Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116796.D
Acq On : 4 Sep 2019 2:47
Operator : HP/JU
Sample : K4323-37
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 06:08:06 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	128671	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	504583	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	267540	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	451091	20.00	ng		0.00
76) Chrysene-d12	13.99	240	306175	20.00	ng		0.00
87) Perylene-d12	15.44	264	311750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	901413	113.49	ng		0.01
7) Phenol-d6	6.48	99	1107822	106.22	ng		0.00
23) Nitrobenzene-d5	7.40	82	816775	92.41	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	278672	155.81	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1361424	85.84	ng		0.00
79) Terphenyl-d14	12.95	244	1453804	87.84	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	108284	15.769	ng	#	73
25) Isophorone	7.40	82	816762	45.603	ng	#	66
51) 2,6-Dinitrotoluene	9.88	165	33700	9.563	ng	#	20
57) 2,4-Dinitrotoluene	9.88	165	33700	7.821	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.67	198	457	7.683	ng	#	1
67) 4-Bromophenyl-phenylether	10.67	248	17795	3.883	ng	#	1

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

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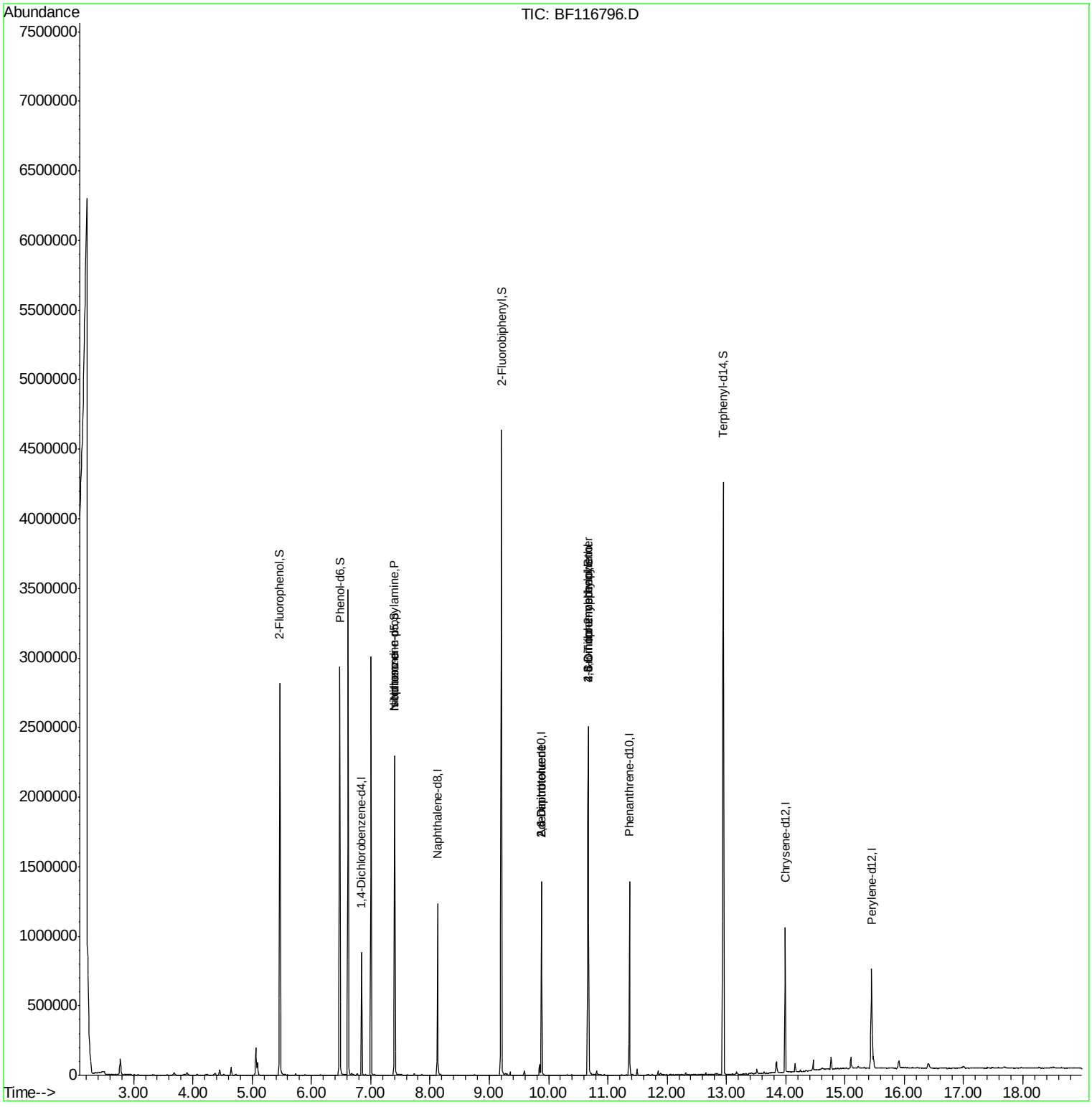
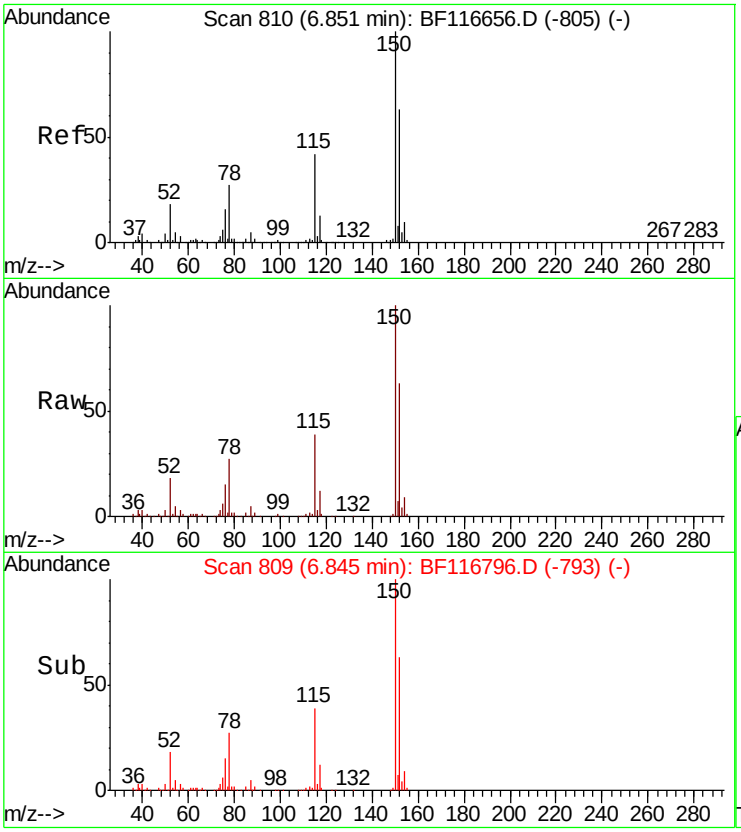


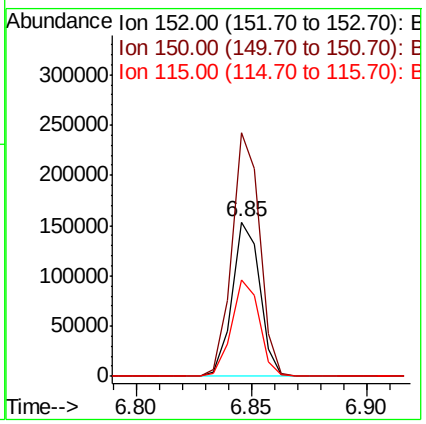


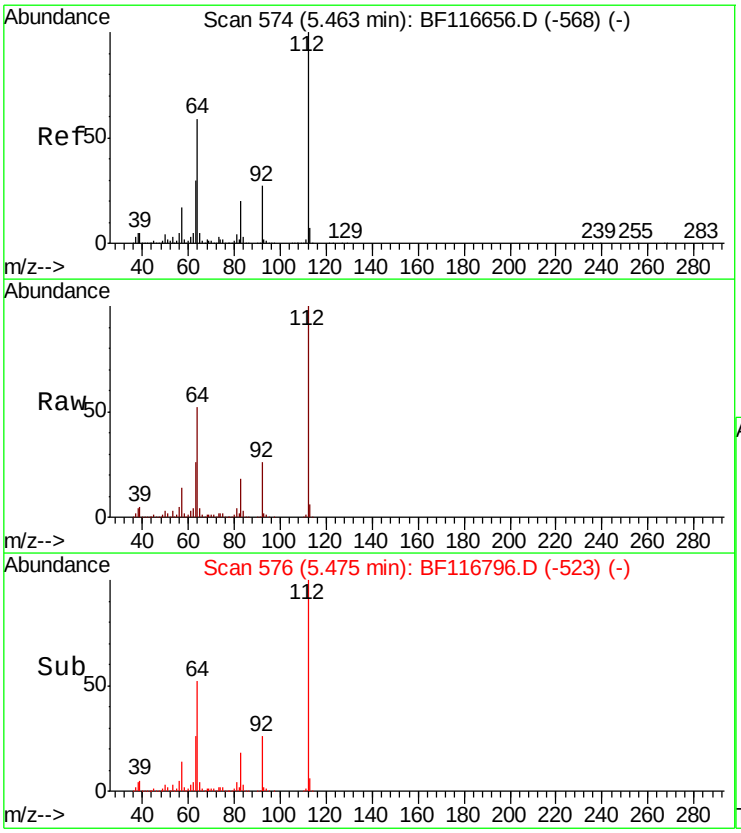
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128671

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.4	186.6
115	62.2	49.9	74.9

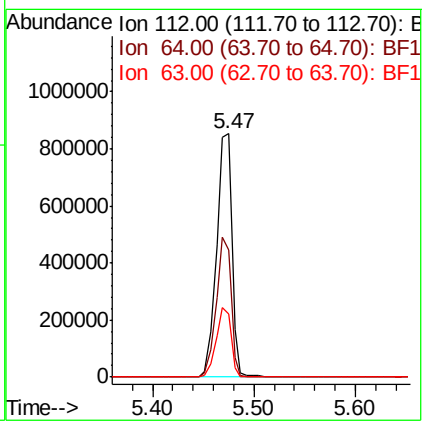


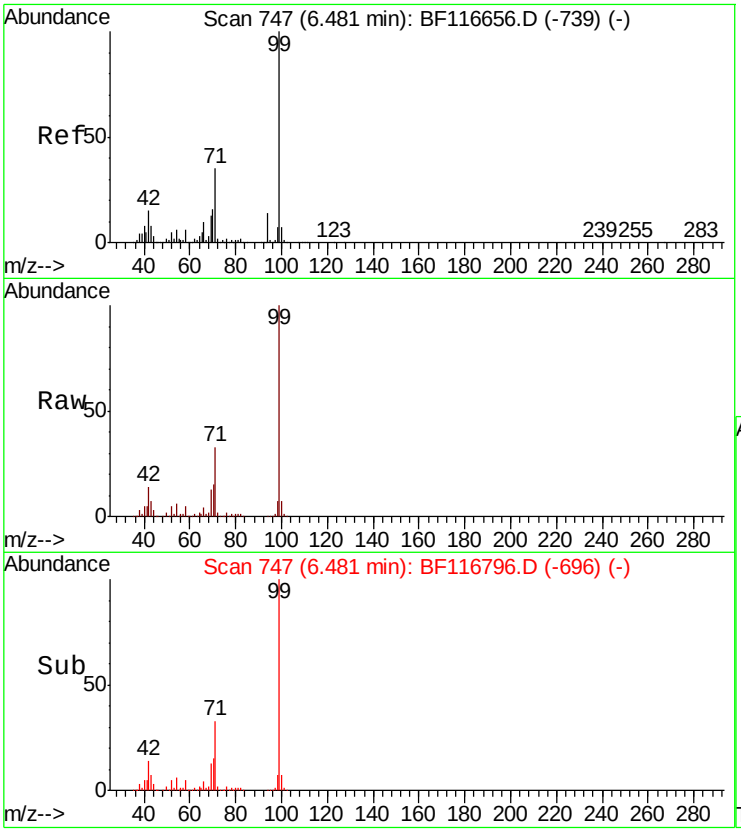


#5
2-Fluorophenol
Concen: 113.494 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:112 Resp: 901413

Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.1	70.7
63	26.2	24.9	37.3



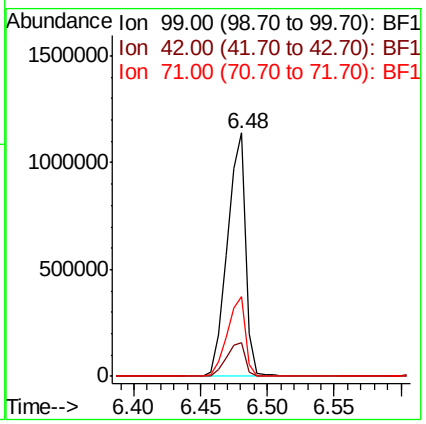


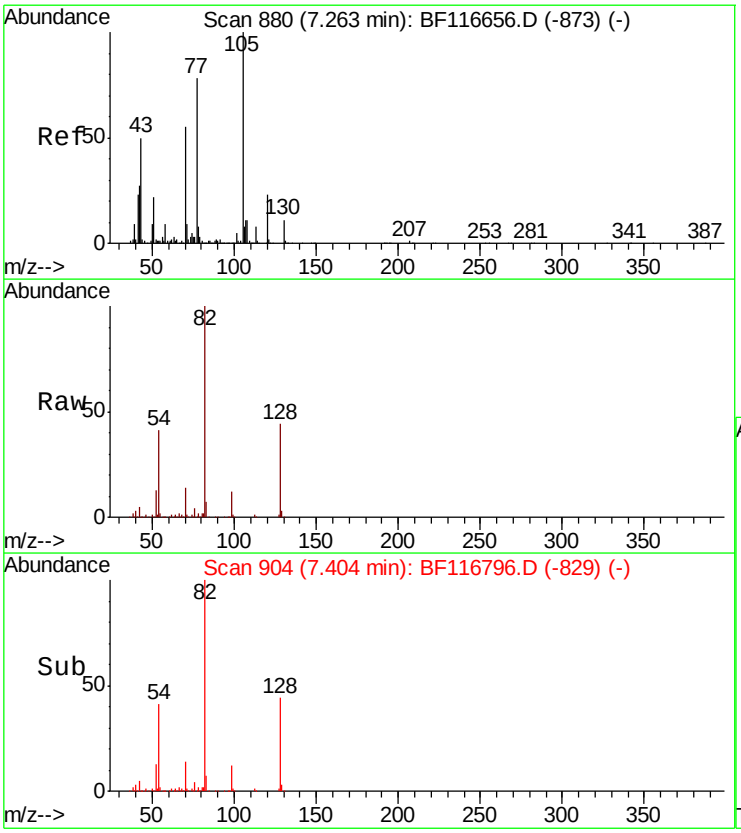
#7
Phenol-d6
Concen: 106.223 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1107822

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	32.6	30.8	46.2

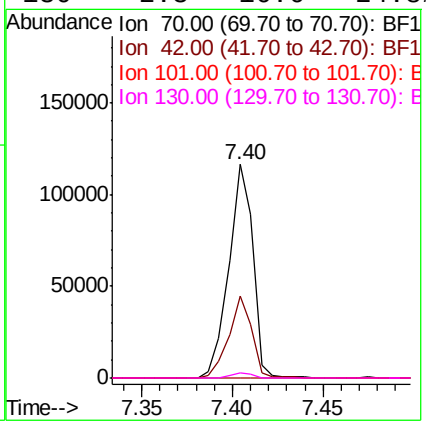


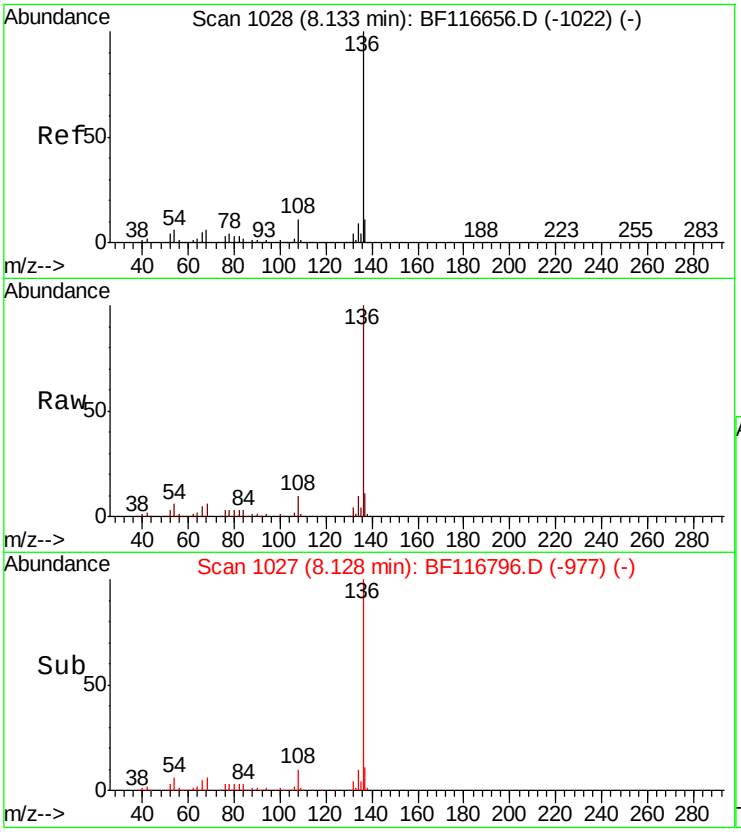


#19
n-Nitroso-di-n-propylamine
Concen: 15.769 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion: 70 Resp: 108284

Ion	Ratio	Lower	Upper
70	100		
42	38.2	43.5	65.3#
101	0.0	7.8	11.6#
130	2.3	16.6	24.8#



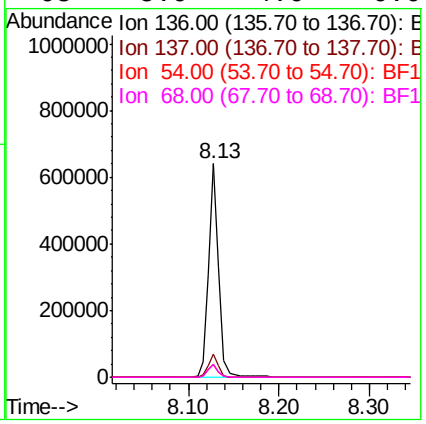


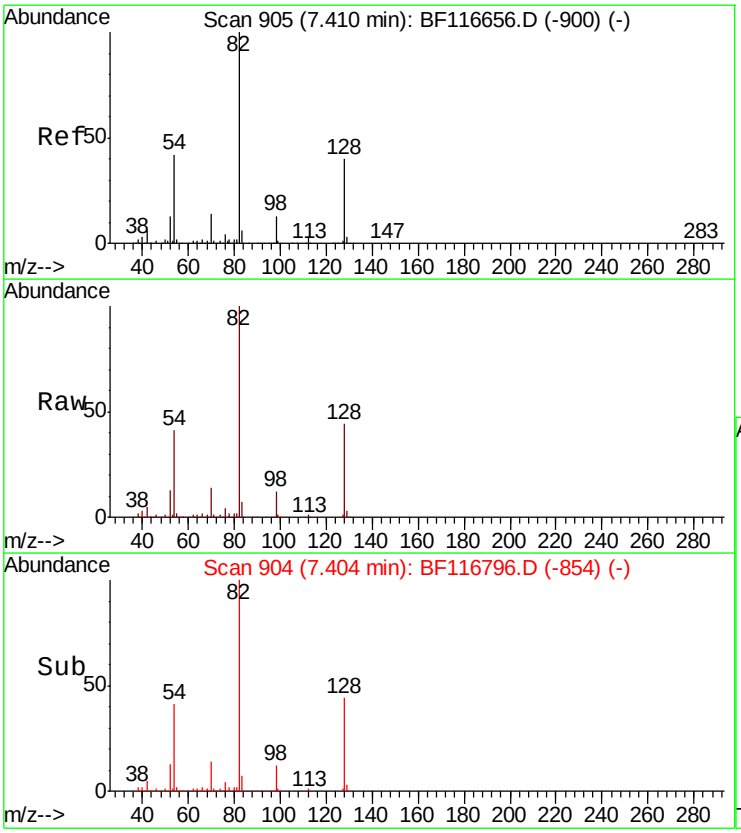
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 504583

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.9	4.8	7.2
68	5.9	4.0	6.0

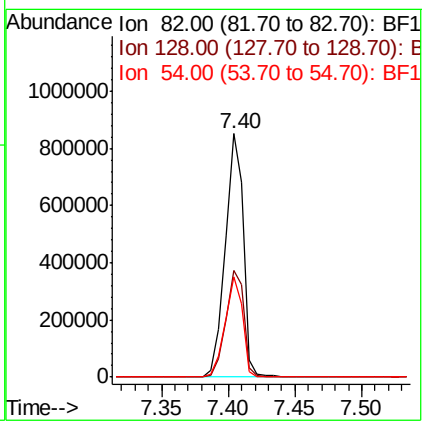


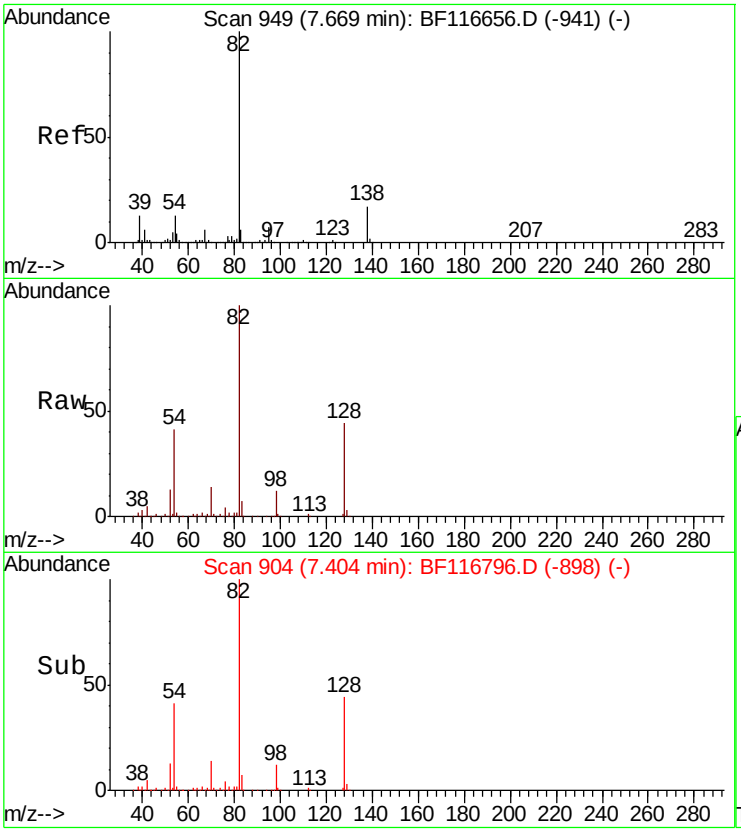


#23
Nitrobenzene-d5
Concen: 92.408 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion: 82 Resp: 816775

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	41.4	36.9	55.3



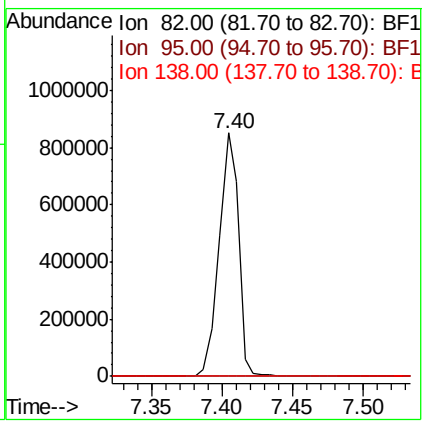


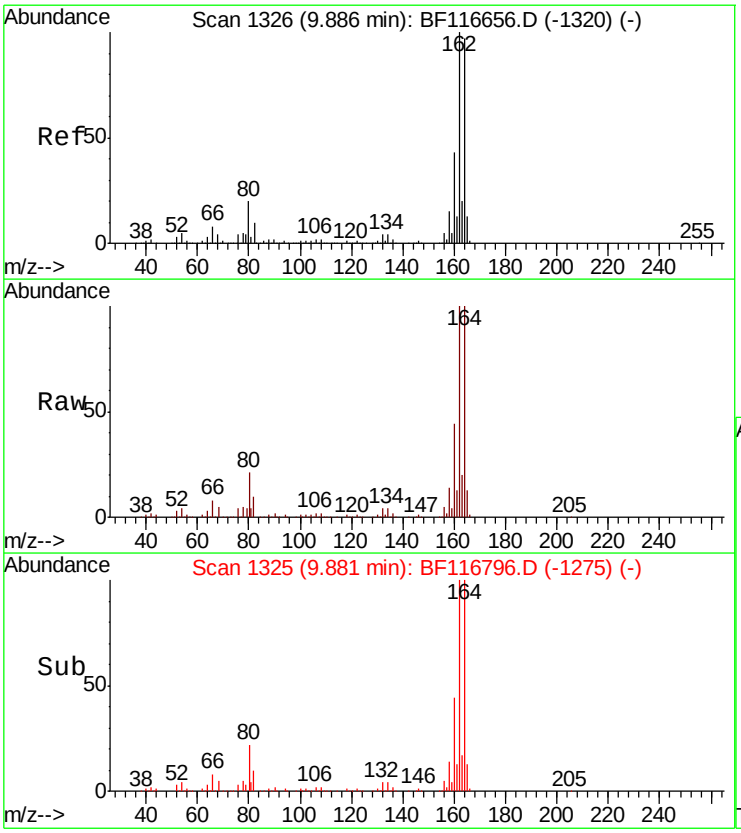
#25
Isophorone
Concen: 45.603 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 816762

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

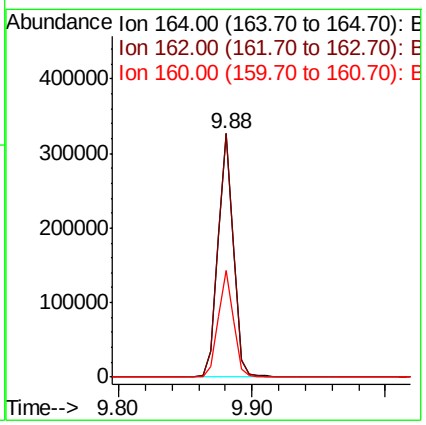


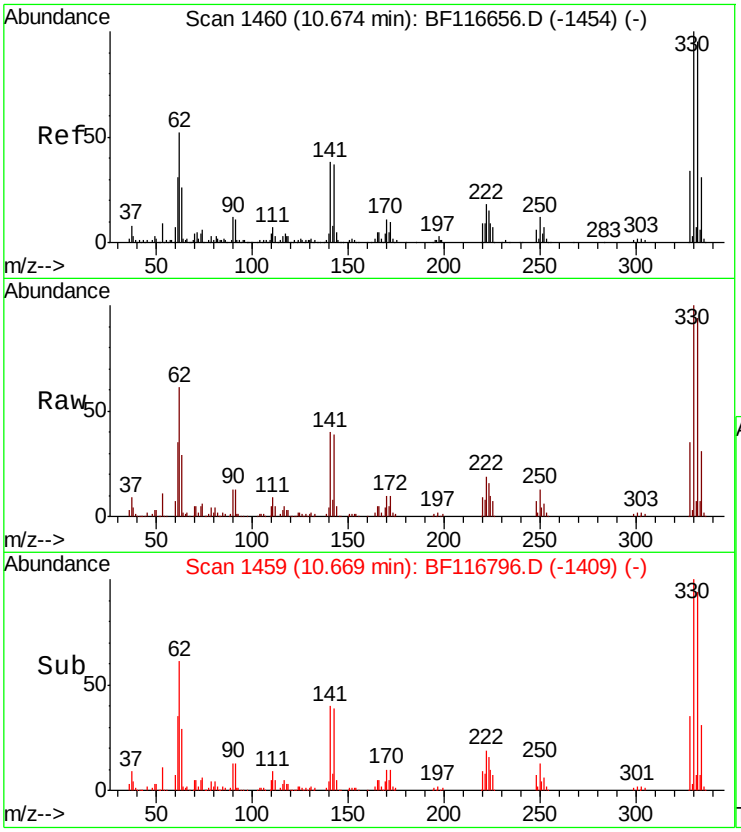


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:164 Resp: 267540

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	43.8	35.4	53.2



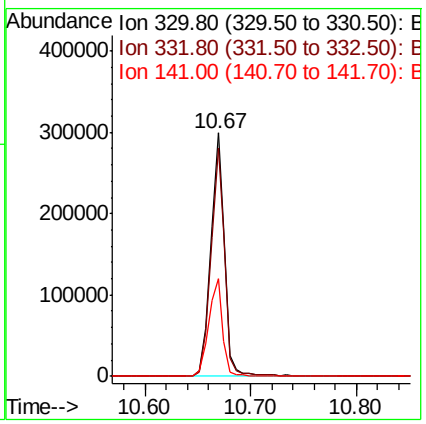


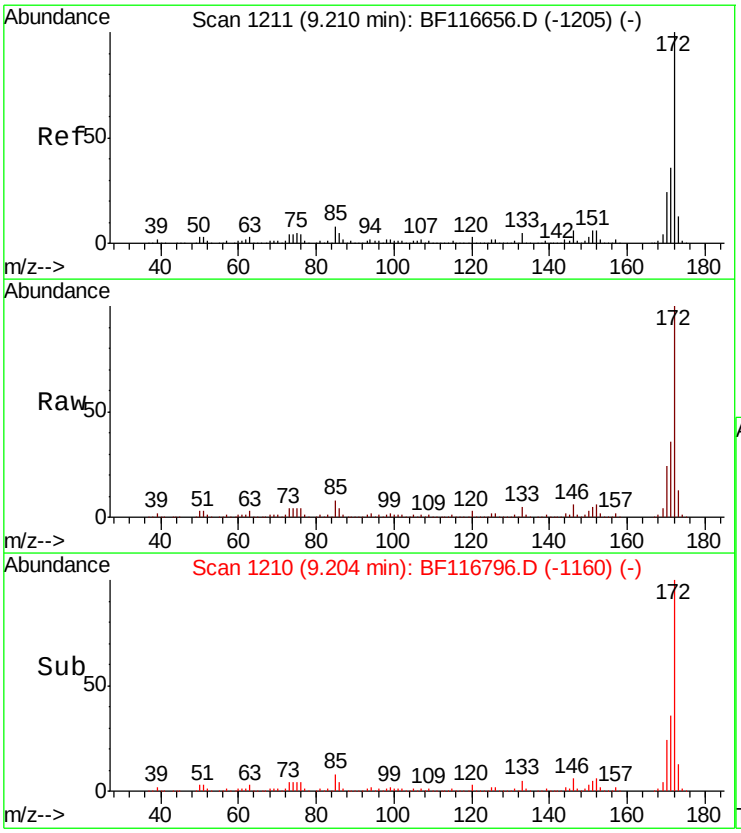
#42
2,4,6-Tribromophenol
Concen: 155.808 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 278672

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.9	115.3
141	40.4	31.4	47.2

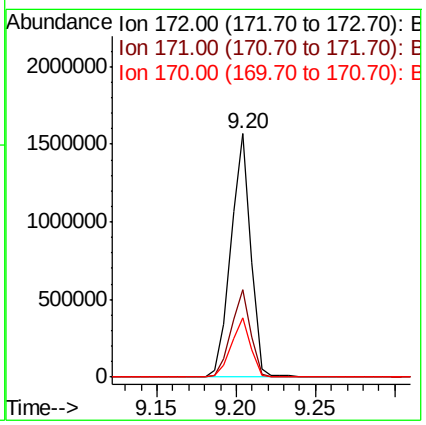


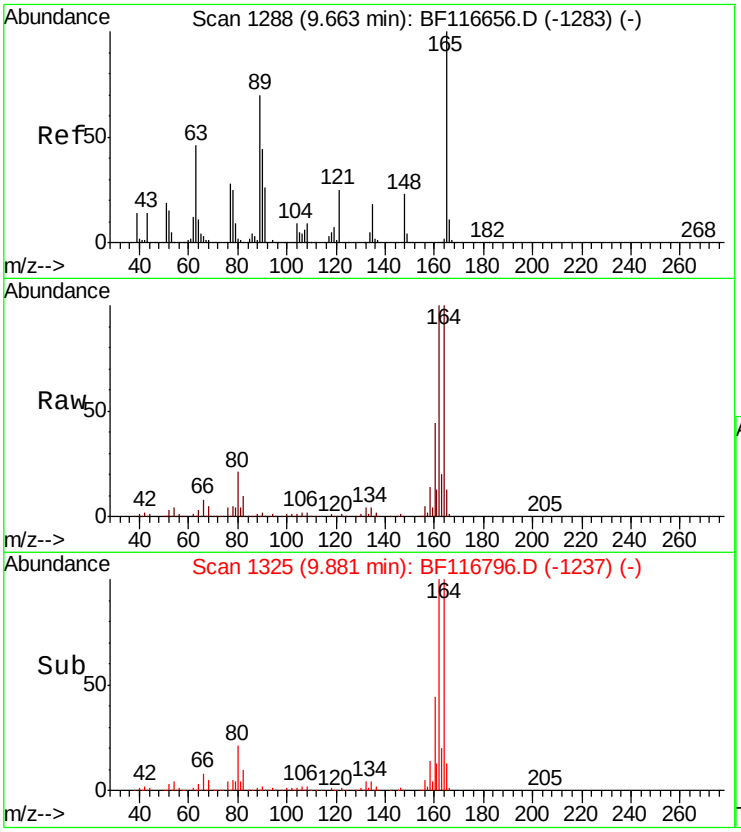


#45
2-Fluorobiphenyl
Concen: 85.841 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:172 Resp: 1361424

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	24.3	18.9	28.3



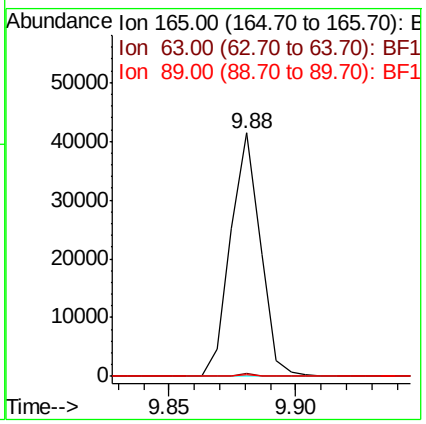


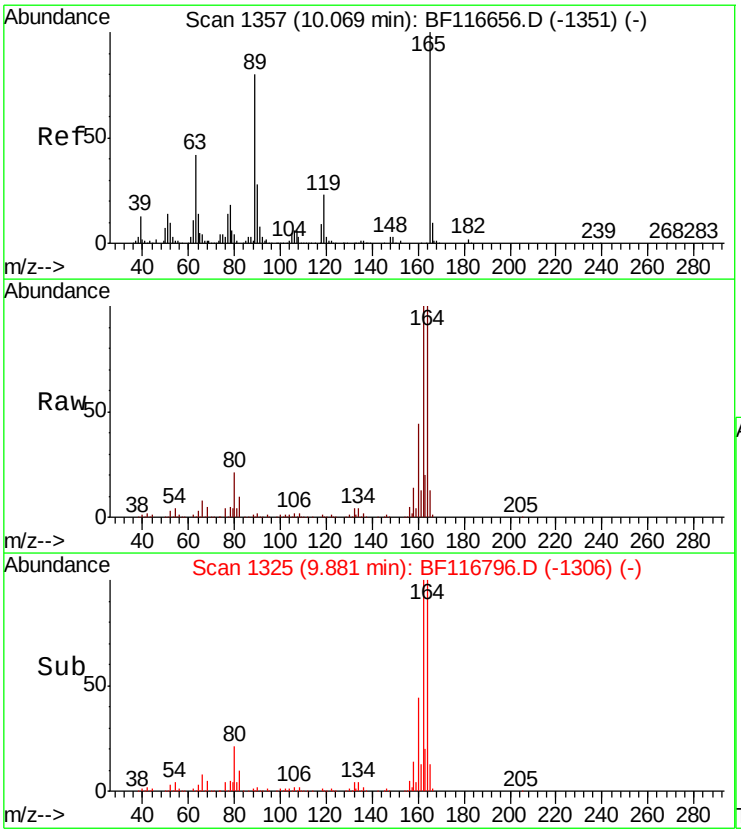
#51
2,6-Dinitrotoluene
Concen: 9.563 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33700

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

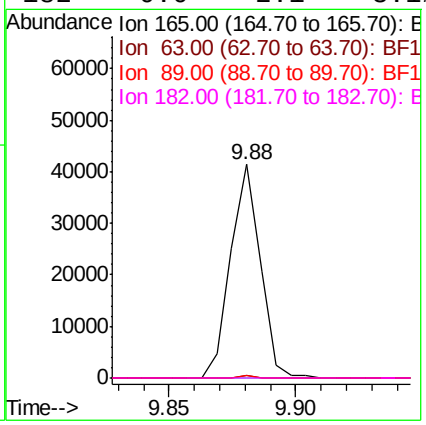


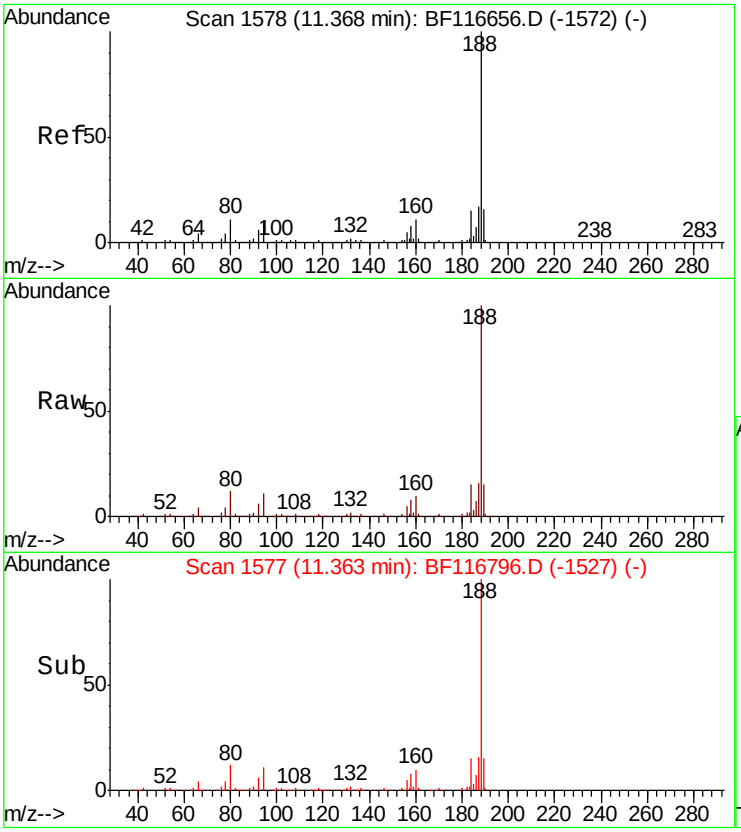


#57
2,4-Dinitrotoluene
Concen: 7.821 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:165 Resp: 33700

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#



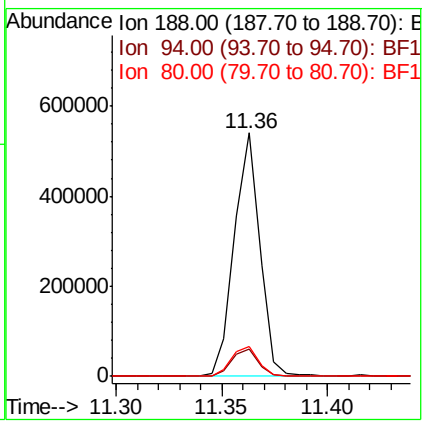


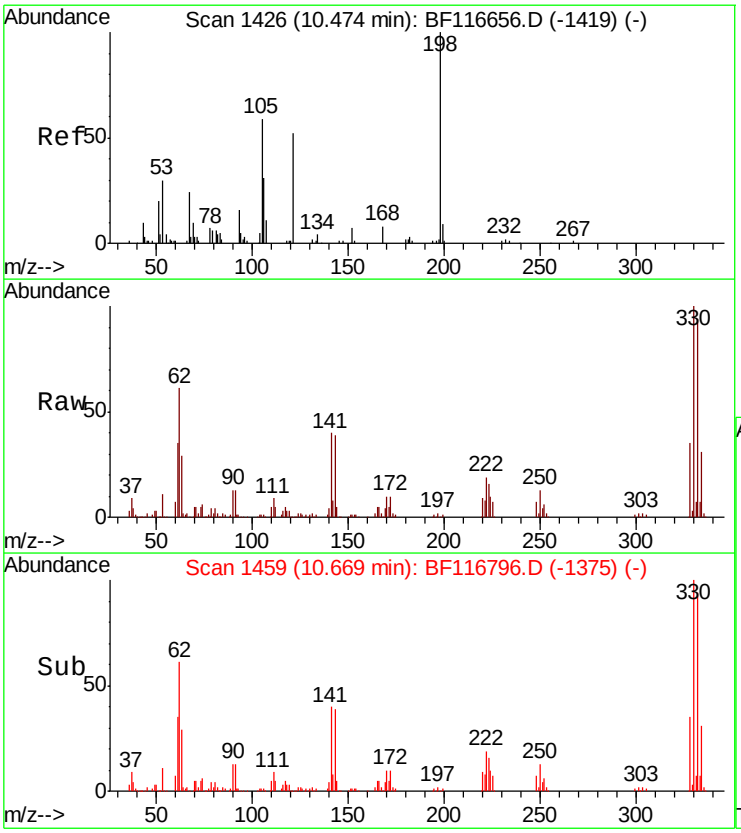
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 451091

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.3	10.9#
80	12.0	8.4	12.6

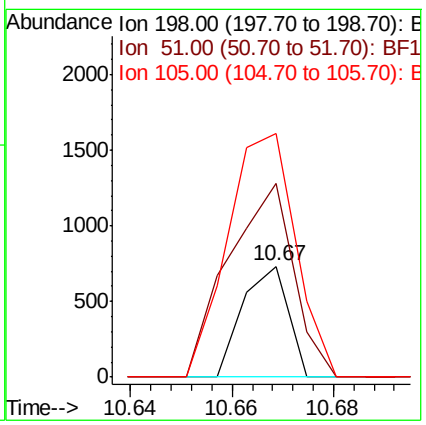


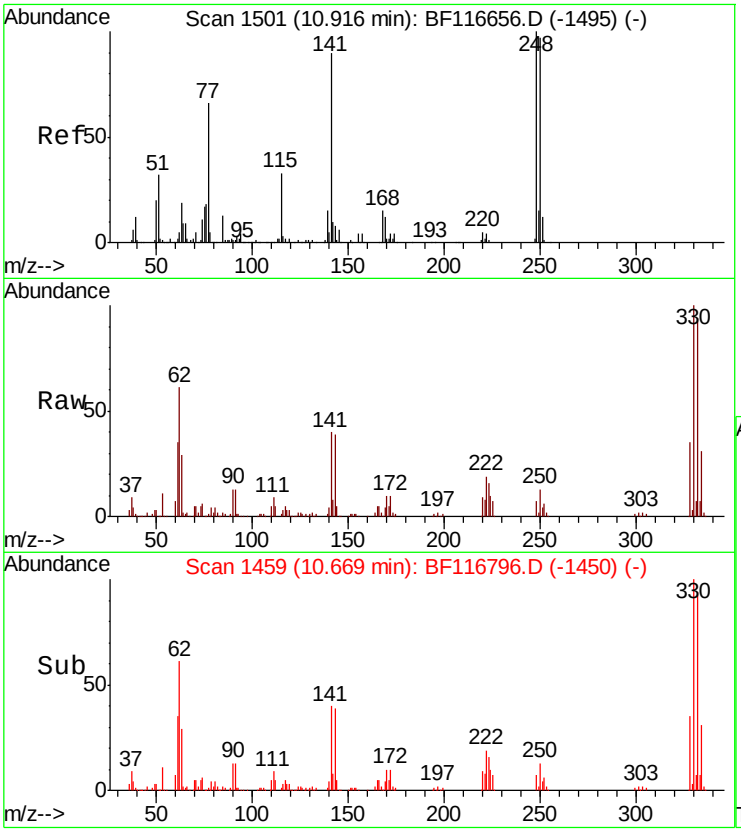


#65
4,6-Dinitro-2-methylphenol
Concen: 7.683 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	174.9	18.4	58.4#
105	219.3	22.9	62.9#



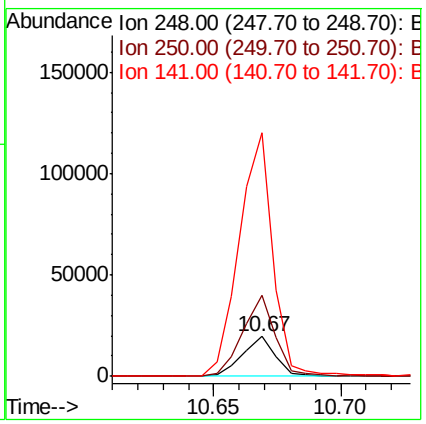


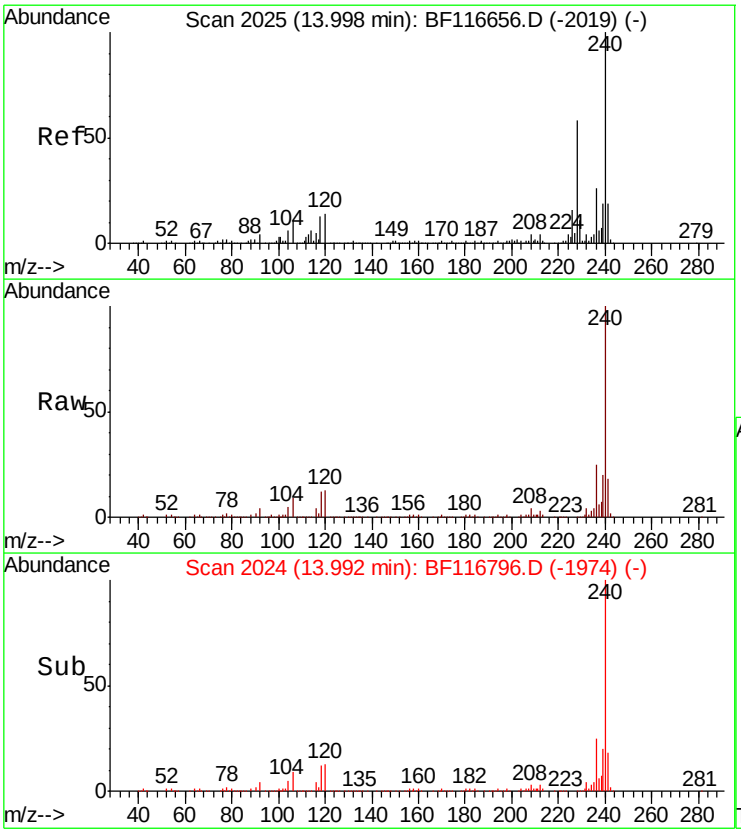
#67
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17795

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.8	116.8#
141	611.6	75.9	113.9#

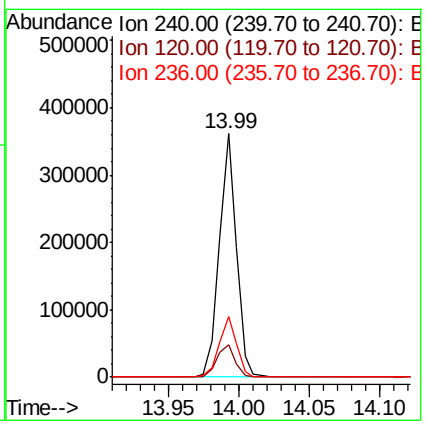


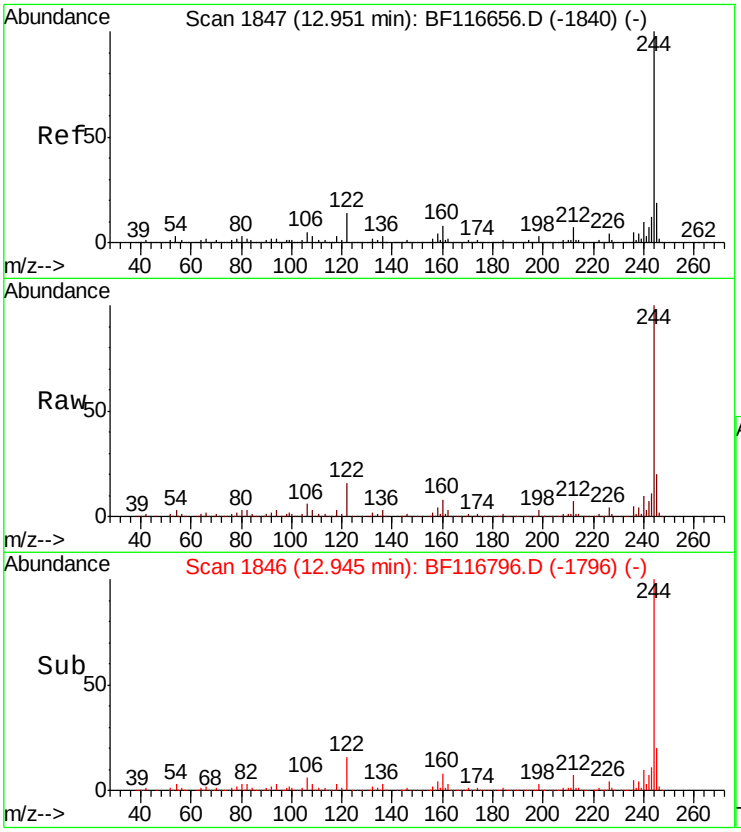


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:240 Resp: 306175

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.1	13.7
236	25.1	21.1	31.7



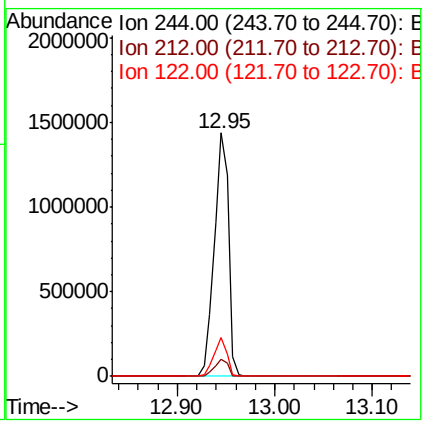


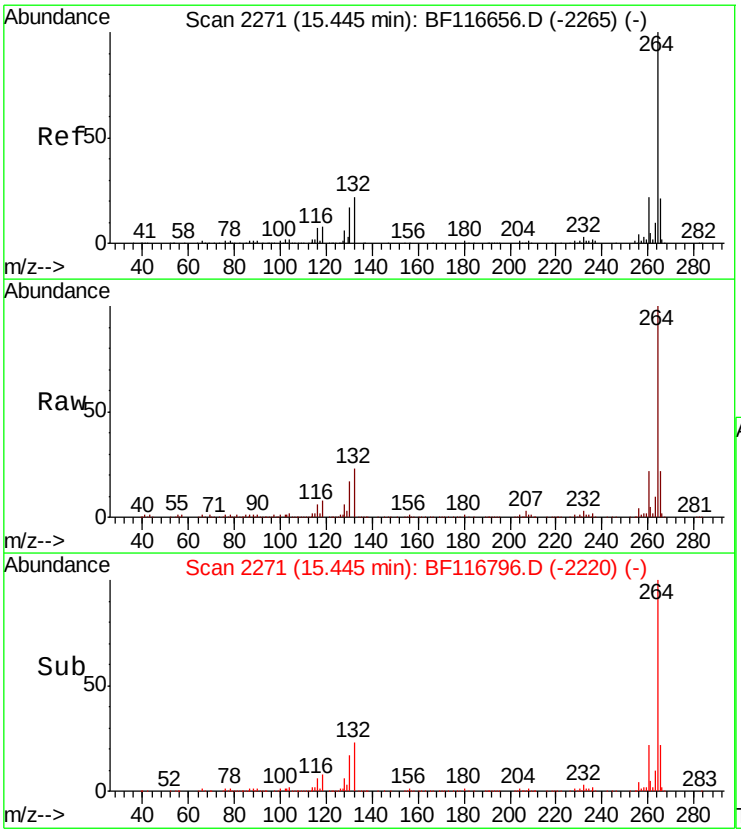
#79
Terphenyl-d14
Concen: 87.840 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116796.D
Acq: 4 Sep 2019 2:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1453804

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	16.1	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: BF116796.D
Acq: 4 Sep 2019 2:47

Tgt Ion:264 Resp: 311750

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	21.5	16.5	24.7