Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 02:29:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	40332	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	162218	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	84891	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	132355	20.00	ng	0.00
76) Chrysene-d12	13.97	240	73112	20.00	ng	0.00
87) Perylene-d12	15.43	264	67765	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	210908	81.64	ng	0.00
7) Phenol-d6	6.46	99	295213	88.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	185040	59.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	59580	83.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	308362	56.80	ng	0.00
79) Terphenyl-d14	12.92	244	242625	62.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	5958	Below Cal	#	75
10) Phenol	6.46	94	10190	2.769	ng	# 68
19) n-Nitroso-di-n-propylamine	7.37	70	24073	11.841	ng	# 79
25) Isophorone	7.37	82	185039	33.850	ng	# 66
50) Dimethylphthalate	9.56	163	42143	7.011	ng	98
51) 2,6-Dinitrotoluene	9.85	165	10734	8.768	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	10734	6.755	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	3502	2.591	ng	# 1
75) Fluoranthene	12.55	202	21062	2.727	ng	95
78) Pyrene	12.78	202	18197	2.966	ng	99
88) Benzo(b)fluoranthene	15.01	252	9618	2.343	ng	95
89) Benzo(k)fluoranthene	15.01	252	9618	2.474	ng	95

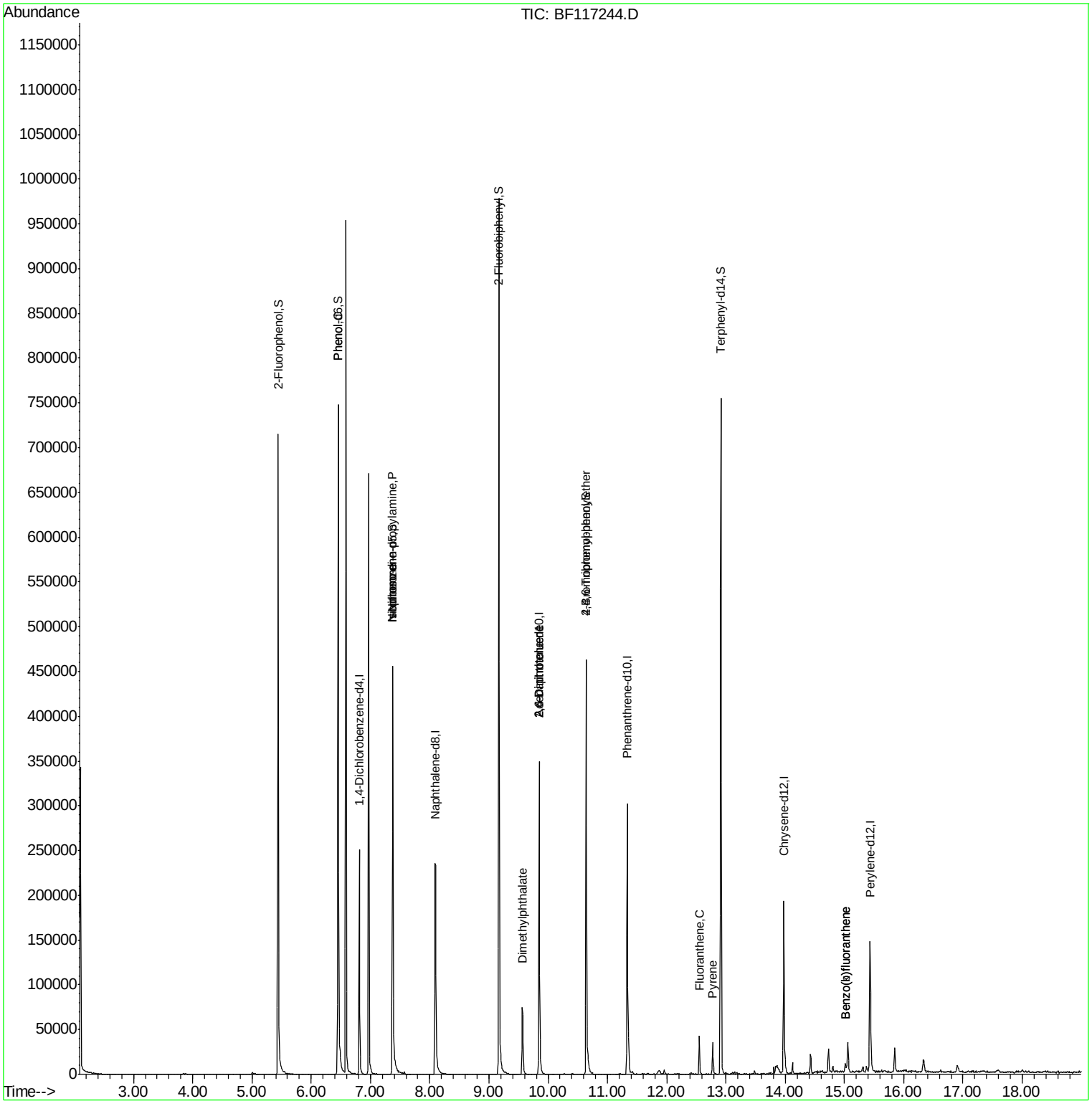
(#) = qualifier out of range (m) = manual integration (+) = signals summed

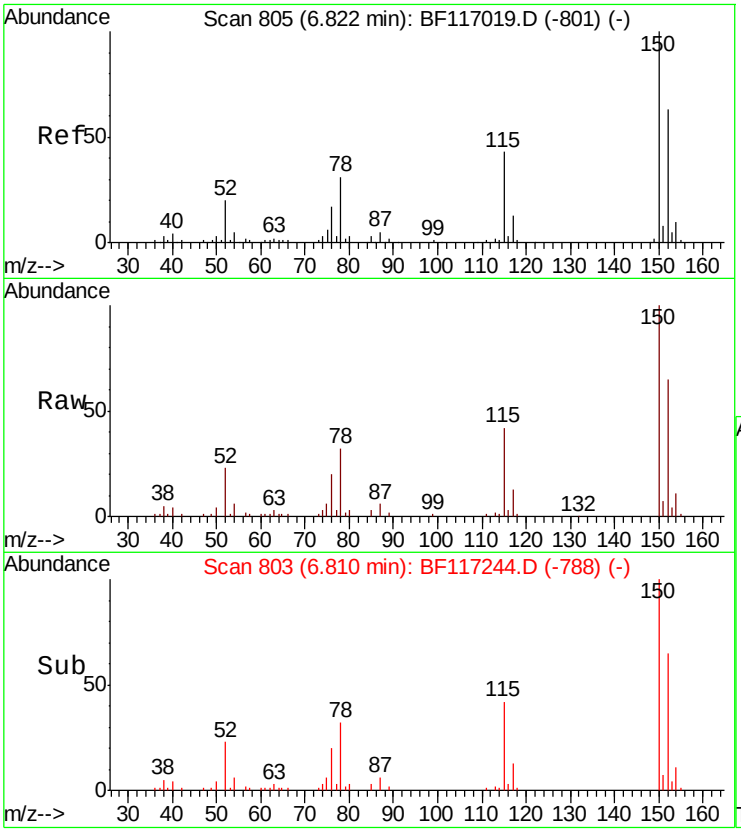
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117244.D
Acq On : 25 Sep 2019 17:04
Operator : JU
Sample : K5021-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 02:29:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



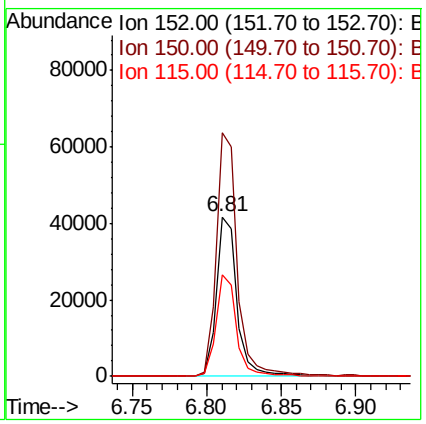


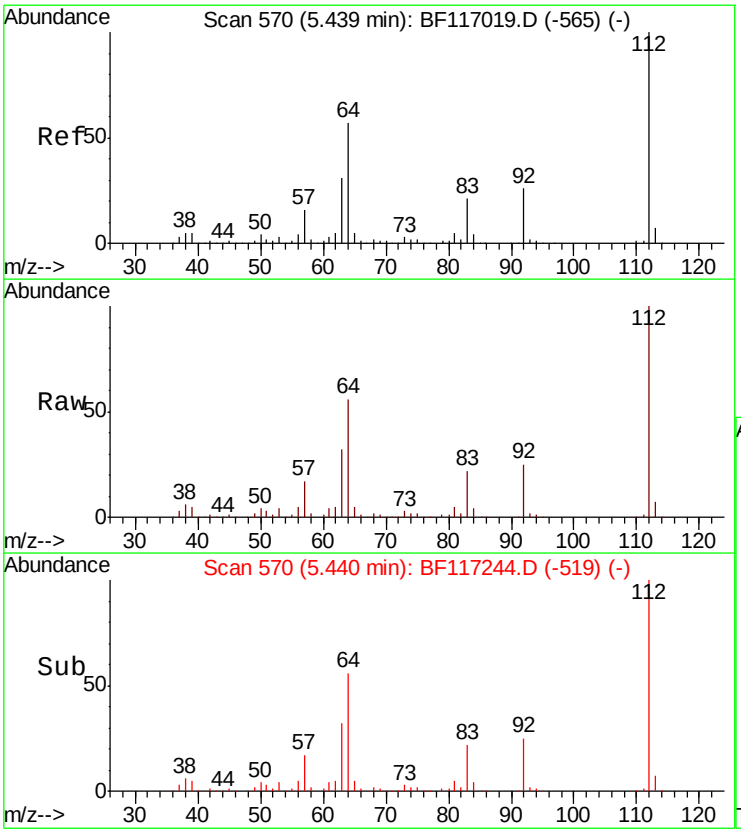
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40332

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.5	191.3
115	64.0	55.0	82.4

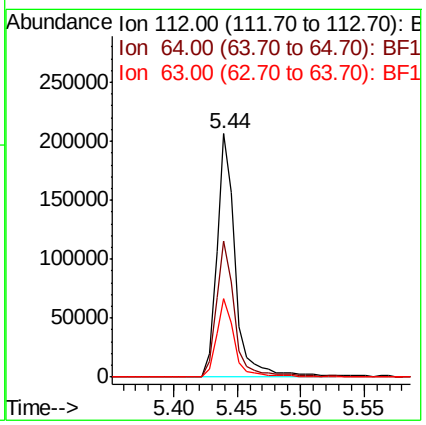


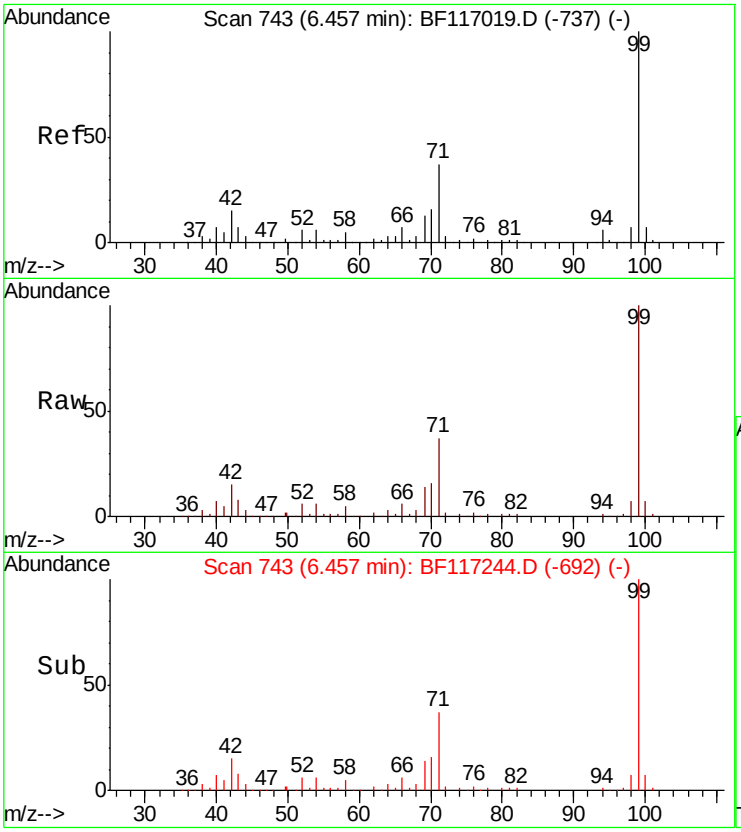


#5
2-Fluorophenol
Concen: 81.642 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:112 Resp: 210908

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	32.1	24.9	37.3



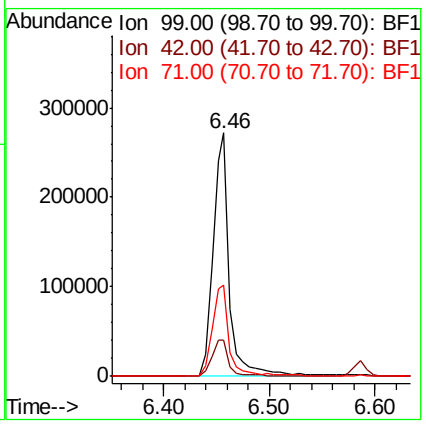


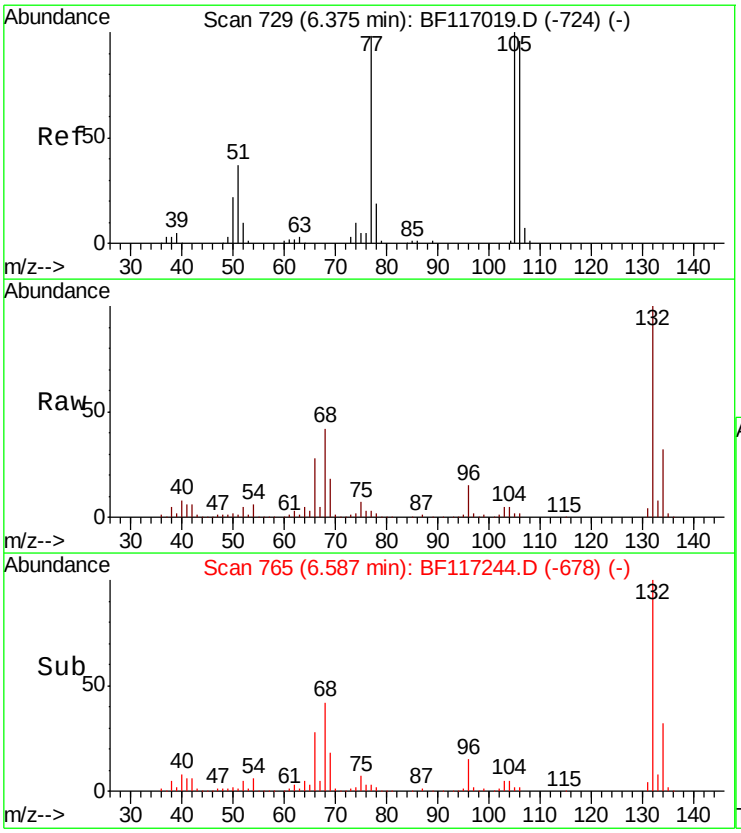
#7
Phenol-d6
Concen: 88.425 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 295213

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	37.3	29.8	44.8

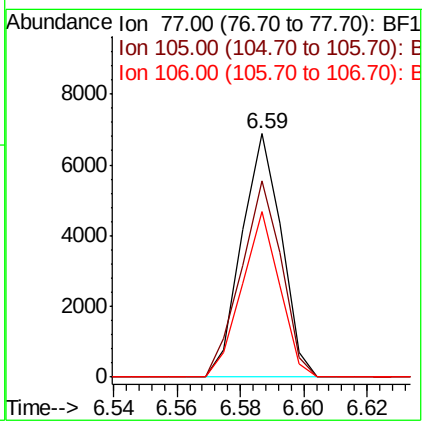


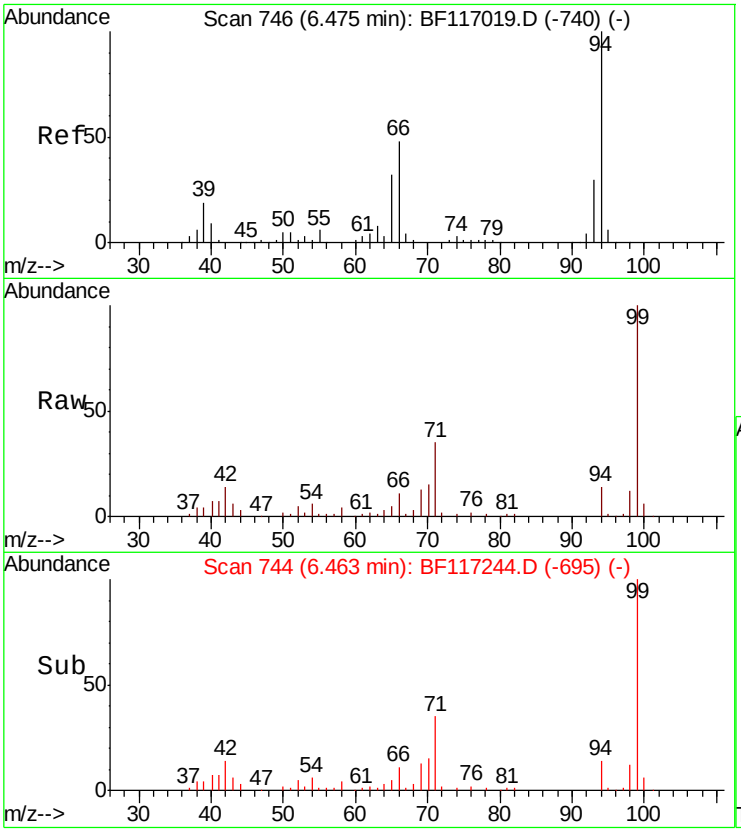


#9
Benzaldehyde
Concen: Below Cal
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion: 77 Resp: 5958

Ion	Ratio	Lower	Upper
77	100		
105	80.4	81.8	121.8#
106	67.9	77.3	117.3#



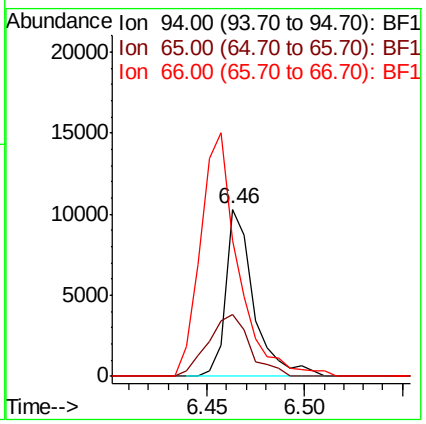


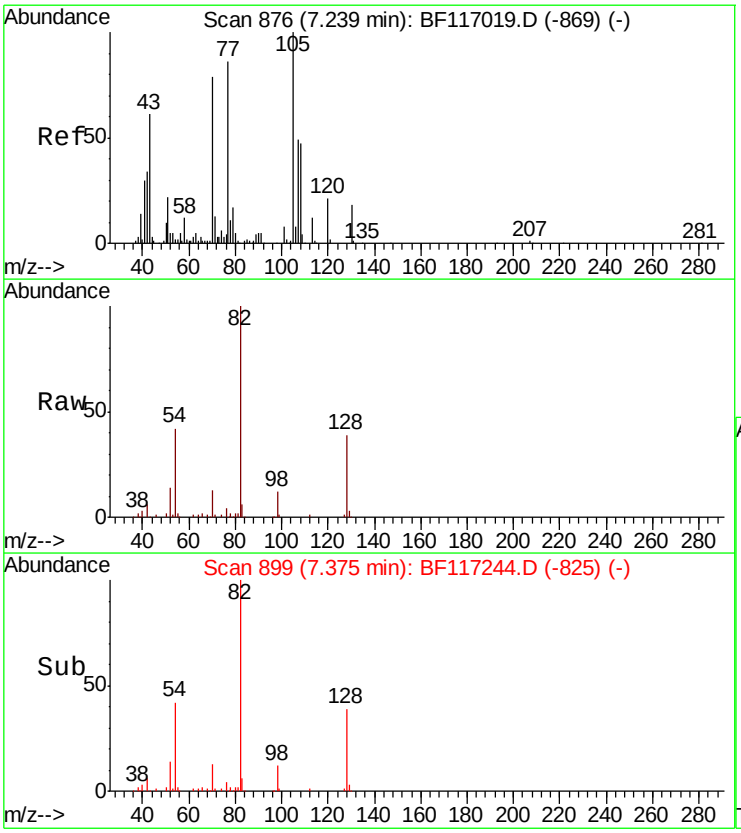
#10
Phenol
Concen: 2.769 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 10190

Ion	Ratio	Lower	Upper
94	100		
65	36.9	12.5	52.5
66	81.1	28.9	68.9#

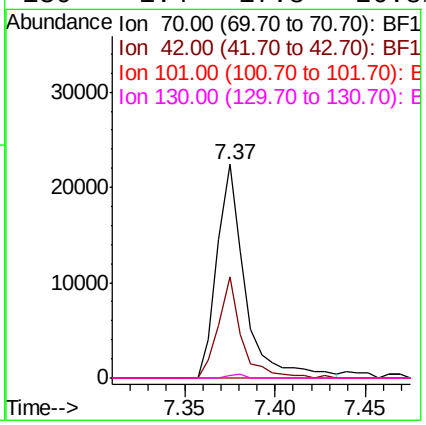


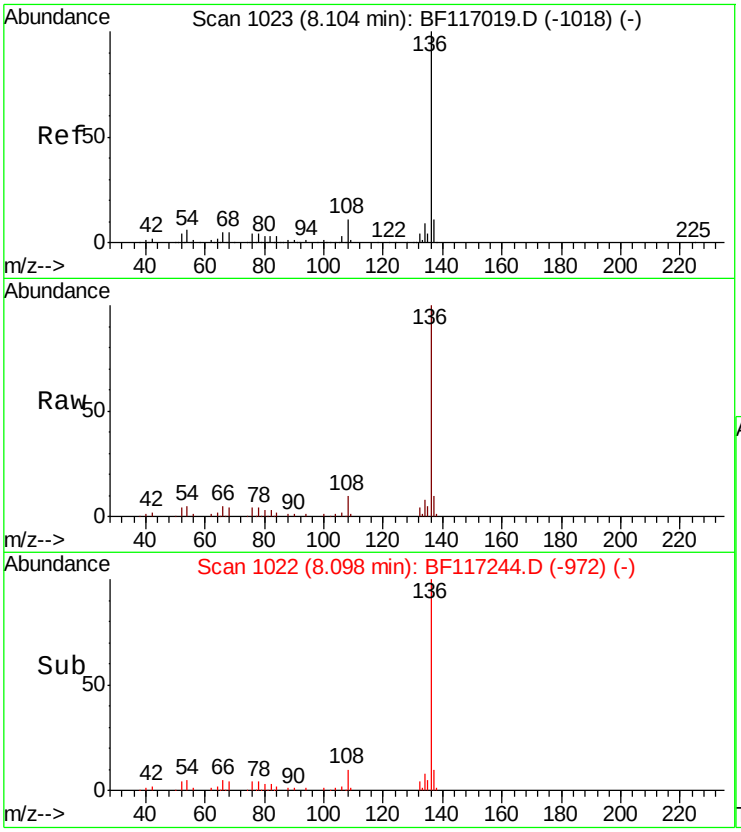


#19
n-Nitroso-di-n-propylamine
Concen: 11.841 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion: 70 Resp: 24073

Ion	Ratio	Lower	Upper
70	100		
42	47.1	34.0	51.0
101	0.0	7.8	11.6#
130	1.4	17.8	26.8#



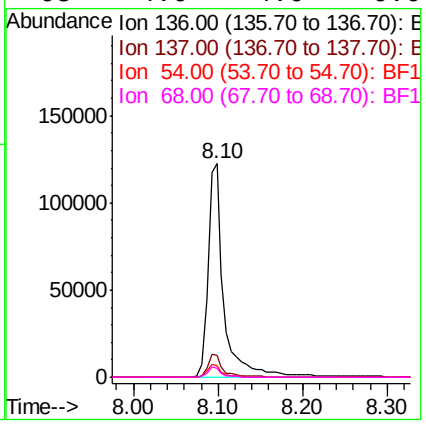


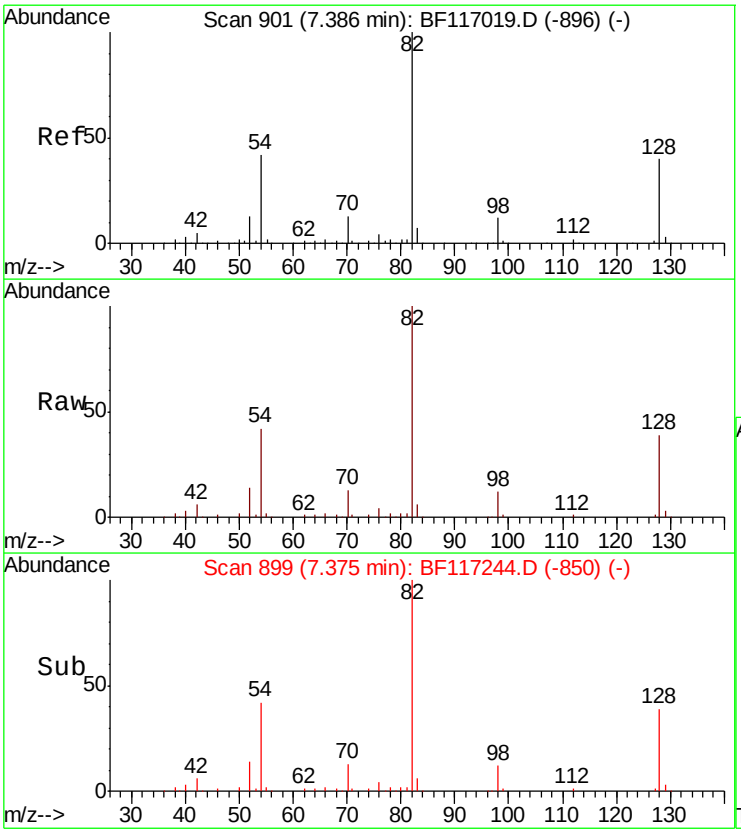
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 162218

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.3	4.5	6.7
68	4.0	4.0	6.0

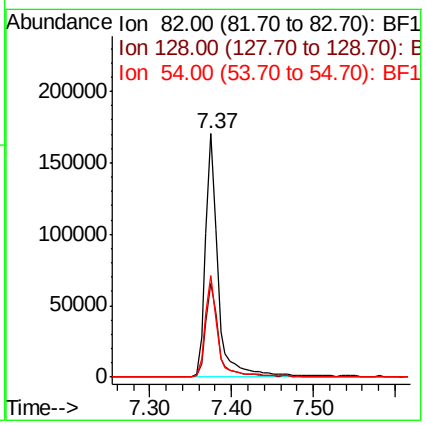


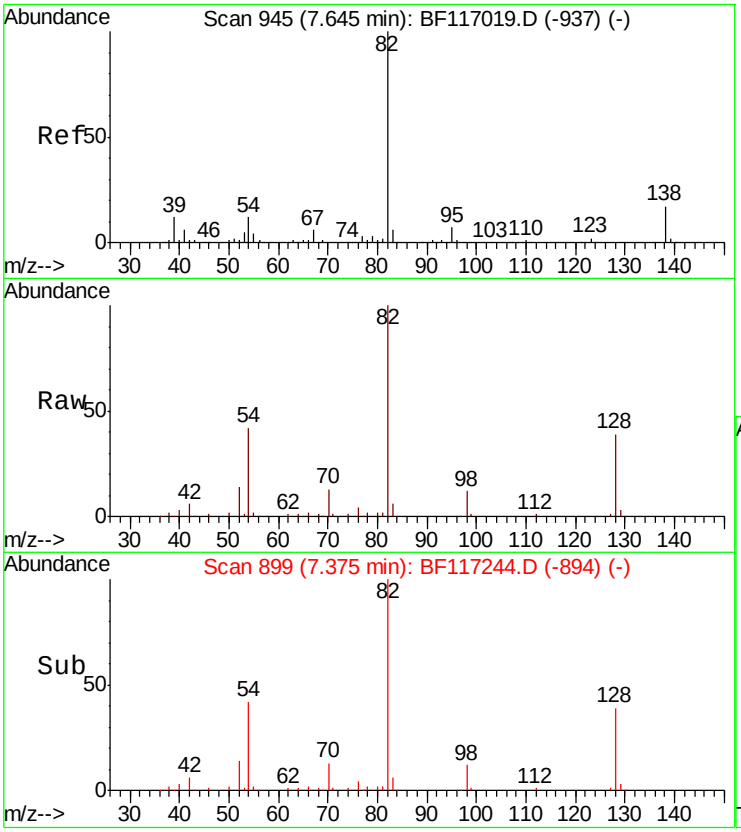


#23
Nitrobenzene-d5
Concen: 59.934 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion: 82 Resp: 185040

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.3	48.5
54	41.6	33.3	49.9



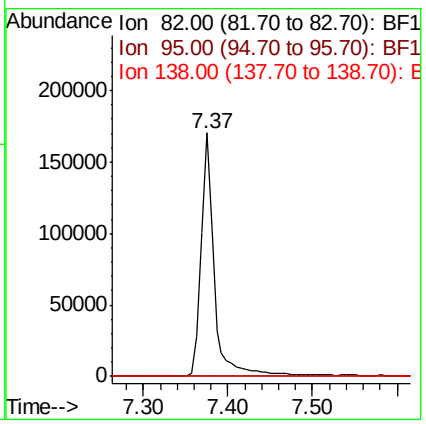


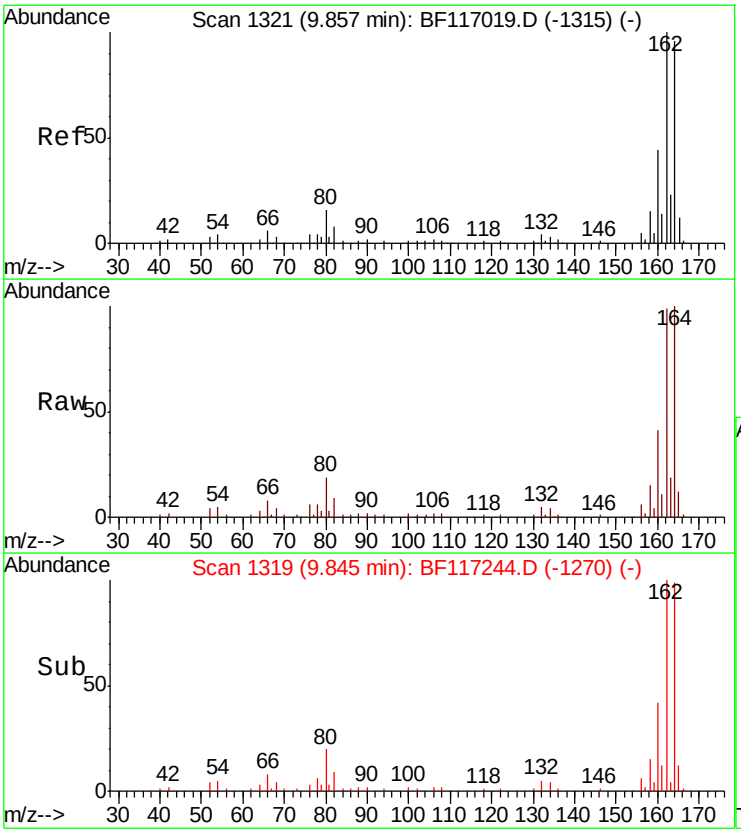
#25
Isophorone
Concen: 33.850 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.27 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 185039

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

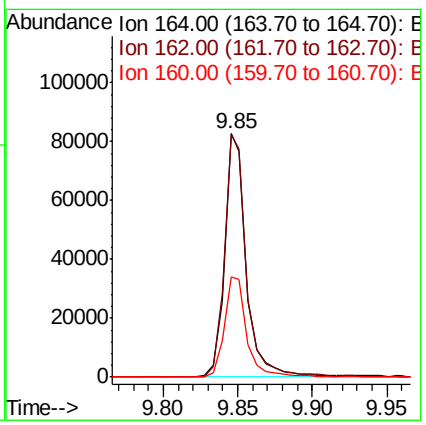


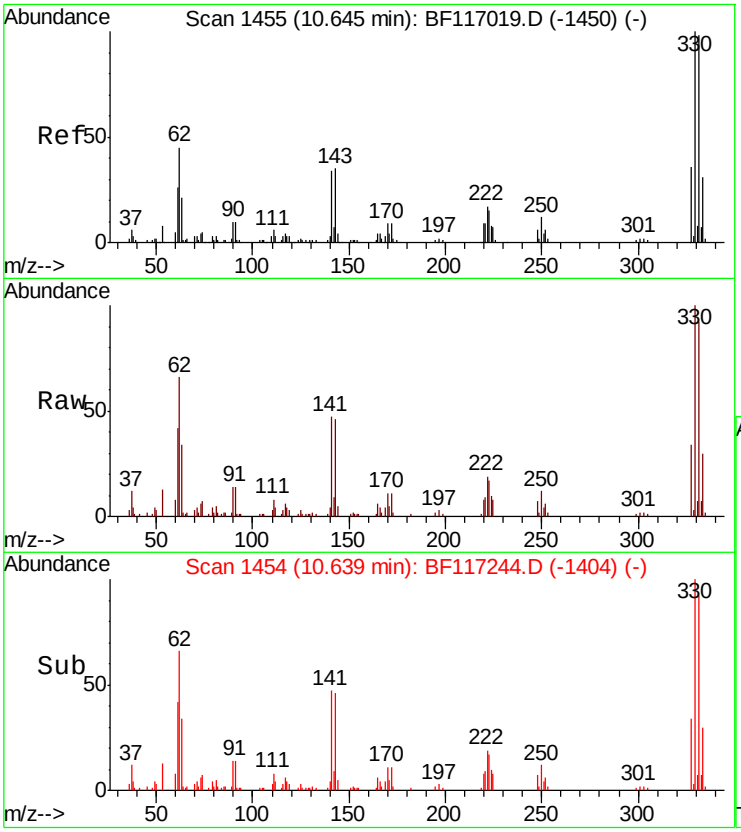


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:164 Resp: 84891

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.4	125.2
160	41.4	36.4	54.6



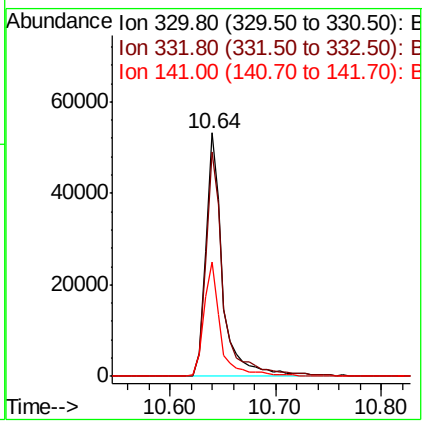


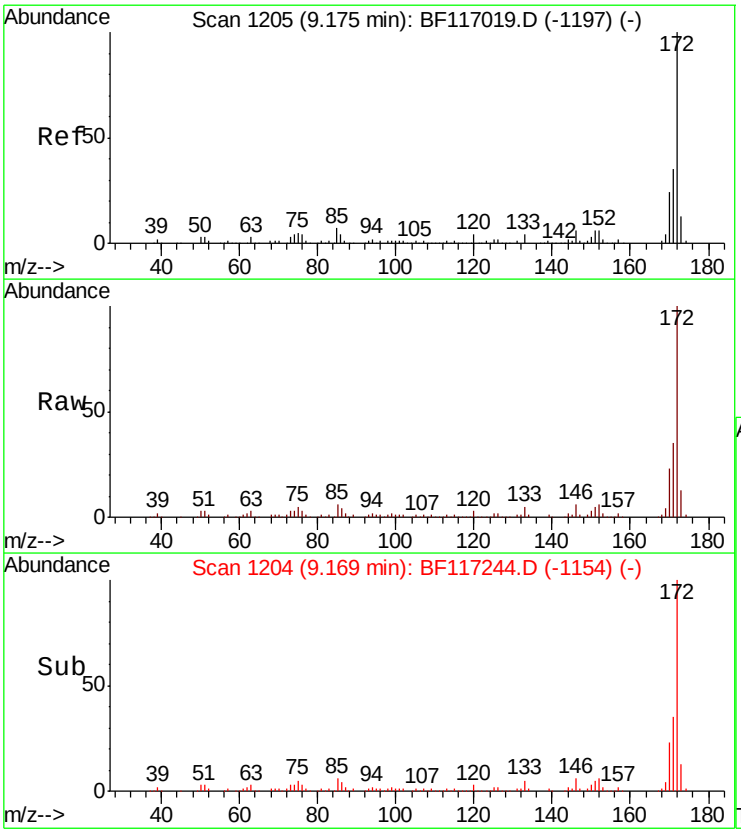
#42
2,4,6-Tribromophenol
Concen: 83.975 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 59580

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	45.4	35.8	53.6

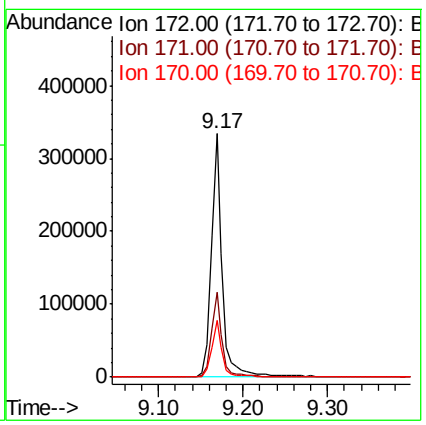


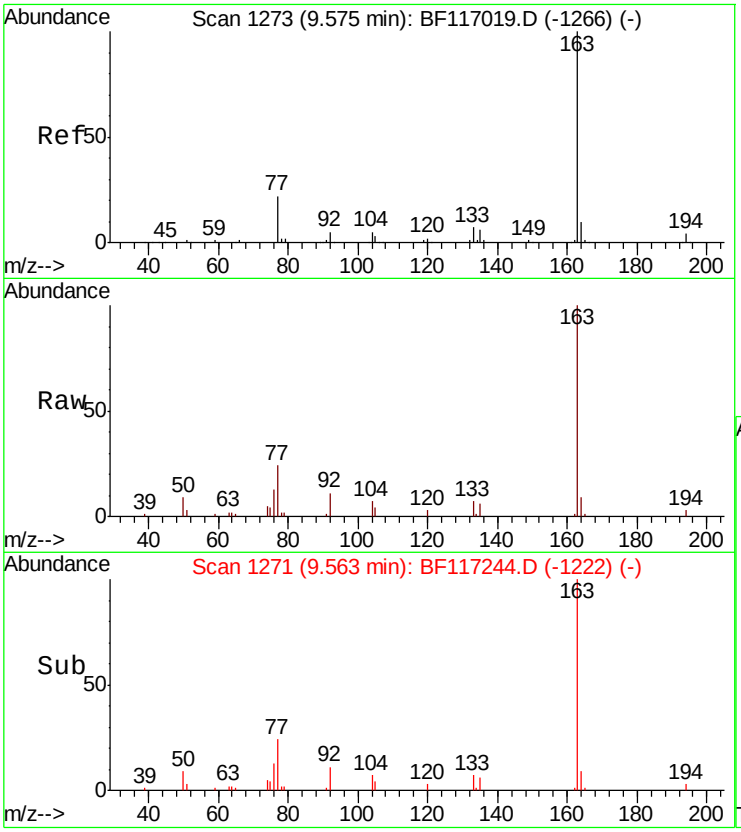


#45
2-Fluorobiphenyl
Concen: 56.796 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:172 Resp: 308362

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.2	18.9	28.3



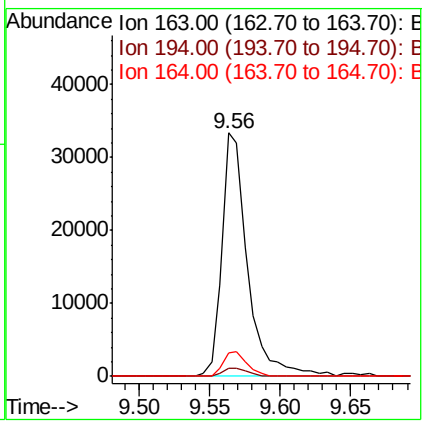


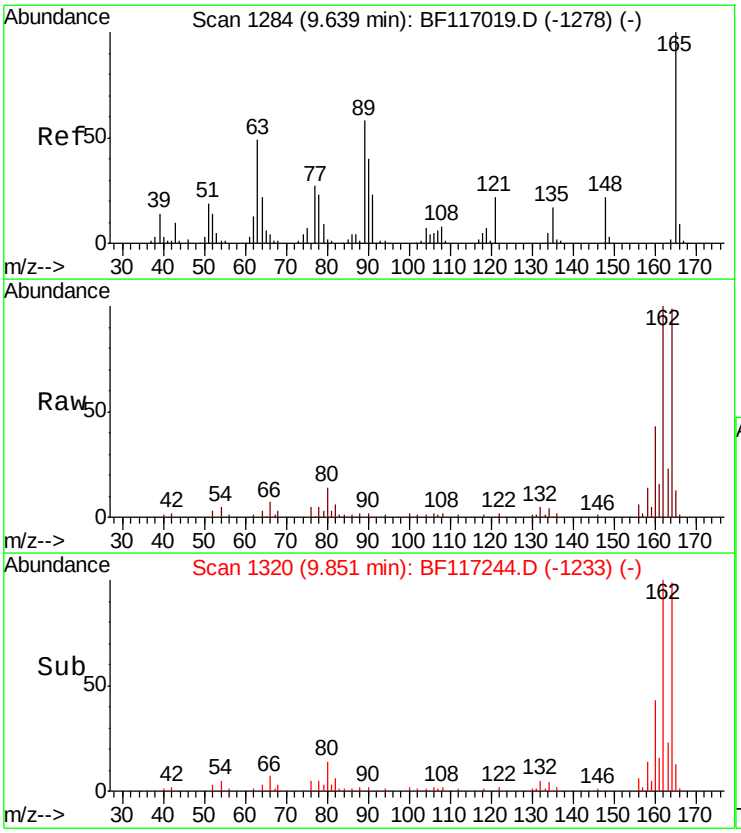
#50
Dimethylphthalate
Concen: 7.011 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 42143

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	9.4	8.2	12.4

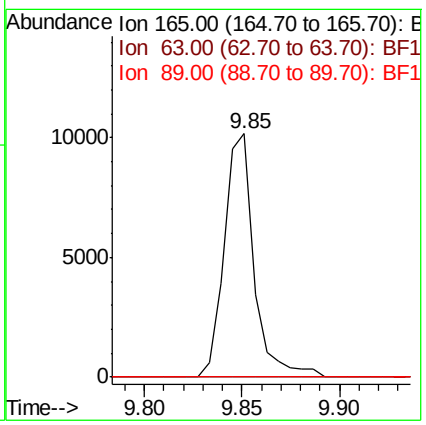


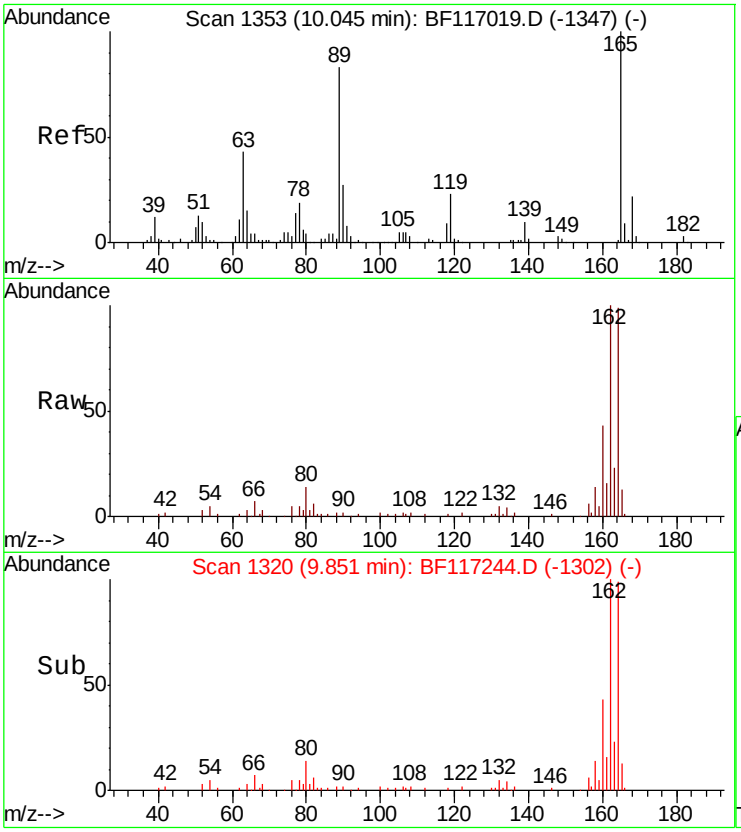


#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:165 Resp: 10734

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



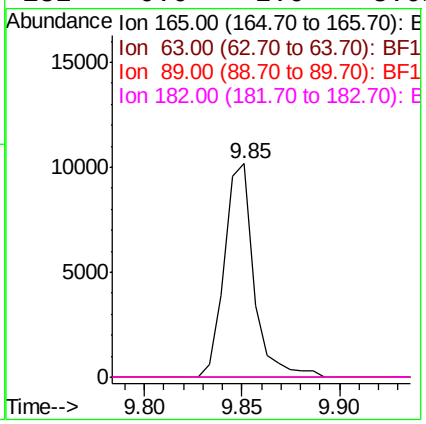


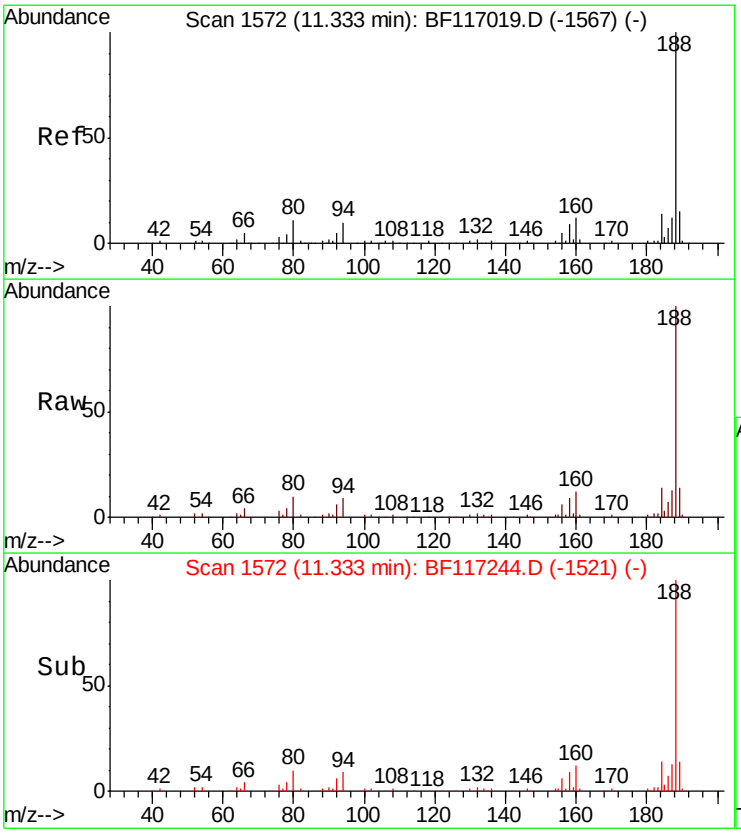
#57
2,4-Dinitrotoluene
Concen: 6.755 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10734

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

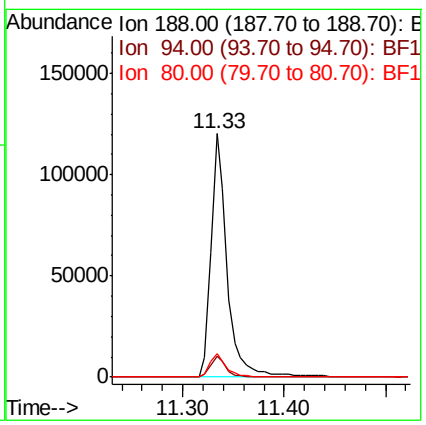


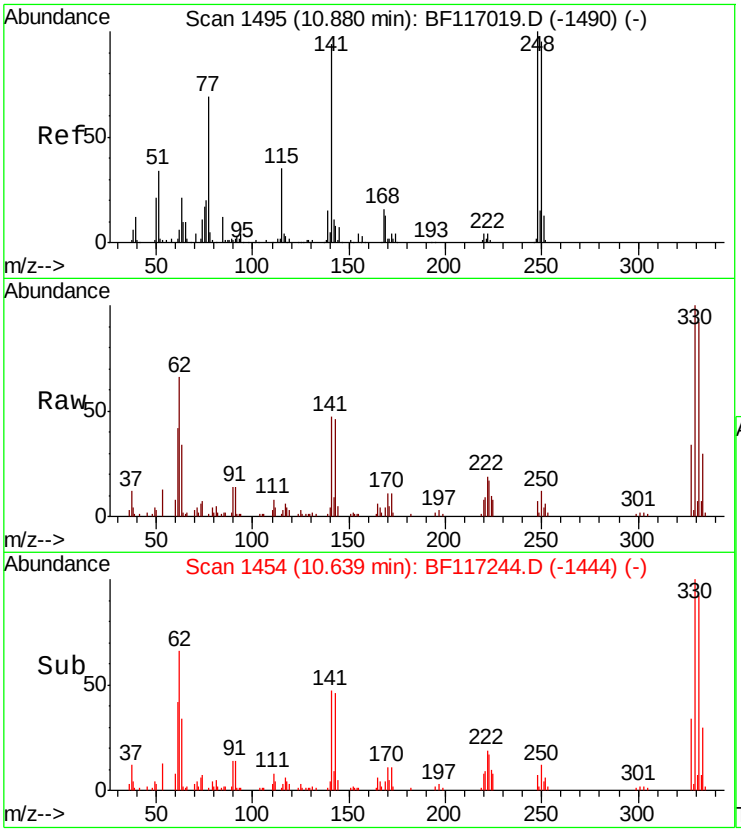


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:188 Resp: 132355

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.7	9.0	13.6



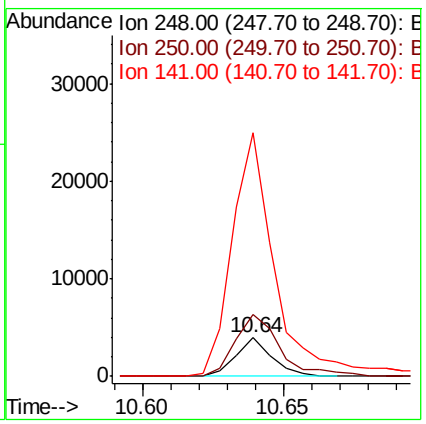


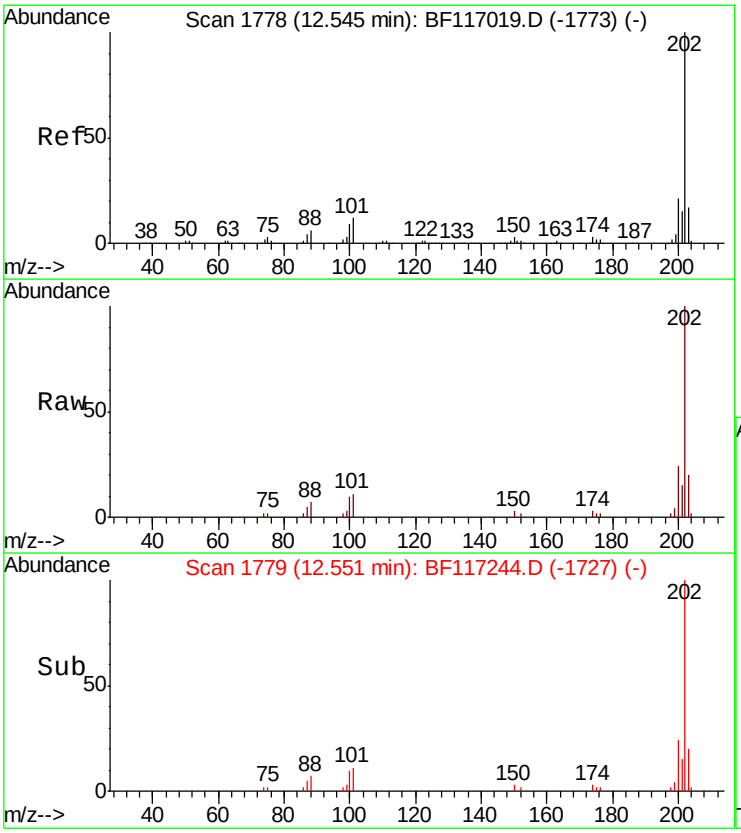
#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3502

Ion	Ratio	Lower	Upper
248	100		
250	160.7	76.2	114.4#
141	635.4	75.0	112.4#

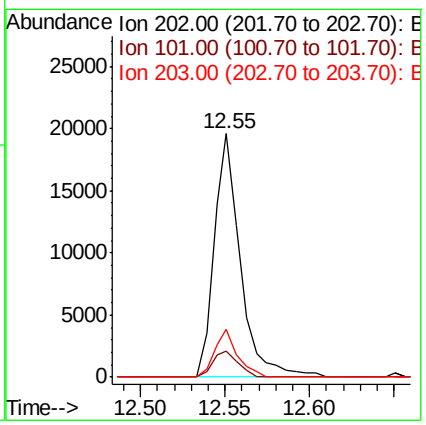


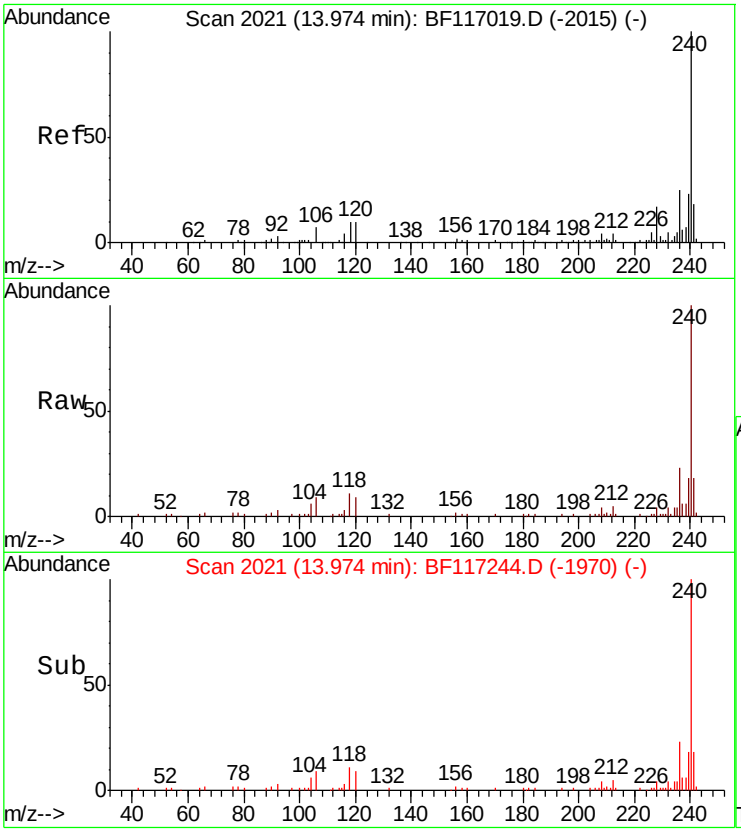


#75
Fluoranthene
Concen: 2.727 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:202 Resp: 21062

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.3
203	19.6	0.0	37.1



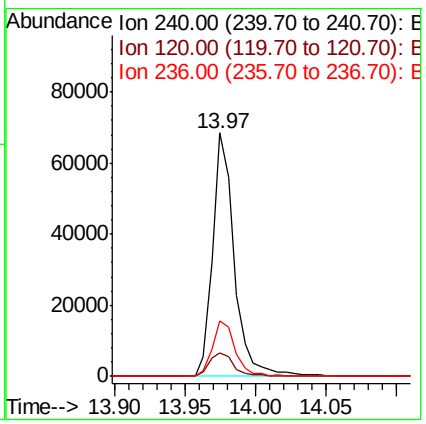


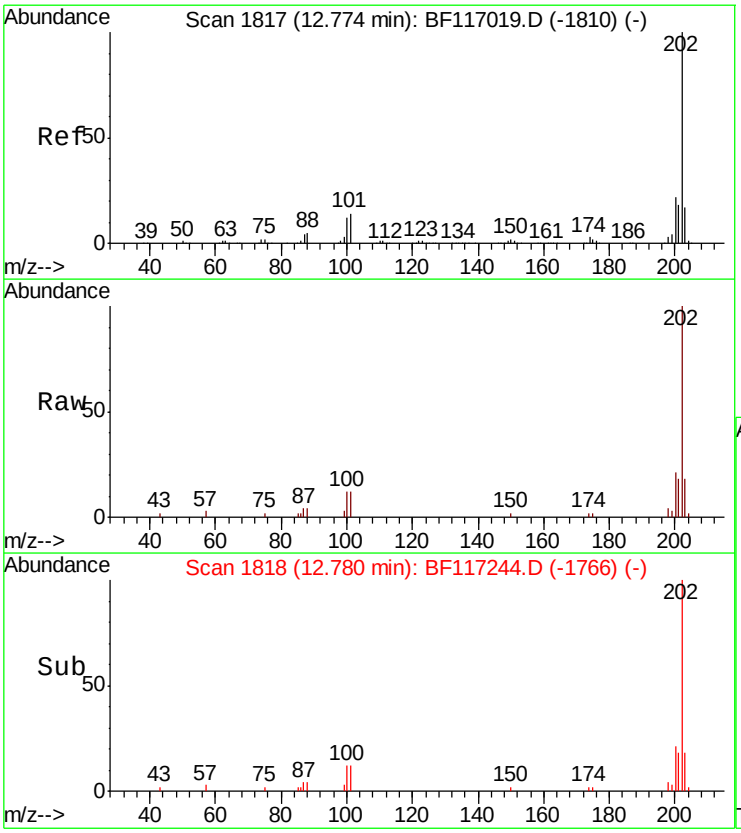
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 73112

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	22.8	20.3	30.5

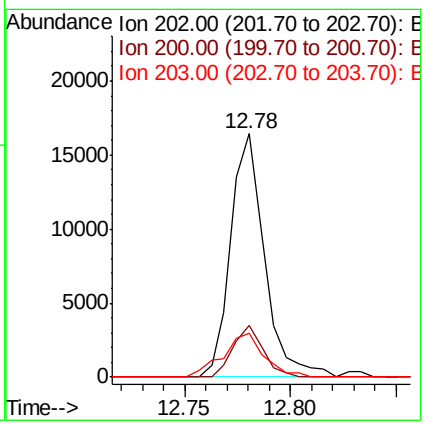


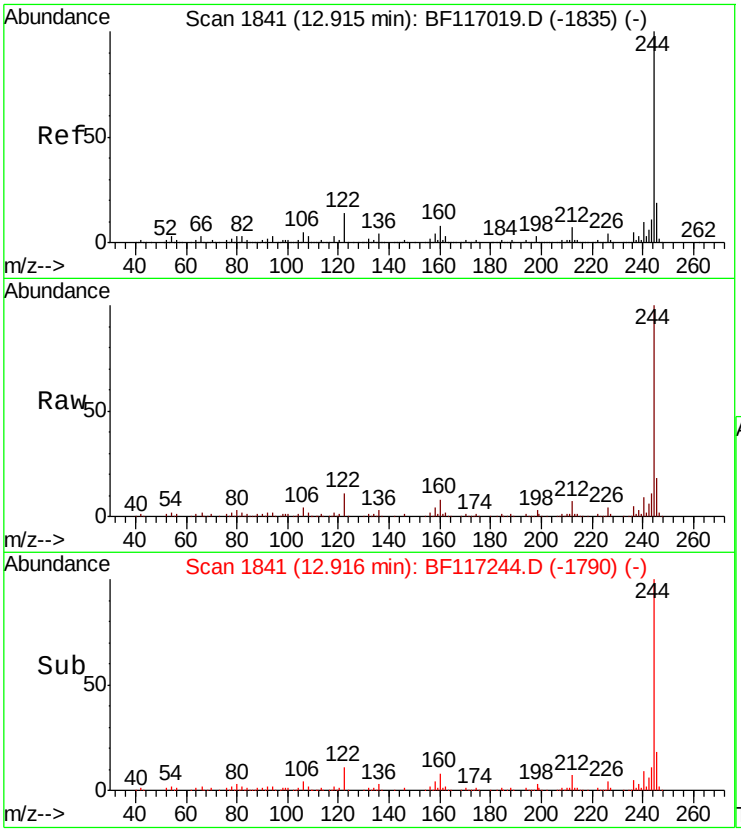


#78
Pyrene
Concen: 2.966 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:202 Resp: 18197

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	18.3	14.0	21.0



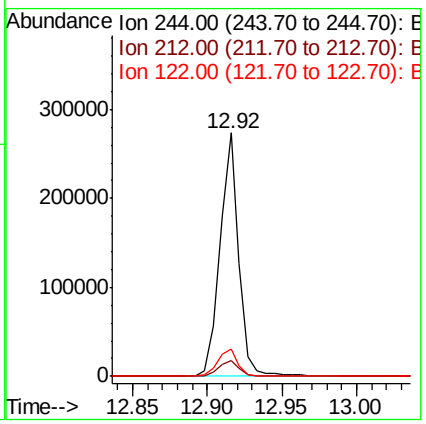


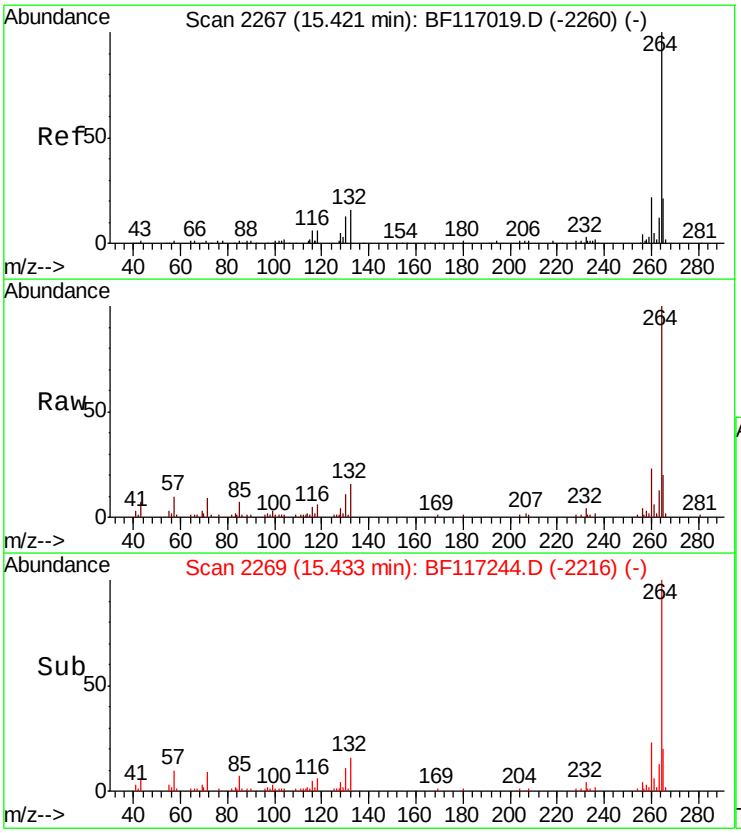
#79
Terphenyl-d14
Concen: 62.031 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 242625

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.2	11.3	16.9#

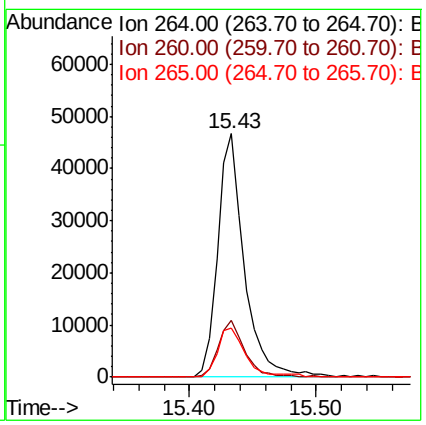


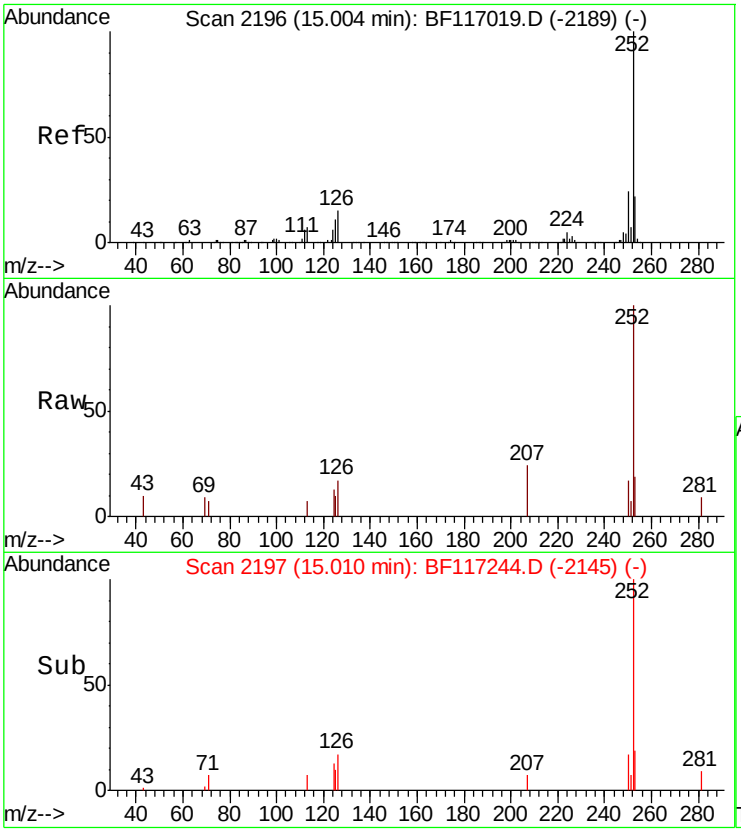


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:264 Resp: 67765

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	20.2	16.6	24.8



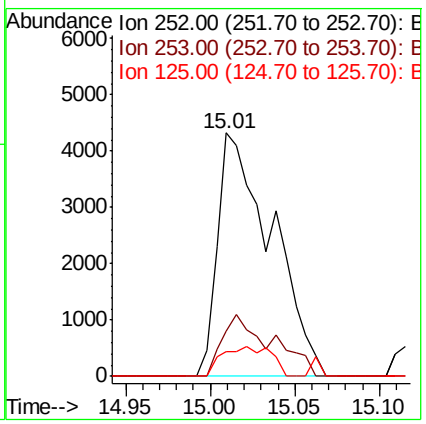


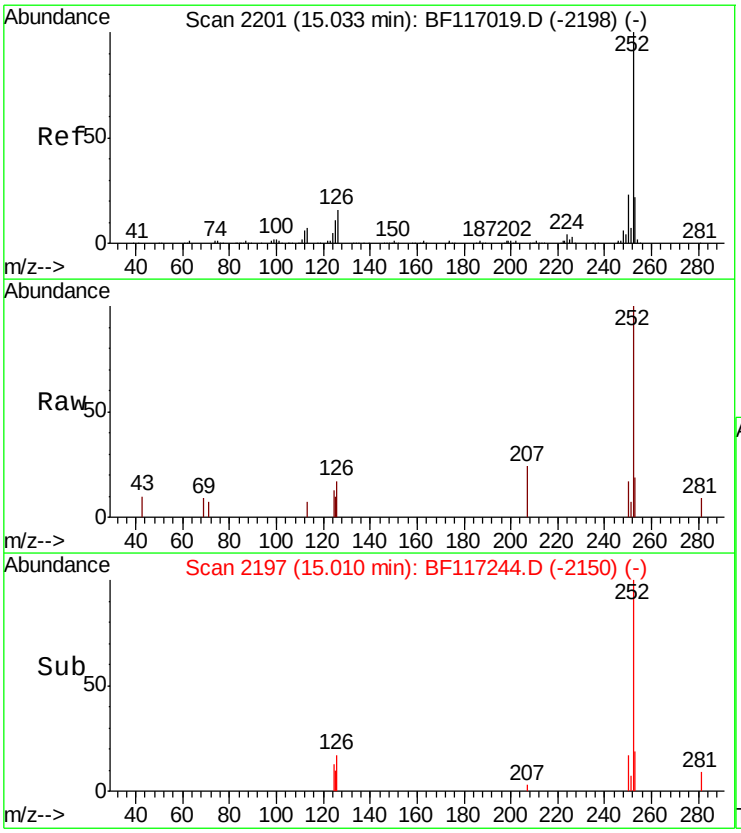
#88
Benzo(b)fluoranthene
Concen: 2.343 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 9618

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.6	26.4
125	10.1	8.6	12.8





#89
Benzo(k)fluoranthene
Concen: 2.474 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117244.D
Acq: 25 Sep 2019 17:04

Tgt Ion:252 Resp: 9618

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.4	26.2
125	10.1	8.8	13.2