Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118741.D
Acq On : 29 Jan 2020 19:44
Operator : CG/JU
Sample : L1287-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 30 00:11:47 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	6.85	152	270395	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1004970	20.00	ng		-0.02
39) Acenaphthene-d10	9.88	164	552481	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	962920	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	676621	20.00	ng		-0.02
87) Perylene-d12	15.46	264	732091	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1735292	119.19	ng		0.00
7) Phenol-d6	6.47	99	1925770	101.77	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1467572	81.68	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	795675	124.52	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	2852300	84.86	ng		-0.02
79) Terphenyl-d14	12.95	244	3239287	104.42	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	201389	15.762	ng	#	76
25) Isophorone	7.40	82	1467550	44.782	ng	#	63
31) Naphthalene	8.15	128	204758	4.510	ng		97
37) 2-Methylnaphthalene	8.84	142	82535	2.576	ng		96
38) 1-Methylnaphthalene	8.94	142	174554	5.734	ng		99
50) Dimethylphthalate	9.59	163	156268	4.341	ng		99
52) Acenaphthene	9.92	154	77700	2.574	ng		99
57) 2,4-Dinitrotoluene	9.88	165	73350	7.219	ng	#	30
67) 4-Bromophenyl-phenylether	10.67	248	51373	4.318	ng	#	1
77) Benzidine	12.95	184	40610	2.246	ng	#	92

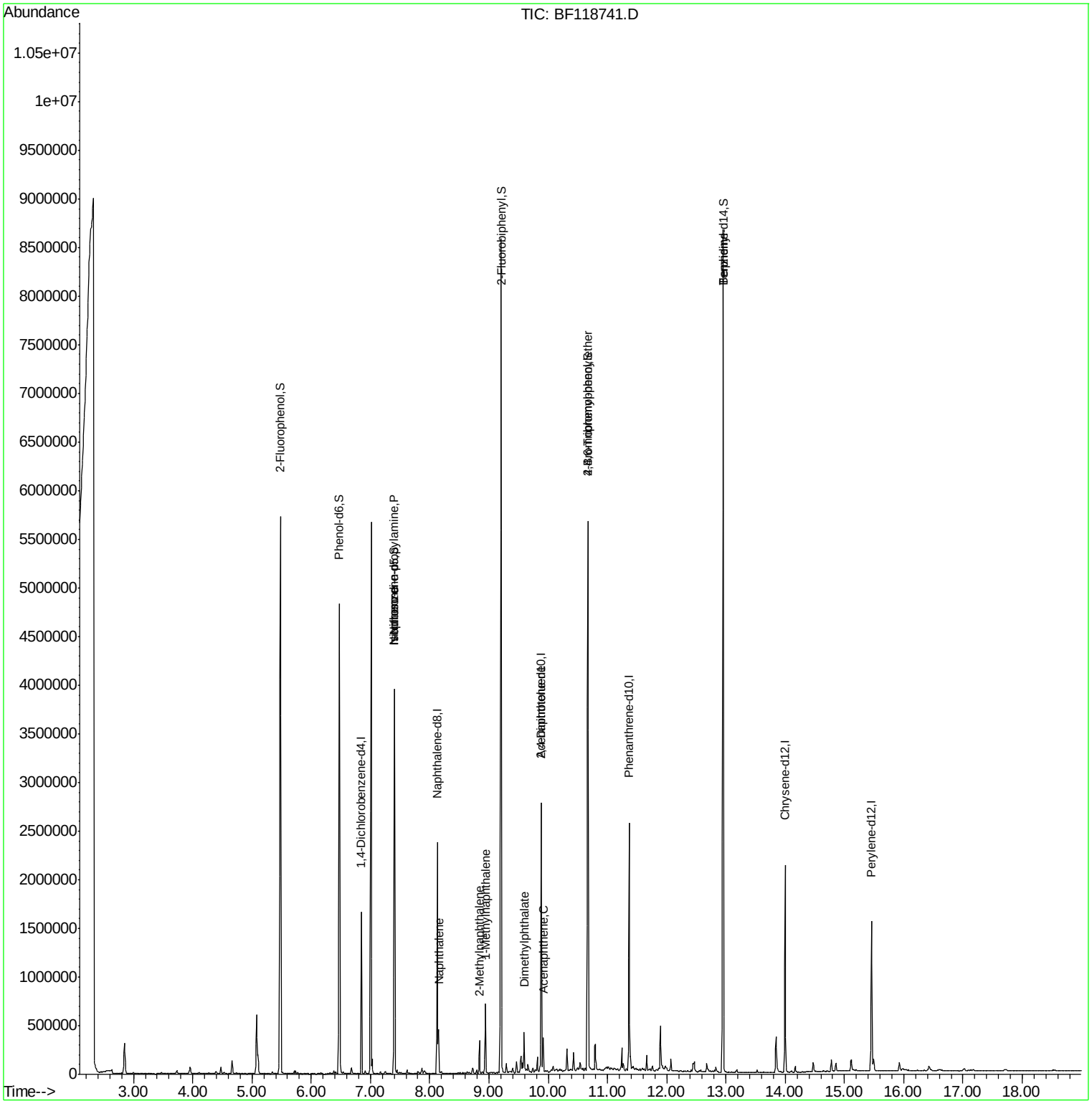
(#) = qualifier out of range (m) = manual integration (+) = signals summed

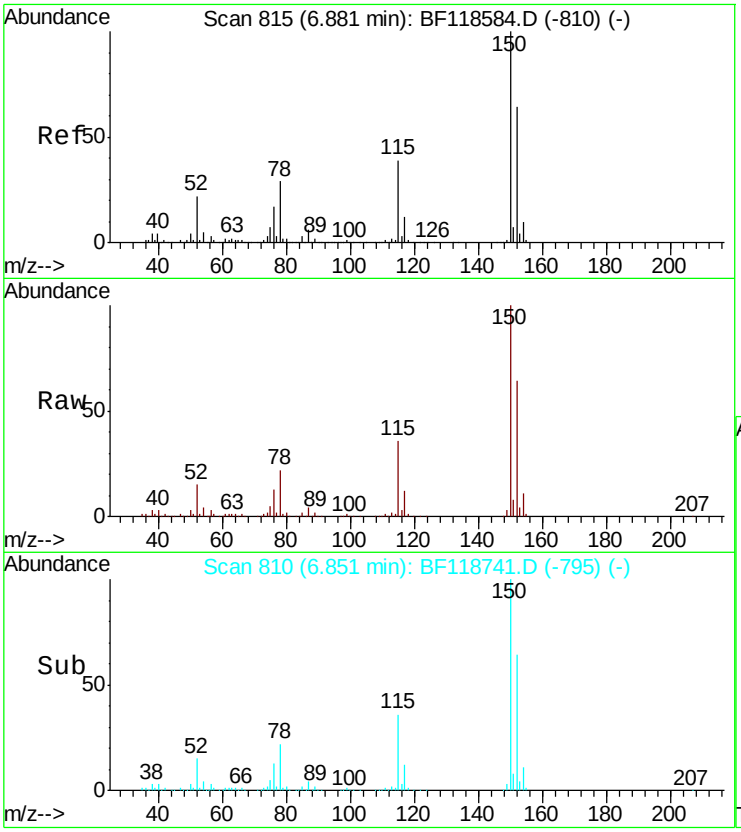
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118741.D
Acq On : 29 Jan 2020 19:44
Operator : CG/JU
Sample : L1287-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 30 00:11:47 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



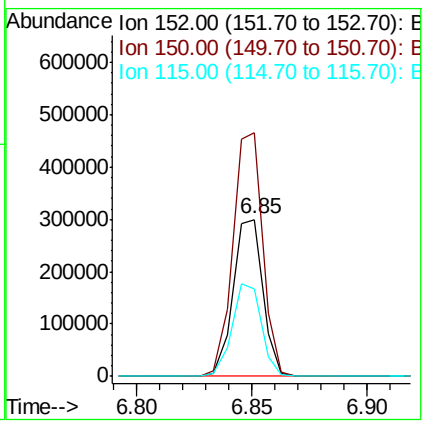


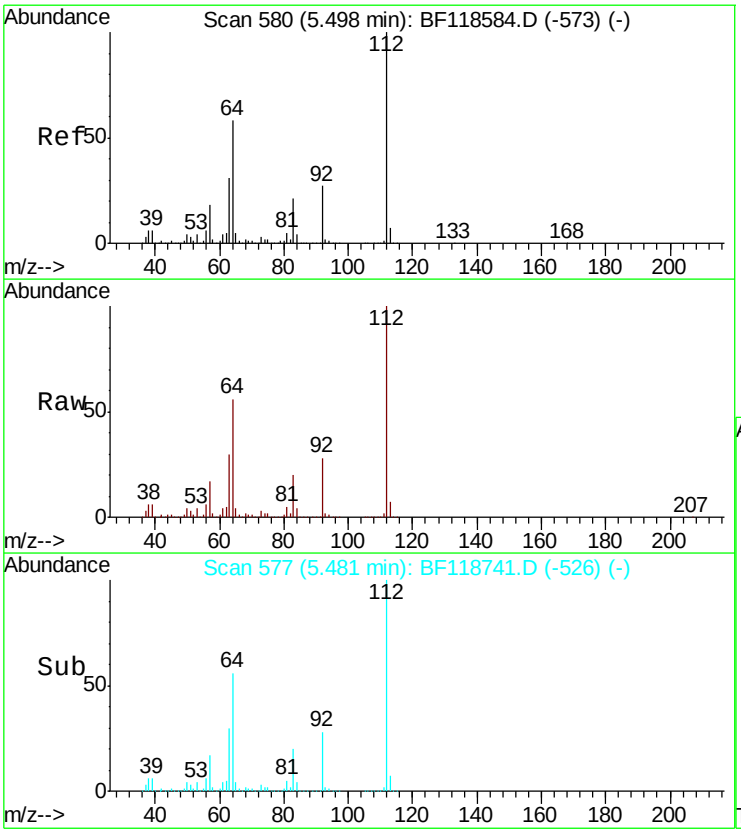
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 270395

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	56.1	45.1	67.7

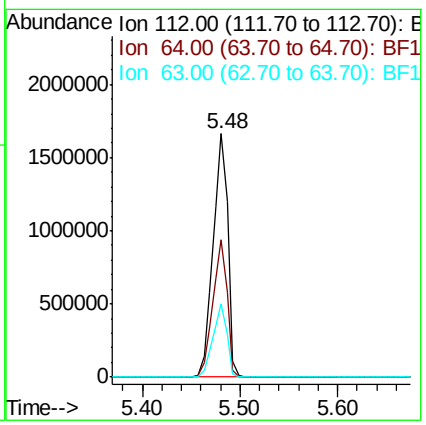


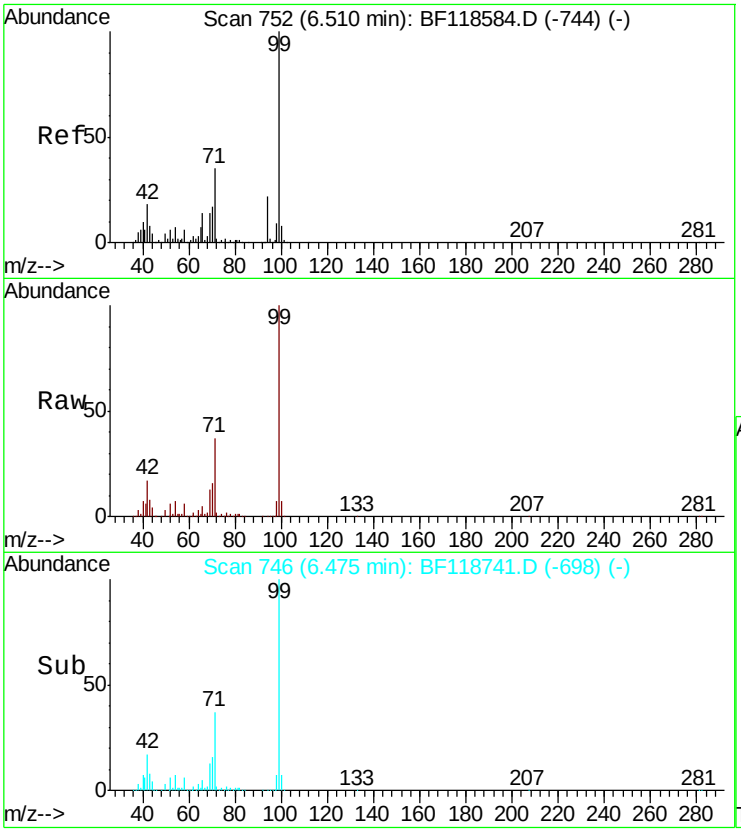


#5
2-Fluorophenol
Concen: 119.191 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:112 Resp: 1735292

Ion	Ratio	Lower	Upper
112	100		
64	56.4	42.4	63.6
63	30.0	21.7	32.5



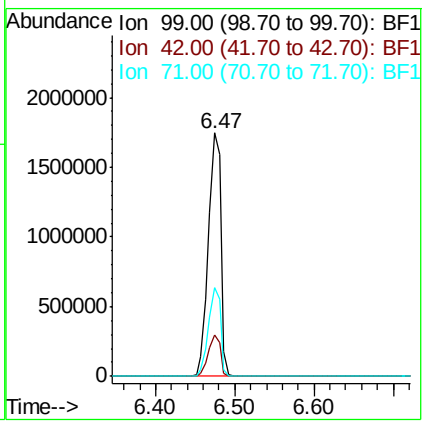


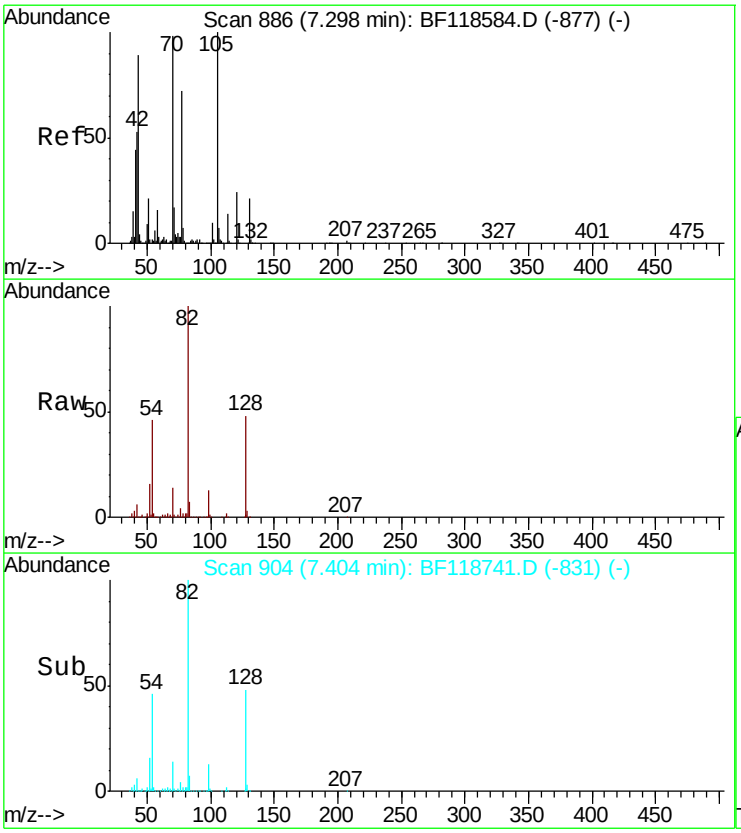
#7
Phenol-d6
Concen: 101.770 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1925770

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.5	28.4	42.6

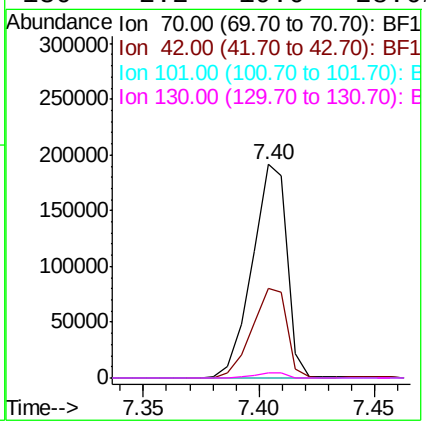


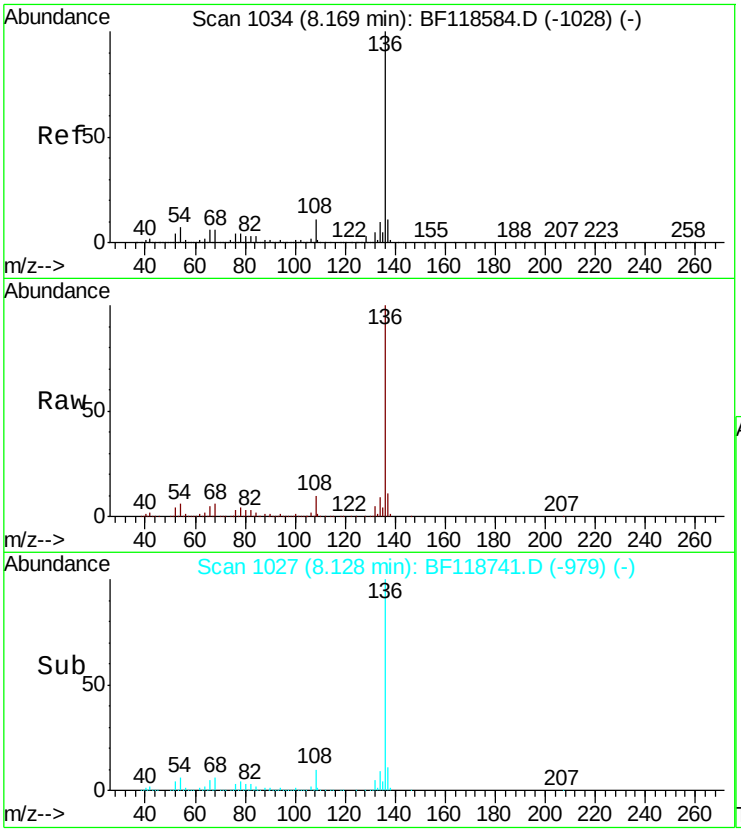


#19
n-Nitroso-di-n-propylamine
Concen: 15.762 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion: 70 Resp: 201389

Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.6	62.4
101	0.0	7.9	11.9#
130	2.2	19.0	28.6#



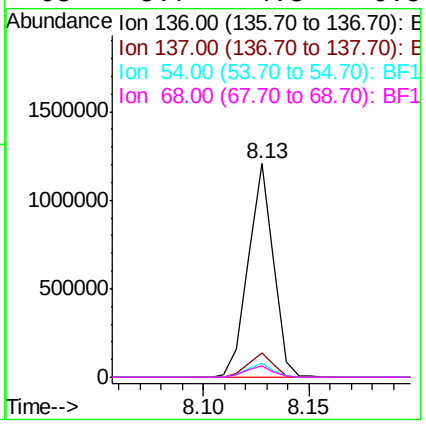


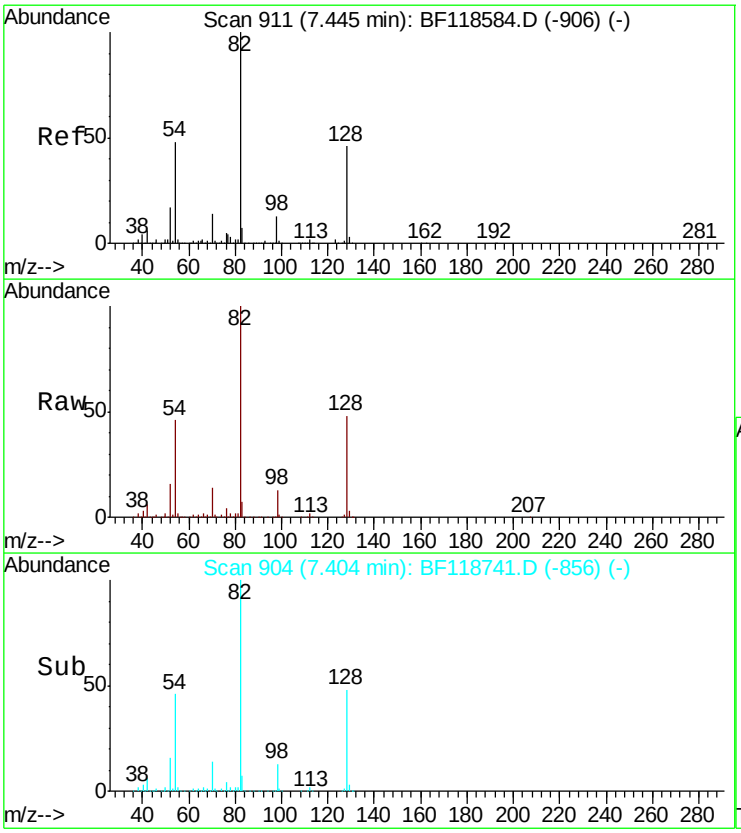
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1004970

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	5.1	7.7
68	5.7	4.3	6.5

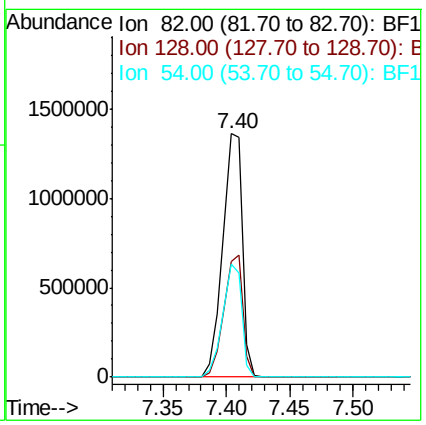


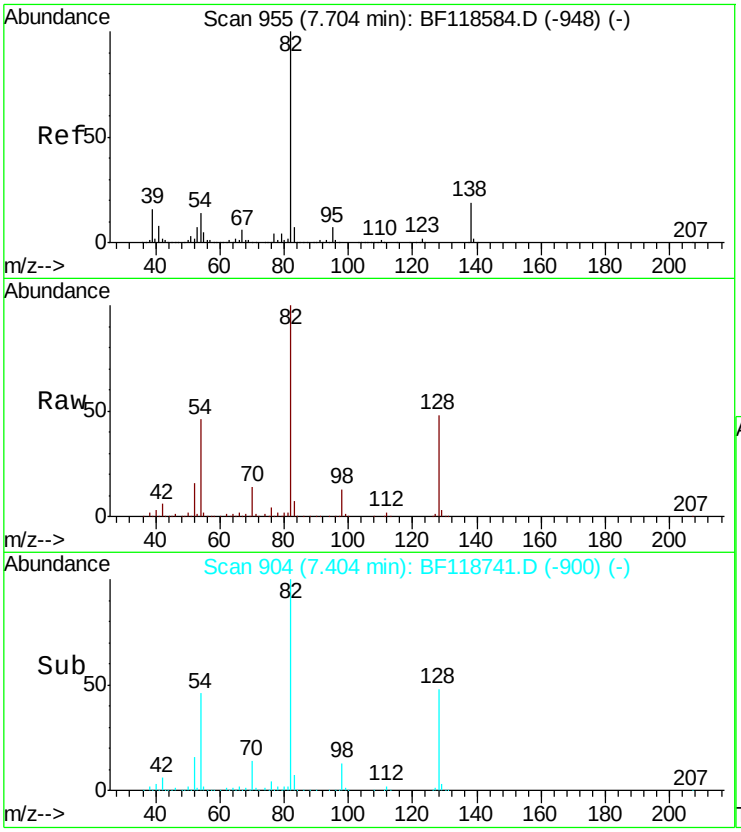


#23
Nitrobenzene-d5
Concen: 81.681 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion: 82 Resp: 1467572

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.2	57.2
54	46.3	36.1	54.1



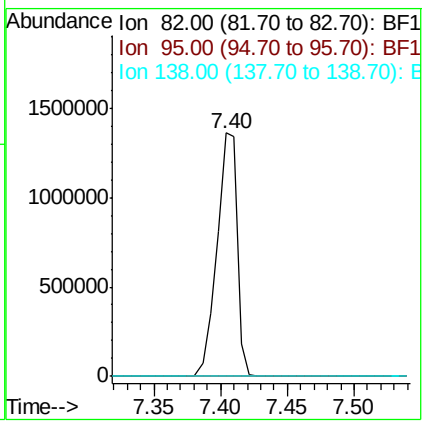


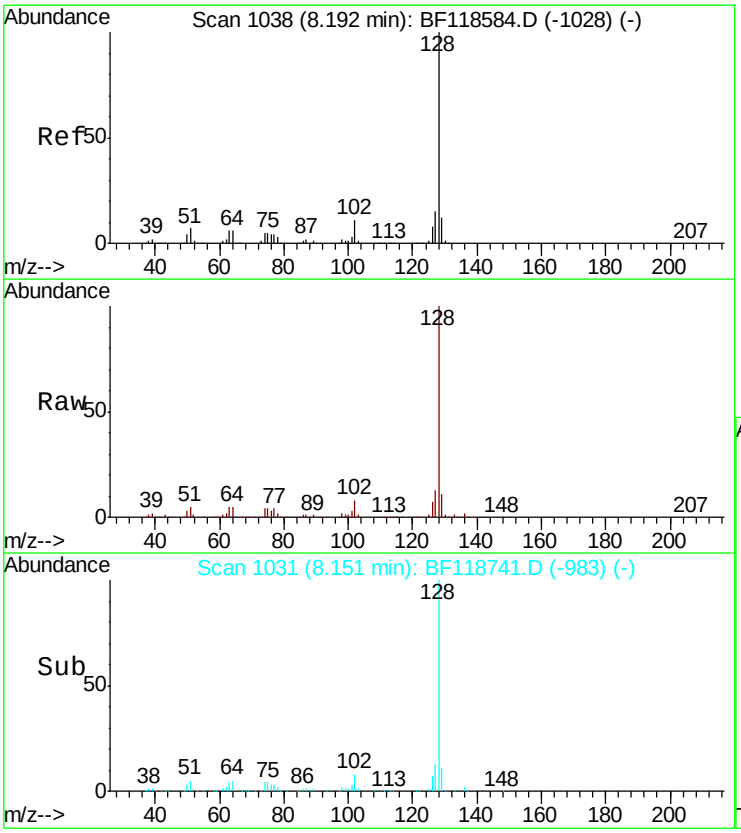
#25
Isophorone
Concen: 44.782 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1467550

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

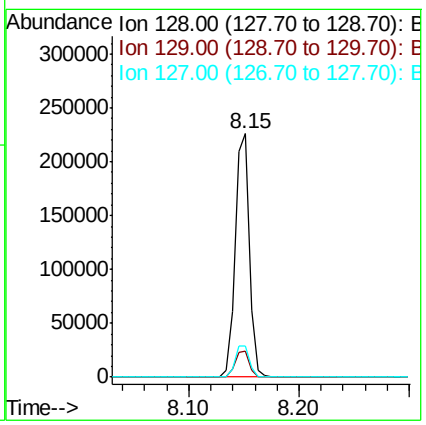


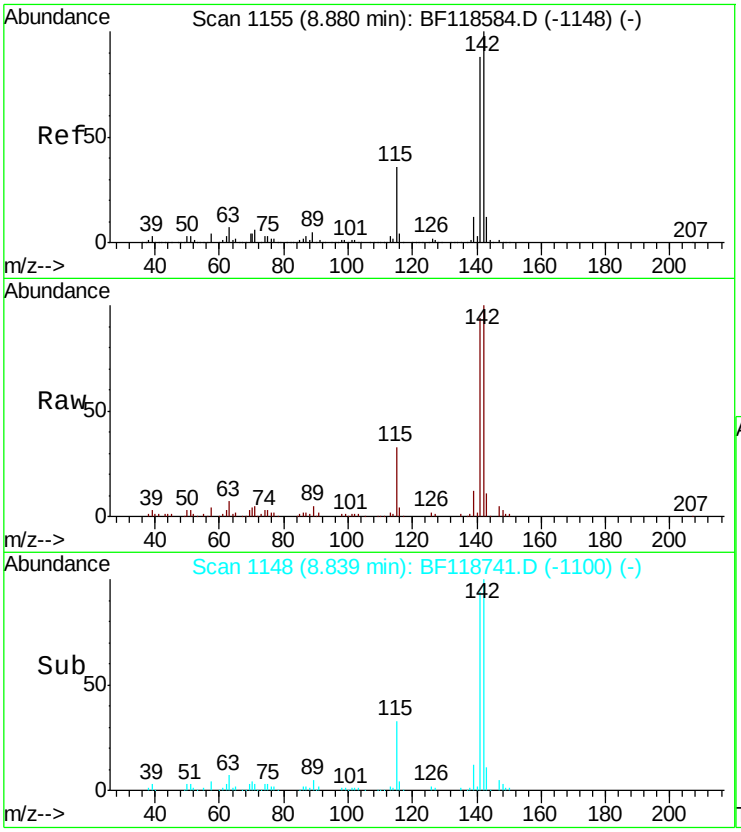


#31
Naphthalene
Concen: 4.510 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:128 Resp: 204758

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	11.3	16.9



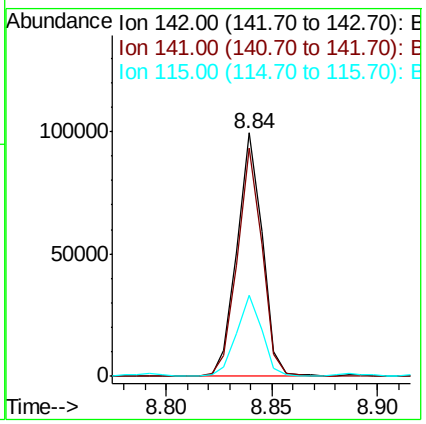


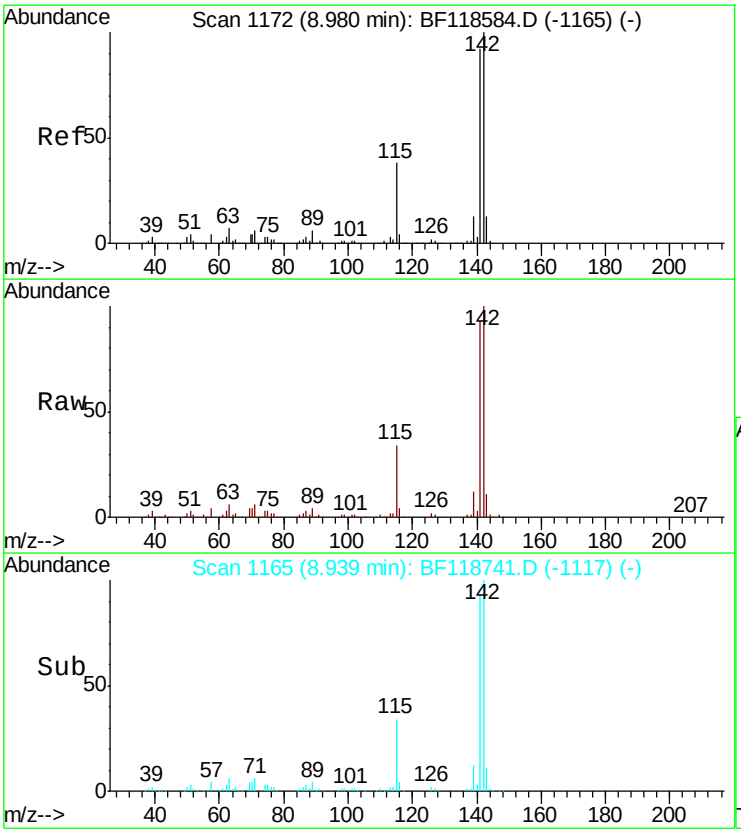
#37
2-Methylnaphthalene
Concen: 2.576 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 82535

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.4	107.0
115	33.2	27.5	41.3

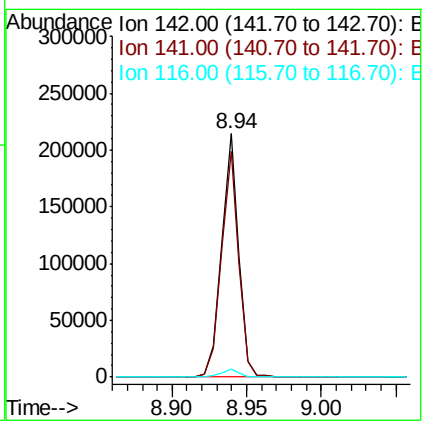


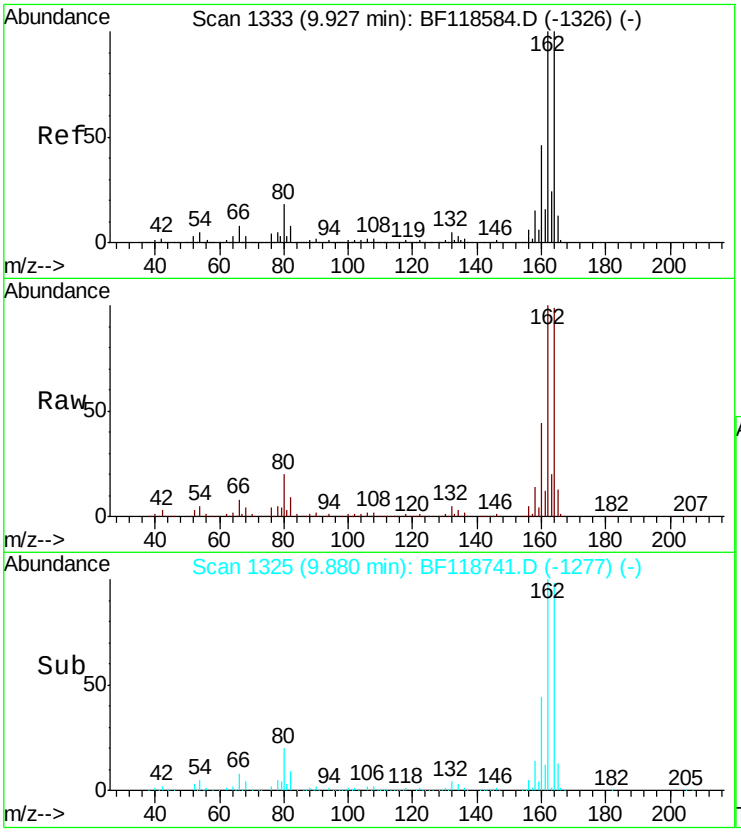


#38
1-Methylnaphthalene
Concen: 5.734 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:142 Resp: 174554

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.5	110.3
116	3.6	3.0	4.6



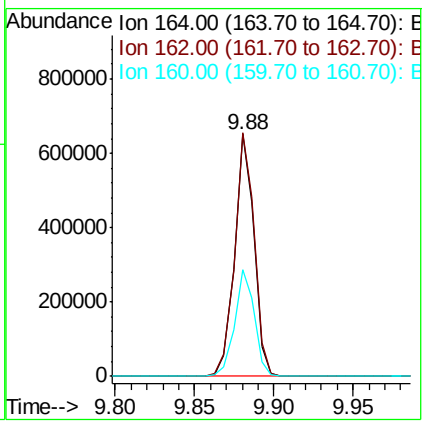


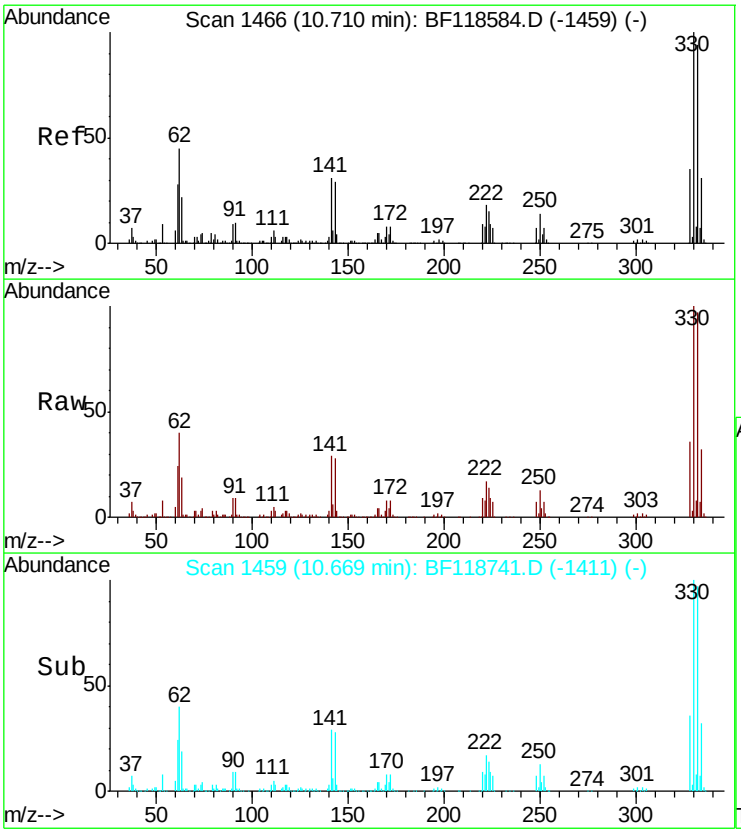
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 552481

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	44.3	35.4	53.0

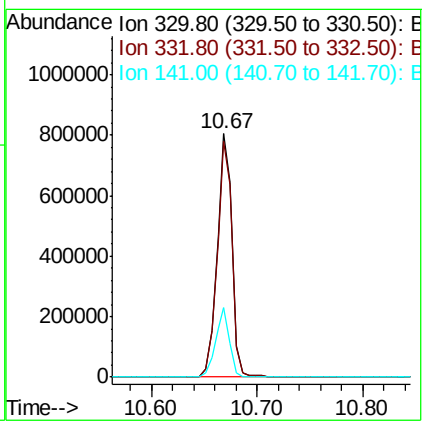


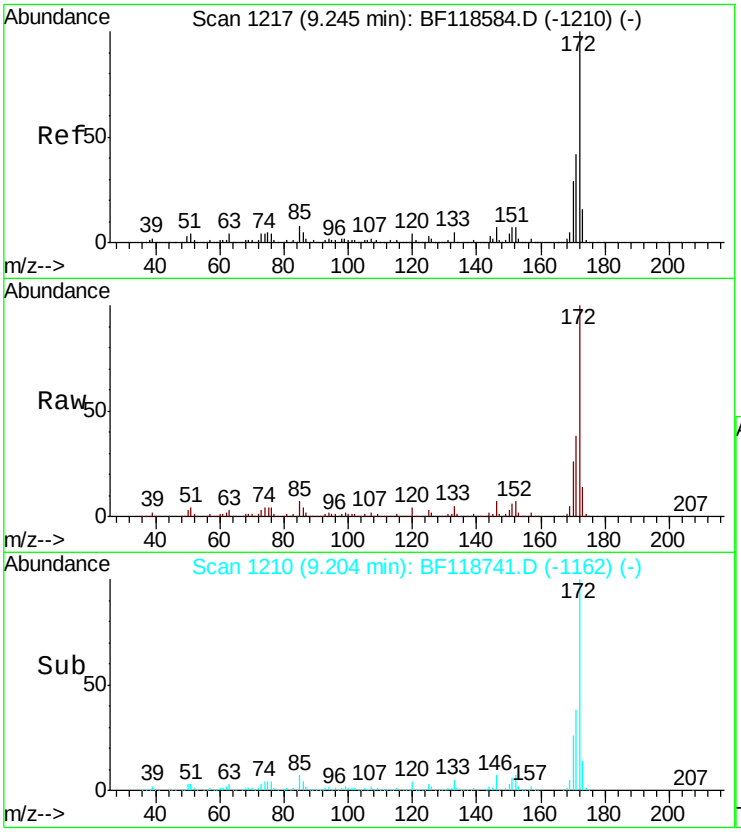


#42
2,4,6-Tribromophenol
Concen: 124.516 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:330 Resp: 795675

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	27.5	22.2	33.2



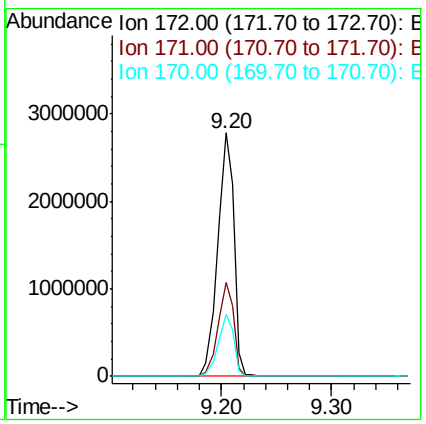


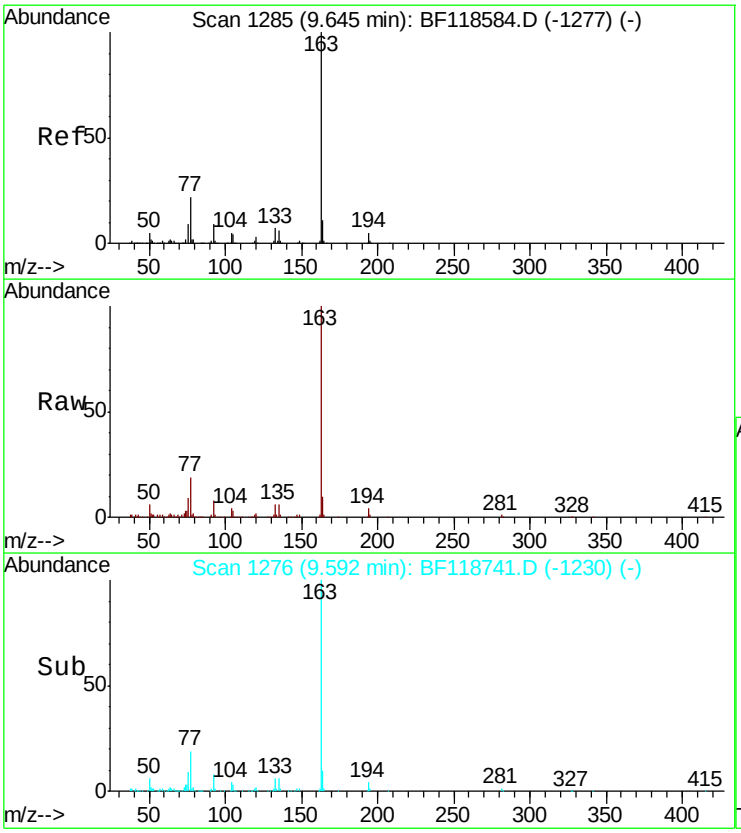
#45
2-Fluorobiphenyl
Concen: 84.855 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2852300

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.5	20.7	31.1

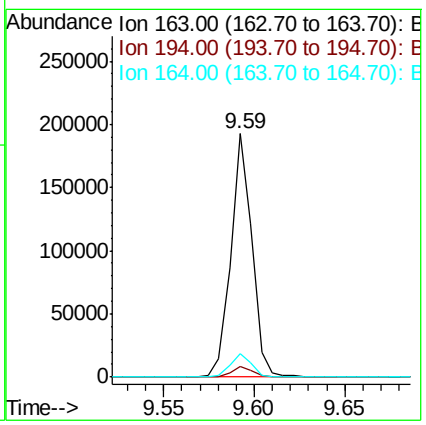


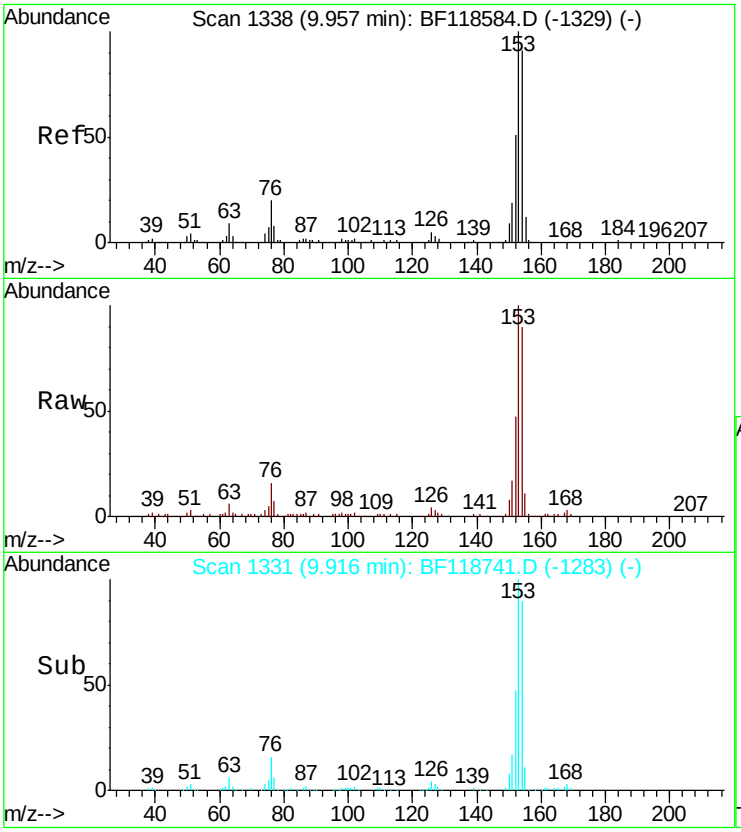


#50
Dimethylphthalate
Concen: 4.341 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:163 Resp: 156268

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	9.6	8.2	12.2



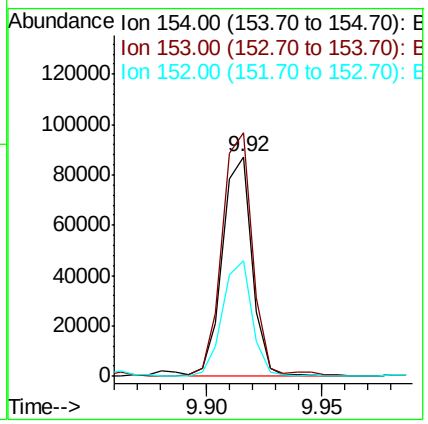


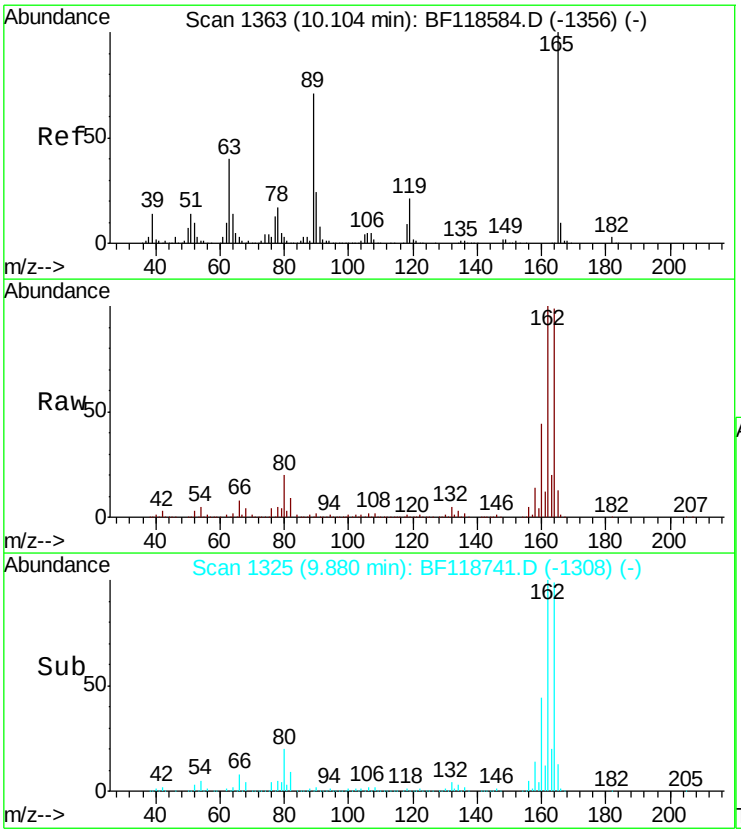
#52
Acenaphthene
Concen: 2.574 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 77700

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.1	133.7
152	52.6	43.0	64.6

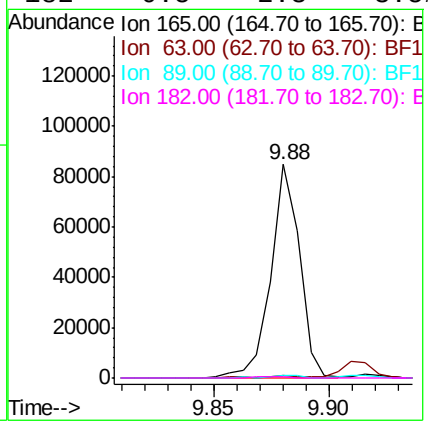


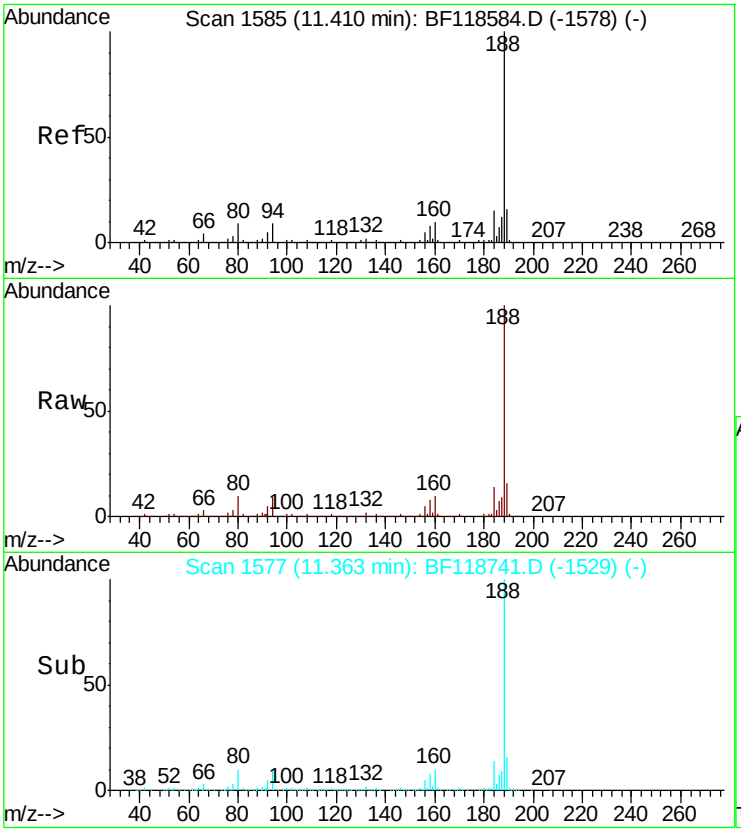


#57
2,4-Dinitrotoluene
Concen: 7.219 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:165 Resp: 73350

Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.5	42.7#
89	1.3	50.4	75.6#
182	0.5	2.3	3.5#



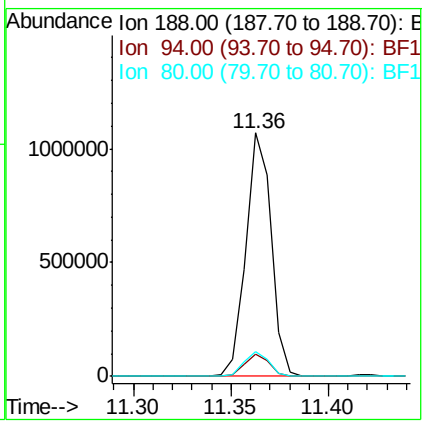


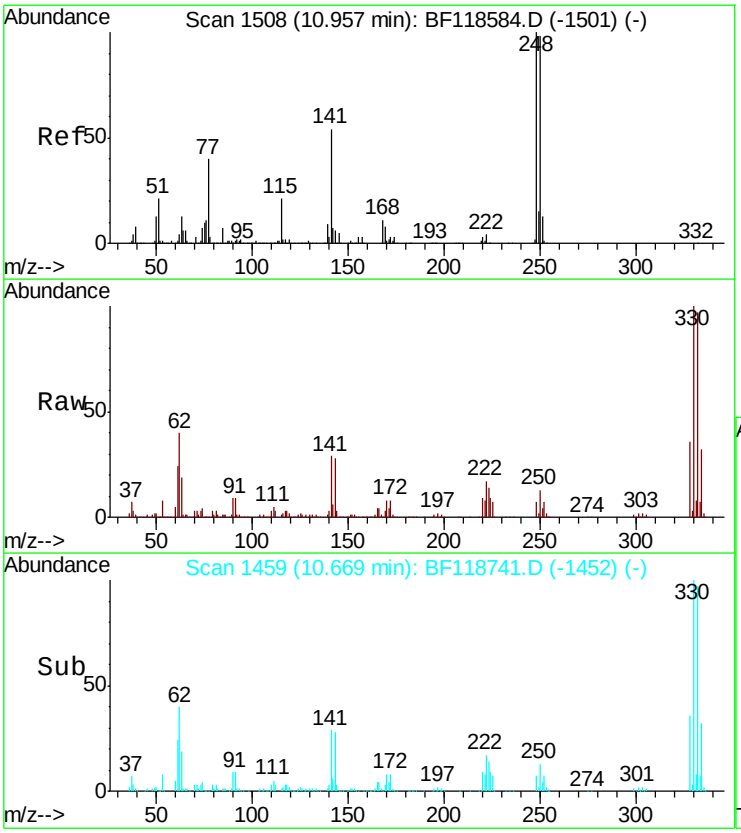
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 962920

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.2	7.8	11.8

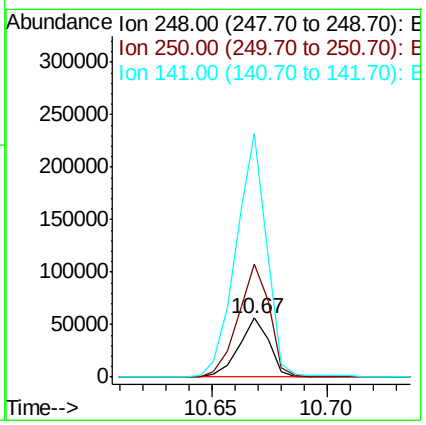


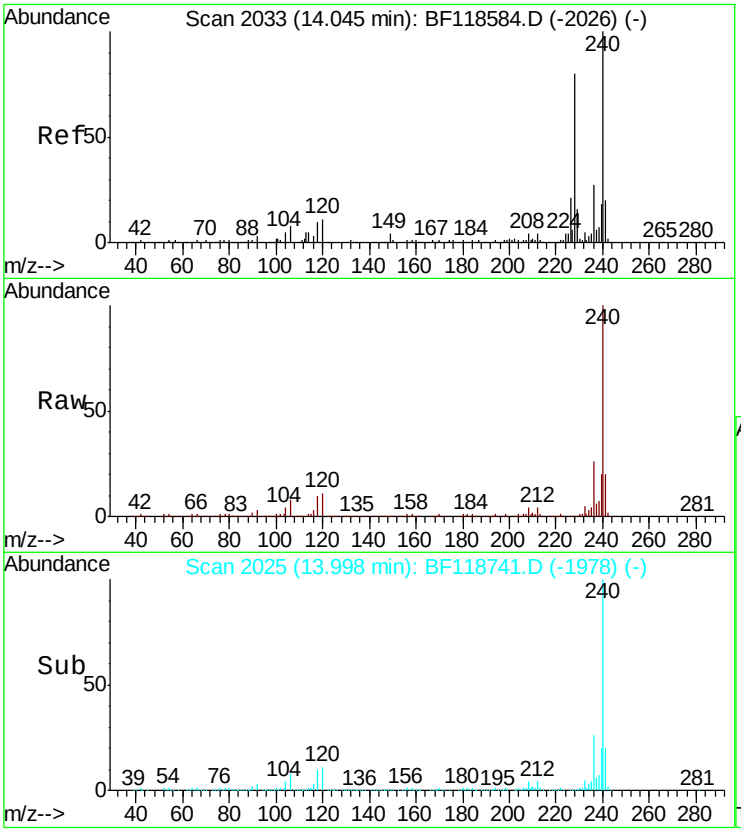


#67
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:248 Resp: 51373

Ion	Ratio	Lower	Upper
248	100		
250	191.9	78.7	118.1#
141	414.6	48.4	72.6#



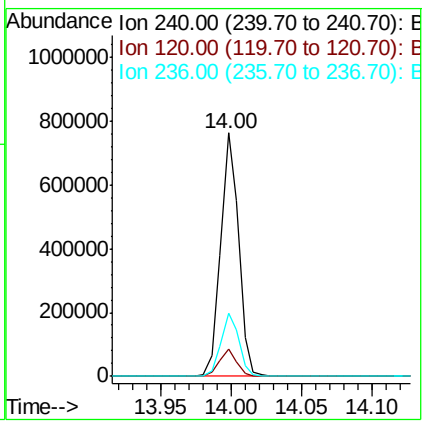


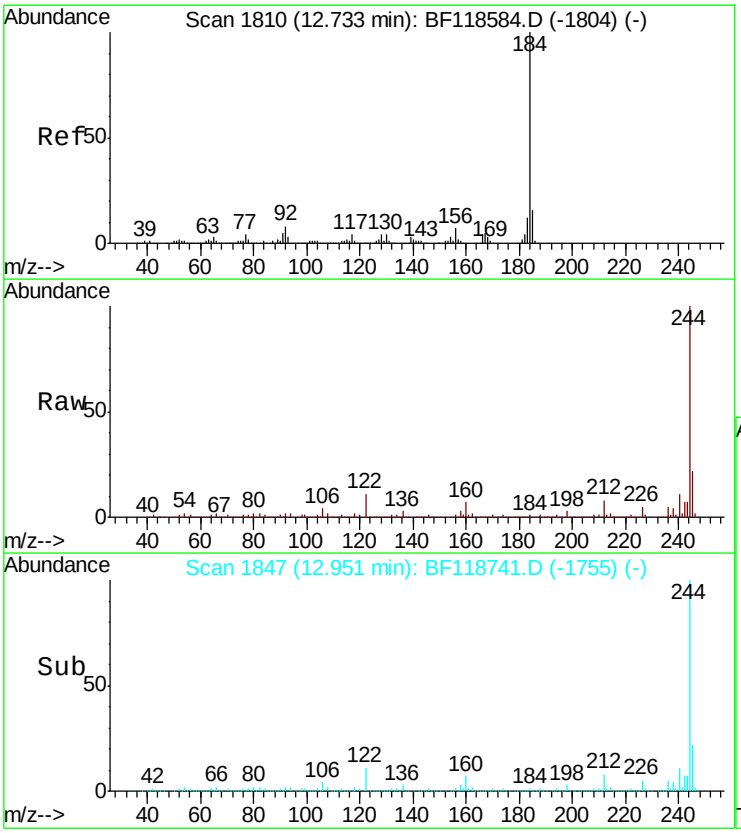
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 676621

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.6	11.4
236	26.2	21.0	31.4

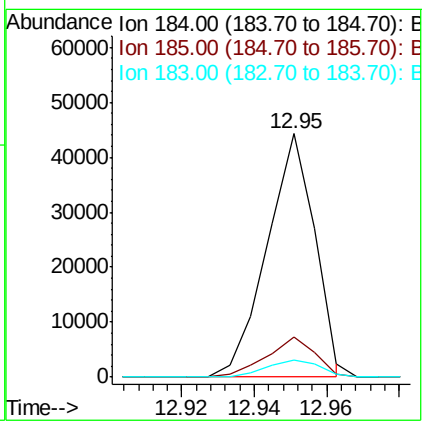


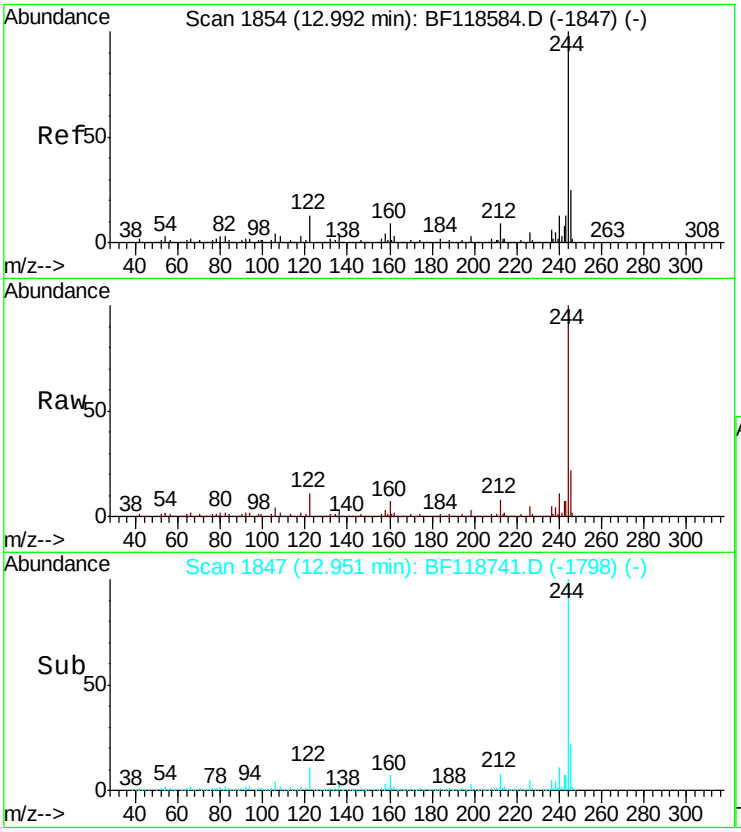


#77
Benzidine
Concen: 2.246 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.24 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:184 Resp: 40610

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.8	17.8
183	6.7	9.7	14.5#



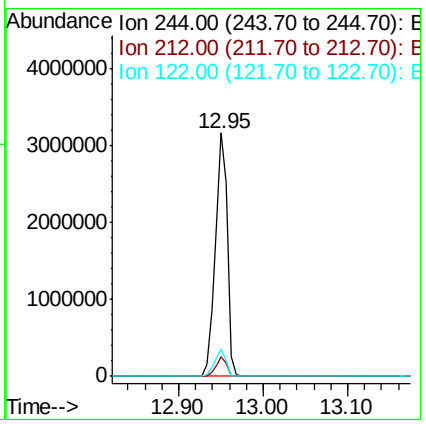


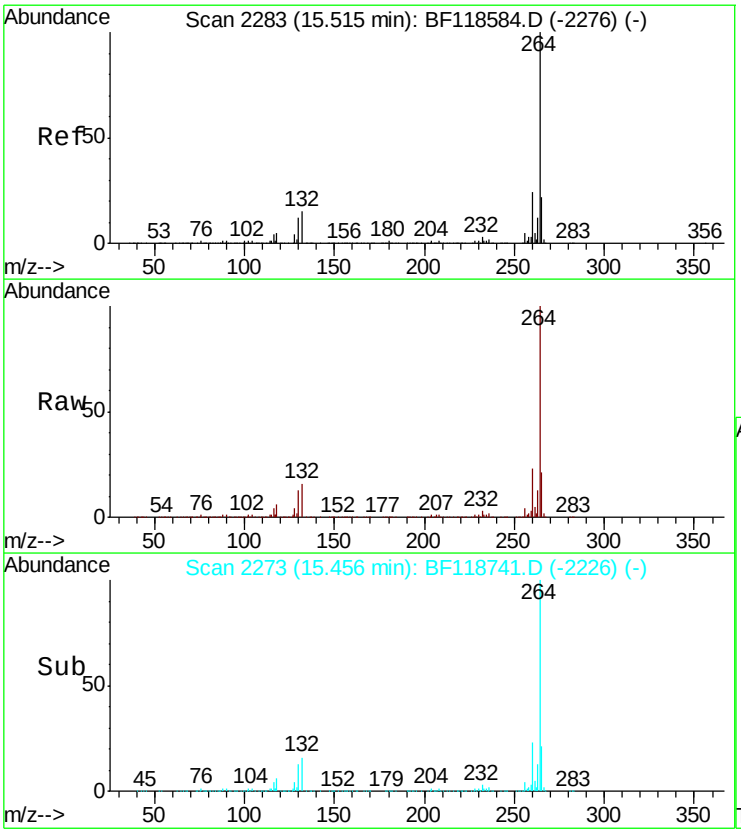
#79
Terphenyl-d14
Concen: 104.419 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3239287

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.2	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118741.D
Acq: 29 Jan 2020 19:44

Tgt Ion:264 Resp: 732091

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.4	17.0	25.6