Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118232.D
Acq On : 17 Dec 2019 17:58
Operator : JU
Sample : K6299-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 18 05:04:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126459	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	494921	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	250894	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	394896	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	261535	20.00	ng	-0.02
87) Perylene-d12	15.55	264	247842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	538156	74.53	ng	0.00
7) Phenol-d6	6.49	99	687596	78.74	ng	-0.01
23) Nitrobenzene-d5	7.42	82	412884	46.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	188677	61.90	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	807592	48.98	ng	-0.02
79) Terphenyl-d14	12.99	244	692514	45.53	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1112	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	55195	10.401	ng	# 79
25) Isophorone	7.42	82	412879	27.685	ng	# 62
50) Dimethylphthalate	9.62	163	71267	3.846	ng	98
51) 2,6-Dinitrotoluene	9.90	165	31846	7.903	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	31846	5.921	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	12179	2.702	ng	# 1

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

Quantitation Report (Not Reviewed)

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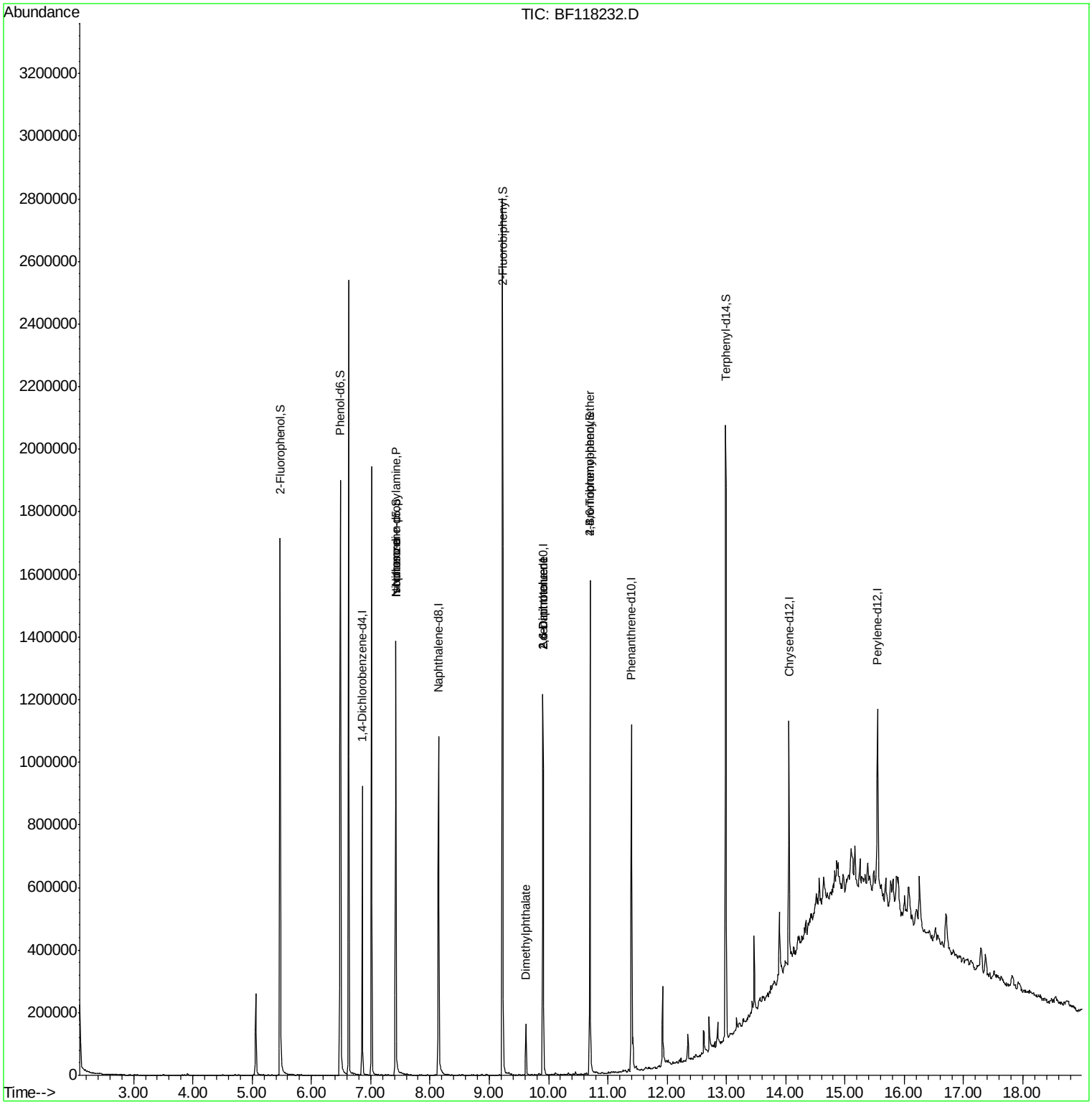
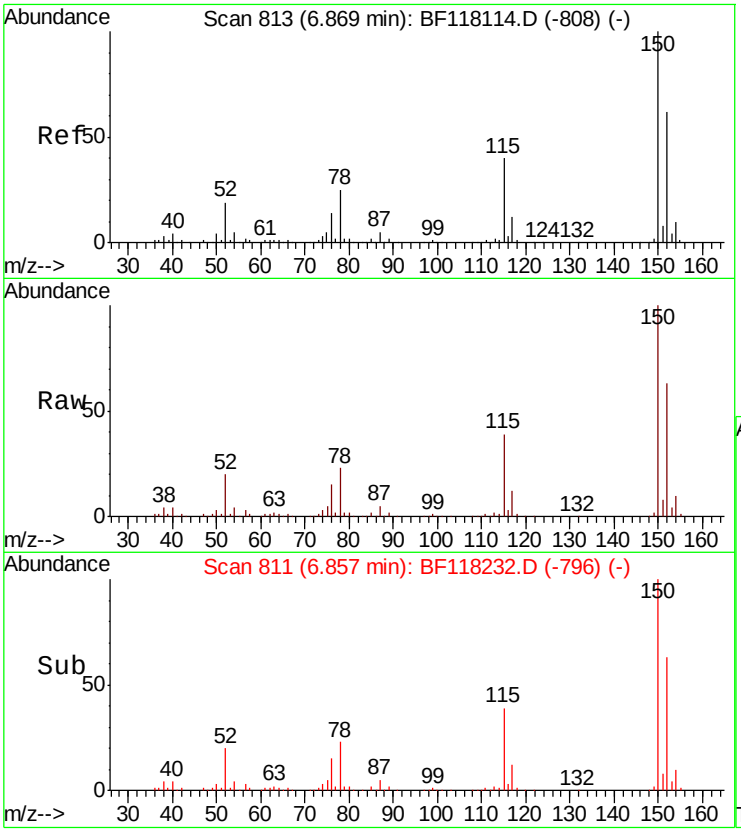
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



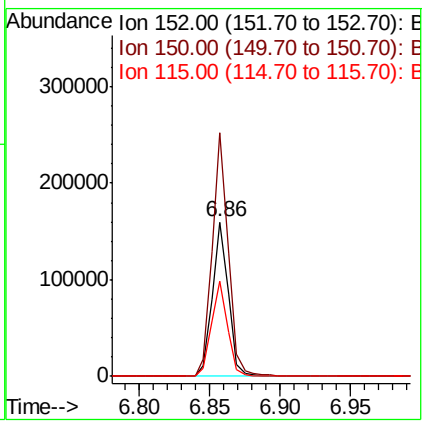


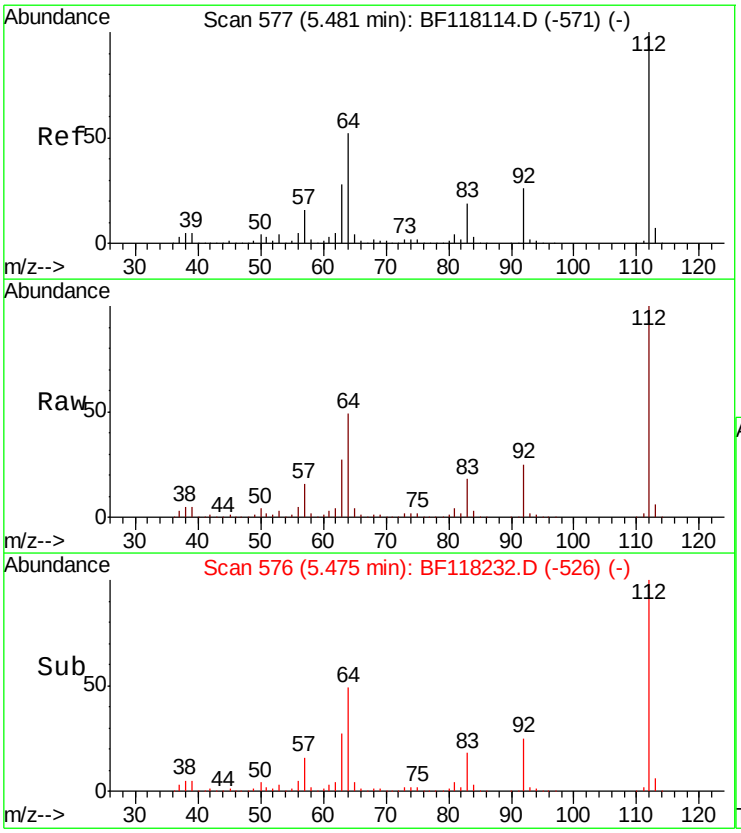
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126459

Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.3	192.5
115	62.1	51.1	76.7

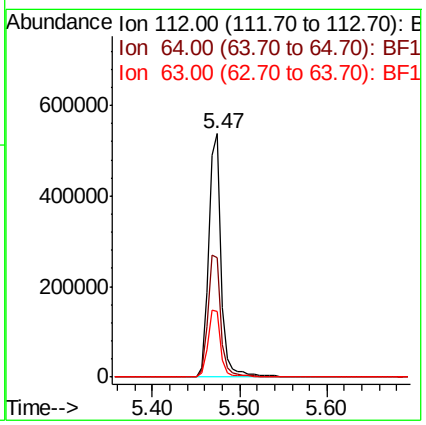


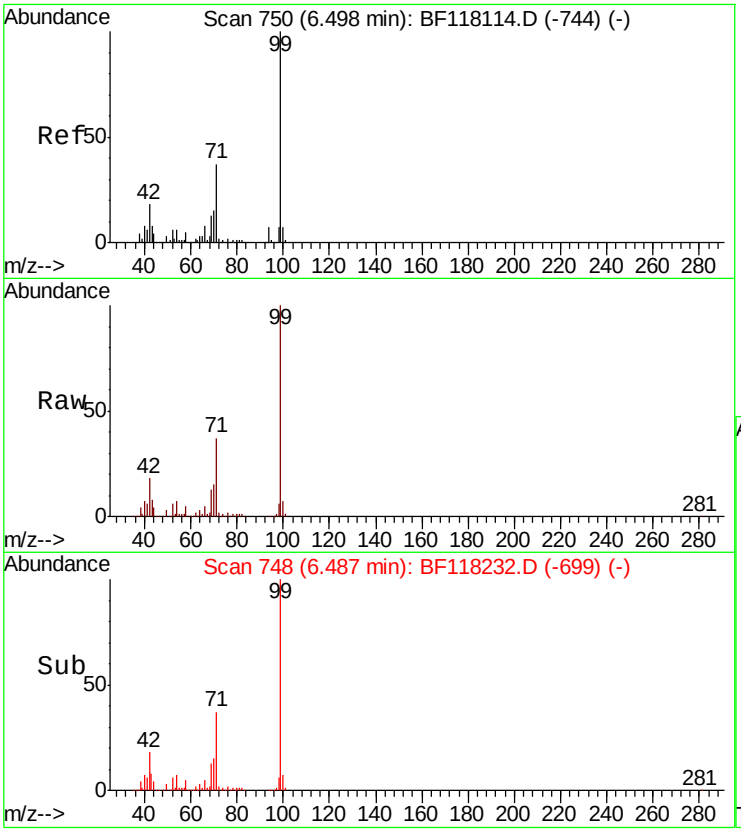


#5
2-Fluorophenol
Concen: 74.535 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:112 Resp: 538156

Ion	Ratio	Lower	Upper
112	100		
64	49.2	41.3	61.9
63	27.1	22.4	33.6



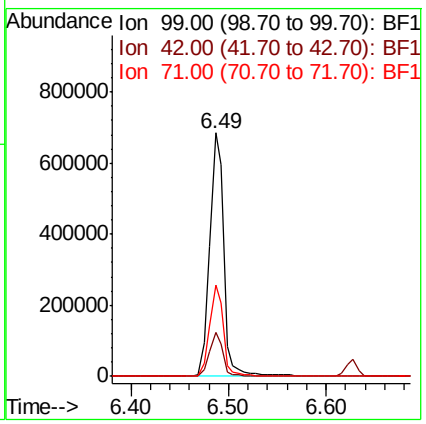


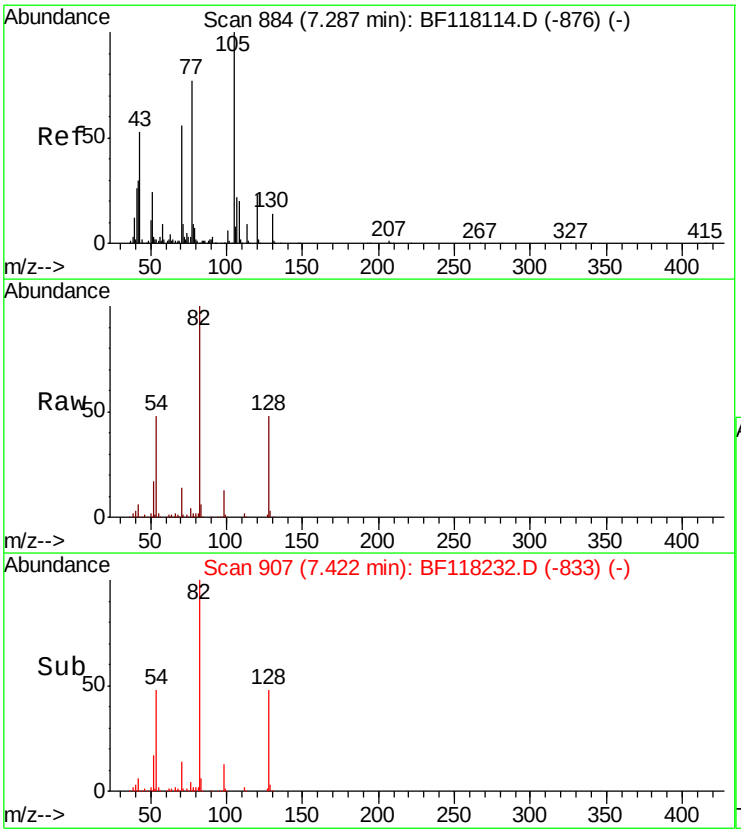
#7
Phenol-d6
Concen: 78.735 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 687596

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	37.4	29.7	44.5

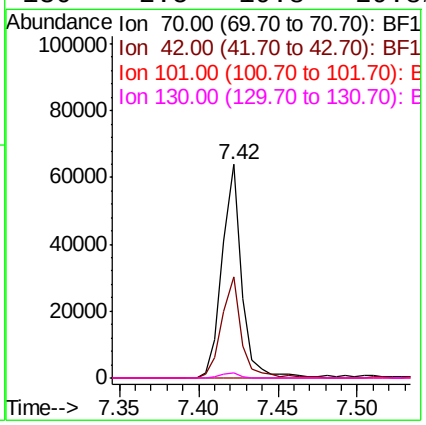


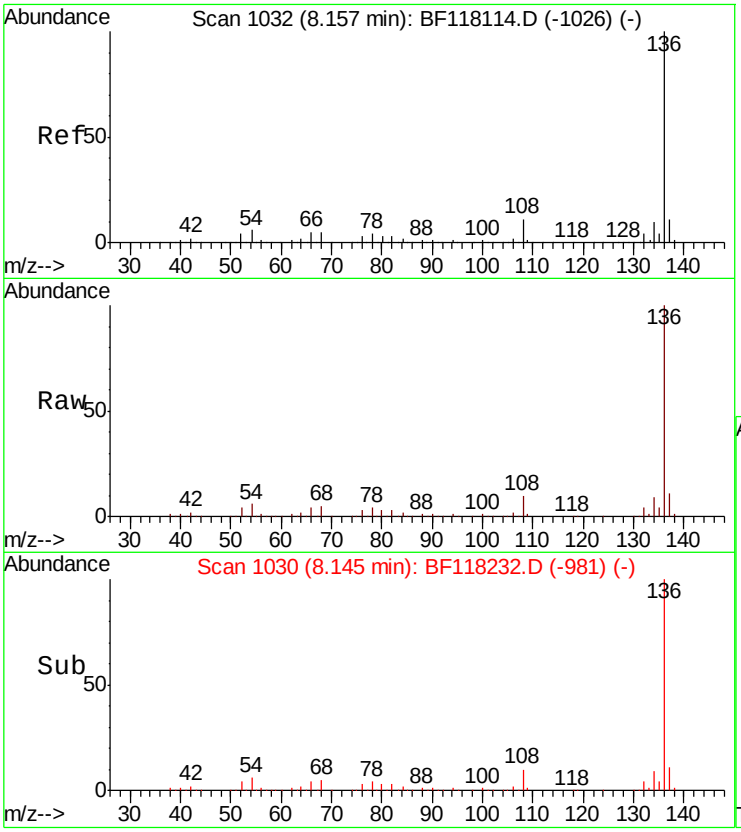


#19
n-Nitroso-di-n-propylamine
Concen: 10.401 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion: 70 Resp: 55195

Ion	Ratio	Lower	Upper
70	100		
42	47.5	43.2	64.8
101	0.0	8.1	12.1#
130	2.5	19.8	29.8#



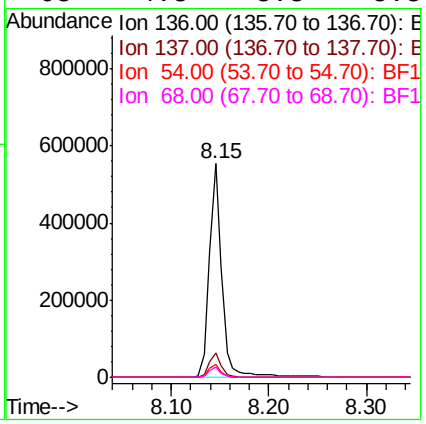


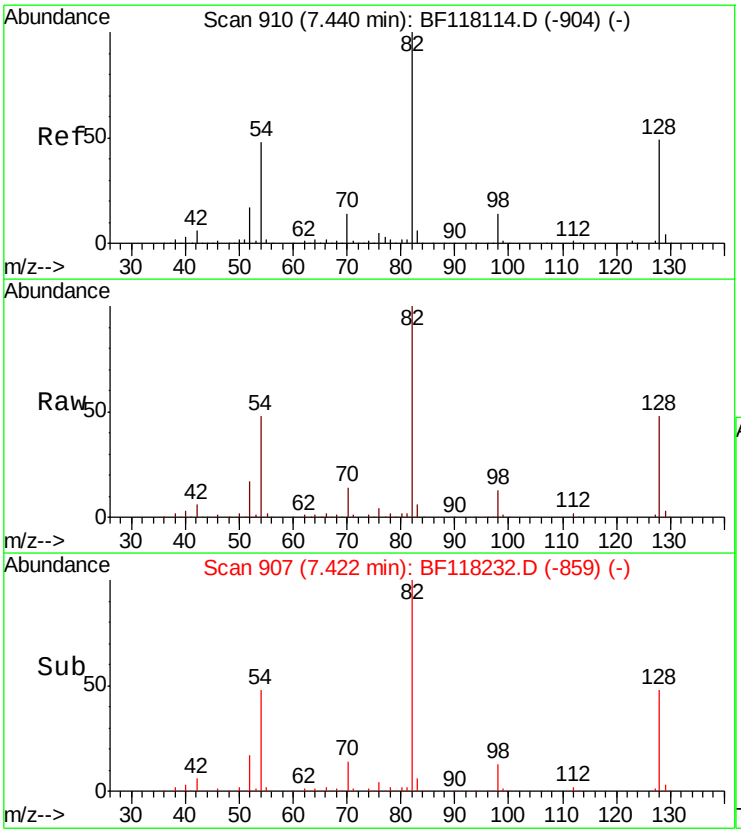
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494921

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.1	5.0	7.6
68	4.8	3.8	5.8

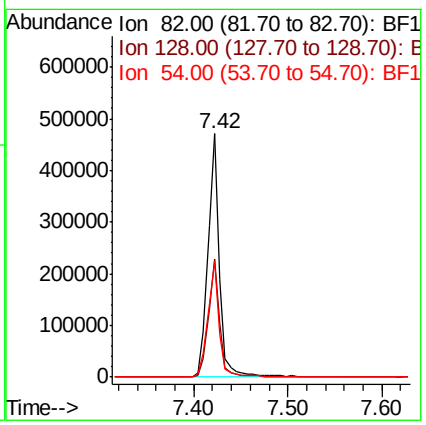


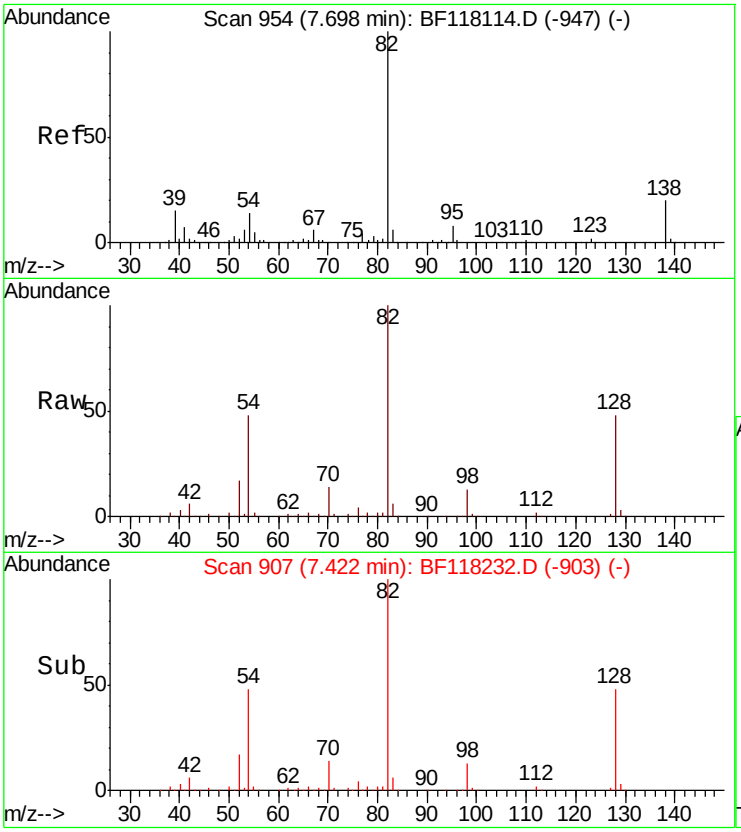


#23
Nitrobenzene-d5
Concen: 46.933 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion: 82 Resp: 412884

Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	47.6	38.2	57.2



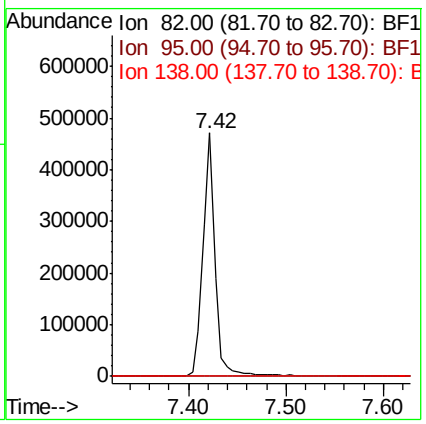


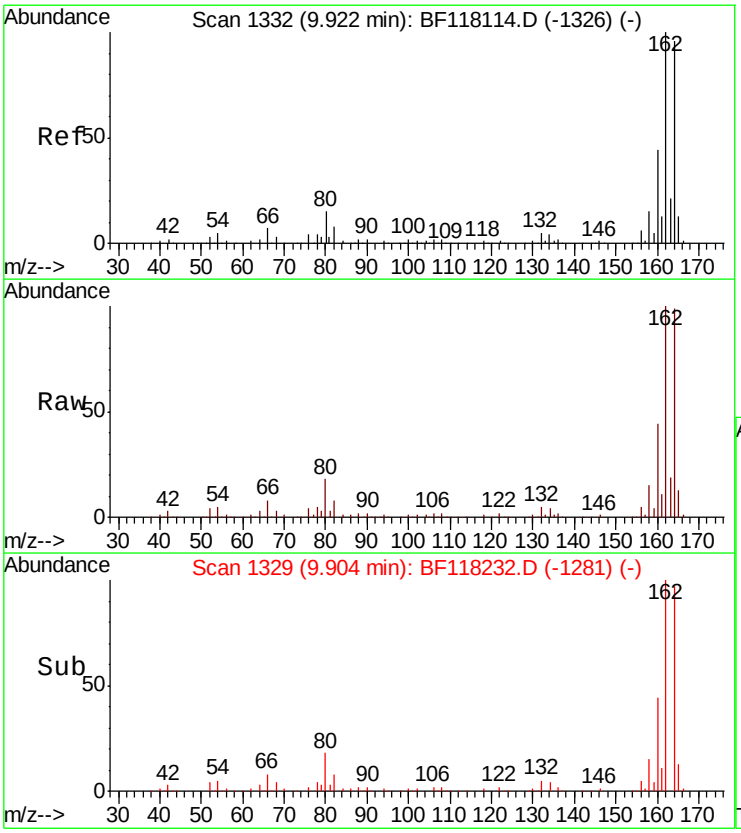
#25
Isophorone
Concen: 27.685 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 412879

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

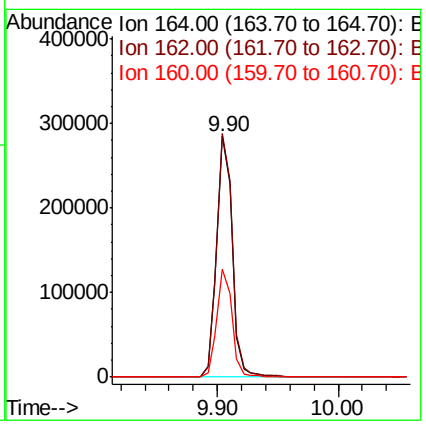


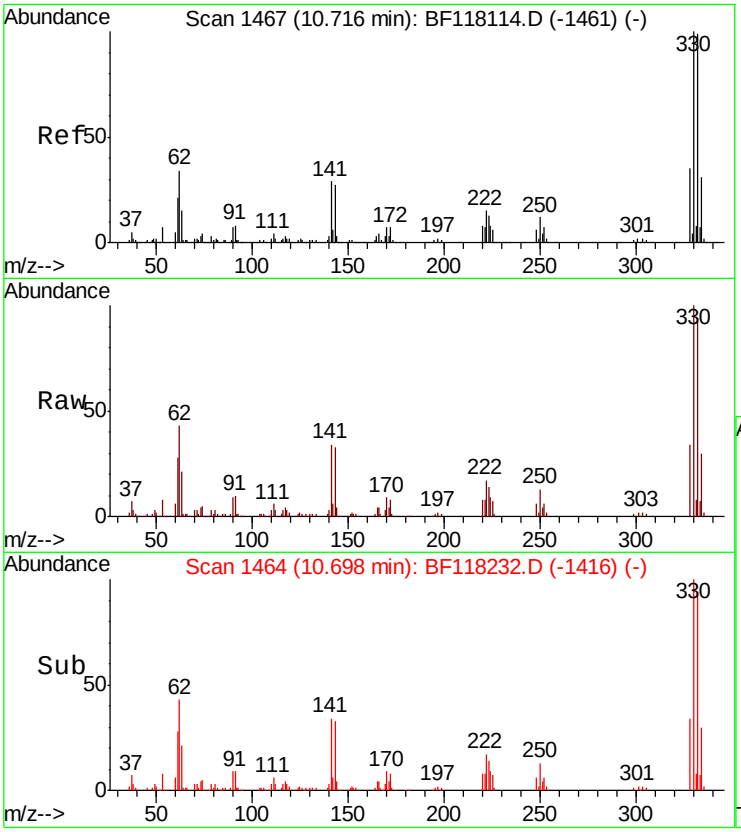


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:164 Resp: 250894

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.4	125.0
160	44.6	36.6	54.8



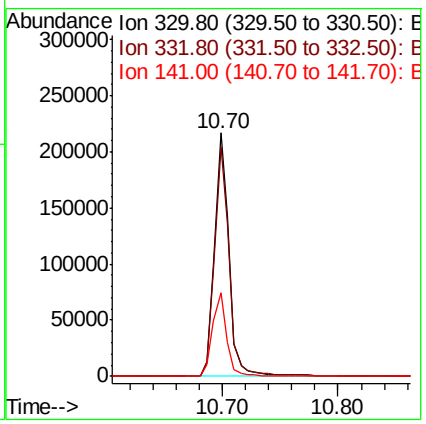


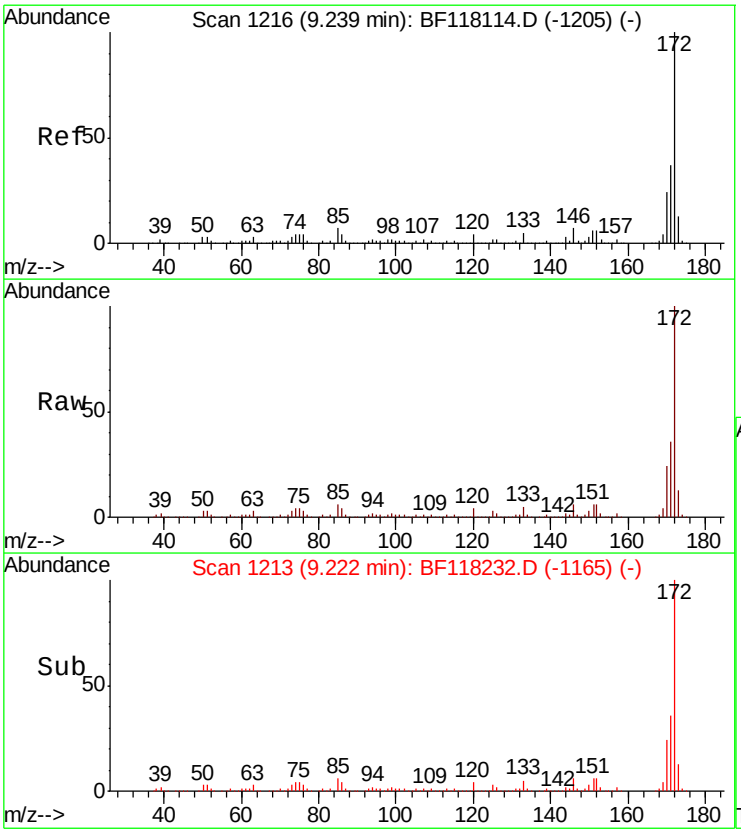
#42
2,4,6-Tribromophenol
Concen: 61.904 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 188677

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	33.6	26.9	40.3

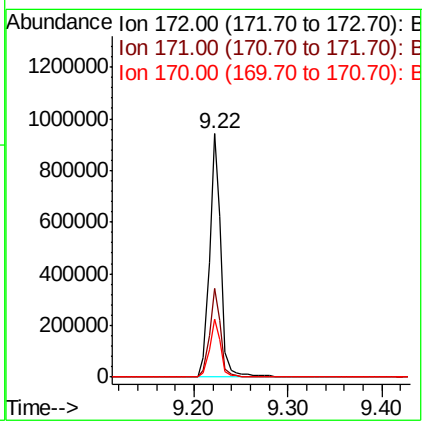


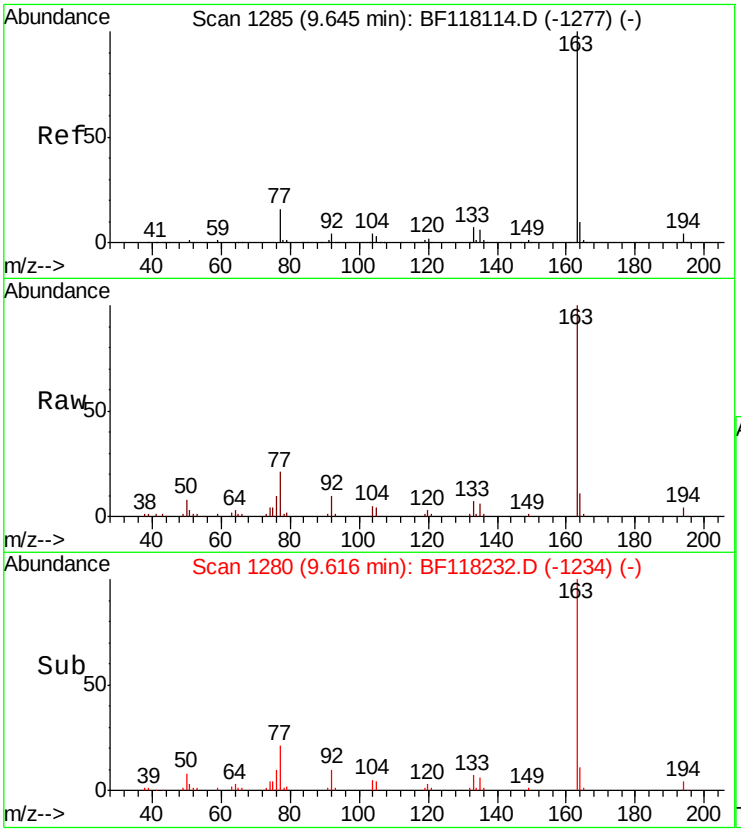


#45
2-Fluorobiphenyl
Concen: 48.980 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:172 Resp: 807592

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.0	19.4	29.2



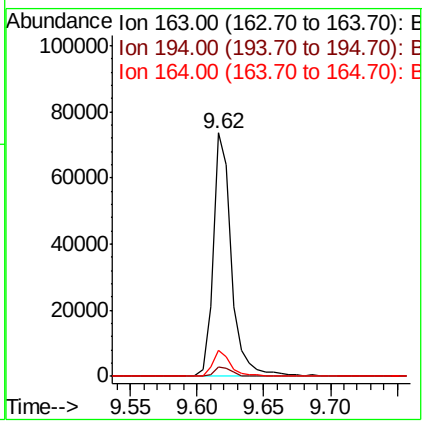


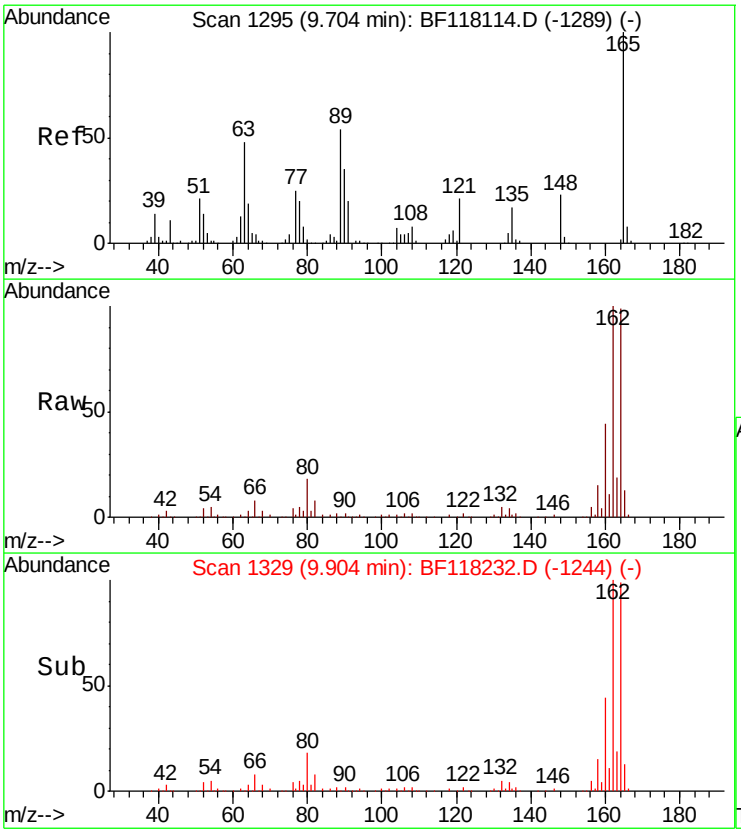
#50
Dimethylphthalate
Concen: 3.846 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 71267

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.9	7.7	11.5

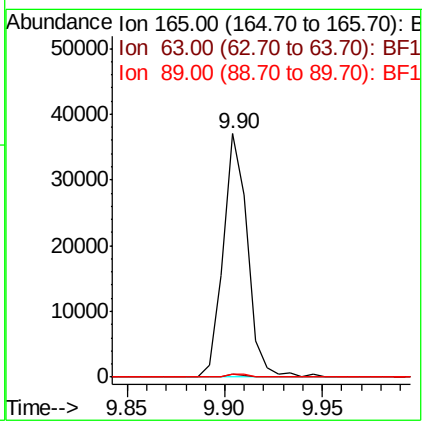


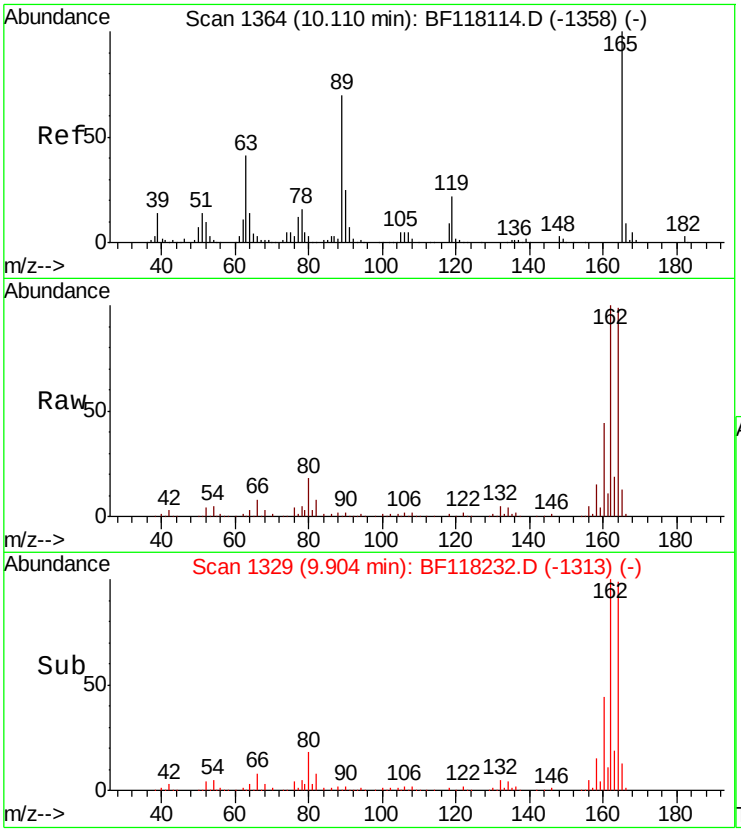


#51
2,6-Dinitrotoluene
Concen: 7.903 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:165 Resp: 31846

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.4	62.0#
89	1.1	42.9	64.3#



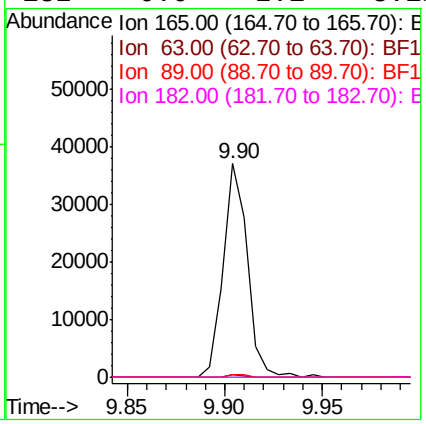


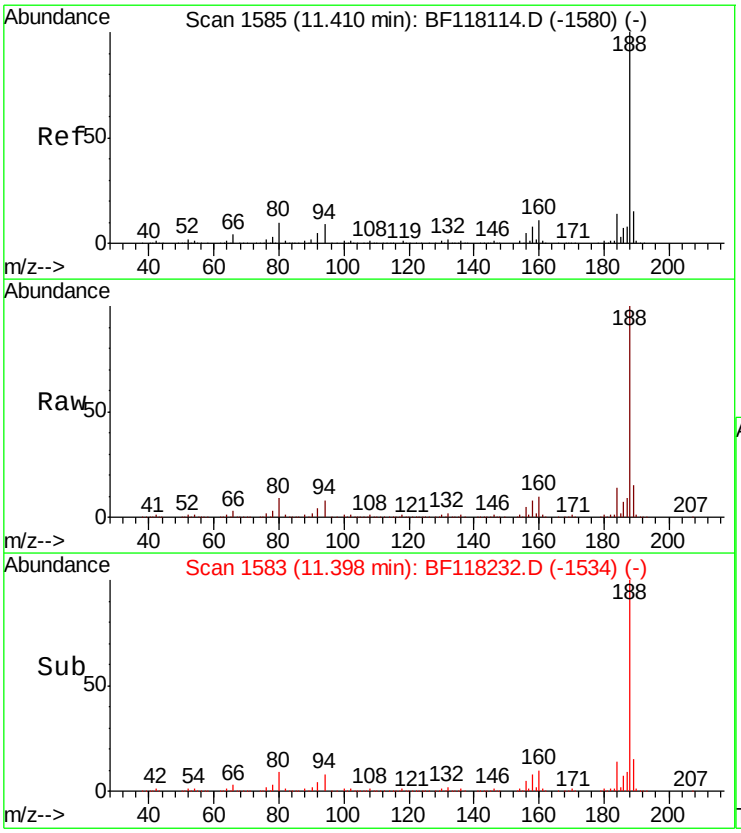
#57
2,4-Dinitrotoluene
Concen: 5.921 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31846

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.1	56.1	84.1#
182	0.0	2.1	3.1#

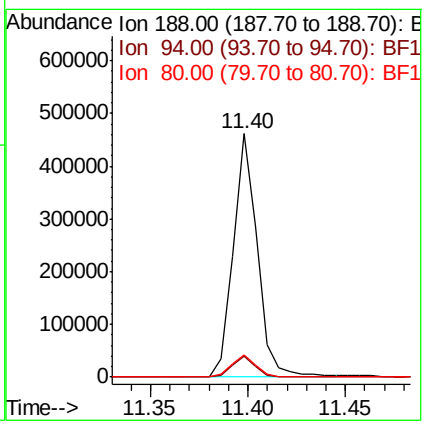


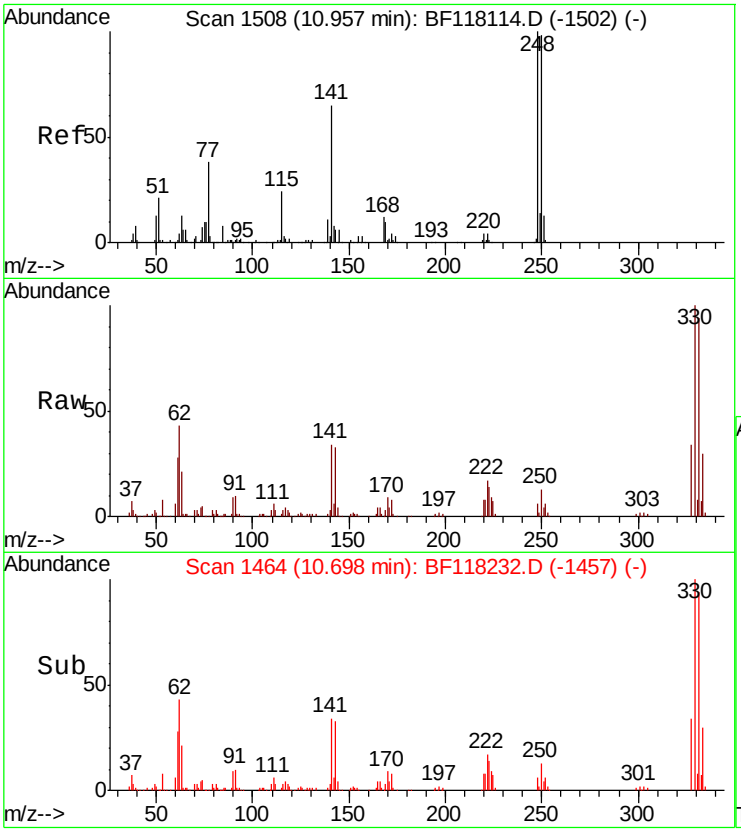


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:188 Resp: 394896

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.0	7.9	11.9



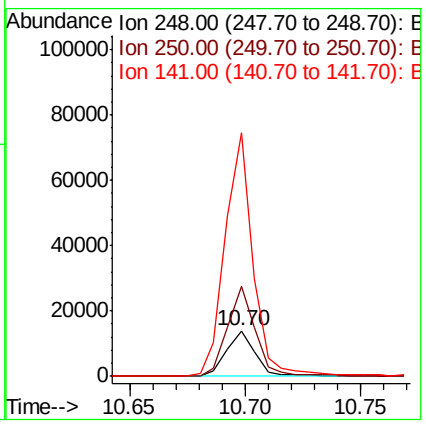


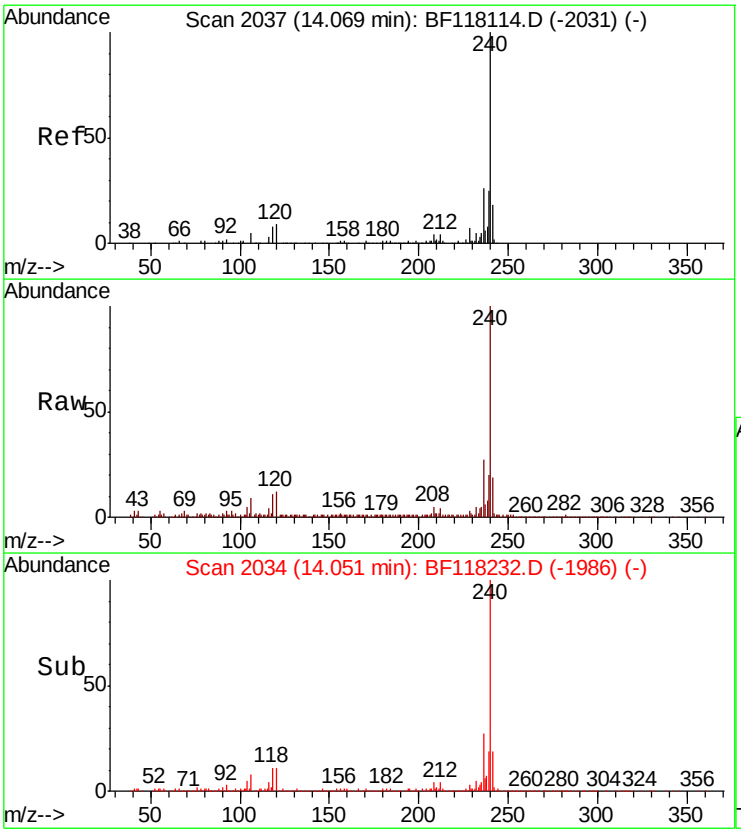
#67
4-Bromophenyl-phenylether
Concen: 2.702 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12179

Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.3	117.5#
141	532.6	52.2	78.4#

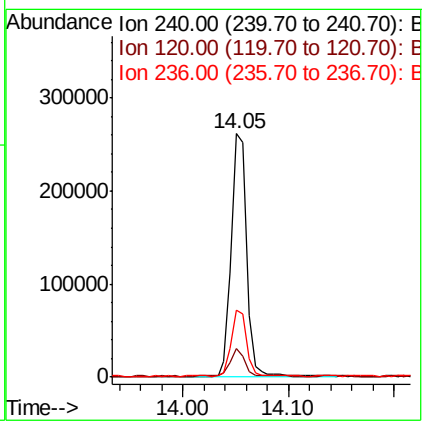


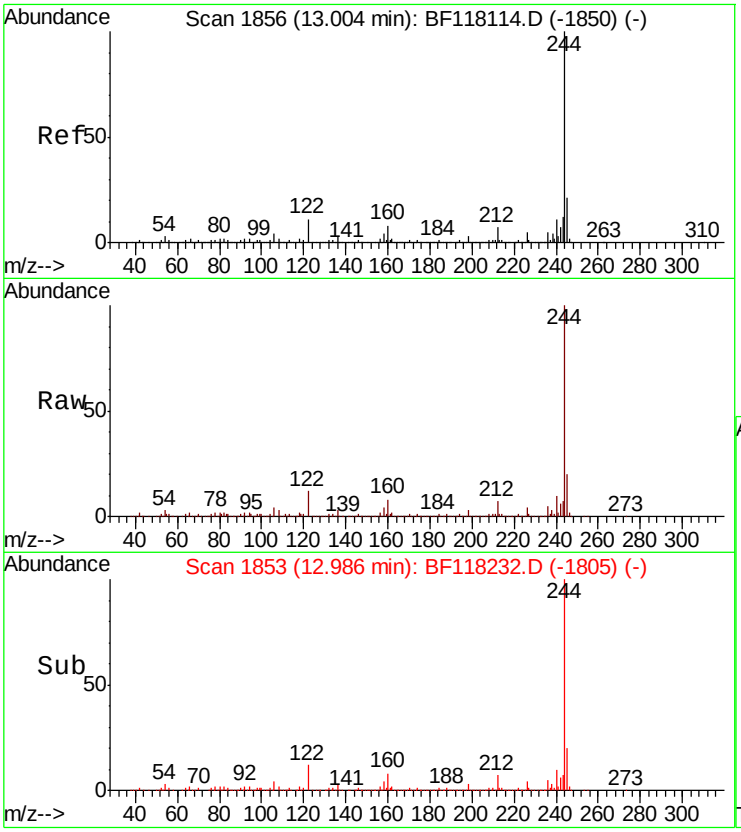


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:240 Resp: 261535

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	27.5	21.0	31.6



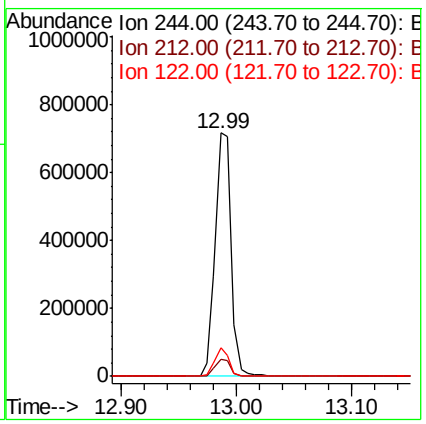


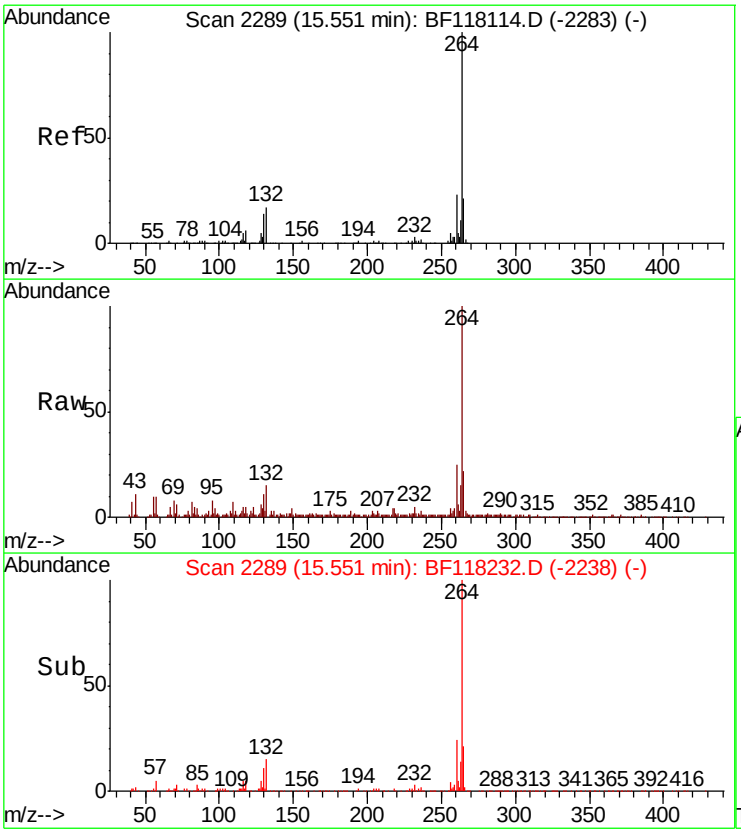
#79
Terphenyl-d14
Concen: 45.534 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 692514

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.7	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118232.D
Acq: 17 Dec 2019 17:58

Tgt Ion:264 Resp: 247842

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.0	16.8	25.2