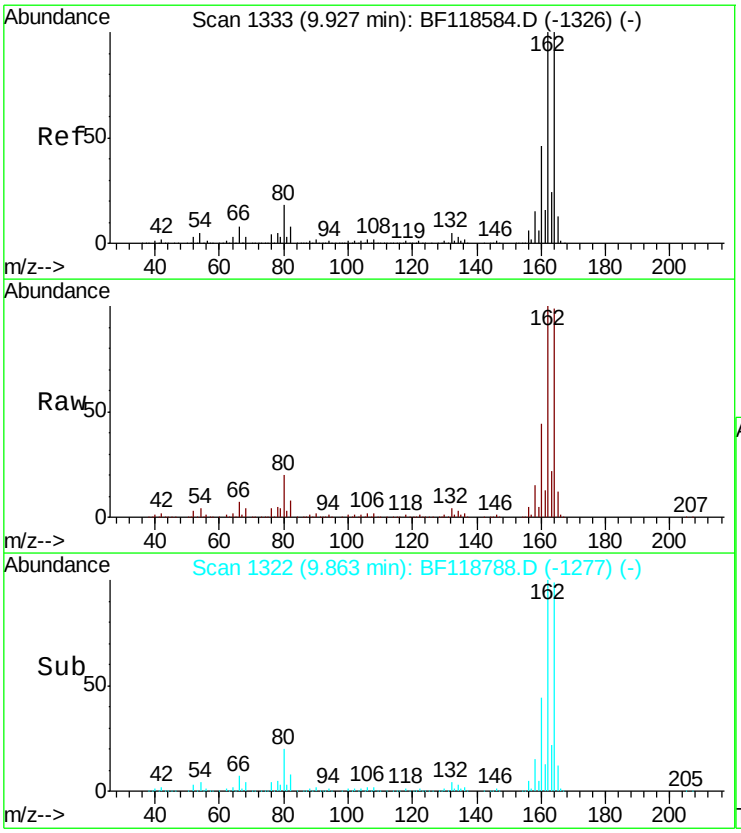
#25
Isophorone
Concen: 50.010 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1804714

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

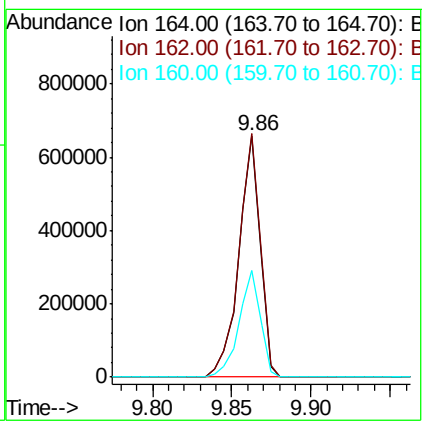


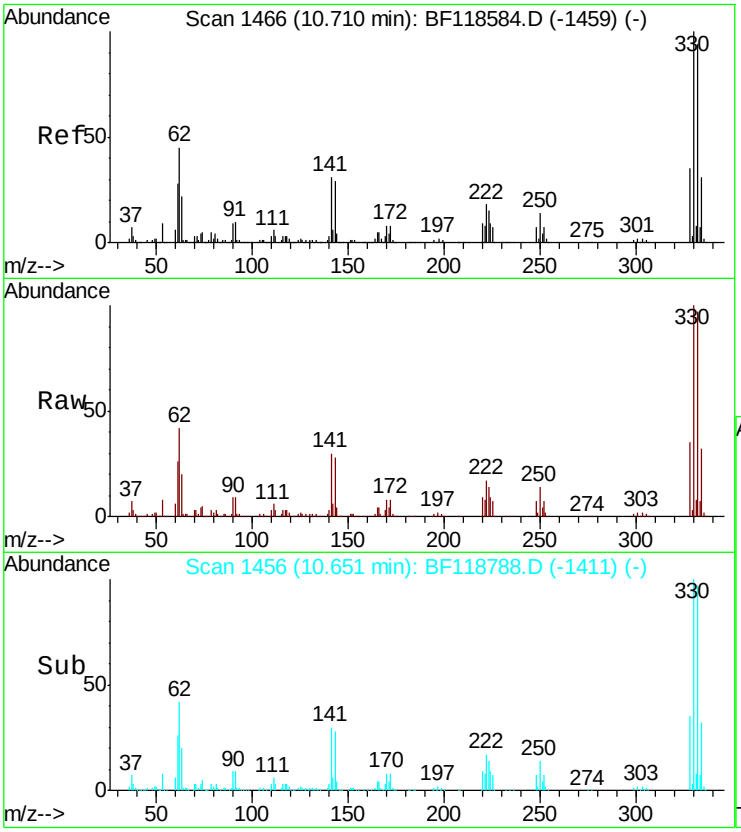


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:164 Resp: 610216

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	43.9	35.4	53.0



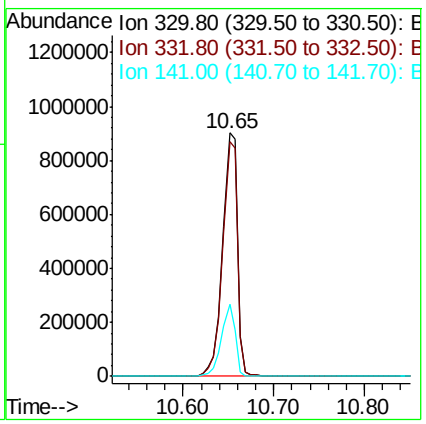


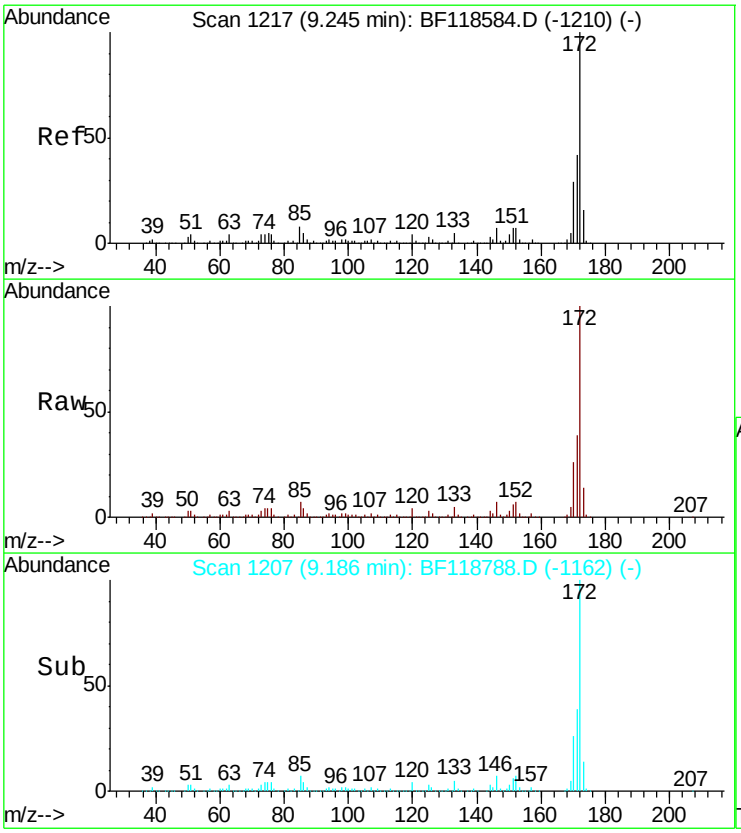
#42
2,4,6-Tribromophenol
Concen: 143.952 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1016002

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	27.5	22.2	33.2

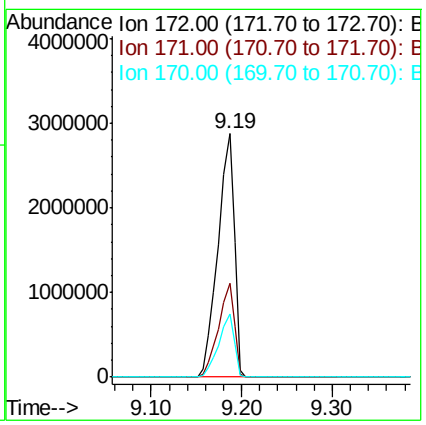


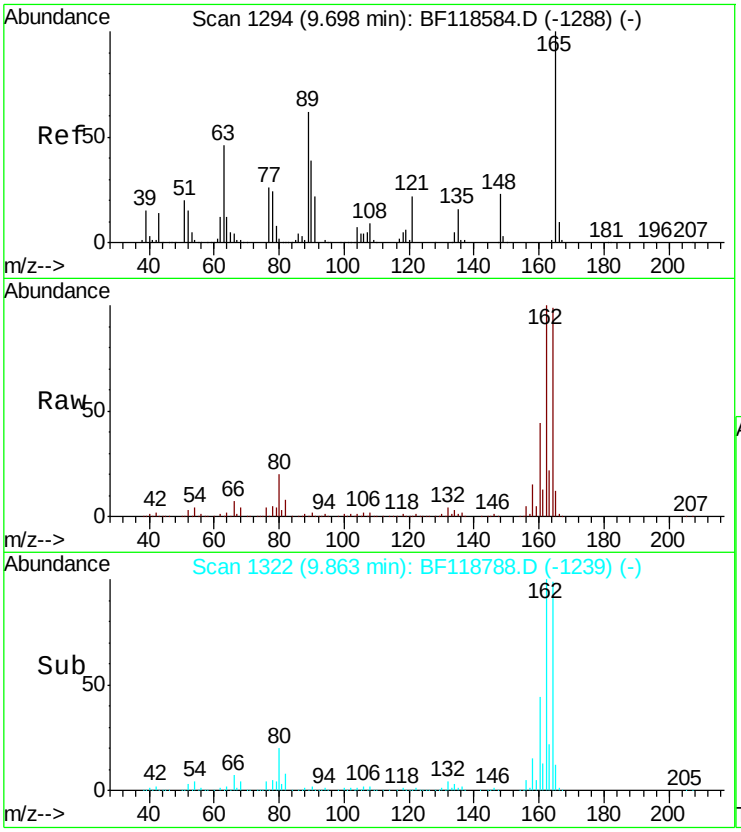


#45
2-Fluorobiphenyl
Concen: 96.319 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:172 Resp: 3575986

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.9	20.7	31.1



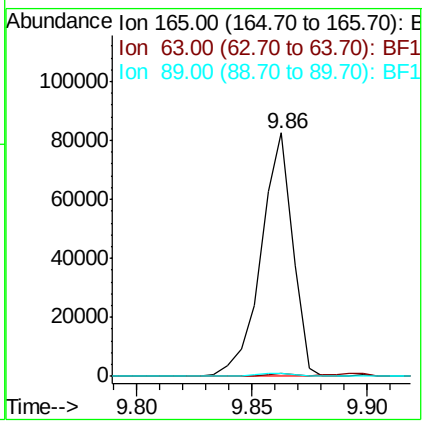


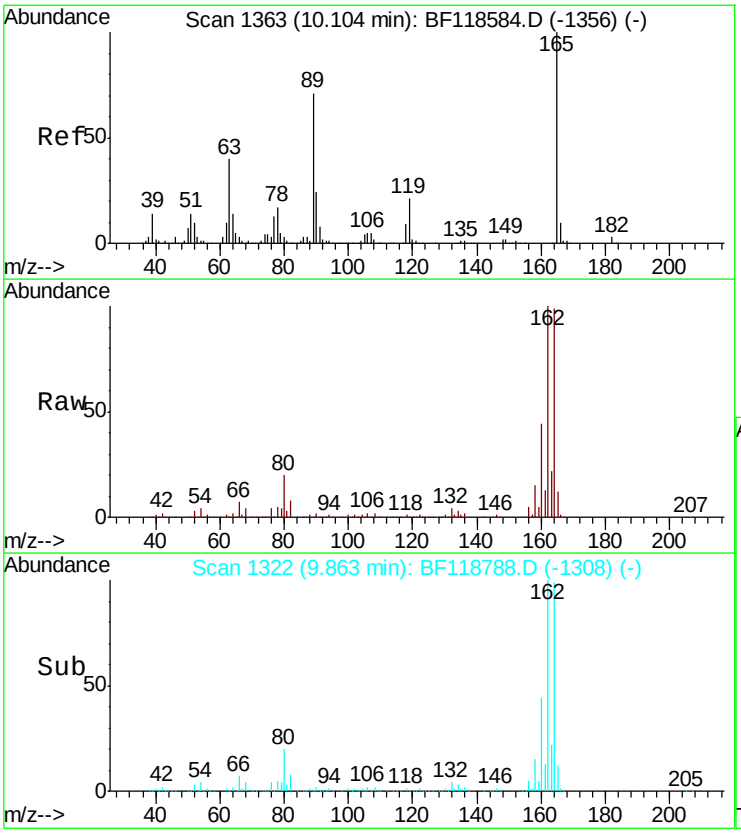
#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 79042

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.8	59.6#
89	1.4	41.4	62.2#

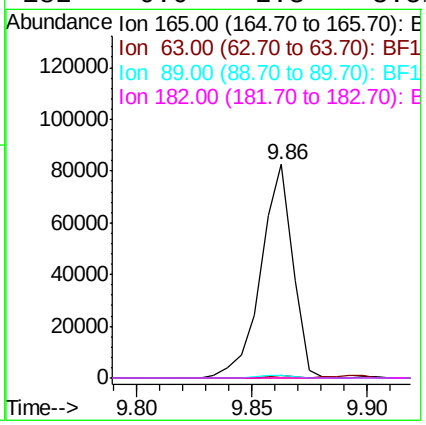


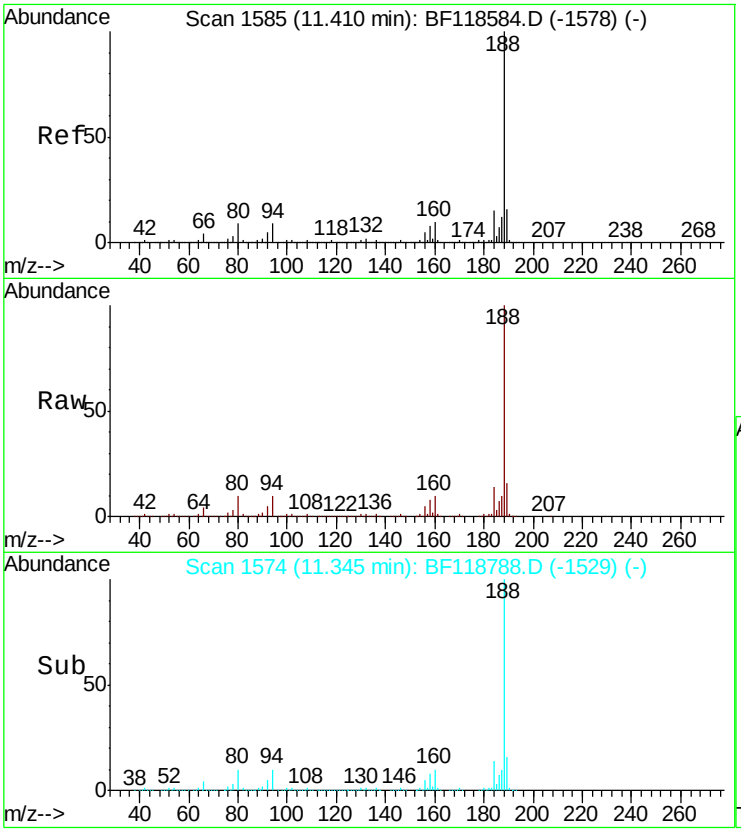


#57
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:165 Resp: 79042

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.5	42.7#
89	1.4	50.4	75.6#
182	0.0	2.3	3.5#



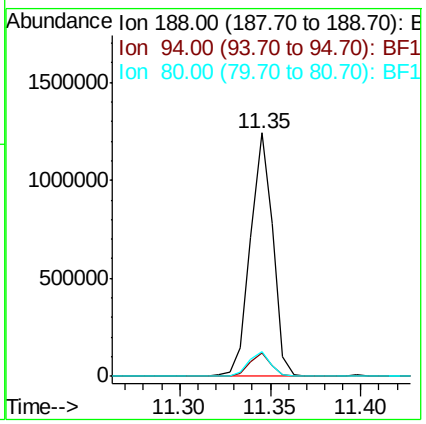


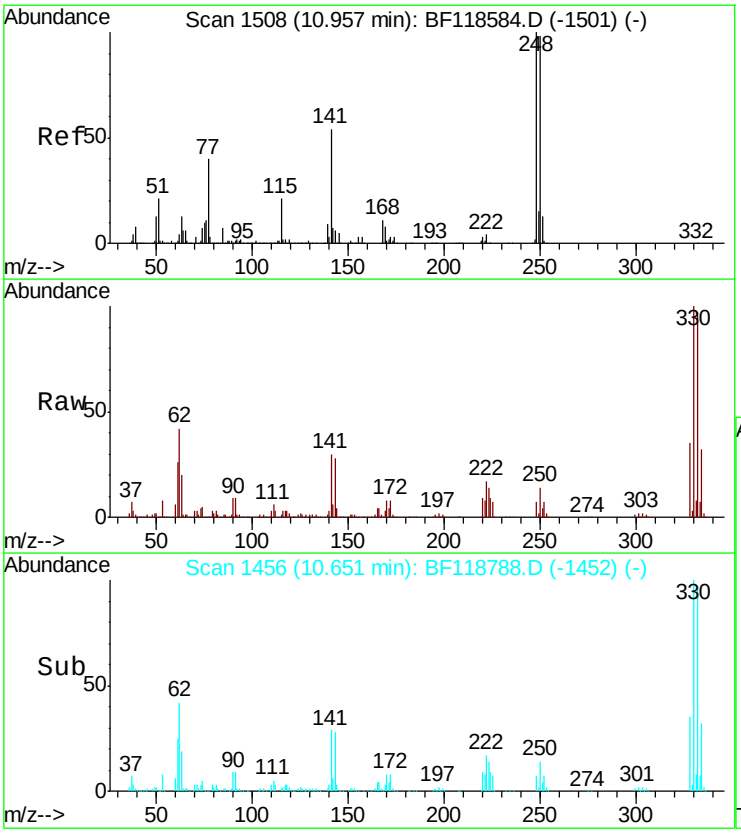
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1065201

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	9.9	7.8	11.8

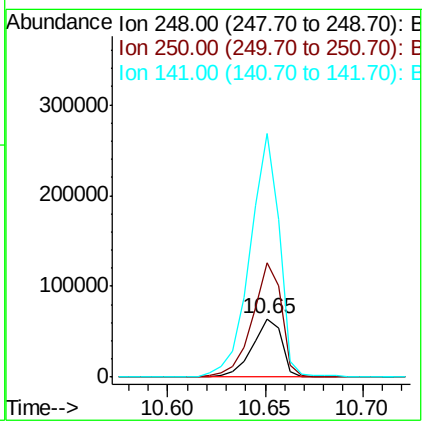


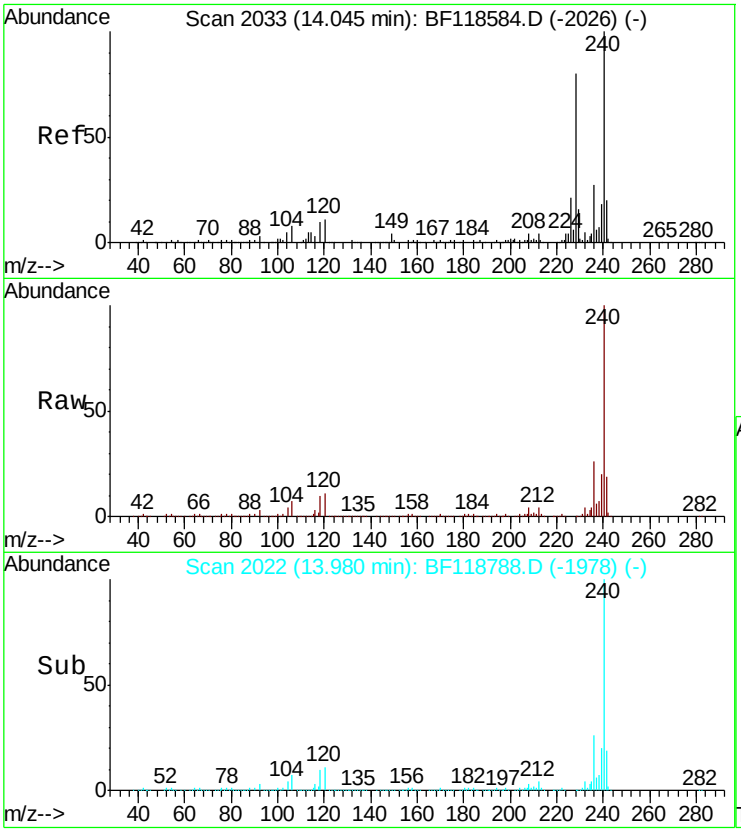


#67
4-Bromophenyl-phenylether
Concen: 5.142 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.28 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:248 Resp: 67675

Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.7	118.1#
141	419.8	48.4	72.6#



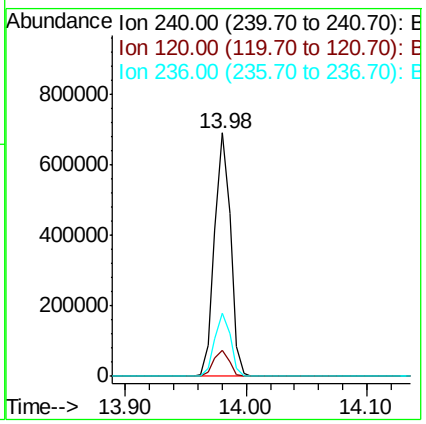


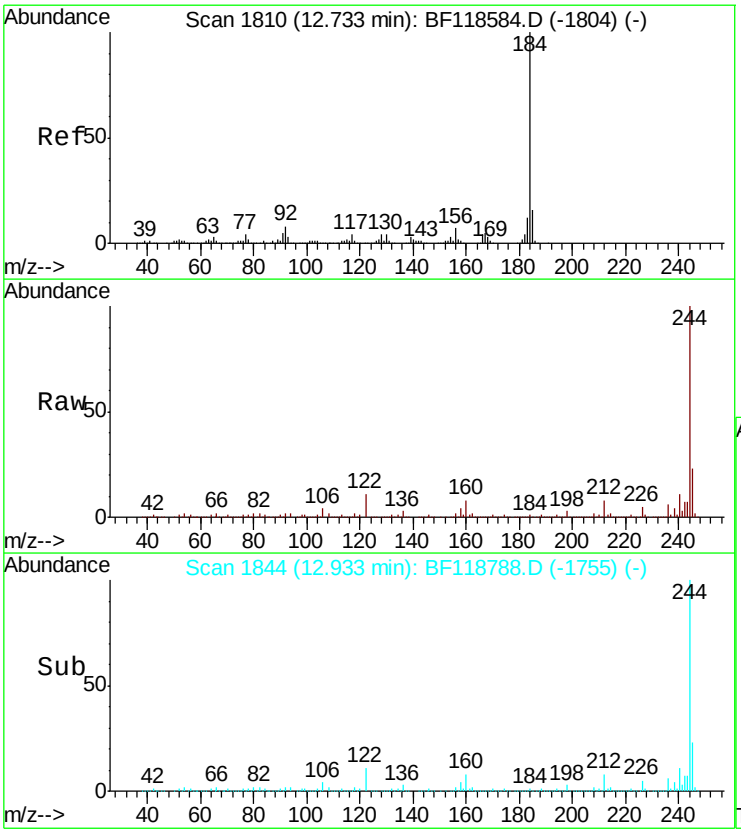
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 621643

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.6	11.4
236	26.0	21.0	31.4

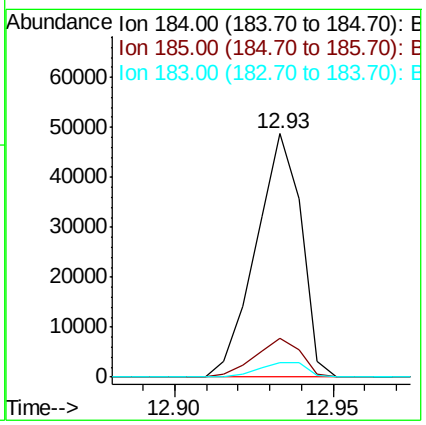


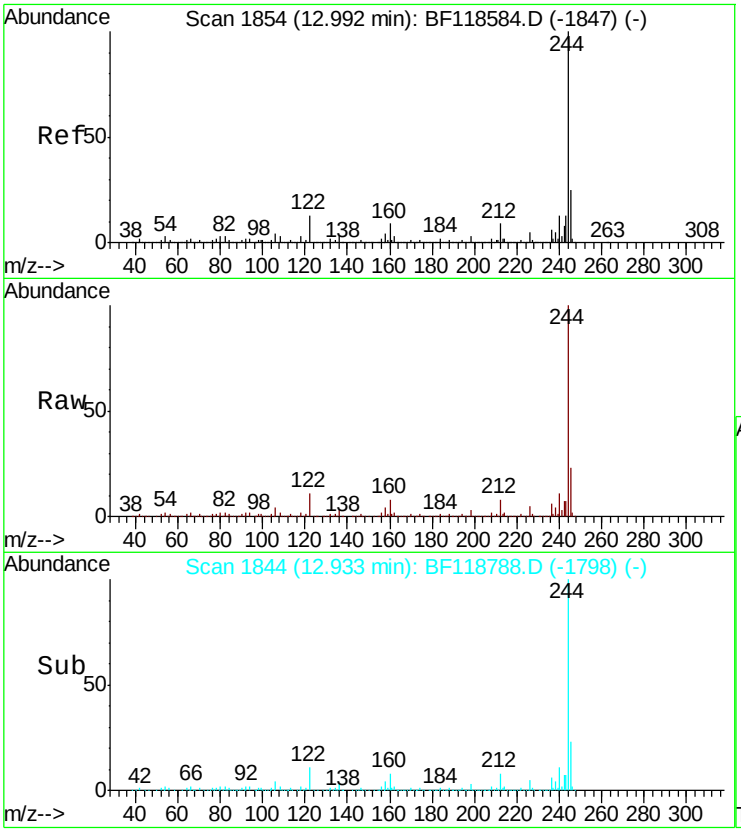


#77
Benzidine
Concen: 2.916 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.22 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:184 Resp: 48434

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	6.2	9.7	14.5#



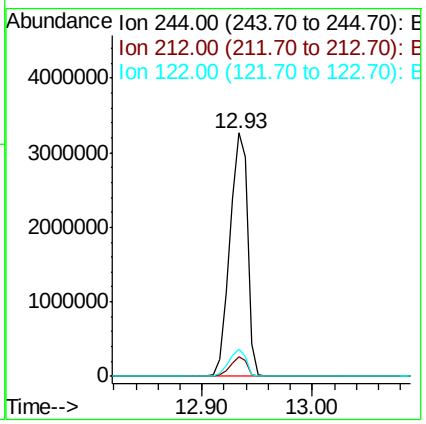


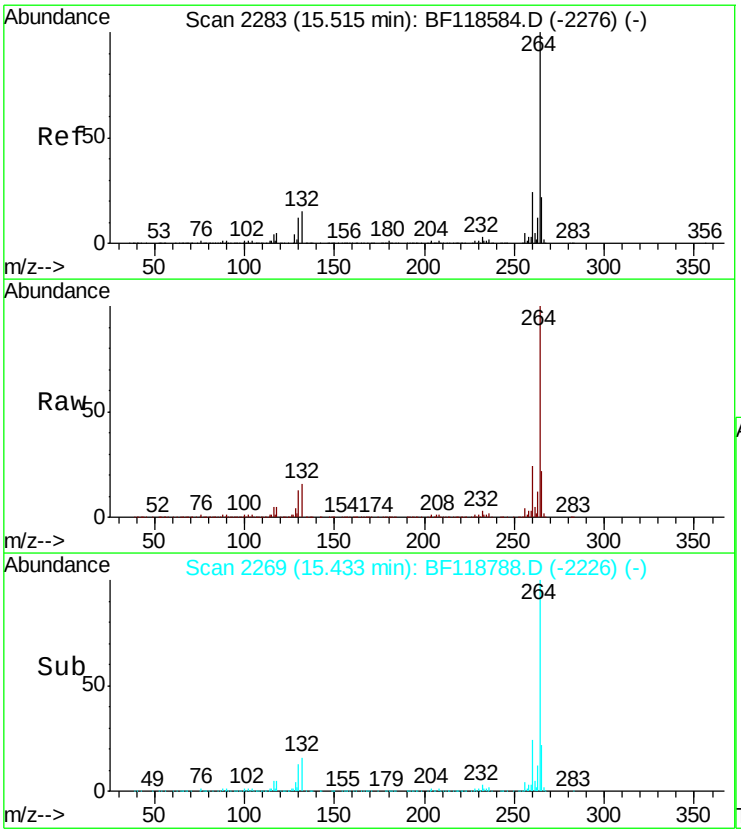
#79
Terphenyl-d14
Concen: 129.157 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BF118788.D
Acq: 31 Jan 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3681170

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	11.4	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: BF118788.D
Acq: 31 Jan 2020 18:06

Tgt Ion:264 Resp: 670961

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.0	25.6