Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116779.D
Acq On : 3 Sep 2019 18:19
Operator : HP/JU
Sample : K4554-40
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 01:27:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124290	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	502340	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	257186	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	422159	20.00	ng		0.00
76) Chrysene-d12	13.99	240	282037	20.00	ng		0.00
87) Perylene-d12	15.44	264	318775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	602511	78.53	ng		0.00
7) Phenol-d6	6.47	99	850176	84.39	ng		0.00
23) Nitrobenzene-d5	7.40	82	513919	58.40	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	146725	85.34	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	874707	57.37	ng		0.00
79) Terphenyl-d14	12.95	244	813984	53.39	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	30389	2.724	ng		86
19) n-Nitroso-di-n-propylamine	7.40	70	66382	10.008	ng	#	71
25) Isophorone	7.40	82	513911	28.822	ng	#	66
50) Dimethylphthalate	9.59	163	91256	5.139	ng		97
51) 2,6-Dinitrotoluene	9.88	165	33363	9.848	ng	#	20
57) 2,4-Dinitrotoluene	9.88	165	33363	8.054	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	324	7.627	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	8771	2.045	ng	#	1

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

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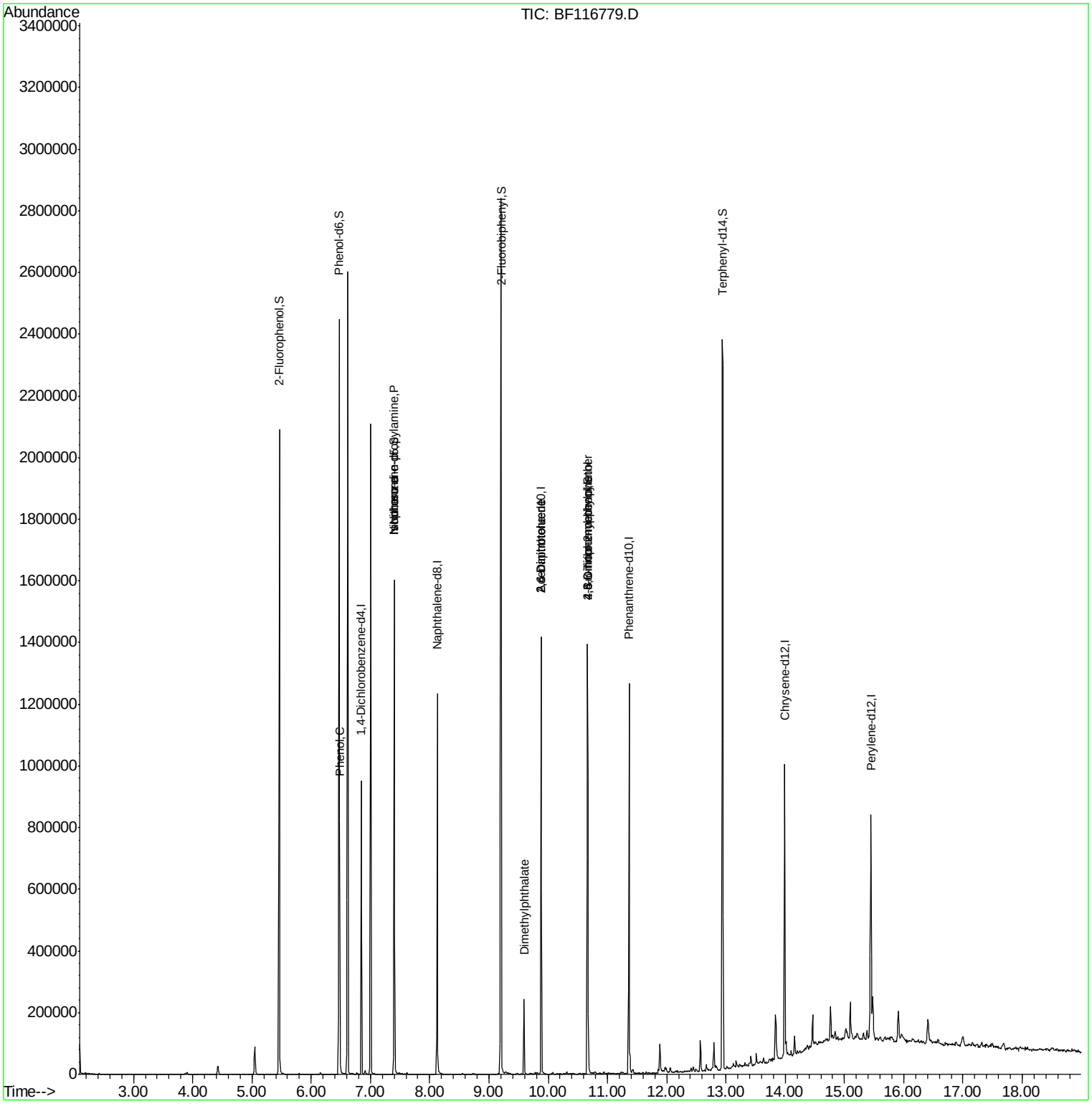
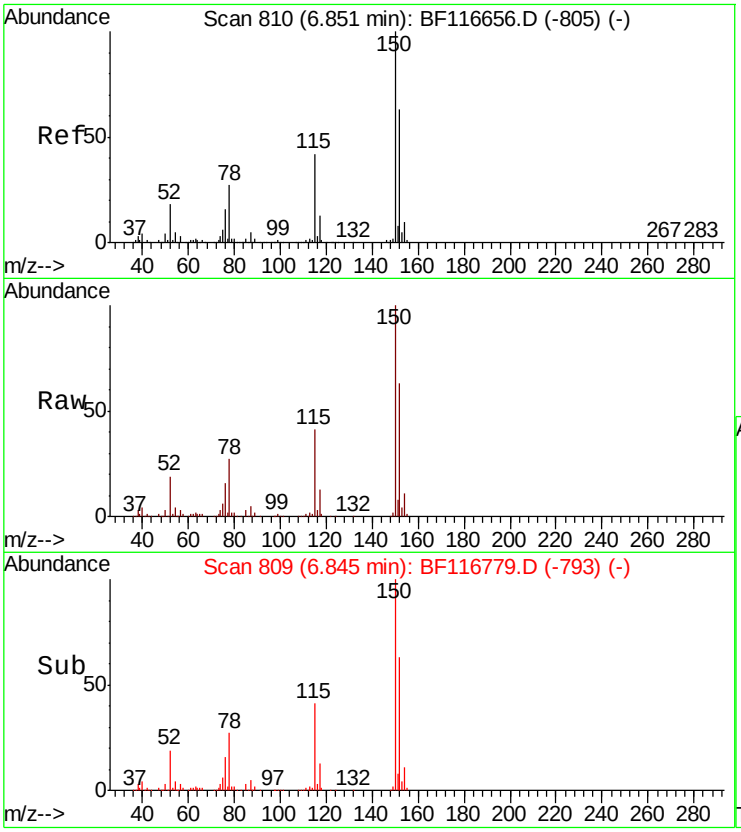


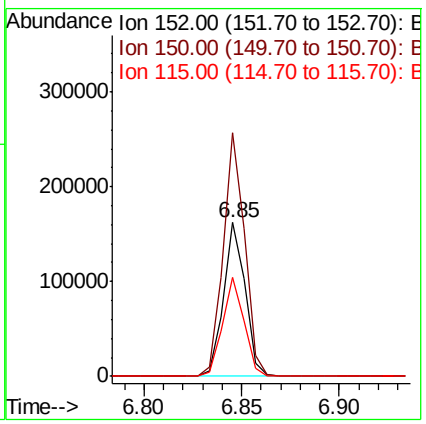


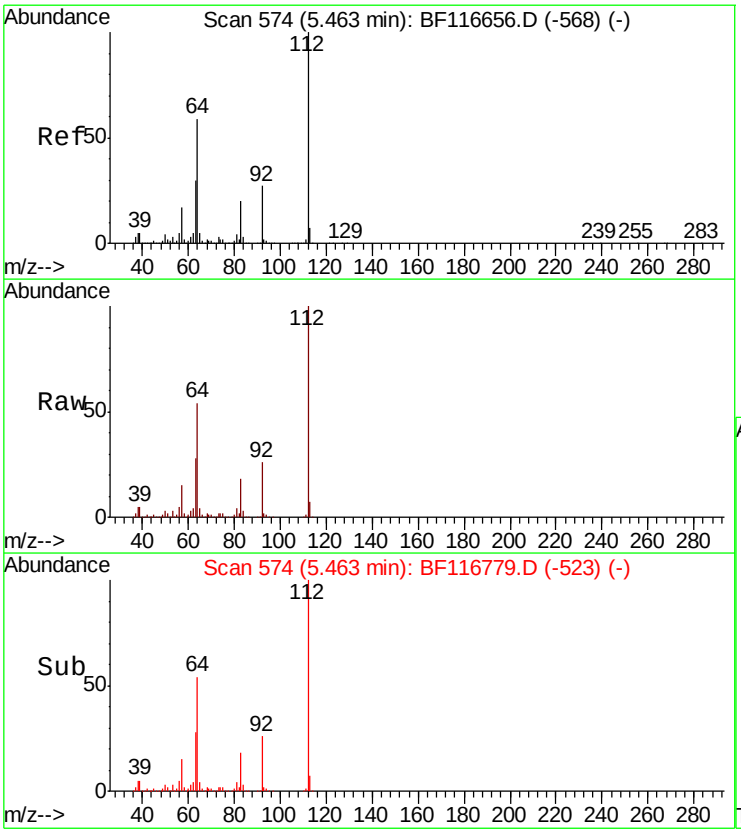
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124290

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.4	186.6
115	64.7	49.9	74.9

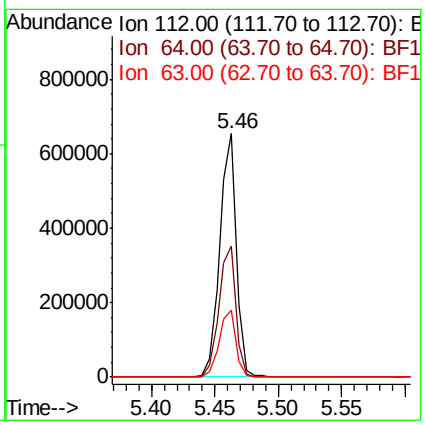


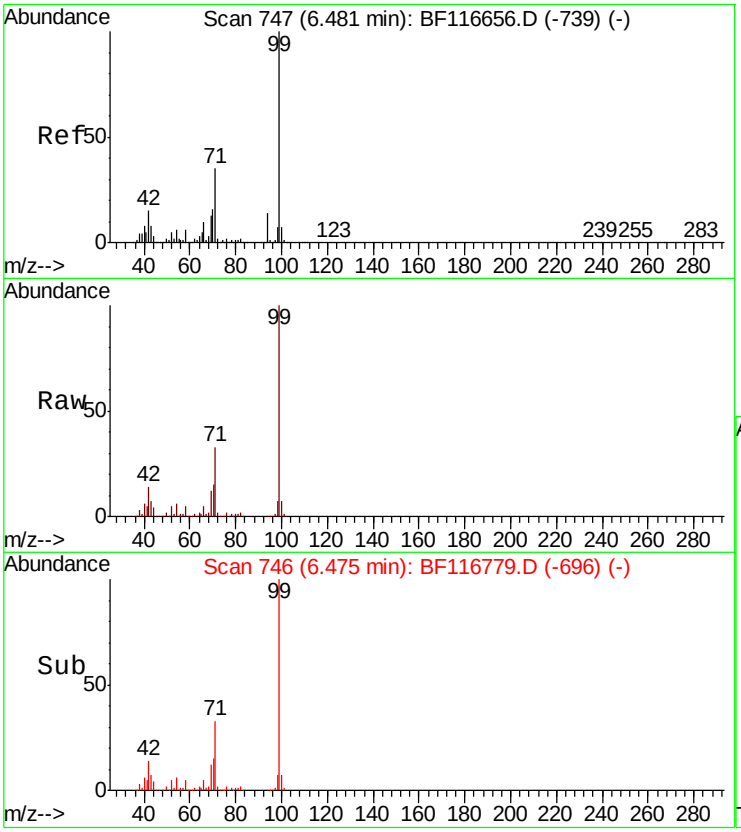


#5
2-Fluorophenol
Concen: 78.534 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:112 Resp: 602511

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.1	70.7
63	27.5	24.9	37.3



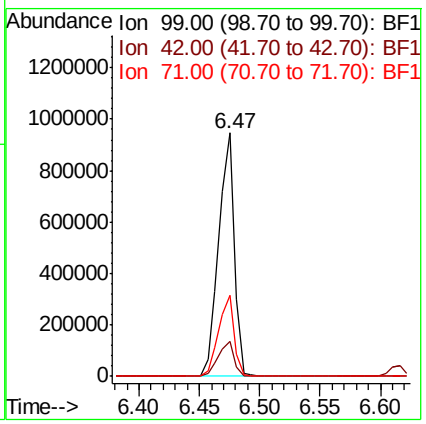


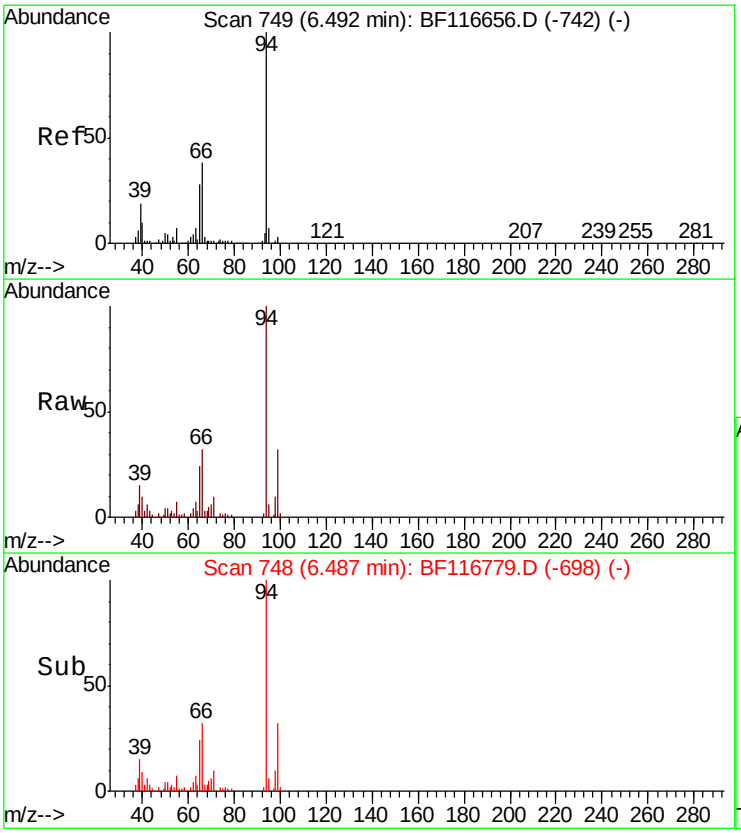
#7
Phenol-d6
Concen: 84.392 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 850176

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	33.3	30.8	46.2

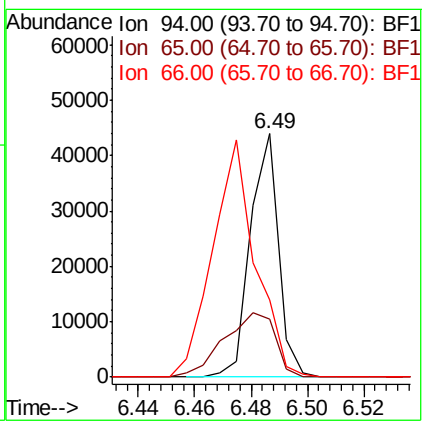


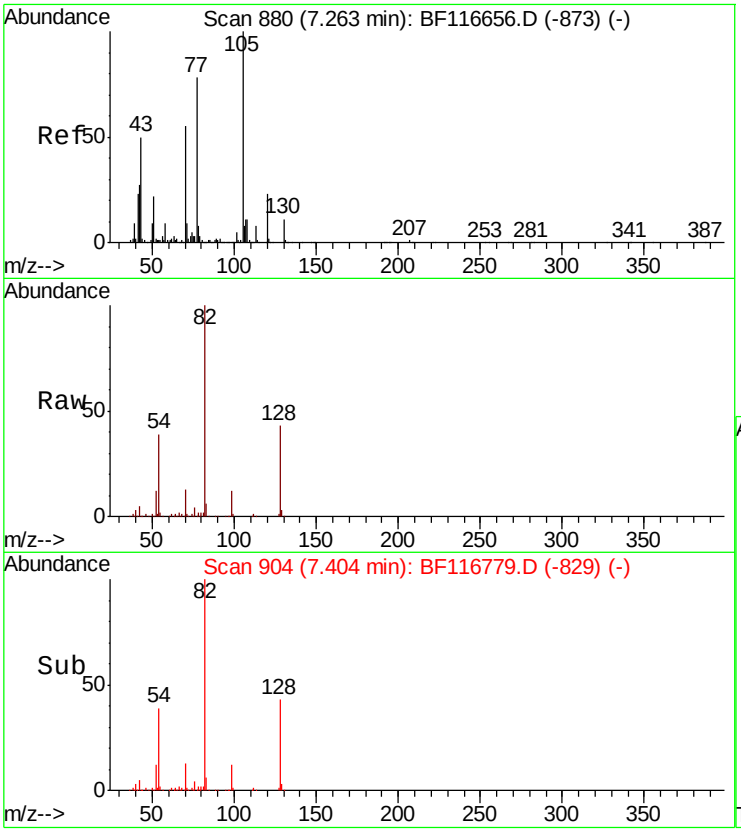


#10
Phenol
Concen: 2.724 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion: 94 Resp: 30389

Ion	Ratio	Lower	Upper
94	100		
65	24.1	10.8	50.8
66	31.6	21.1	61.1



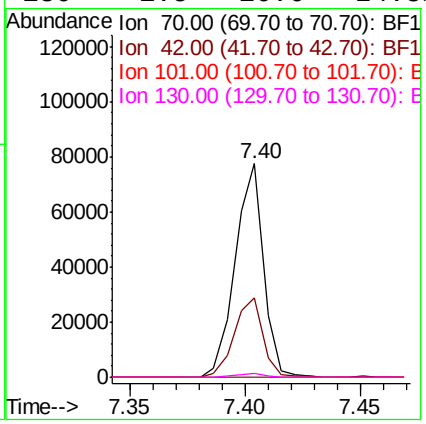


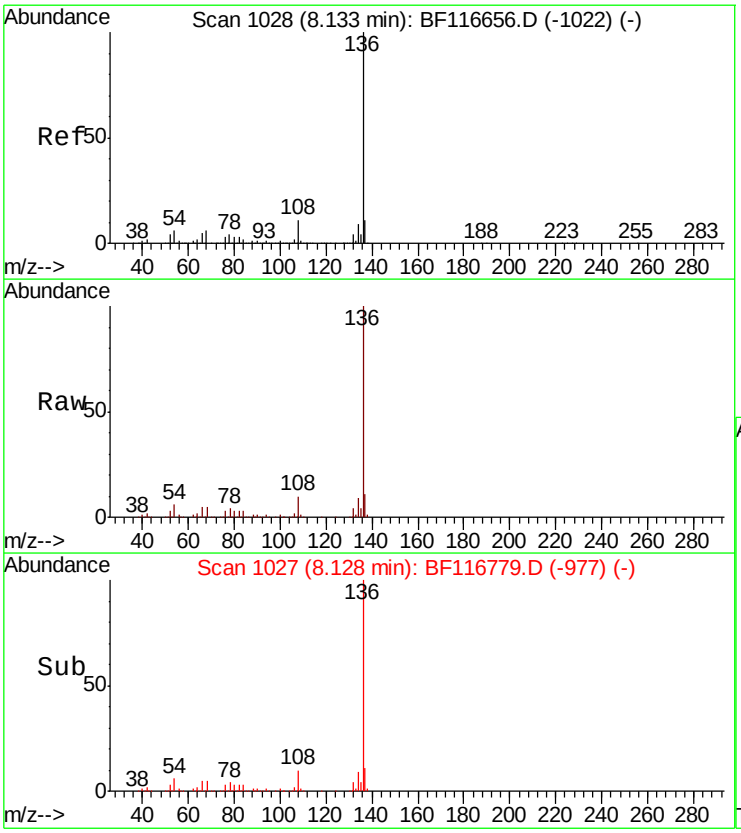
#19
n-Nitroso-di-n-propylamine
Concen: 10.008 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66382

Ion	Ratio	Lower	Upper
70	100		
42	37.1	43.5	65.3#
101	0.0	7.8	11.6#
130	1.5	16.6	24.8#

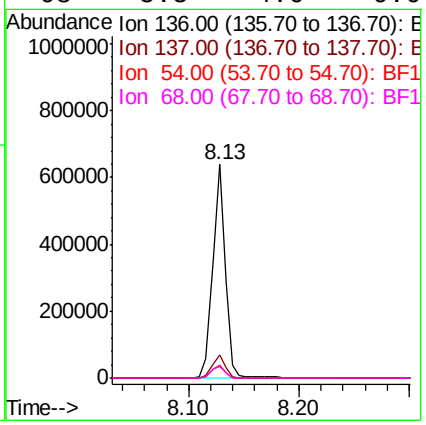


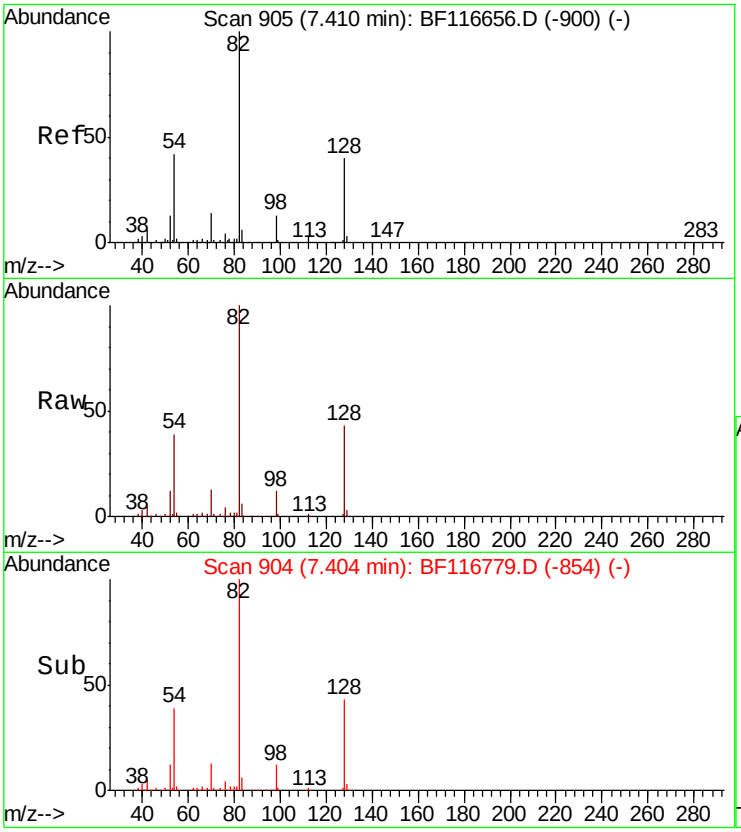


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:136 Resp: 502340

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	4.8	7.2
68	5.5	4.0	6.0



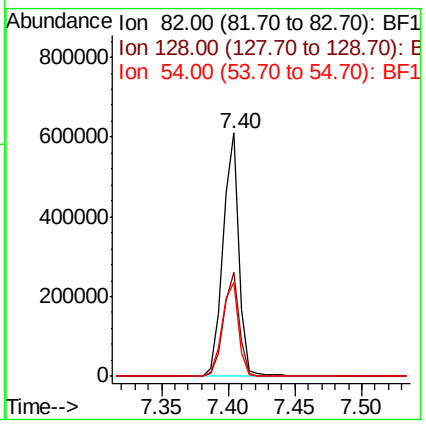


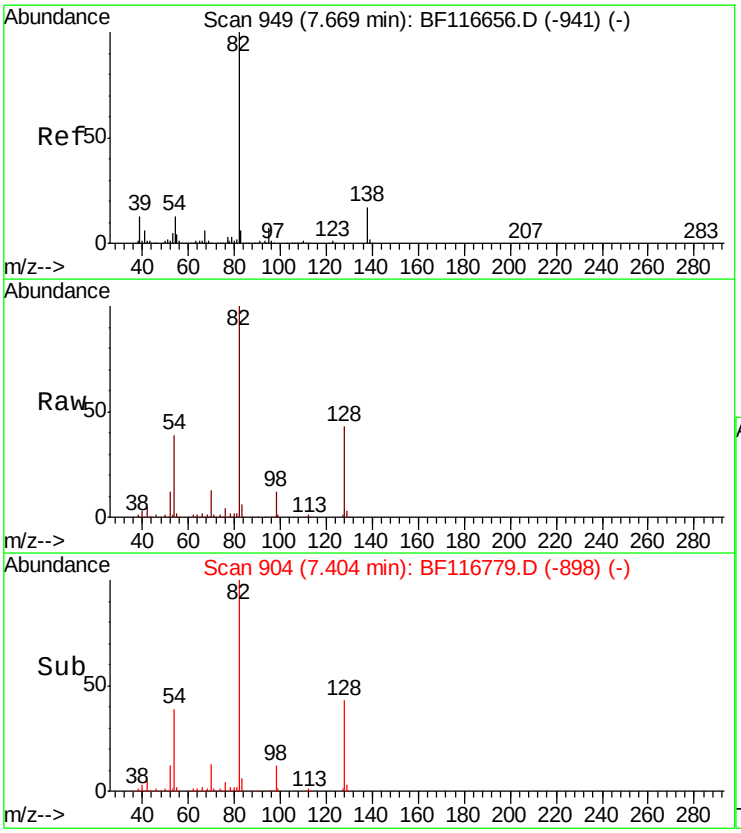
#23
Nitrobenzene-d5
Concen: 58.403 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 513919

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.8	49.2
54	38.6	36.9	55.3

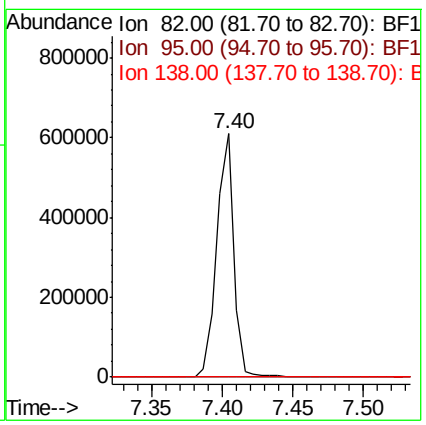


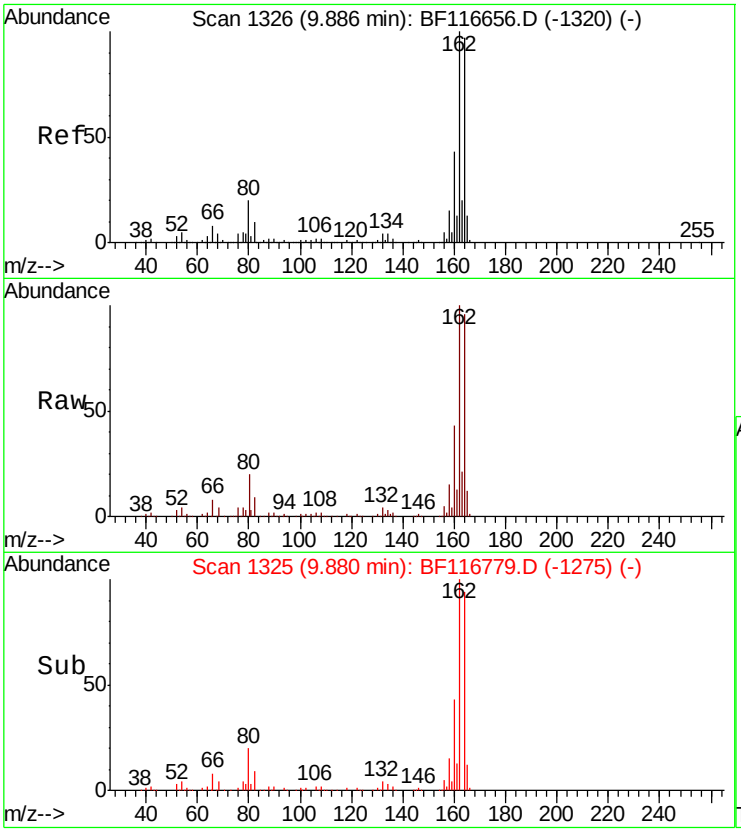


#25
Isophorone
Concen: 28.822 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion: 82 Resp: 513911

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



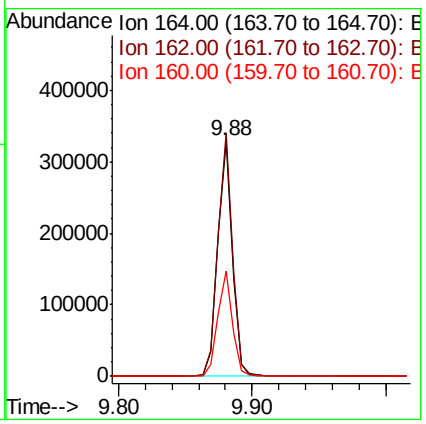


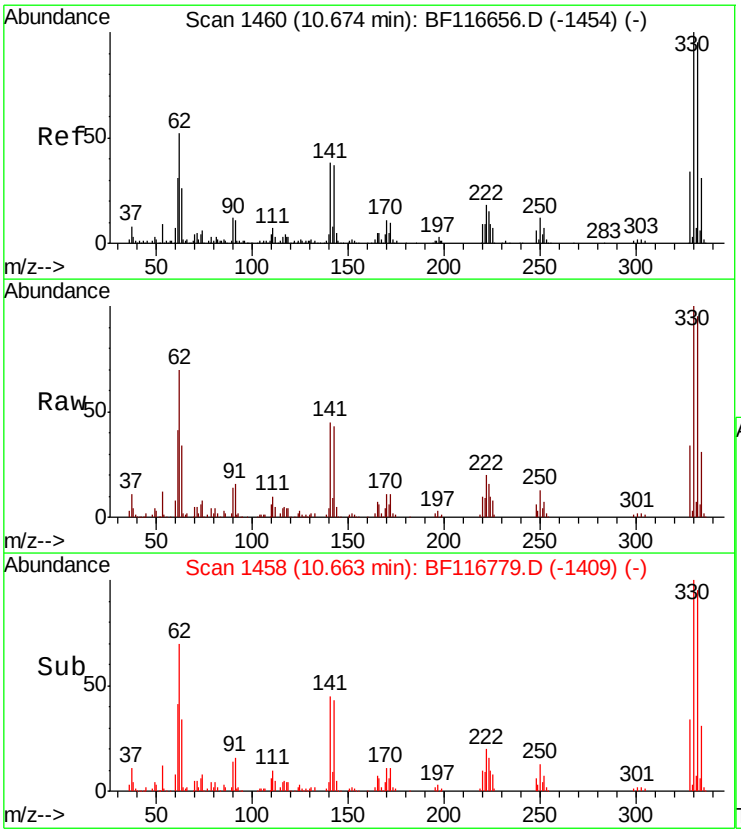
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 257186

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.0
160	44.8	35.4	53.2

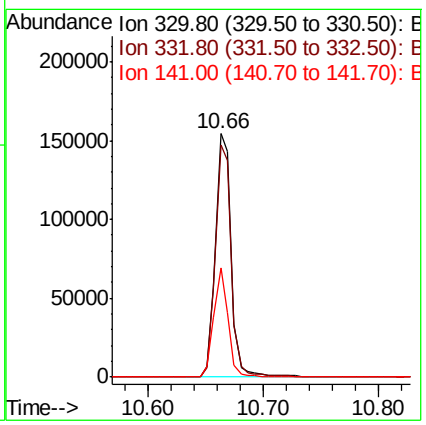


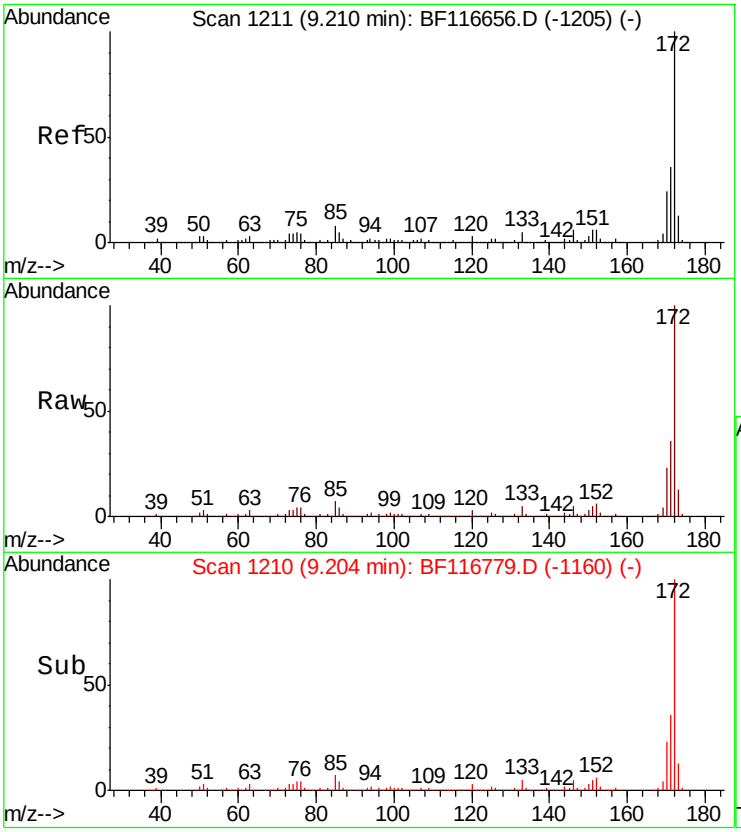


#42
2,4,6-Tribromophenol
Concen: 85.338 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:330 Resp: 146725

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	40.6	31.4	47.2



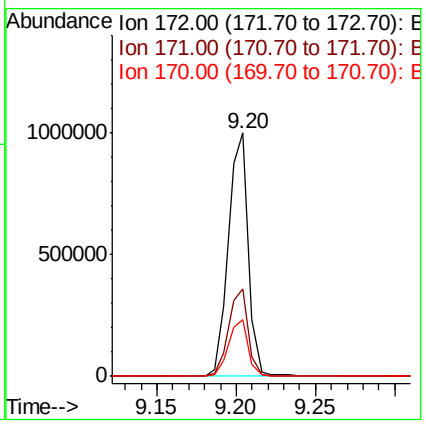


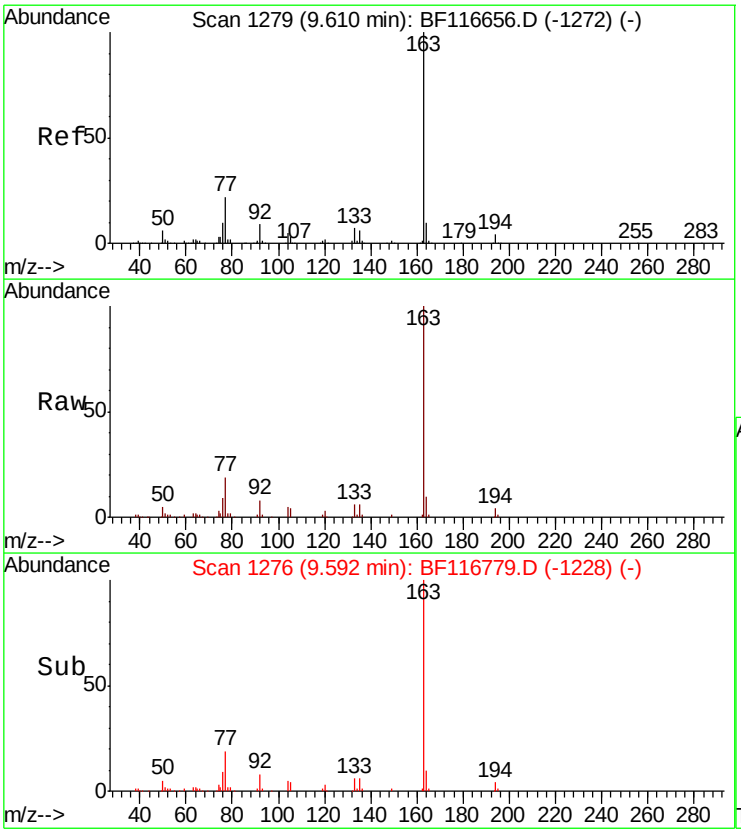
#45
2-Fluorobiphenyl
Concen: 57.372 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 874707

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.4	18.9	28.3

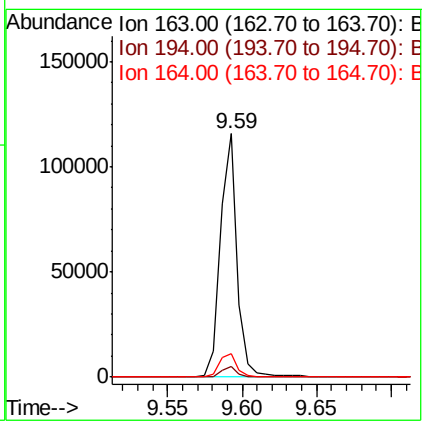


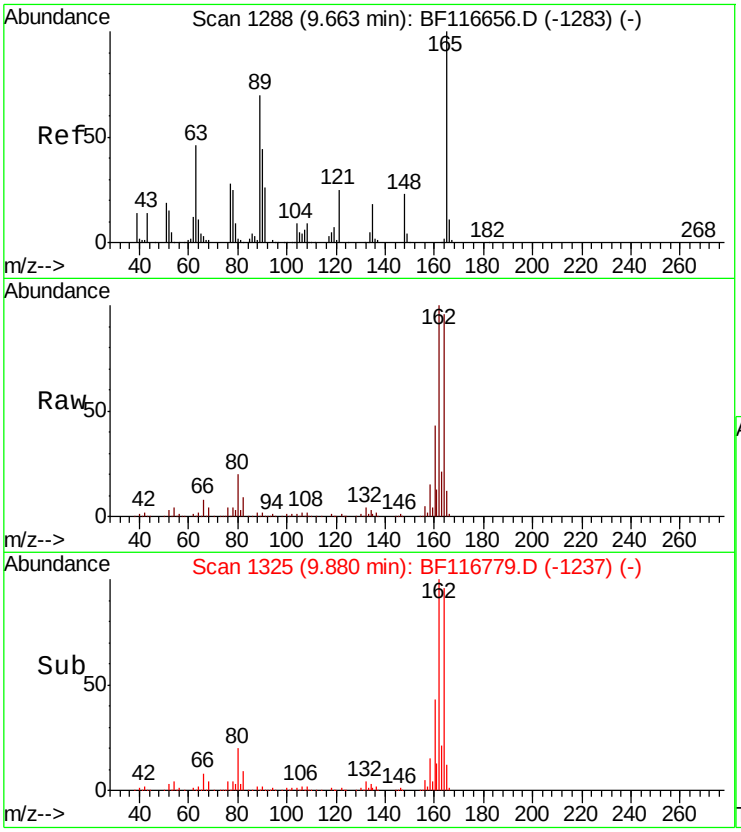


#50
Dimethylphthalate
Concen: 5.139 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:163 Resp: 91256

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.5	8.6	12.8



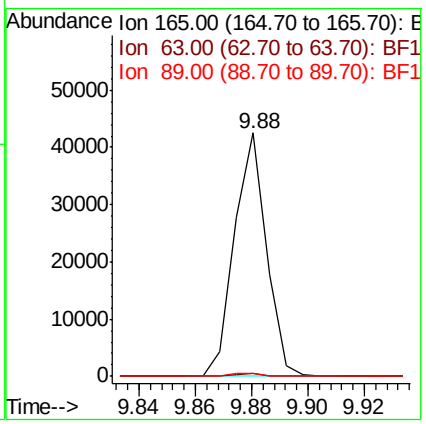


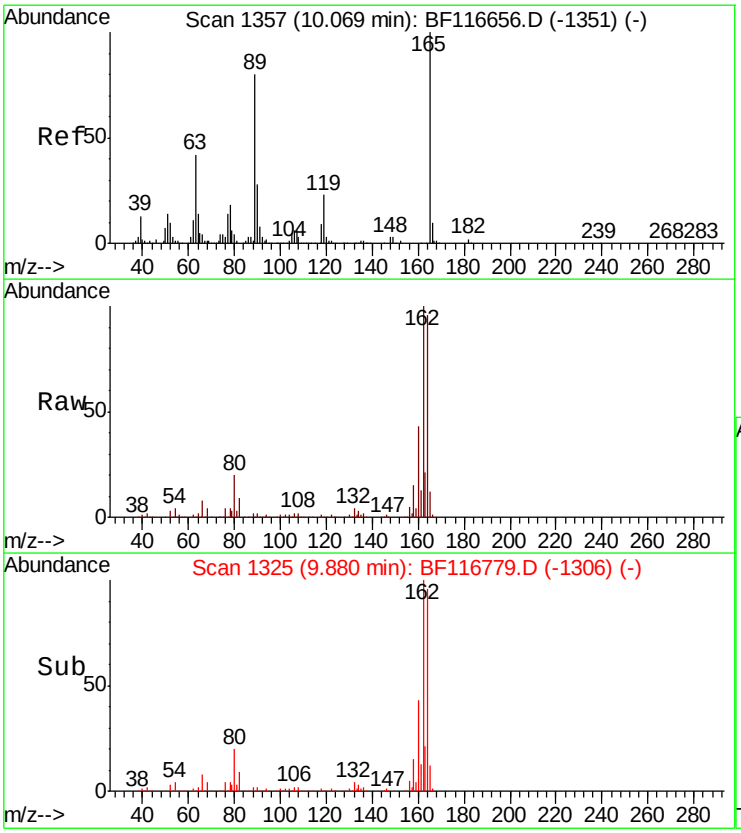
#51
2,6-Dinitrotoluene
Concen: 9.848 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33363

Ion	Ratio	Lower	Upper
165	100		
63	1.0	47.3	70.9#
89	1.0	52.5	78.7#

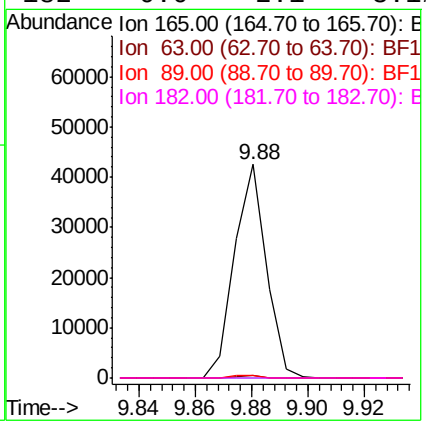


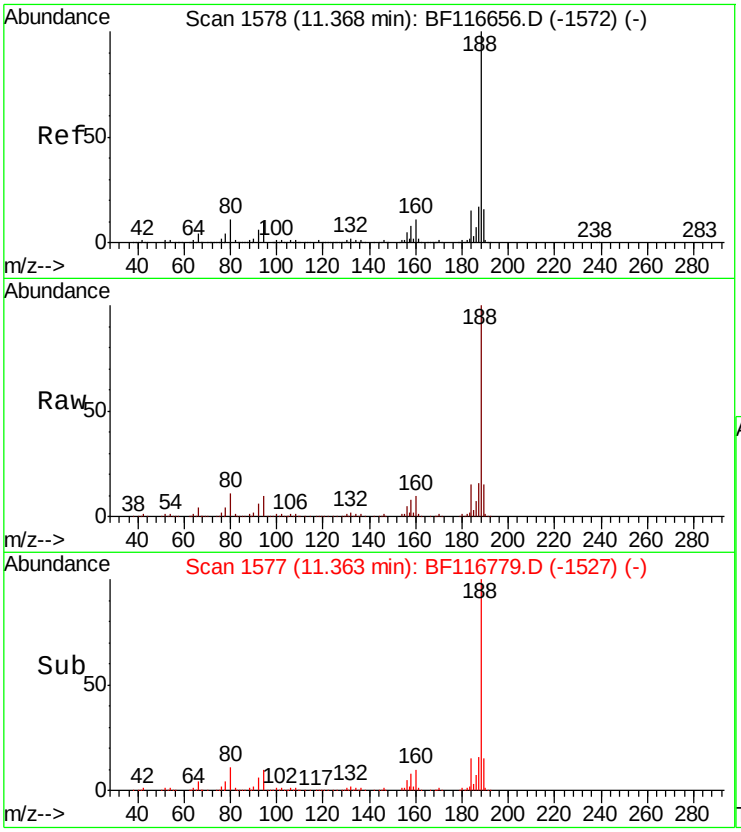


#57
2,4-Dinitrotoluene
Concen: 8.054 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:165 Resp: 33363

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.0	62.6	94.0#
182	0.0	2.1	3.1#



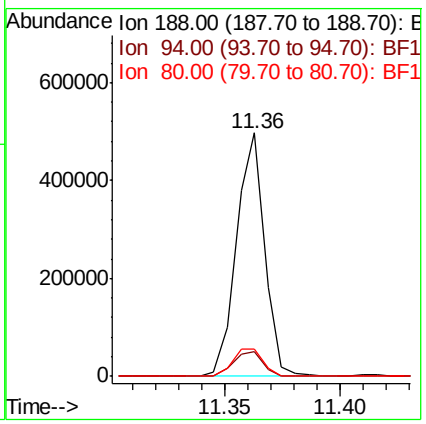


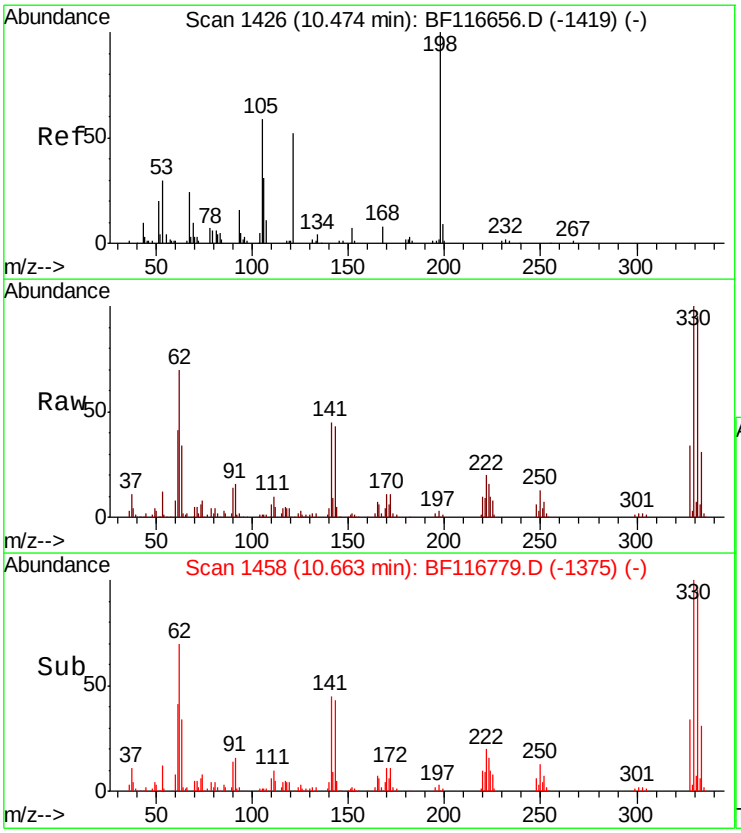
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 422159

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.3	10.9
80	11.3	8.4	12.6

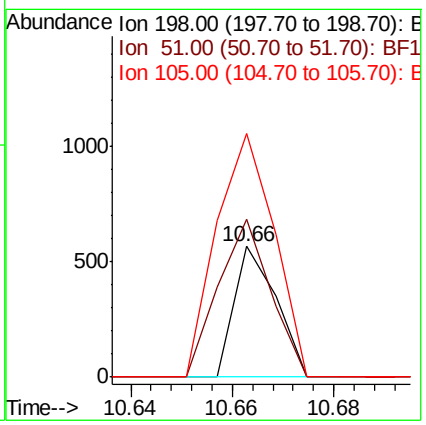


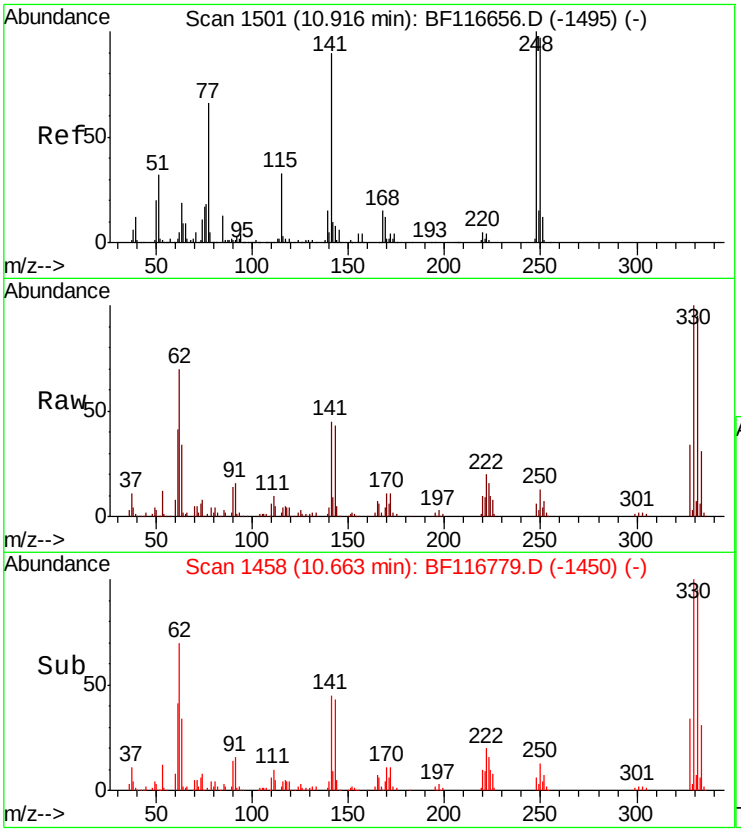


#65
4,6-Dinitro-2-methylphenol
Concen: 7.627 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:198 Resp: 324

Ion	Ratio	Lower	Upper
198	100		
51	120.9	18.4	58.4#
105	186.5	22.9	62.9#



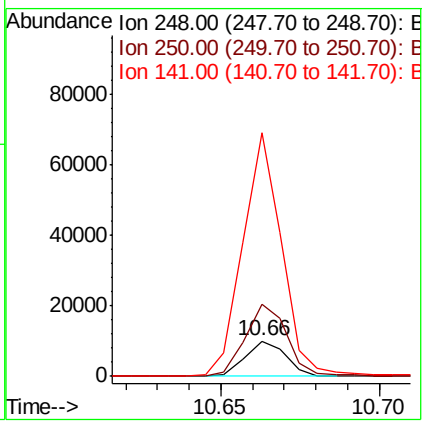


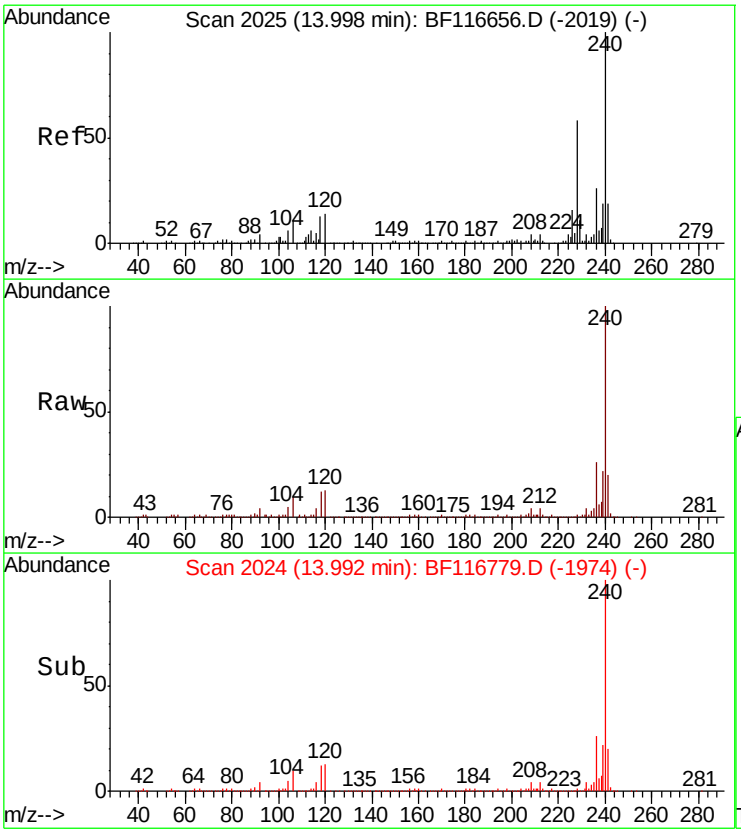
#67
4-Bromophenyl-phenylether
Concen: 2.045 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8771

Ion	Ratio	Lower	Upper
248	100		
250	205.5	77.8	116.8#
141	696.4	75.9	113.9#

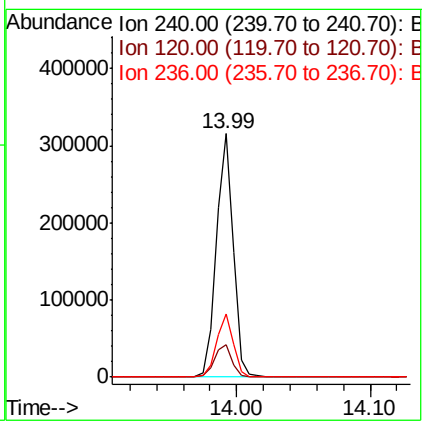


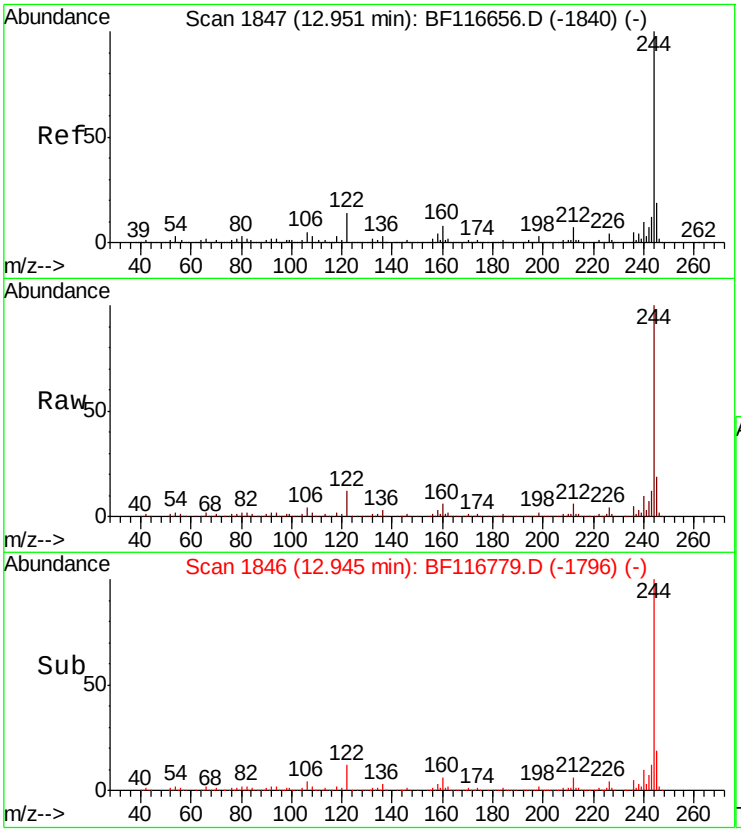


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:240 Resp: 282037

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.1	13.7
236	26.0	21.1	31.7



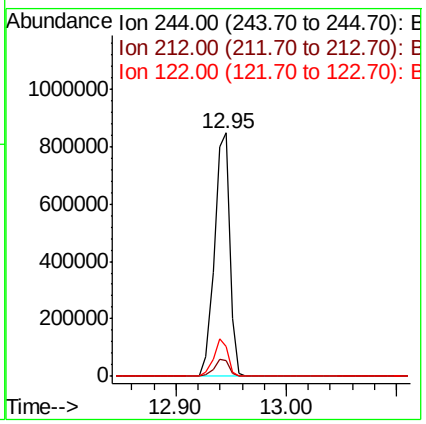


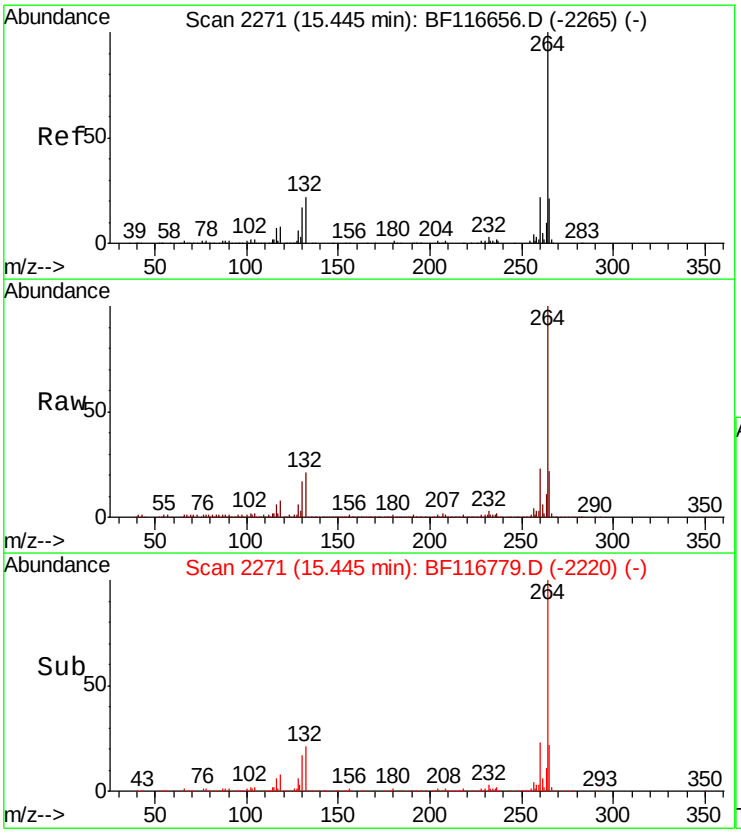
#79
Terphenyl-d14
Concen: 53.391 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 813984

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	12.1	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116779.D
Acq: 3 Sep 2019 18:19

Tgt Ion:264 Resp: 318775

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.9	16.5	24.7