Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118316.D
Acq On : 26 Dec 2019 15:07
Operator : JU
Sample : K64438-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 03:23:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106551	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	424015	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	231386	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	445035	20.00	ng		0.00
76) Chrysene-d12	14.04	240	311731	20.00	ng		-0.01
87) Perylene-d12	15.53	264	322917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	664174	106.40	ng		0.00
7) Phenol-d6	6.48	99	829709	107.15	ng		0.00
23) Nitrobenzene-d5	7.41	82	495838	66.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	294538	103.08	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1040940	68.67	ng		0.00
79) Terphenyl-d14	12.98	244	1360642	72.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	28503	3.275	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	65436	13.718	ng	#	76
25) Isophorone	7.41	82	495834	38.377	ng	#	62
50) Dimethylphthalate	9.61	163	151299	8.711	ng		98
57) 2,4-Dinitrotoluene	9.90	165	29115	5.819	ng	#	30
67) 4-Bromophenyl-phenylether	10.69	248	18216	3.498	ng	#	1
77) Benzidine	12.98	184	18220	2.133	ng	#	93

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

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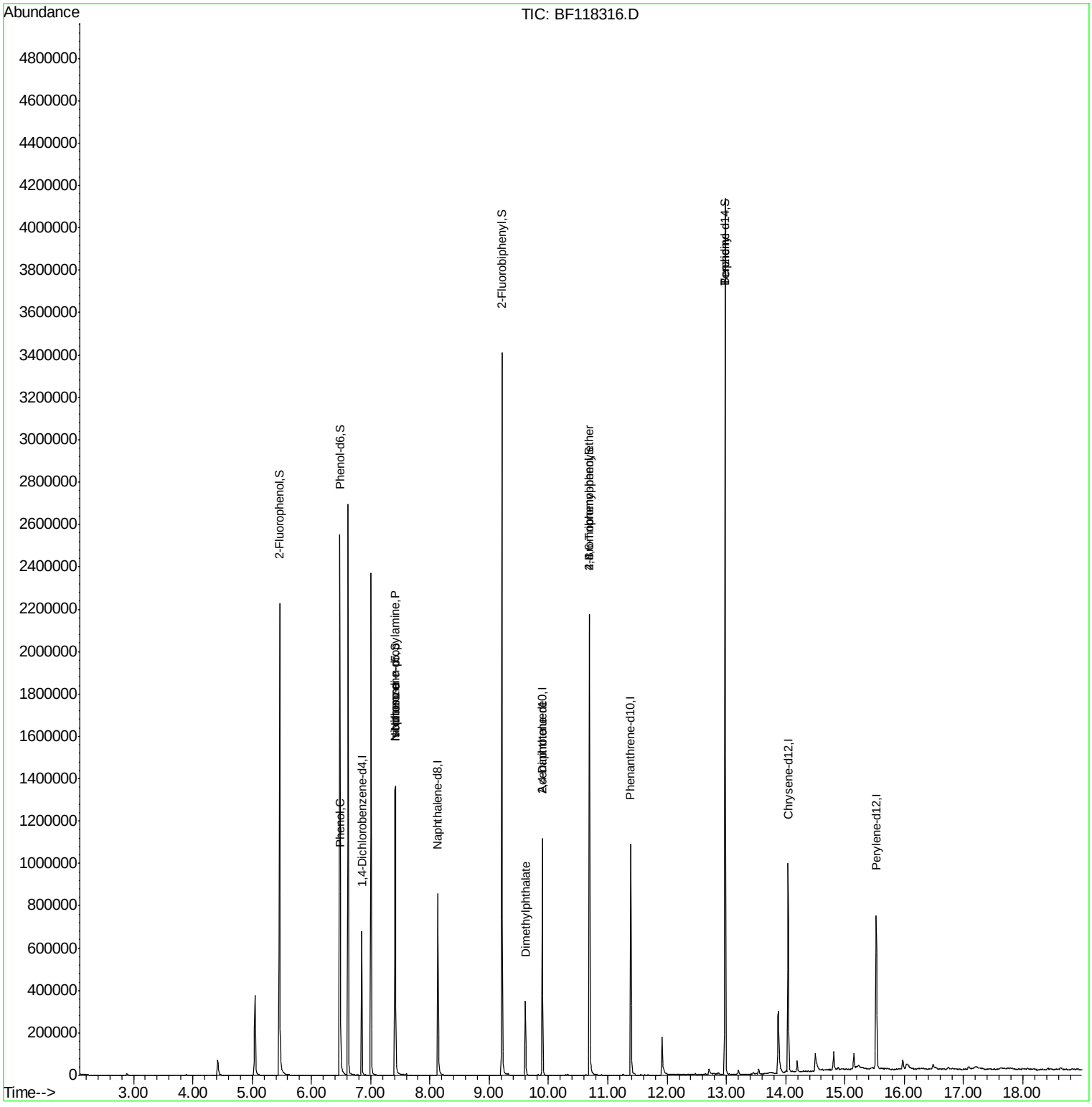
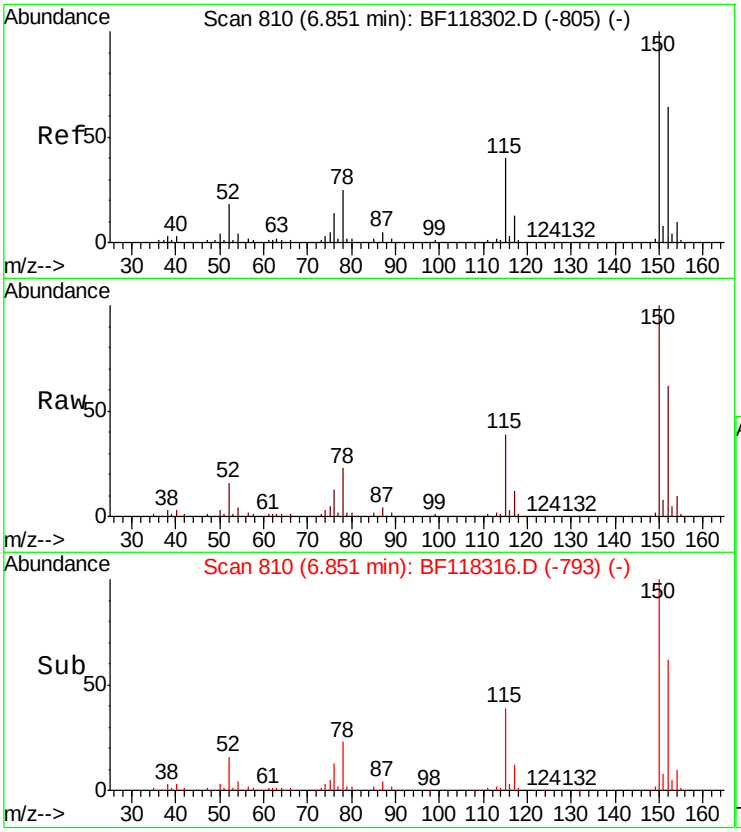
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



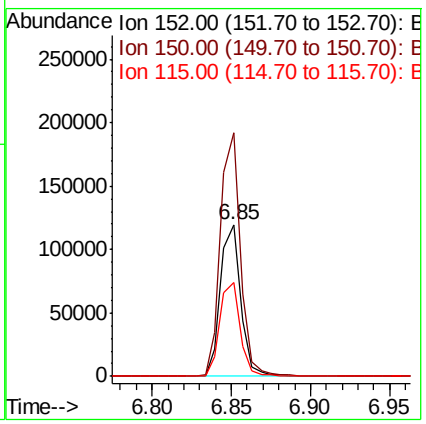


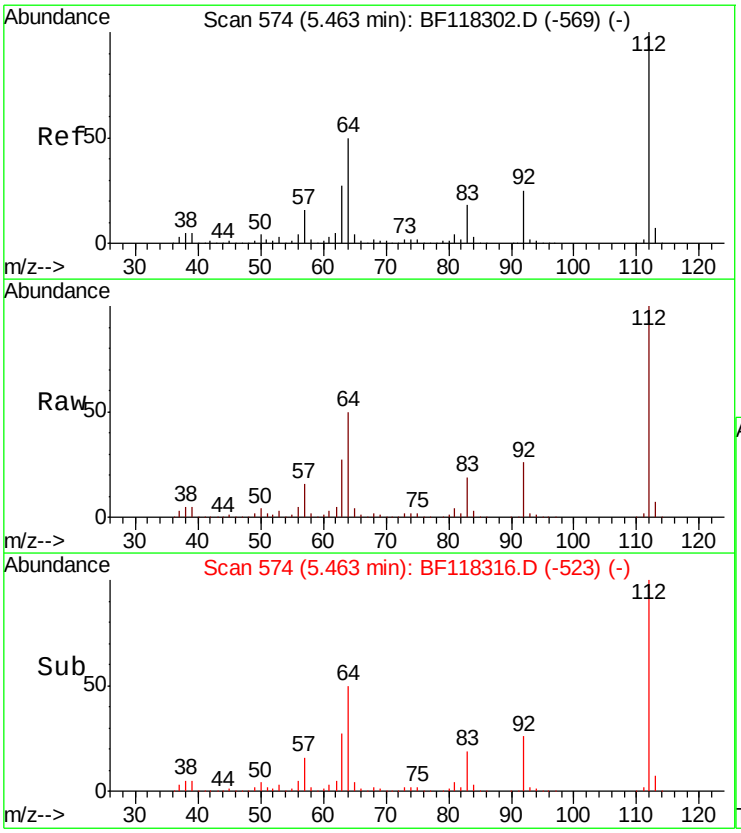
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106551

Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.4	188.2
115	62.1	50.2	75.4

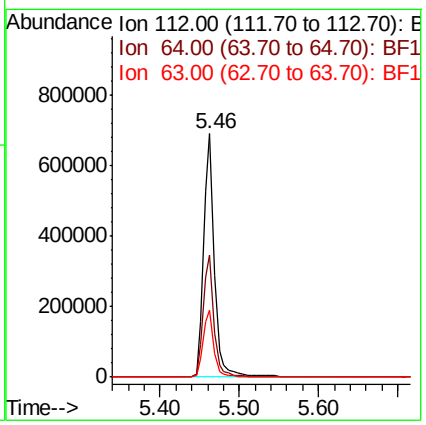


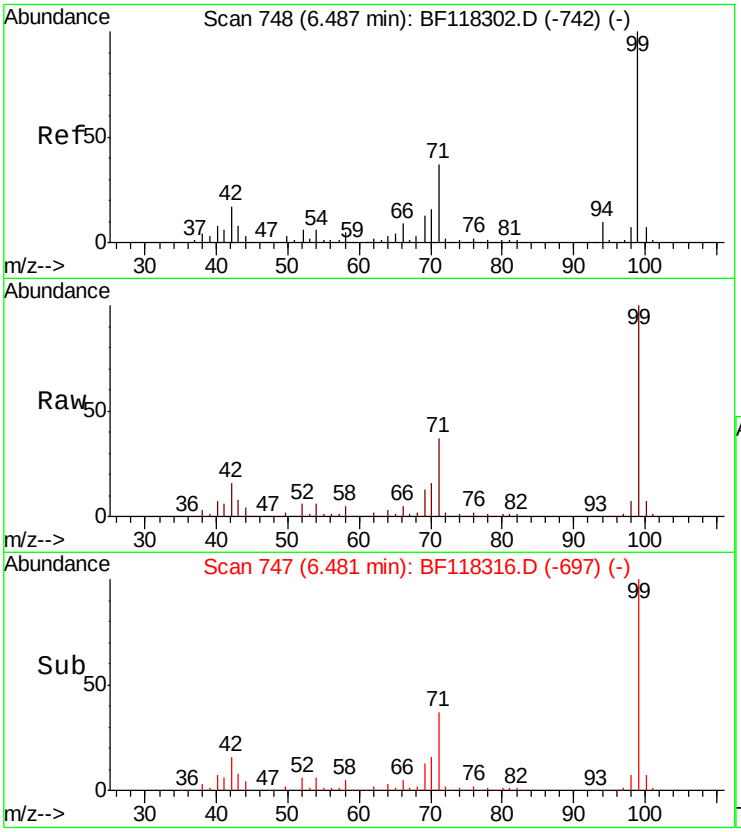


#5
2-Fluorophenol
Concen: 106.403 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:112 Resp: 664174

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.7	59.5
63	27.4	21.7	32.5



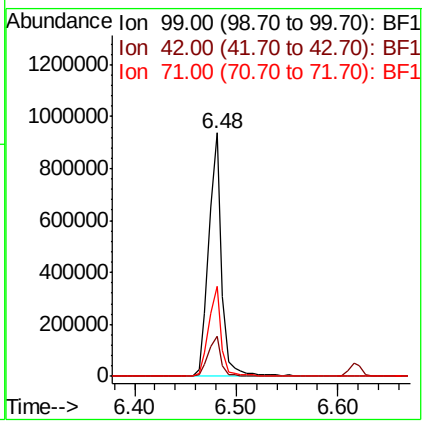


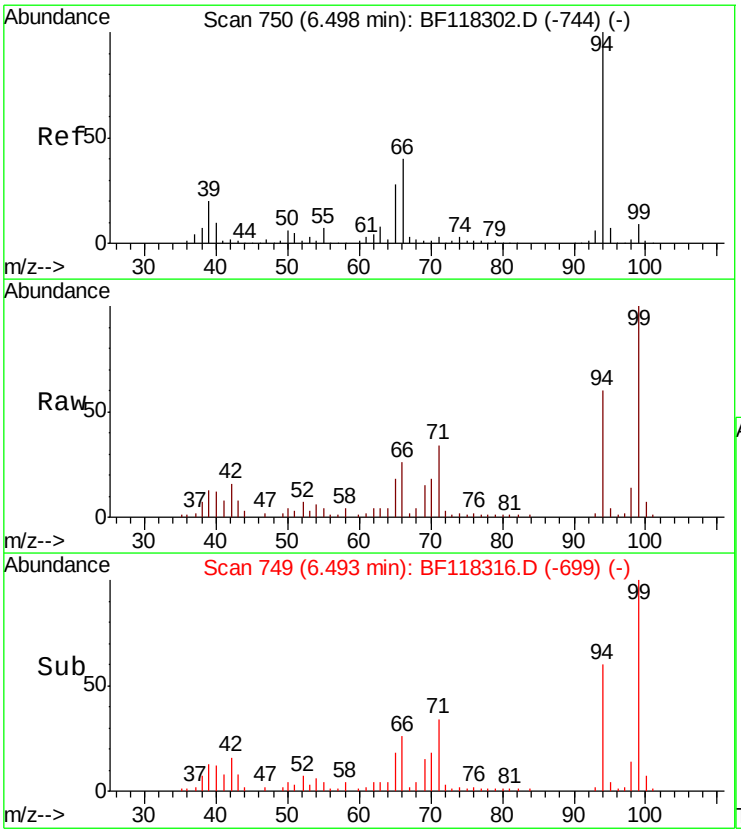
#7
Phenol-d6
Concen: 107.150 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 829709

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	36.8	29.4	44.2

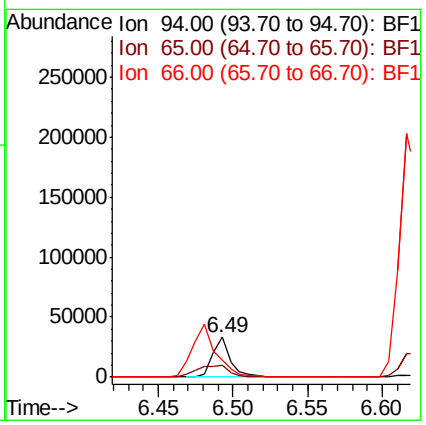


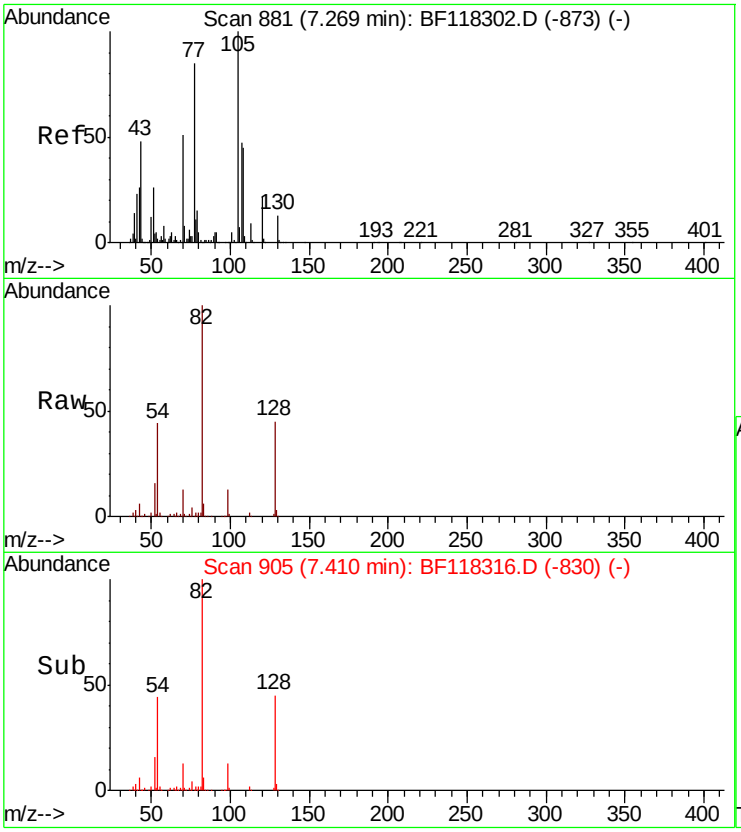


#10
Phenol
Concen: 3.275 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion: 94 Resp: 28503

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.8	47.8
66	43.4	20.4	60.4



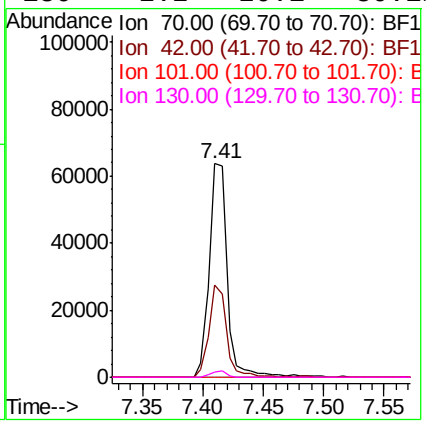


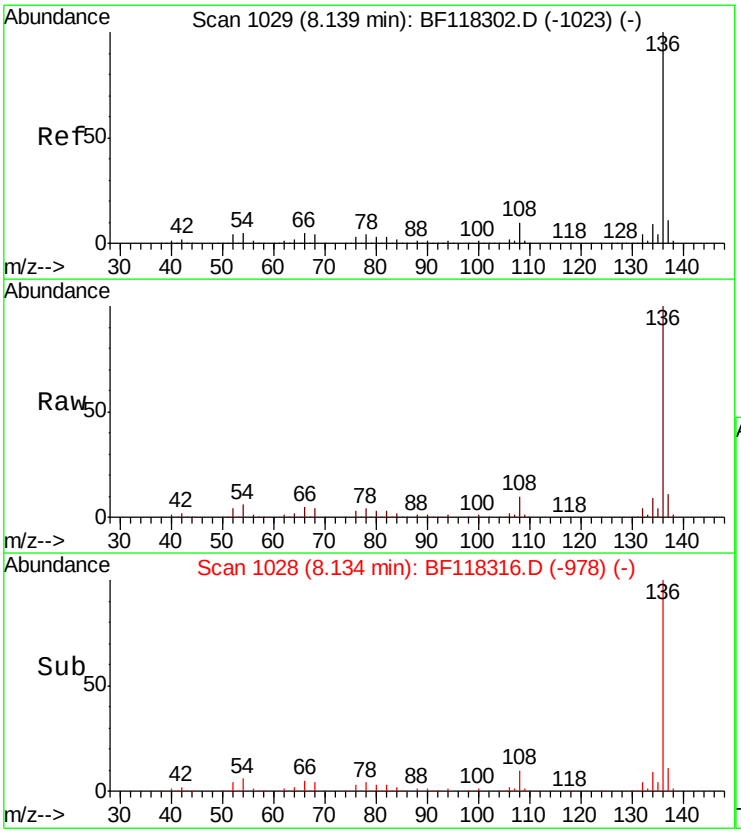
#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 65436

Ion	Ratio	Lower	Upper
70	100		
42	43.1	41.1	61.7
101	0.0	8.3	12.5#
130	2.2	20.1	30.1#

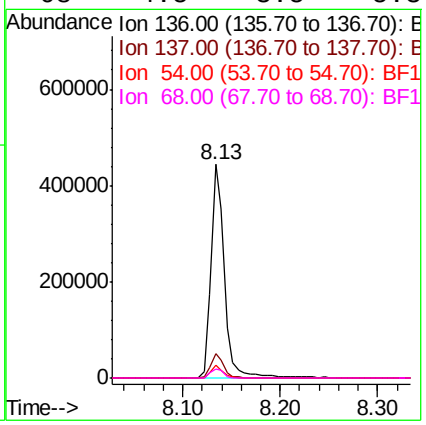


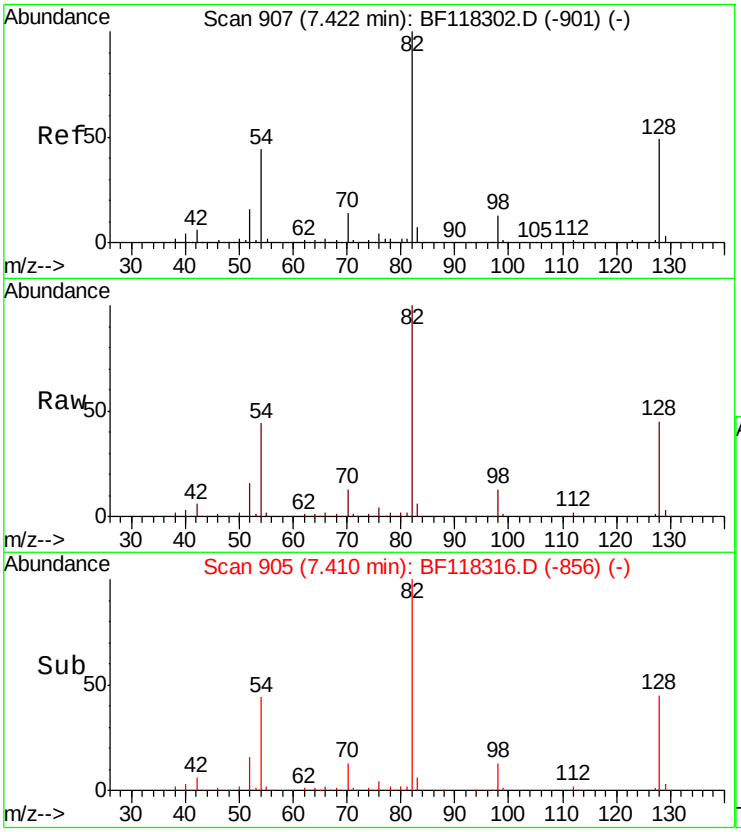


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:136 Resp: 424015

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.9	4.2	6.4
68	4.5	3.5	5.3



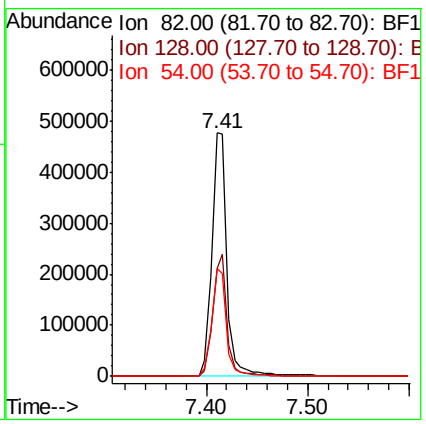


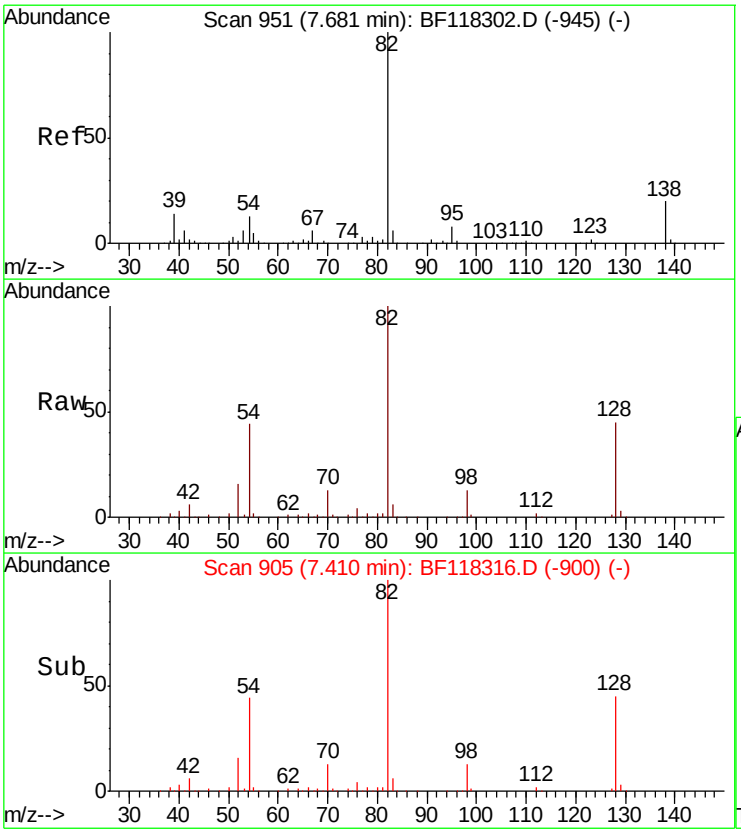
#23
Nitrobenzene-d5
Concen: 66.883 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 495838

Ion	Ratio	Lower	Upper
82	100		
128	44.6	39.6	59.4
54	44.5	34.9	52.3

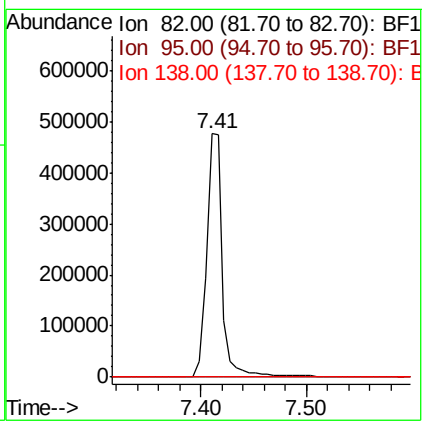


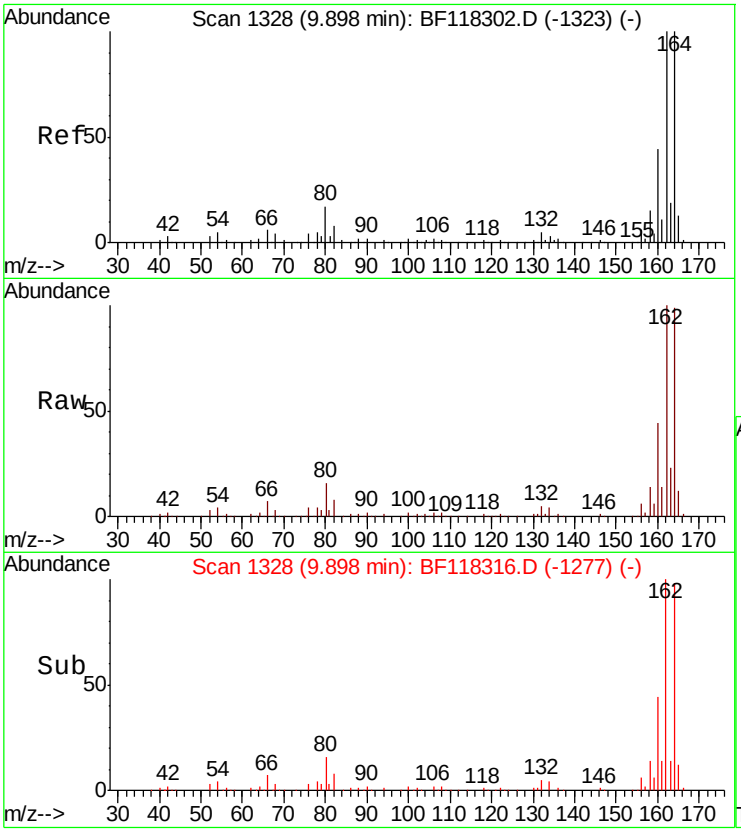


#25
Isophorone
Concen: 38.377 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion: 82 Resp: 495834

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



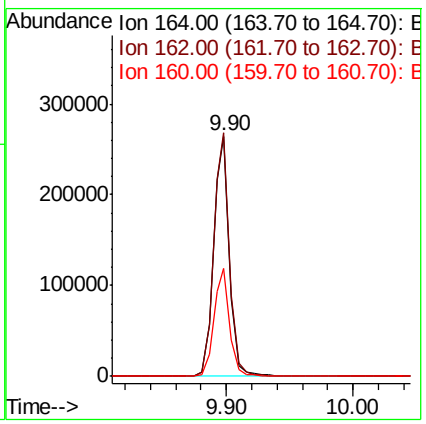


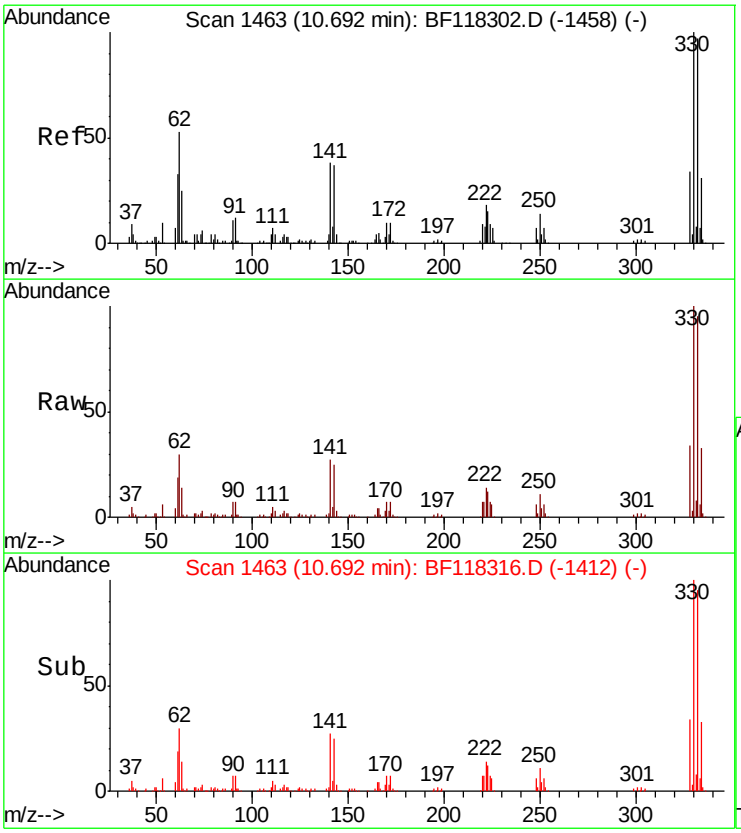
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 231386

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.0	120.0
160	44.7	34.8	52.2

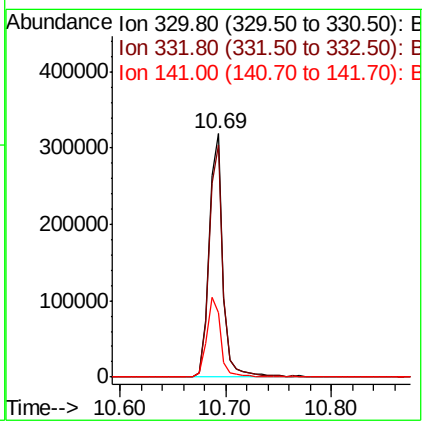


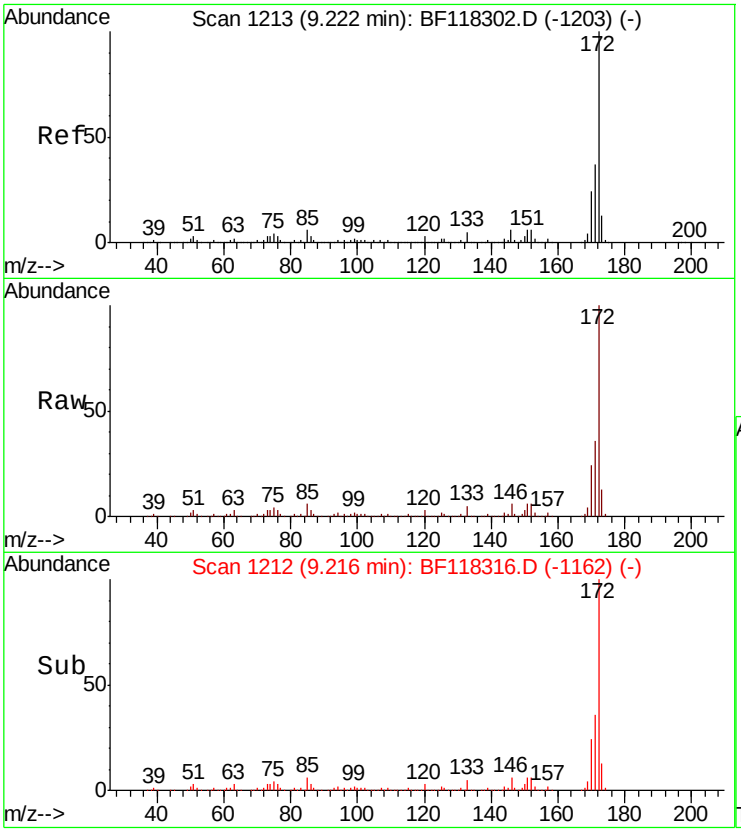


#42
2,4,6-Tribromophenol
Concen: 103.077 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:330 Resp: 294538

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	33.2	26.0	39.0



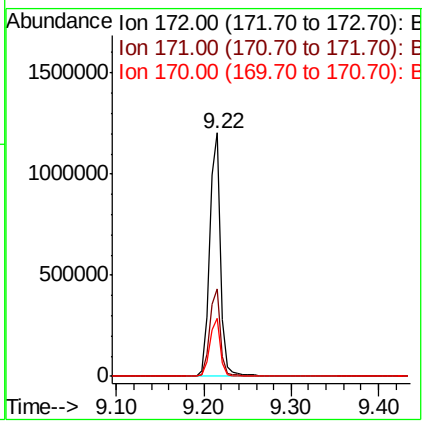


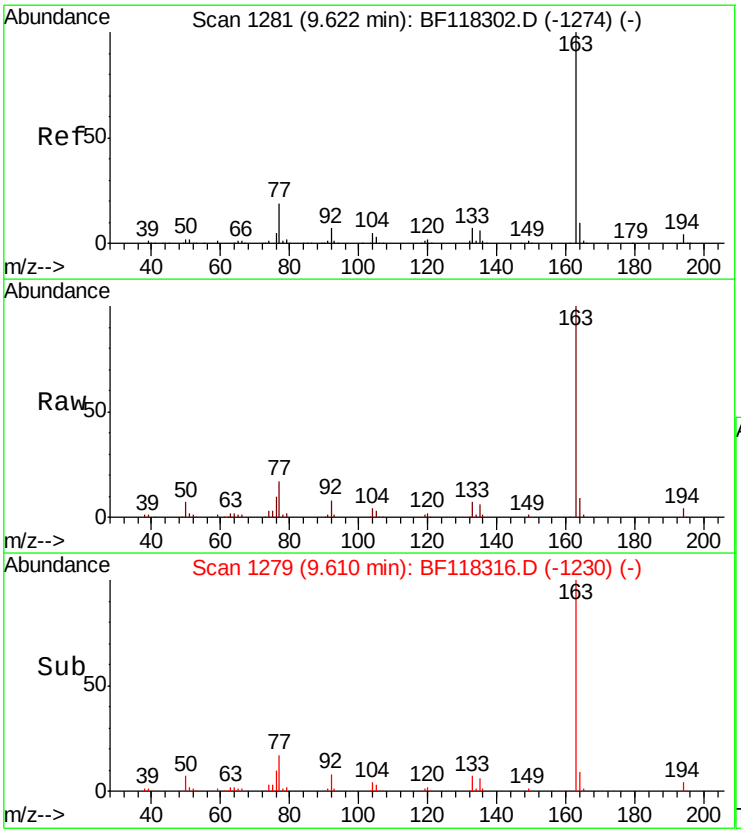
#45
2-Fluorobiphenyl
Concen: 68.672 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1040940

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	24.0	19.2	28.8

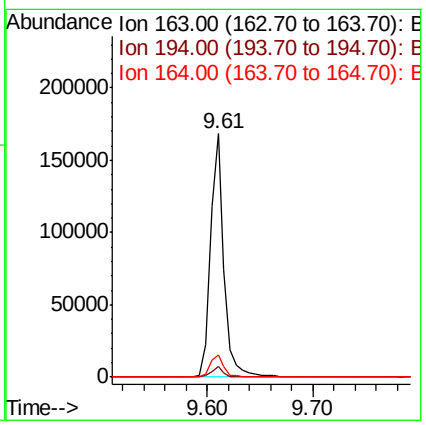


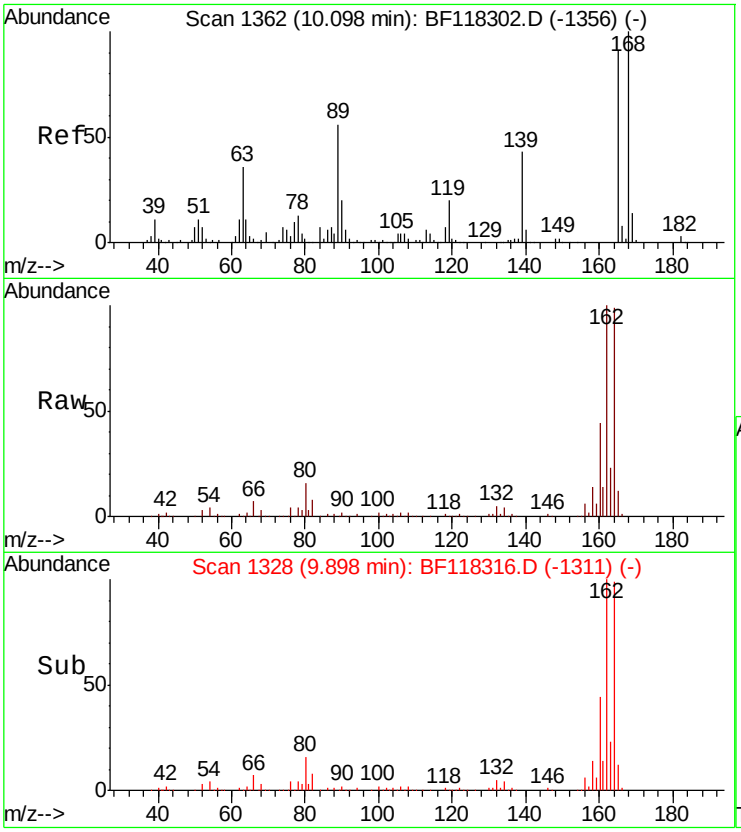


#50
Dimethylphthalate
Concen: 8.711 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:163 Resp: 151299

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.2	7.9	11.9



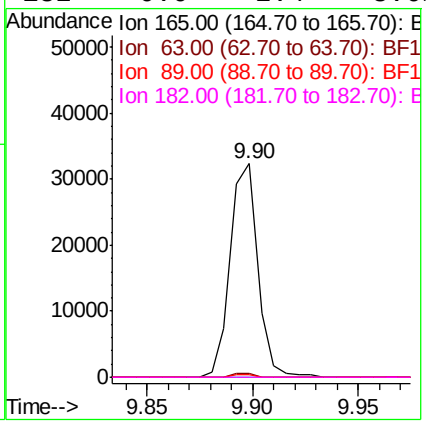


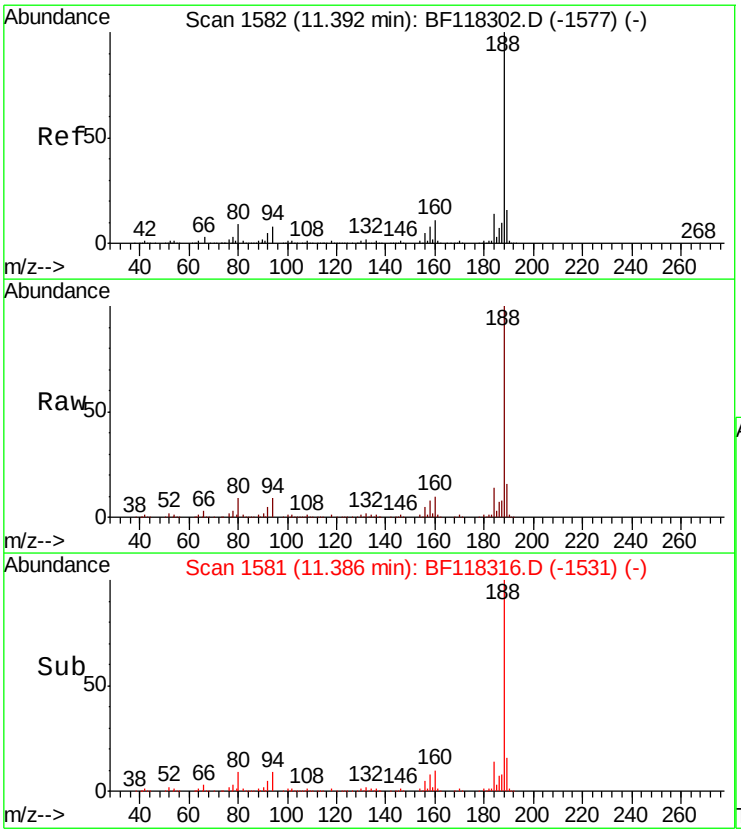
#57
2,4-Dinitrotoluene
Concen: 5.819 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29115

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	1.5	49.3	73.9#
182	0.0	2.4	3.6#

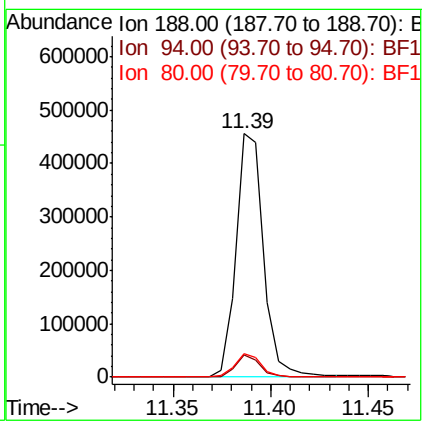


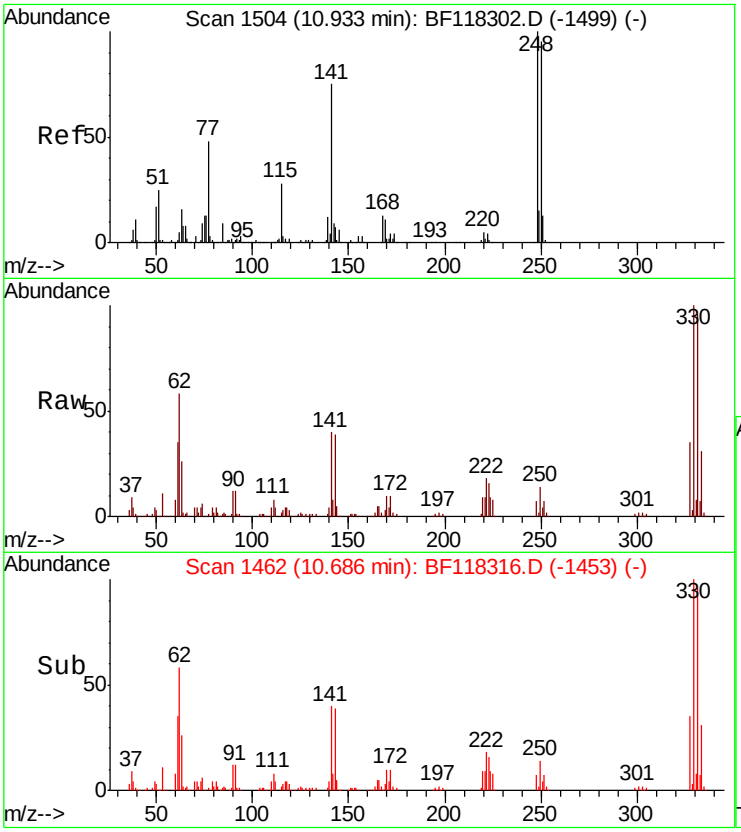


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:188 Resp: 445035

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.5	7.2	10.8



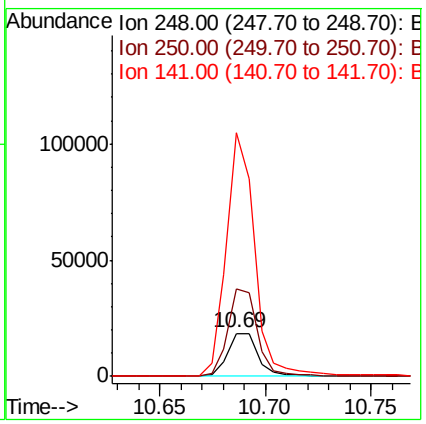


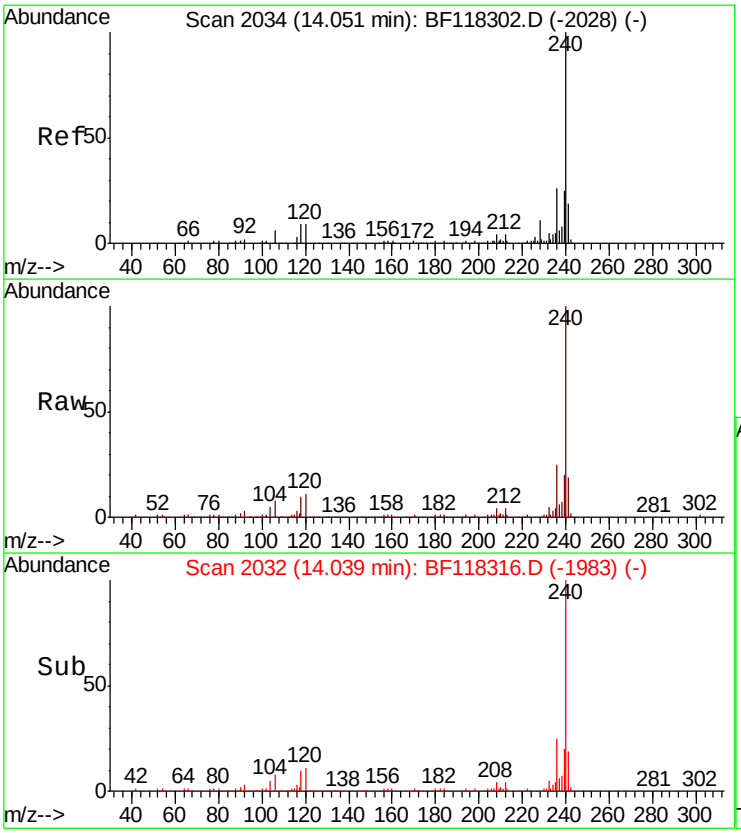
#67
4-Bromophenyl-phenylether
Concen: 3.498 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18216

Ion	Ratio	Lower	Upper
248	100		
250	203.1	76.4	114.6#
141	567.0	60.2	90.2#

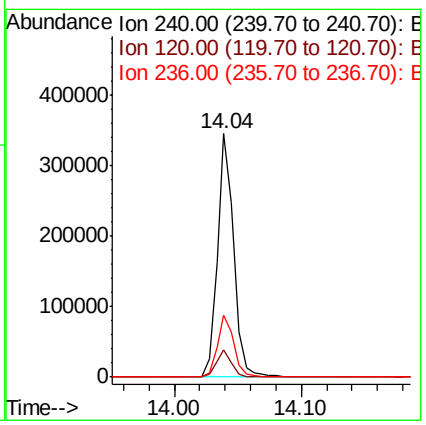


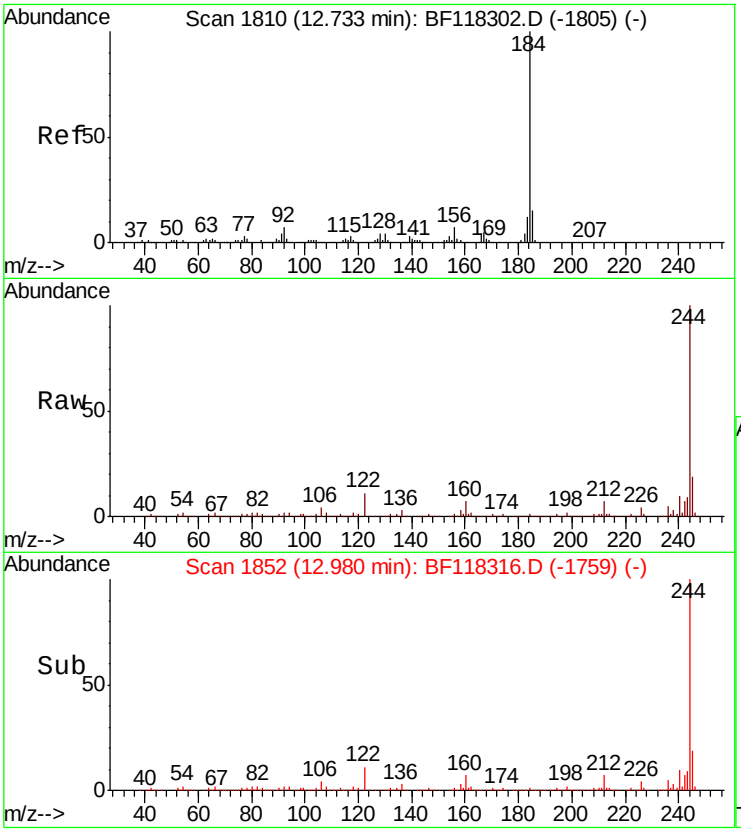


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:240 Resp: 311731

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	25.3	21.0	31.6



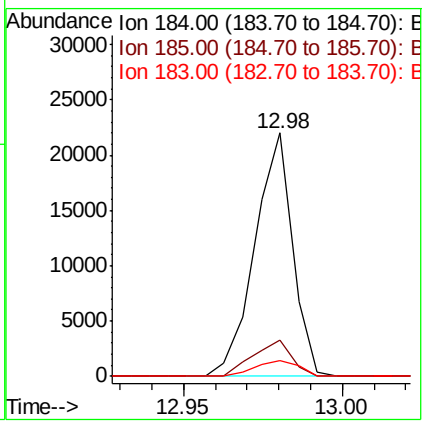


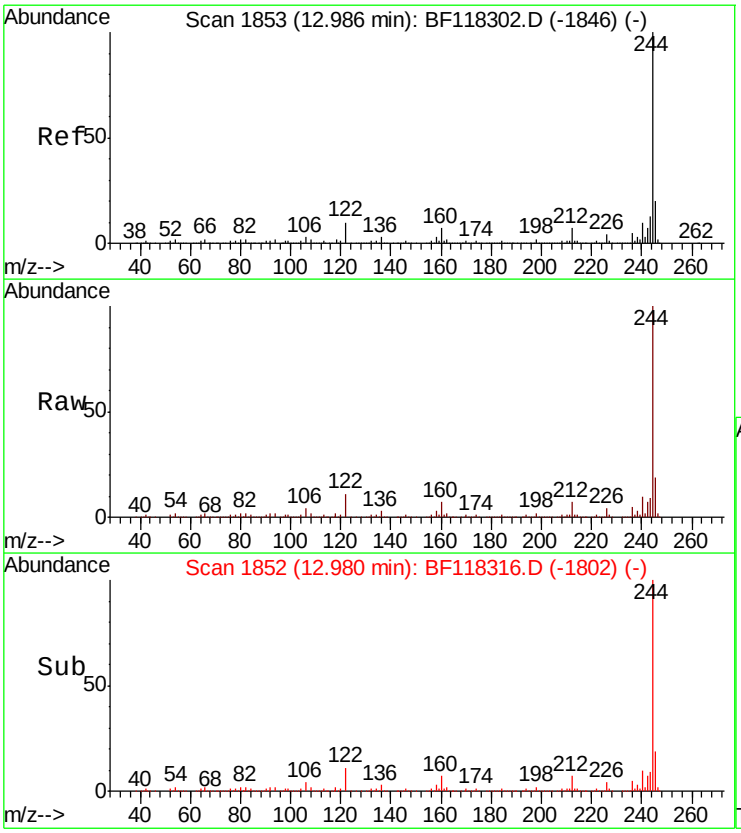
#77
Benzidine
Concen: 2.133 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.25 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 18220

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.3	18.5
183	6.3	9.4	14.2#

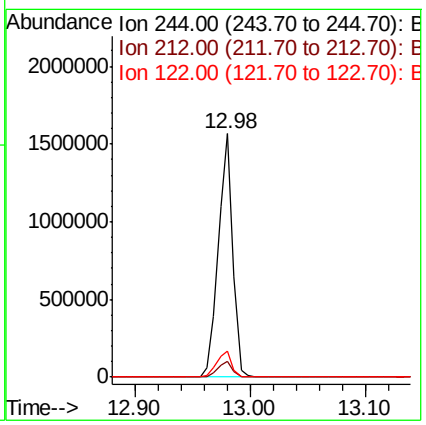


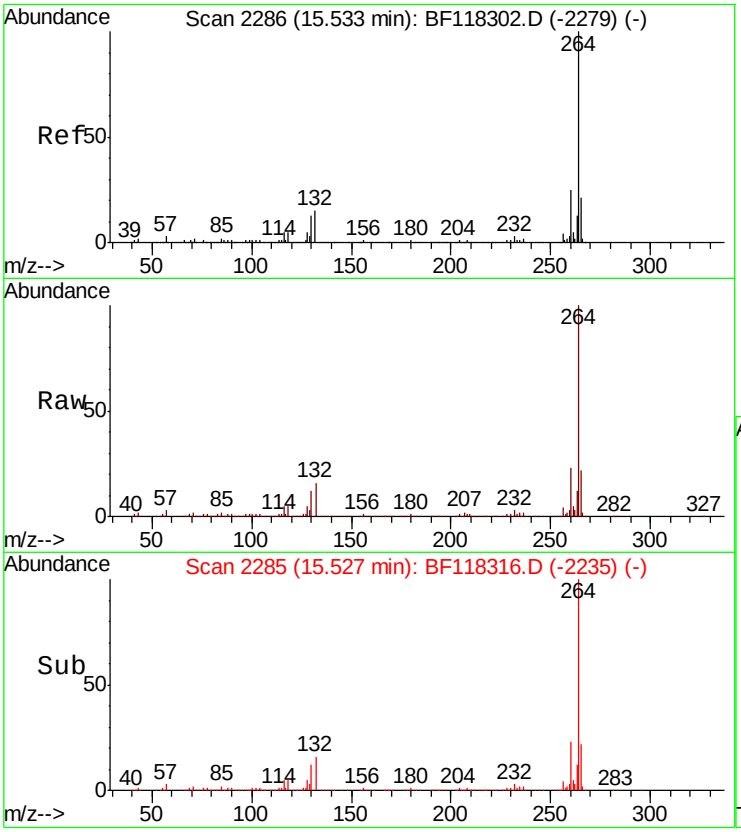


#79
Terphenyl-d14
Concen: 72.413 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Tgt Ion:244 Resp: 1360642

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.7	7.8	11.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118316.D
Acq: 26 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 322917

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	21.7	17.0	25.4