Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117416.D
Acq On : 16 Oct 2019 16:26
Operator : JU
Sample : K5335-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-GAC2-191010

Quant Time: Oct 17 01:00:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42698	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	171098	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	90781	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	162069	20.00	ng	0.00
76) Chrysene-d12	13.96	240	150068	20.00	ng	0.00
87) Perylene-d12	15.42	264	148673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	345383	124.46	ng	0.00
7) Phenol-d6	6.44	99	455606	123.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	301138	89.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	112632	152.45	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	557033	89.46	ng	0.00
79) Terphenyl-d14	12.90	244	688761	74.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	436	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	37182	15.838	ng	# 80
25) Isophorone	7.36	82	301136	50.083	ng	# 67
50) Dimethylphthalate	9.55	163	48034	7.368	ng	# 95
51) 2,6-Dinitrotoluene	9.83	165	11013	8.036	ng	# 21
57) 2,4-Dinitrotoluene	9.83	165	11013	6.091	ng	# 12
67) 4-Bromophenyl-phenylether	10.62	248	7005	3.941	ng	# 1
77) Benzidine	12.90	184	8834	2.380	ng	# 92

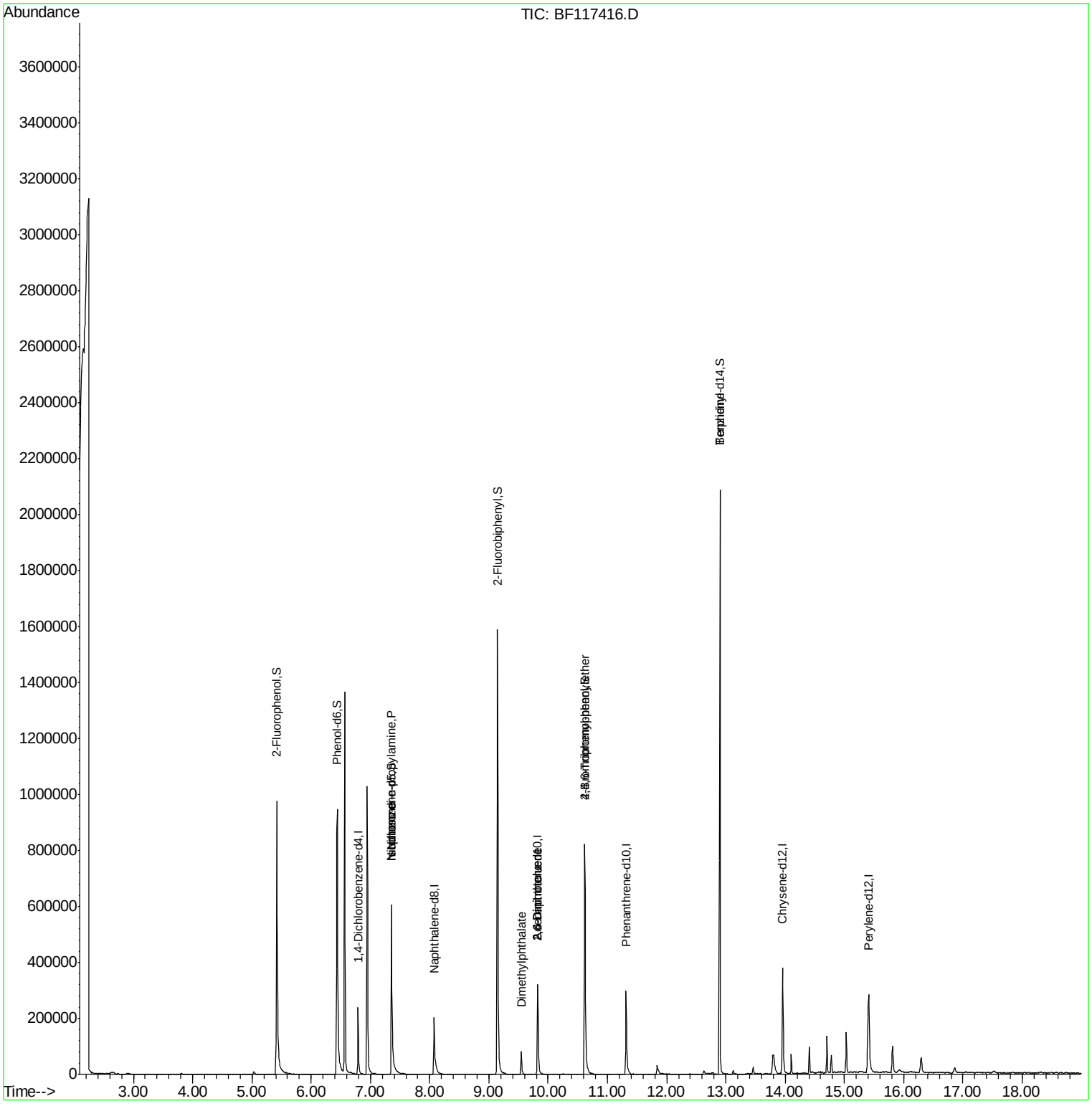
(#) = qualifier out of range (m) = manual integration (+) = signals summed

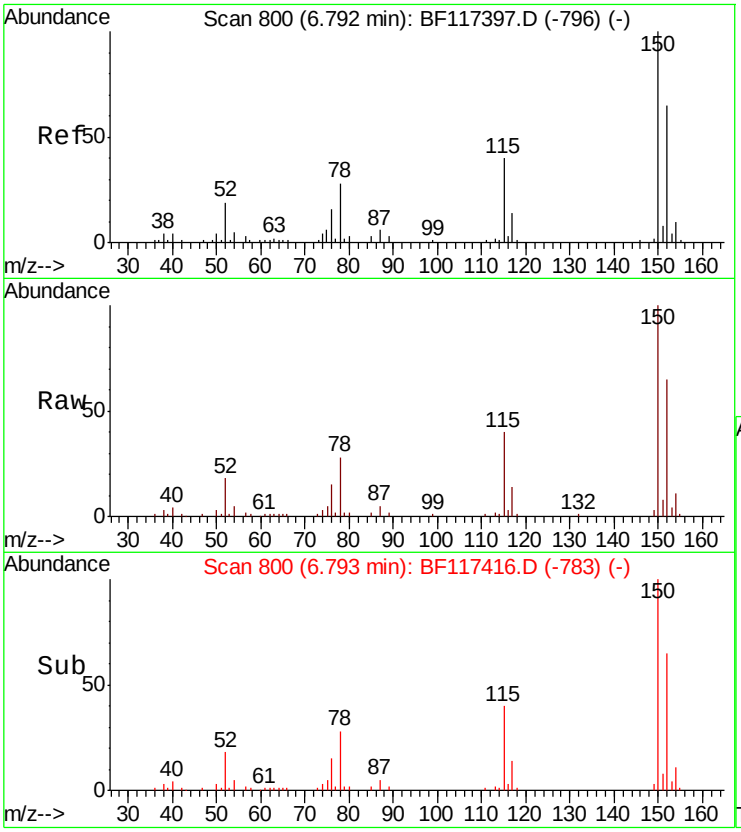
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117416.D
Acq On : 16 Oct 2019 16:26
Operator : JU
Sample : K5335-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Quant Time: Oct 17 01:00:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration



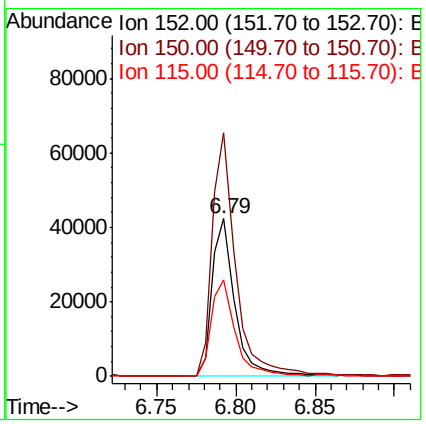


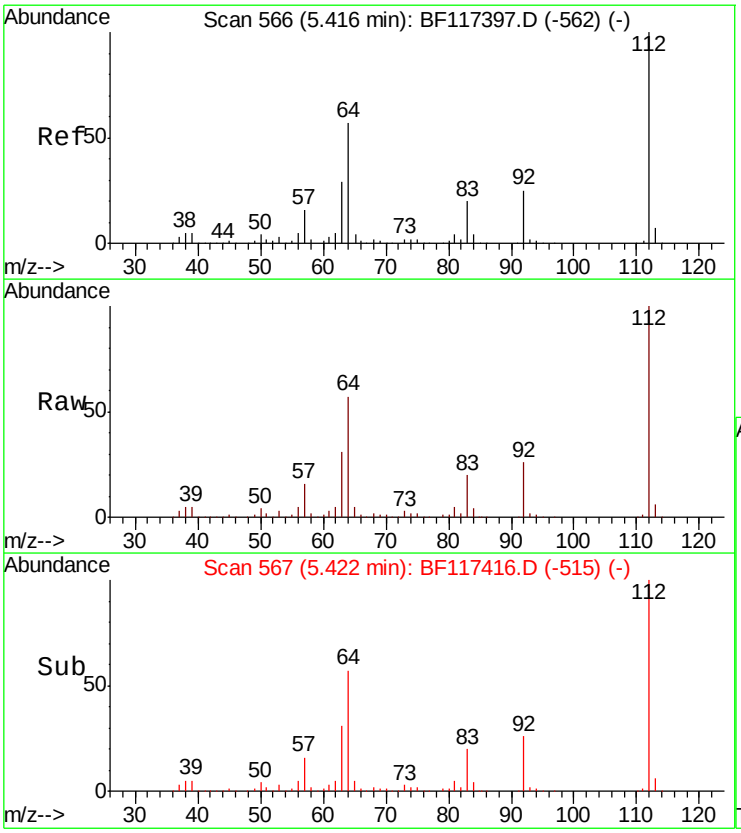
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:152 Resp: 42698

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	61.6	48.6	73.0

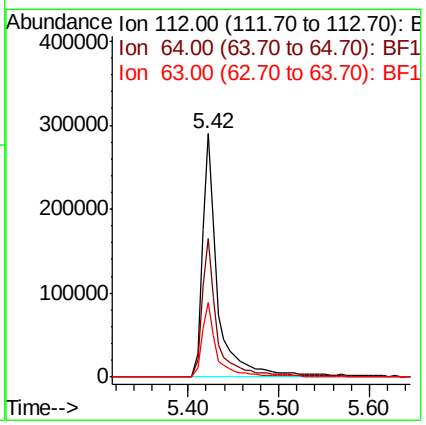


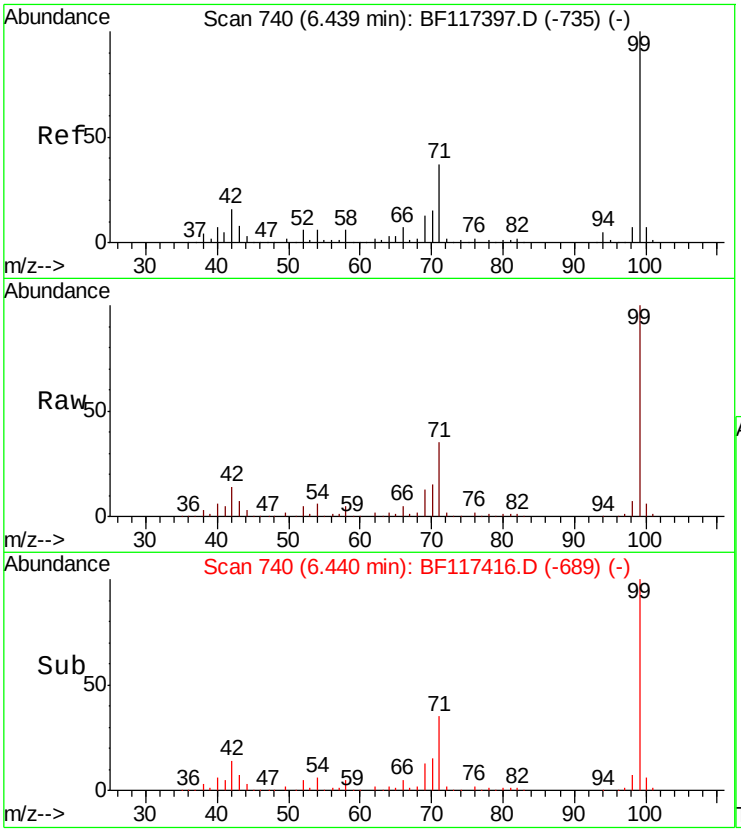


#5
2-Fluorophenol
Concen: 124.459 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:112 Resp: 345383

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.2	67.8
63	30.5	23.4	35.2



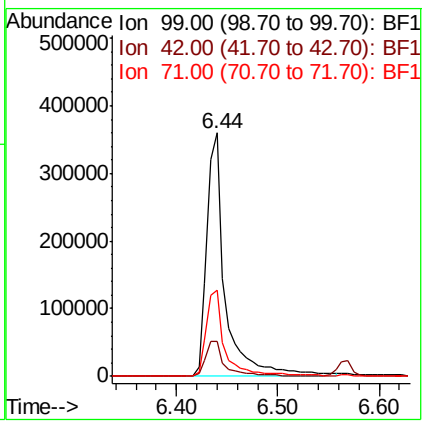


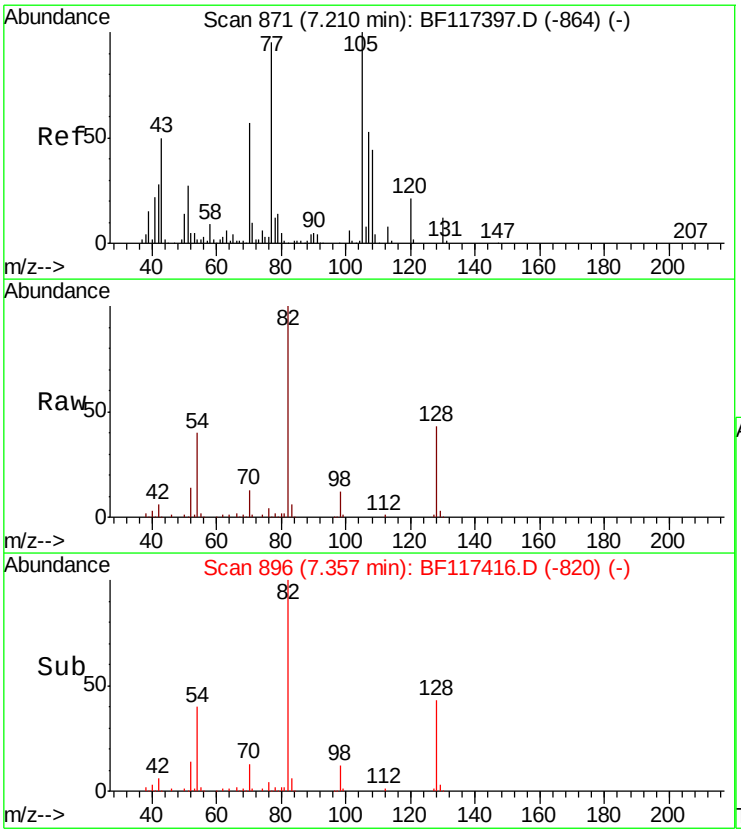
#7
Phenol-d6
Concen: 123.739 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion: 99 Resp: 455606

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	35.2	29.2	43.8

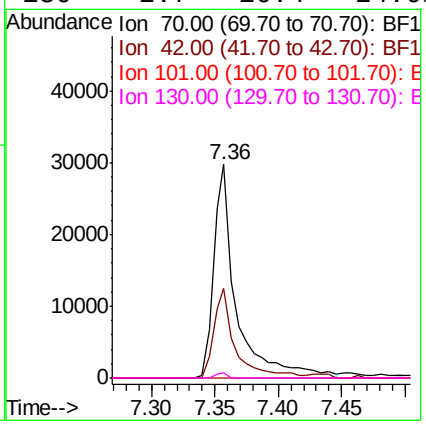


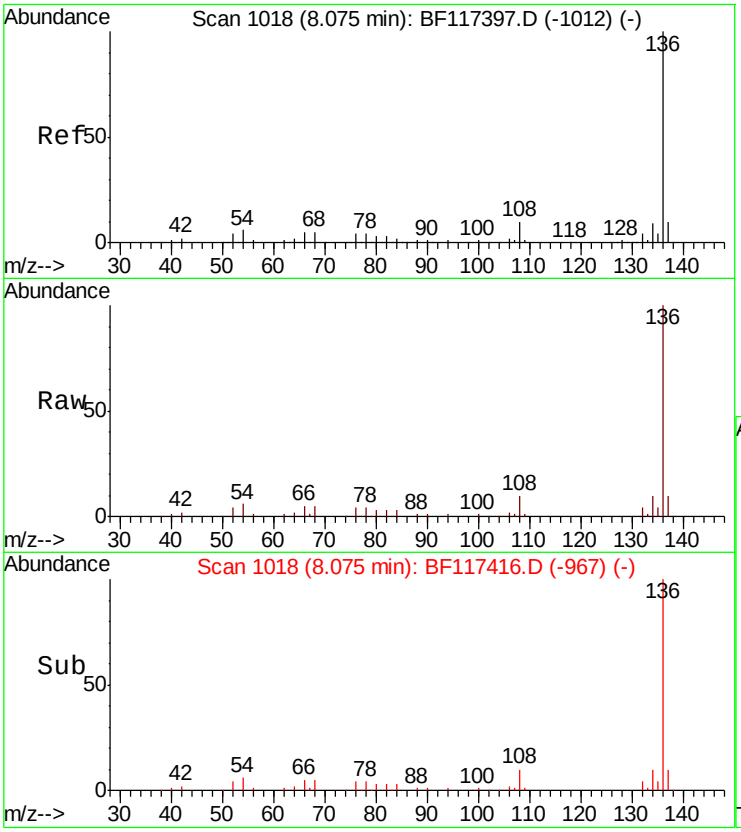


#19
n-Nitroso-di-n-propylamine
Concen: 15.838 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion: 70 Resp: 37182

Ion	Ratio	Lower	Upper
70	100		
42	41.9	39.8	59.8
101	0.0	8.1	12.1#
130	2.7	16.4	24.6#



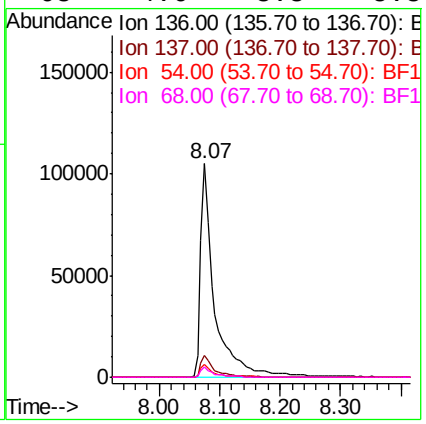


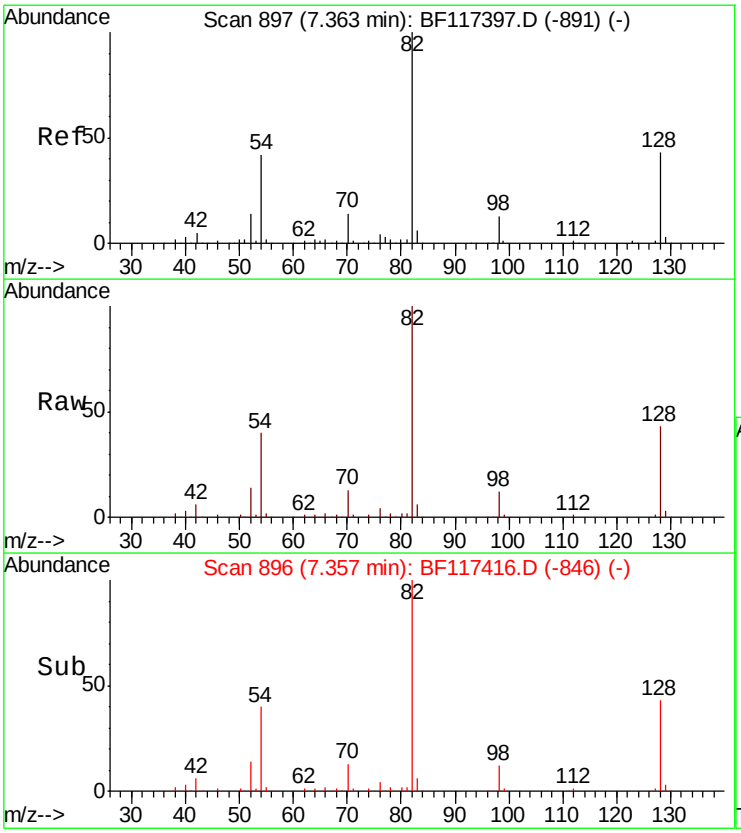
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:136 Resp: 171098

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.1	4.6	6.8
68	4.6	3.8	5.8

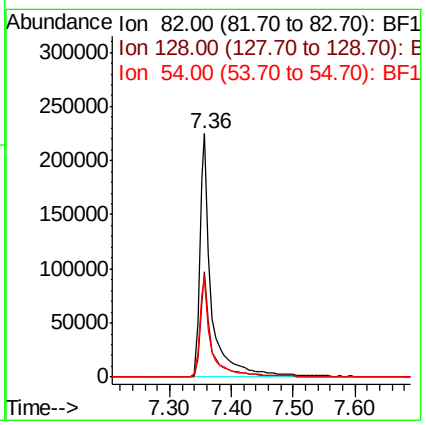


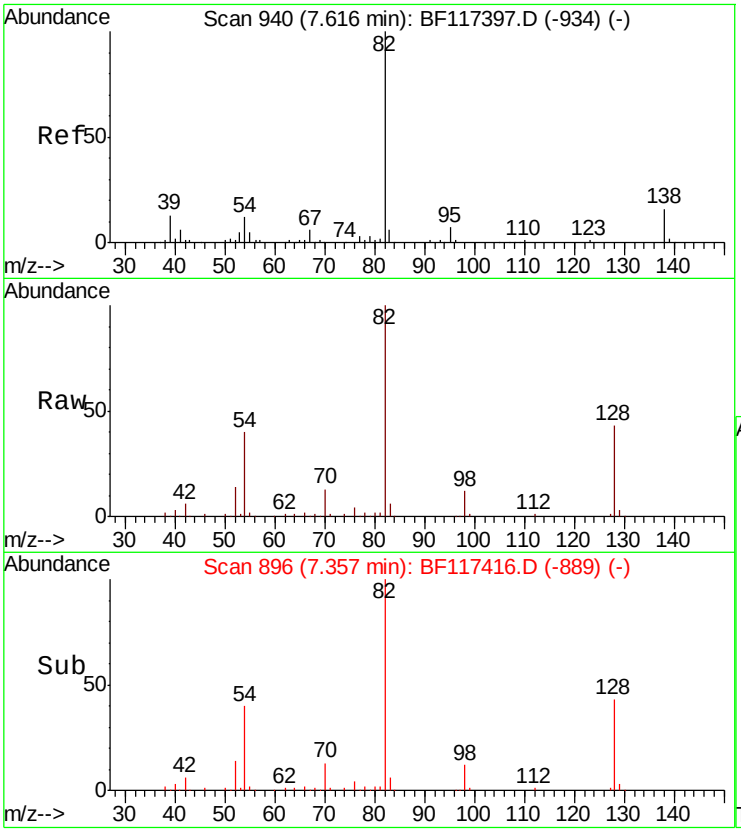


#23
Nitrobenzene-d5
Concen: 89.217 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion: 82 Resp: 301138

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.1	51.1
54	40.0	33.3	49.9



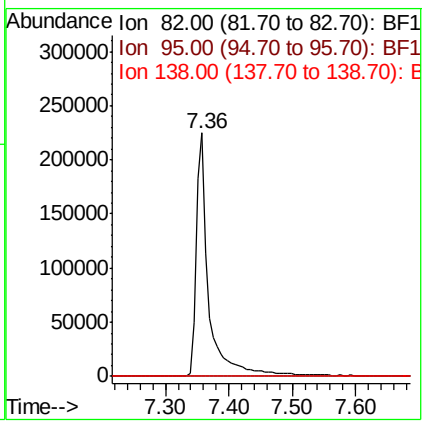


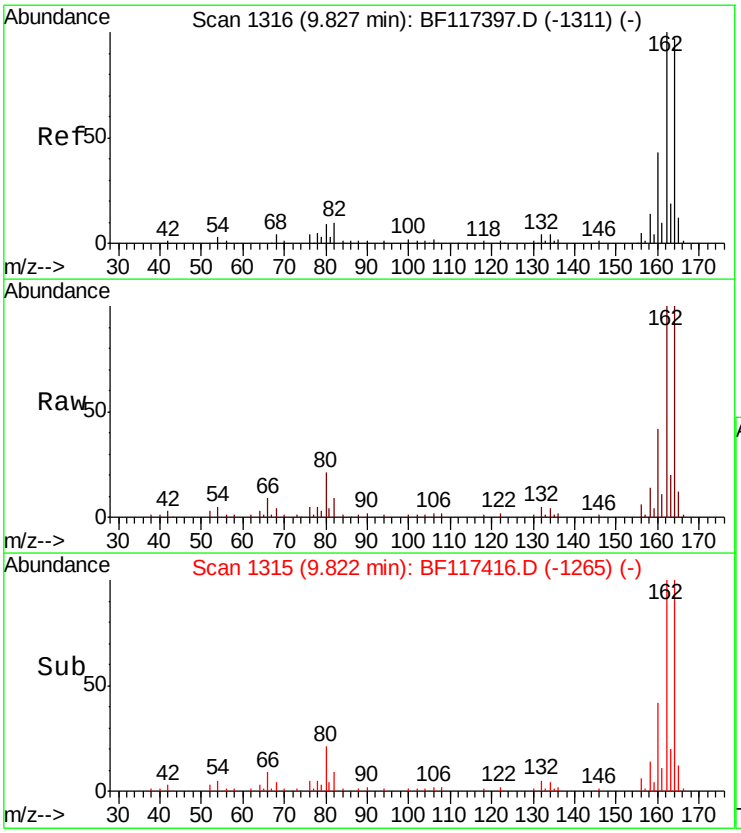
#25
Isophorone
Concen: 50.083 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion: 82 Resp: 301136

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

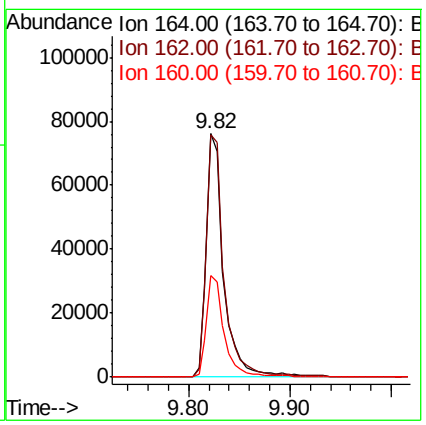


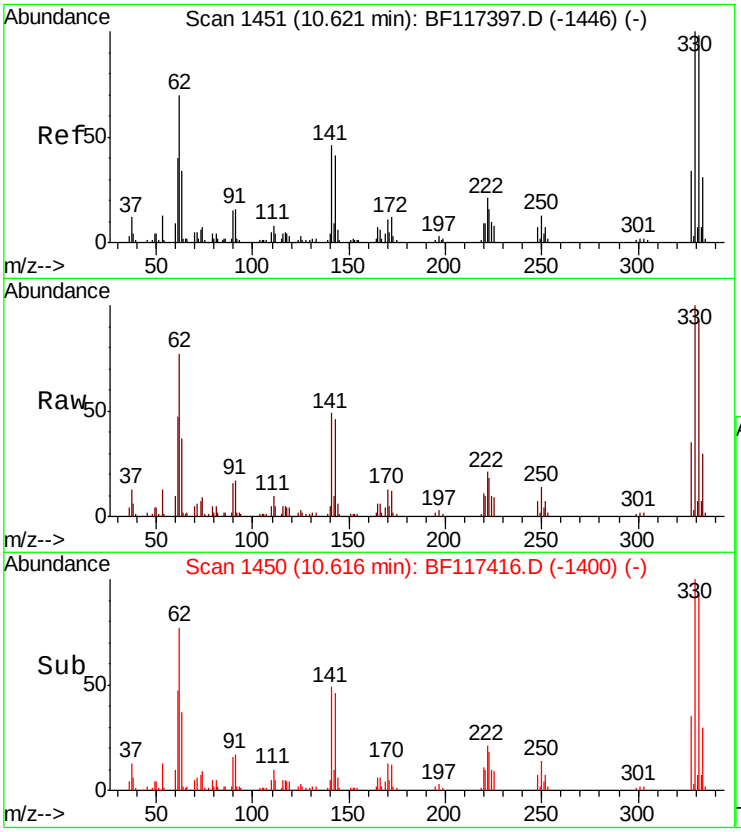


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:164 Resp: 90781

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	41.9	35.4	53.0



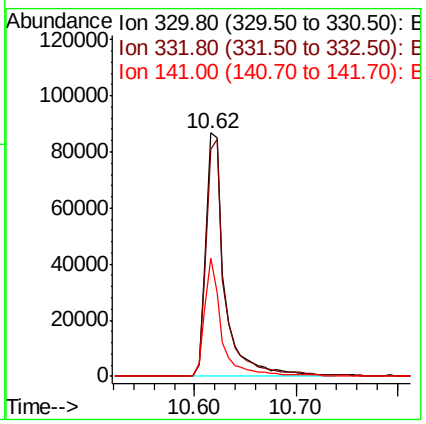


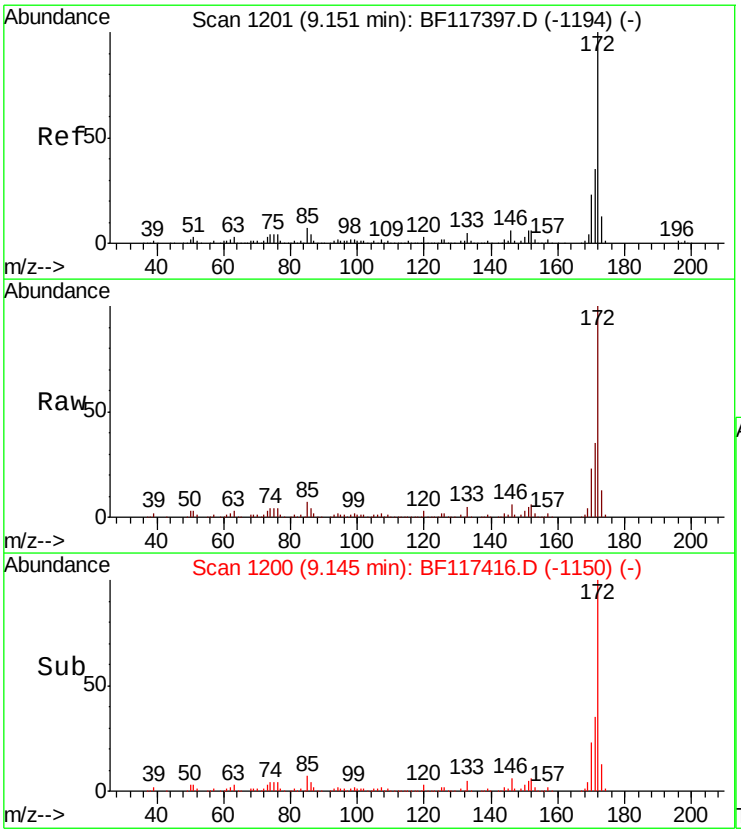
#42
2,4,6-Tribromophenol
Concen: 152.445 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:330 Resp: 112632

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.0	112.6
141	43.4	34.2	51.4

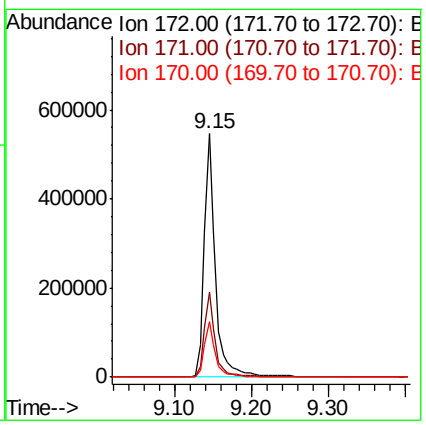


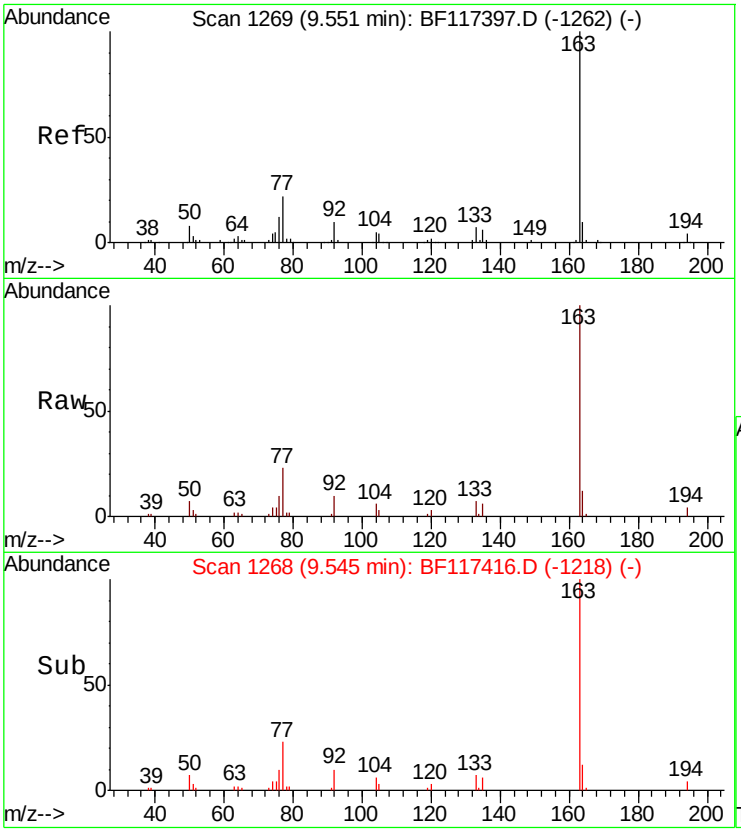


#45
2-Fluorobiphenyl
Concen: 89.456 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:172 Resp: 557033

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.9	18.2	27.2



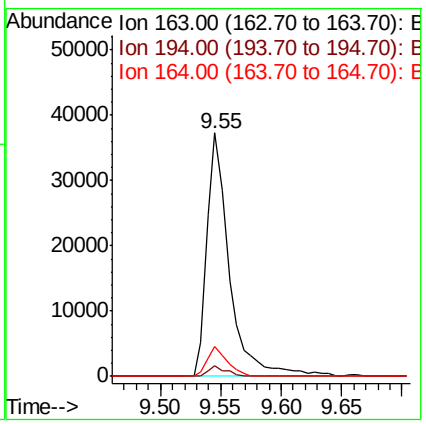


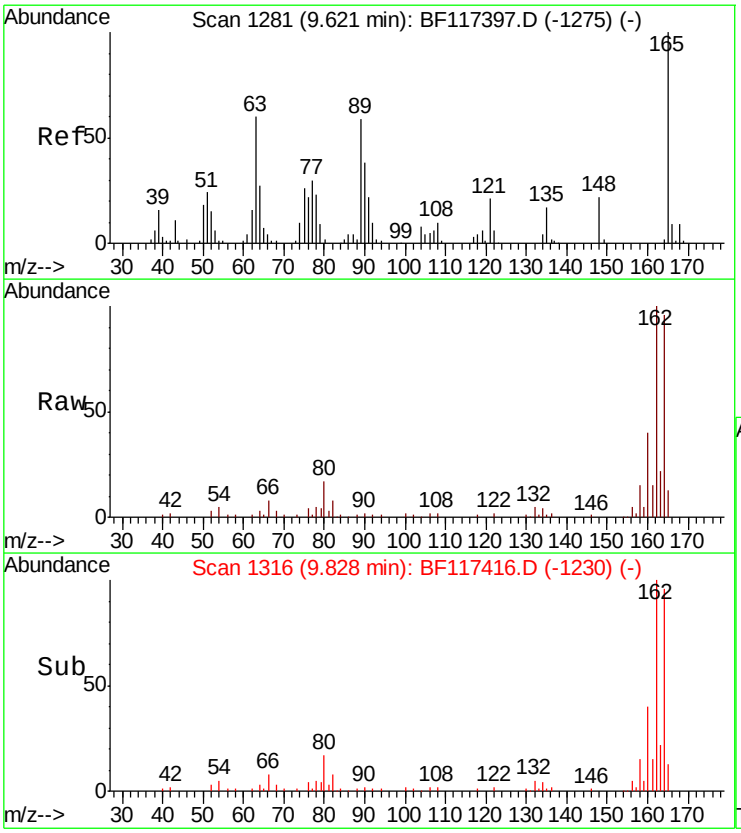
#50
Dimethylphthalate
Concen: 7.368 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:163 Resp: 48034

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	12.4	8.0	12.0#

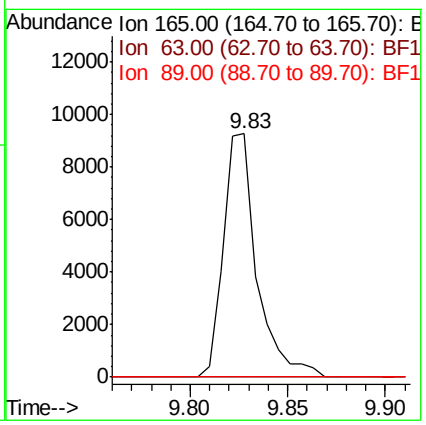


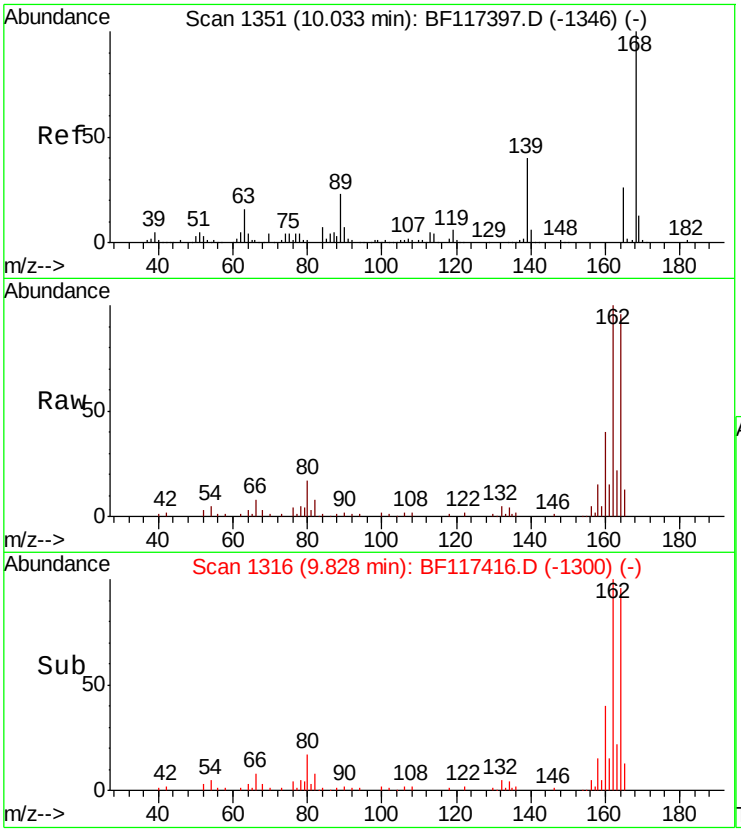


#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:165 Resp: 11013

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#



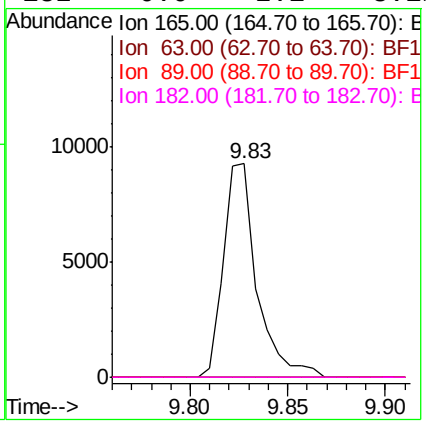


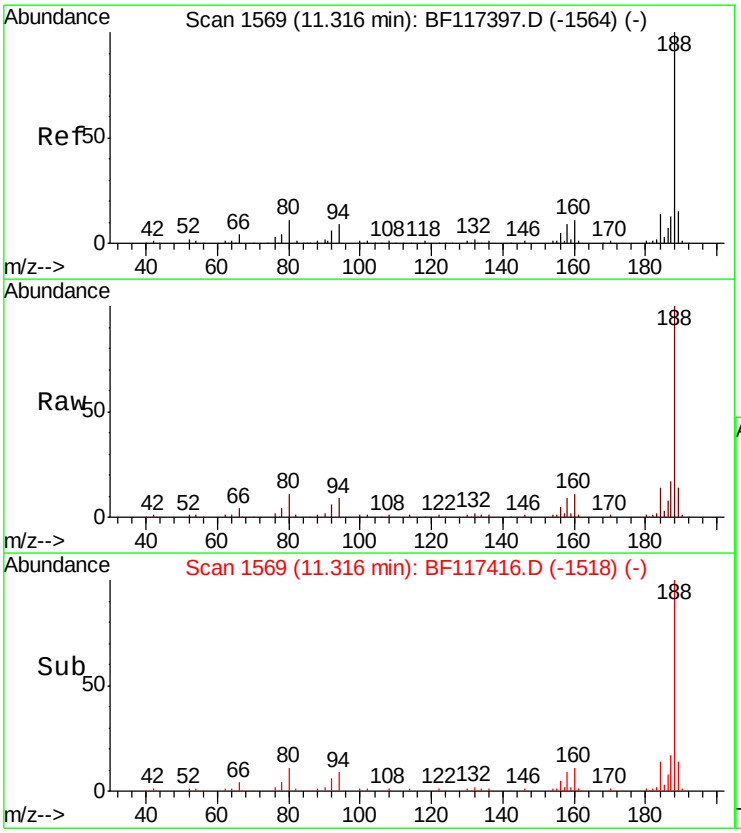
#57
2,4-Dinitrotoluene
Concen: 6.091 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:165 Resp: 11013

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
182	0.0	2.1	3.1#

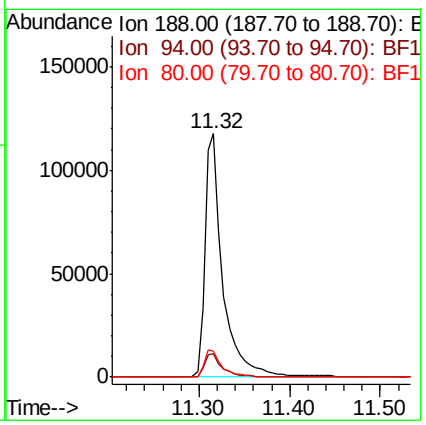


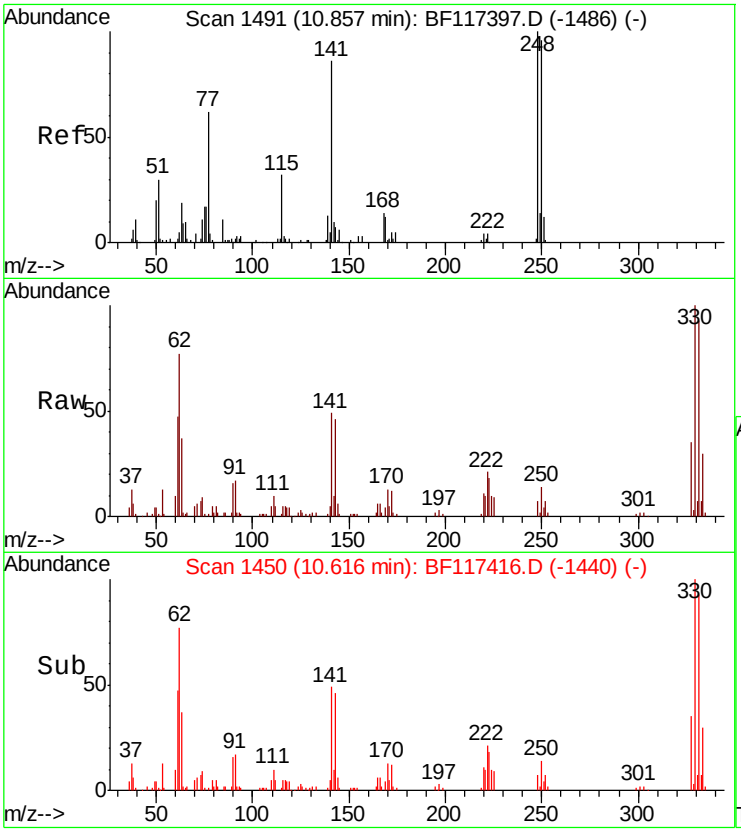


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:188 Resp: 162069

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.6	8.7	13.1



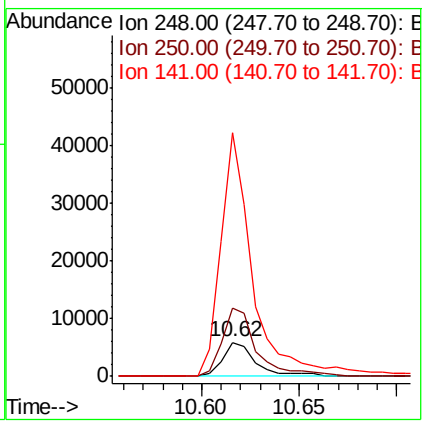


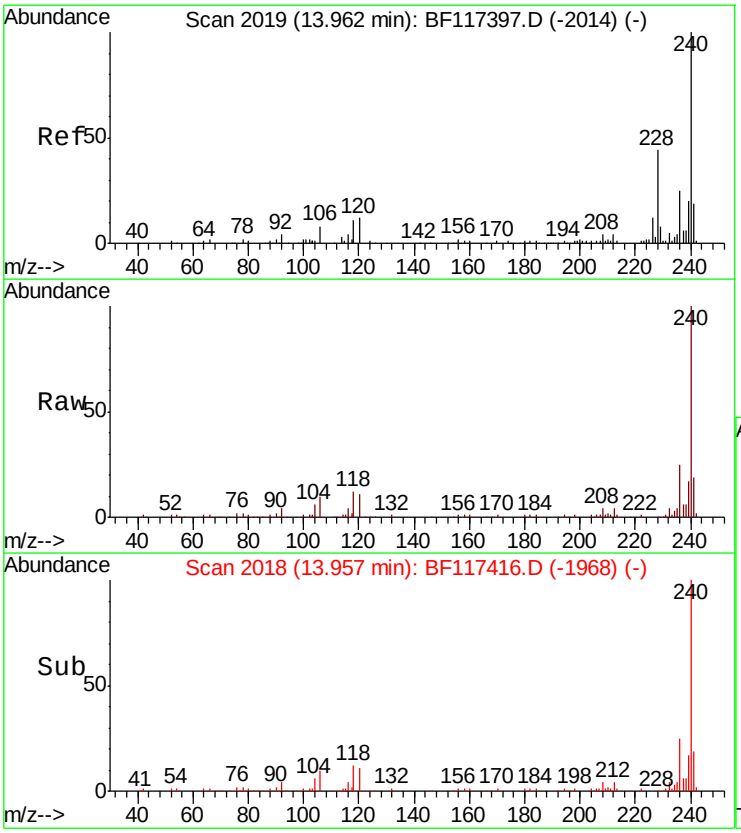
#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:248 Resp: 7005

Ion	Ratio	Lower	Upper
248	100		
250	197.9	77.1	115.7#
141	711.3	69.1	103.7#

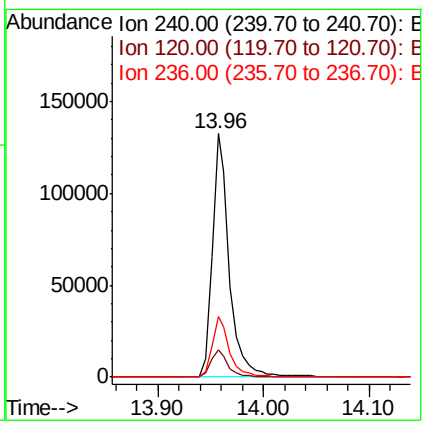


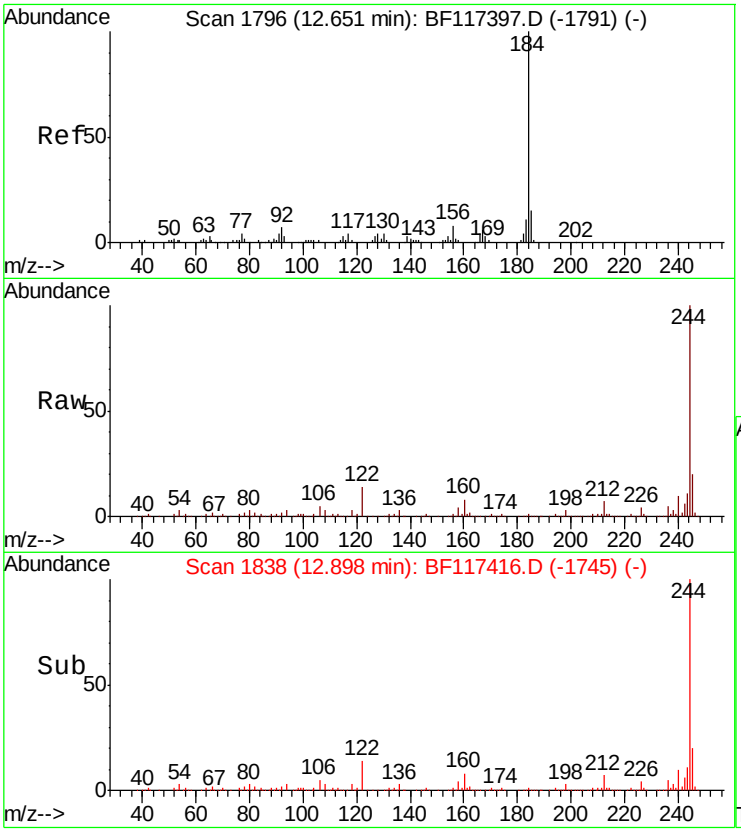


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:240 Resp: 150068

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.0
236	24.7	19.8	29.6



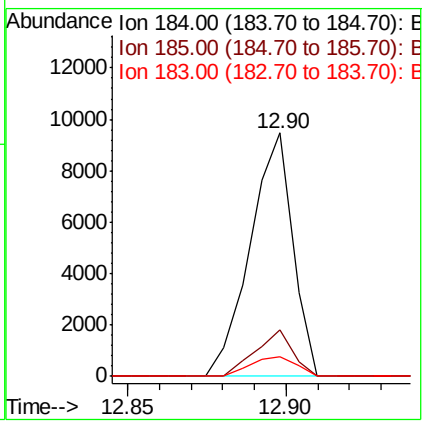


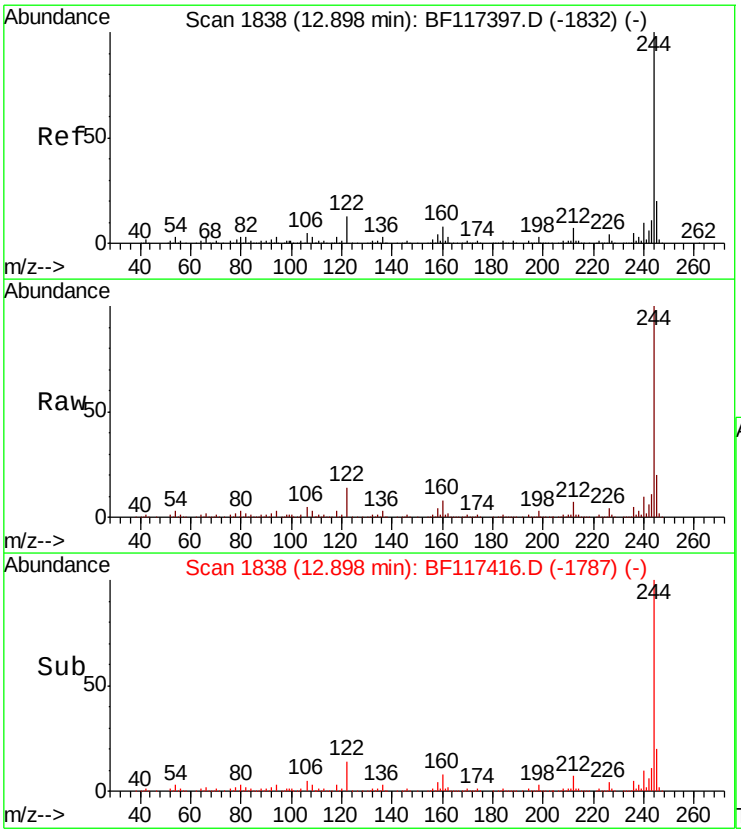
#77
Benzidine
Concen: 2.380 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:184 Resp: 8834

Ion	Ratio	Lower	Upper
184	100		
185	18.9	12.2	18.2#
183	8.3	8.9	13.3#

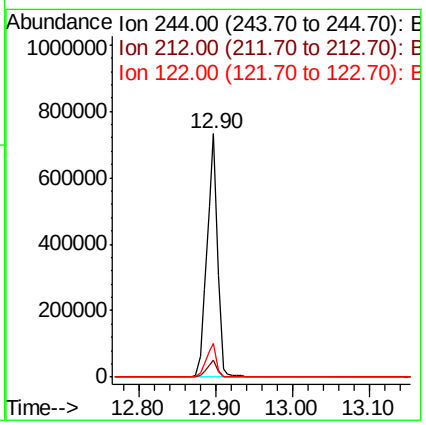


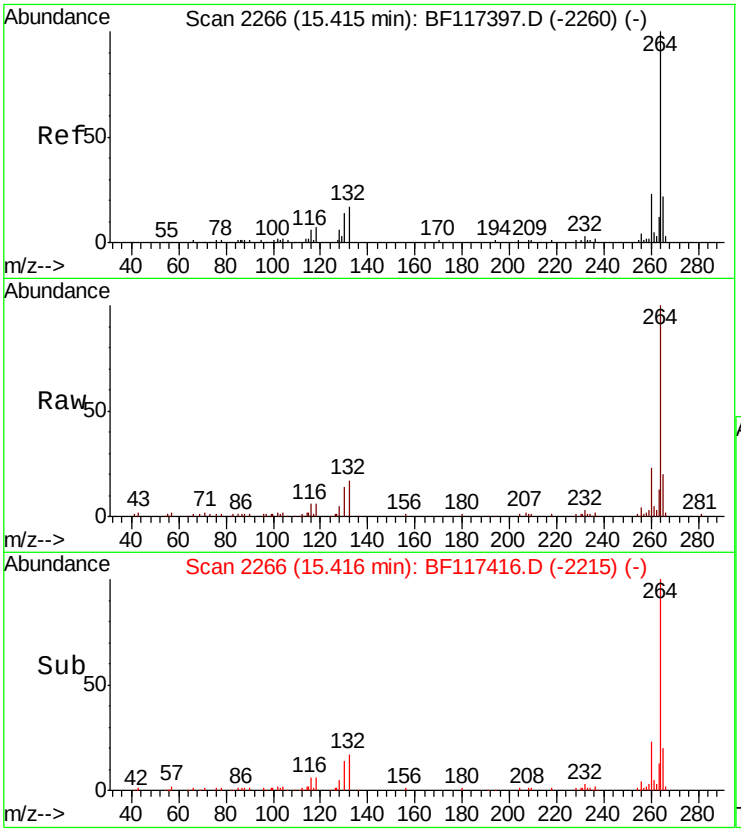


#79
Terphenyl-d14
Concen: 74.819 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:244 Resp: 688761

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	13.7	10.7	16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tgt Ion:264 Resp: 148673

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	19.9	17.4	26.0