Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116558.D
Acq On : 26 Aug 2019 5:56
Operator : HP/JU
Sample : K4509-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 06:33:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	143662	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	513038	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	230445	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	306367	20.00	ng	0.00
76) Chrysene-d12	14.03	240	213116	20.00	ng	0.00
87) Perylene-d12	15.50	264	180211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1039505	105.73	ng	0.02
7) Phenol-d6	6.52	99	1372056	113.81	ng	0.01
23) Nitrobenzene-d5	7.44	82	843940	90.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	136607	69.04	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1546448	108.07	ng	0.00
79) Terphenyl-d14	12.98	244	1109860	97.28	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	31232	2.386	ng	# 21
19) n-Nitroso-di-n-propylamine	7.44	70	113390	13.784	ng	# 77
25) Isophorone	7.44	82	841315	45.526	ng	# 67
50) Dimethylphthalate	9.63	163	167968	10.447	ng	99
57) 2,4-Dinitrotoluene	9.92	165	29092	6.947	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	252	7.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	8560	2.665	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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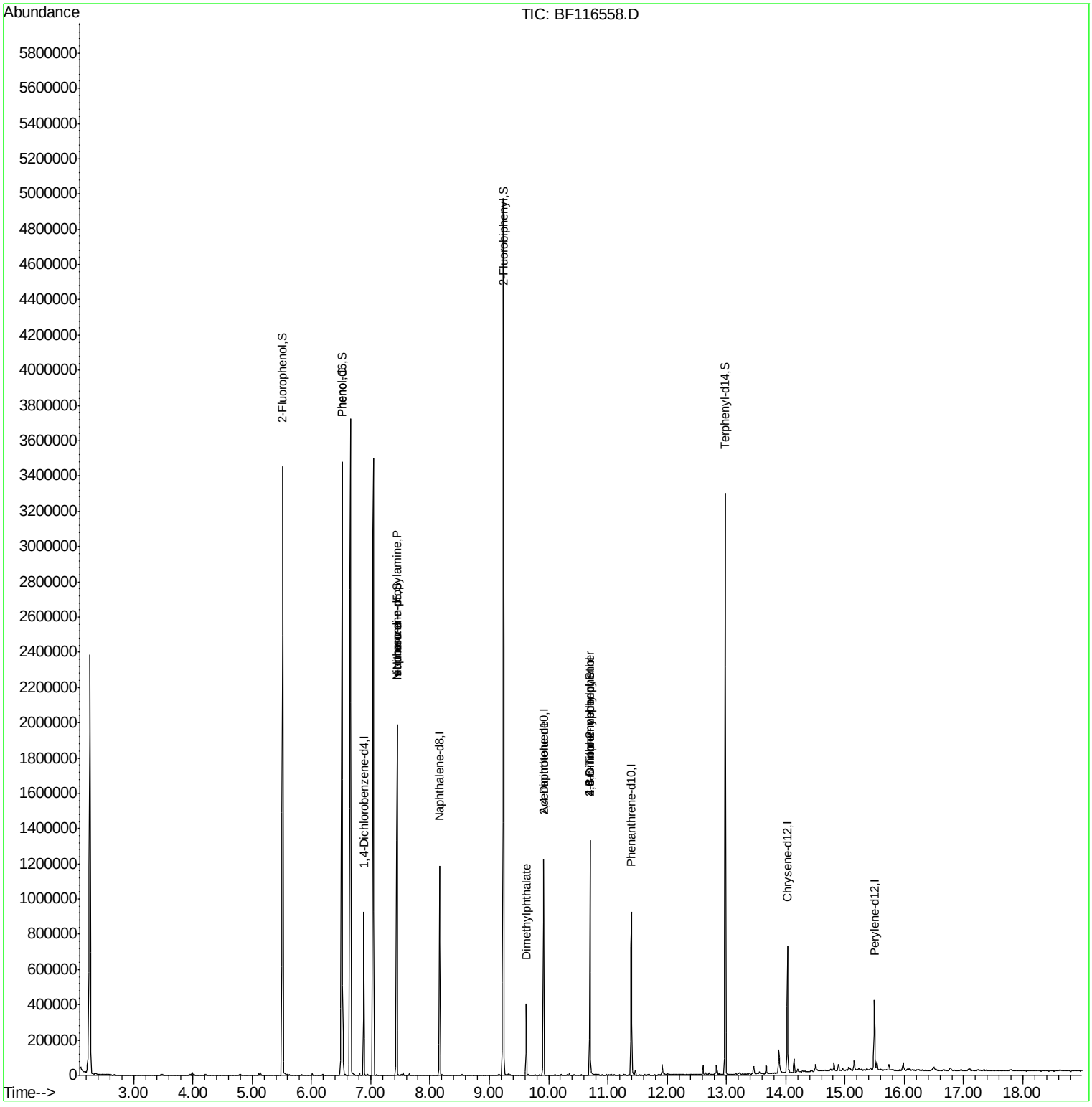
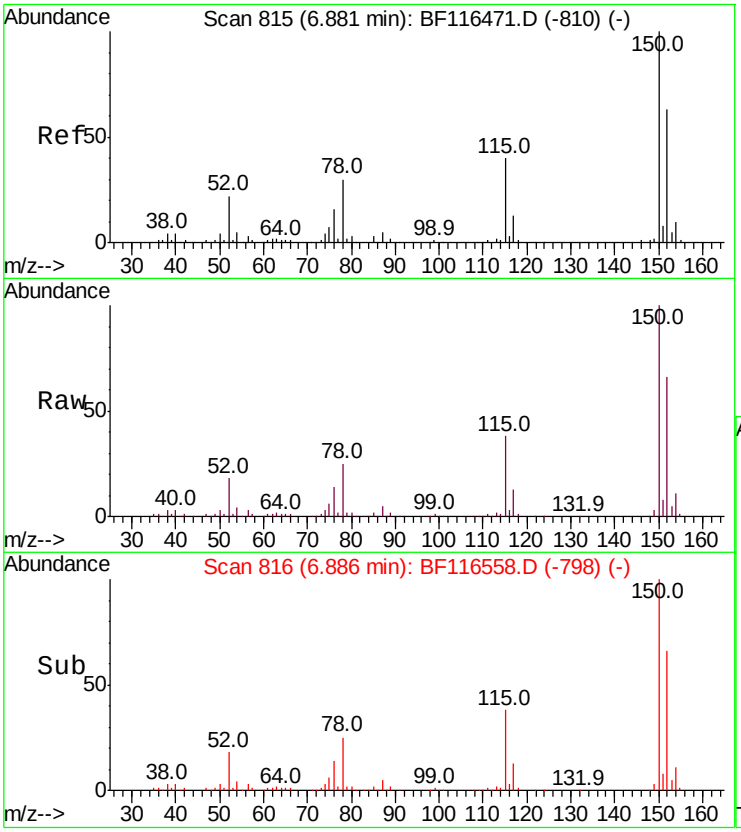


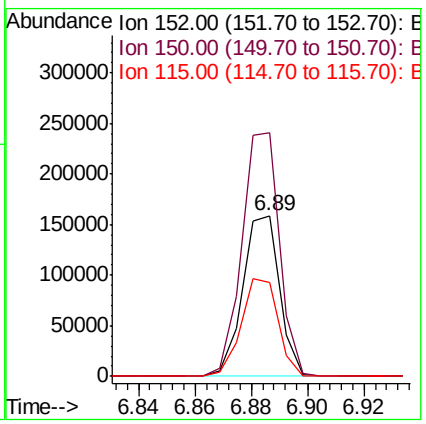


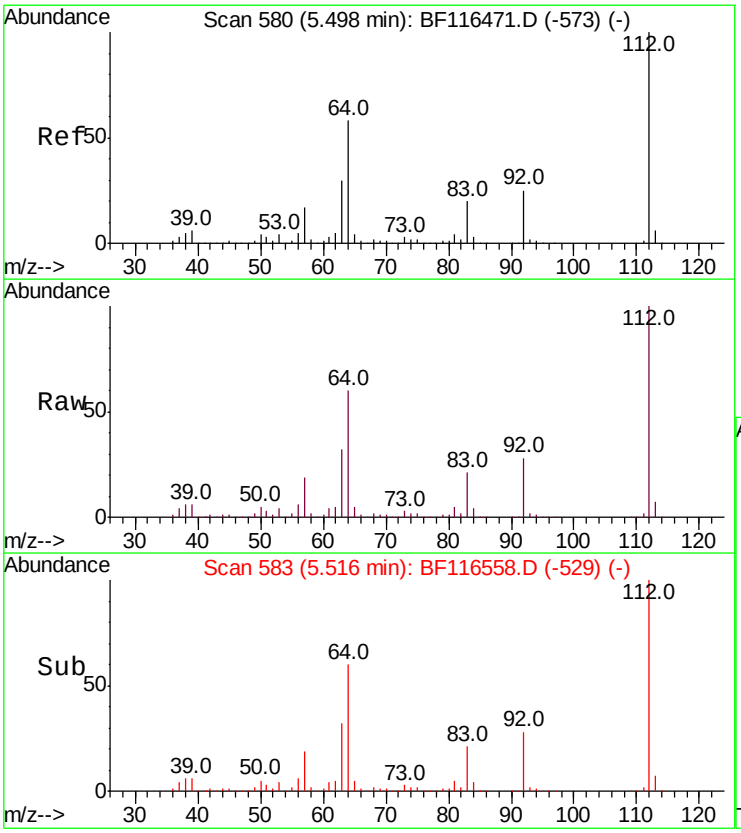
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143662

Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.7	190.1
115	58.3	50.9	76.3

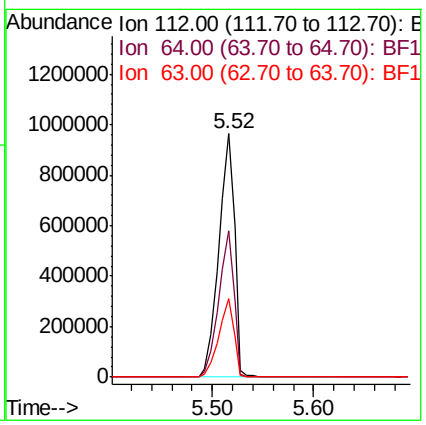


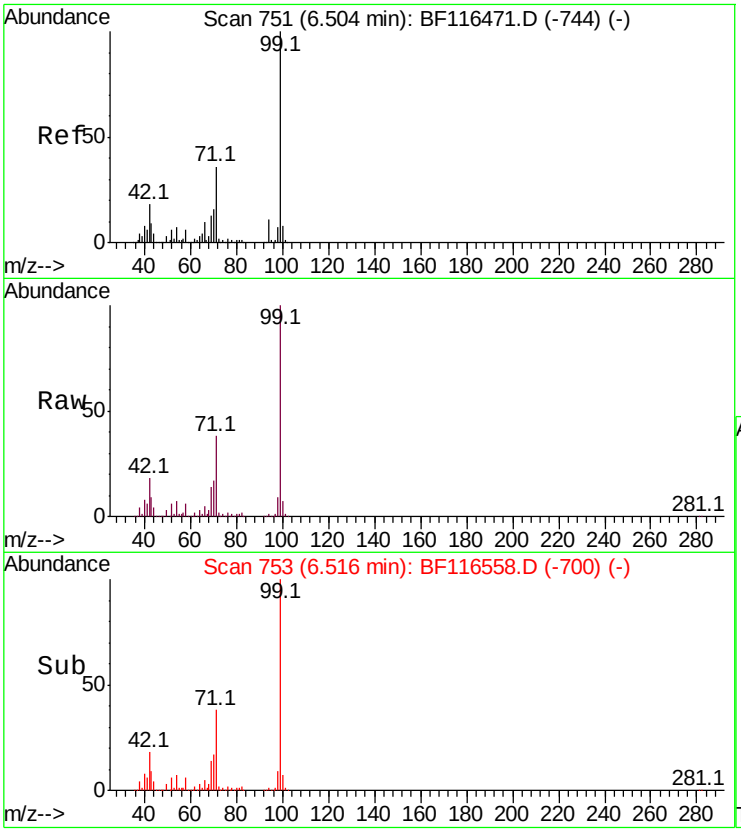


#5
2-Fluorophenol
Concen: 105.725 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:112 Resp: 1039505

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.3	69.5
63	32.3	24.2	36.4



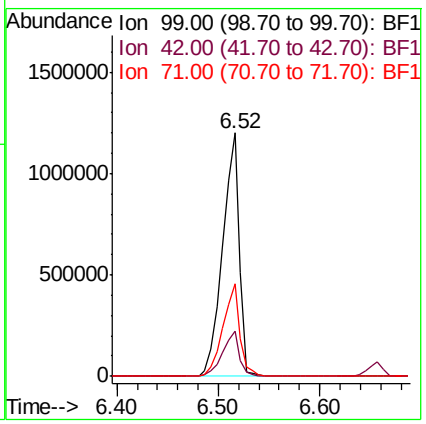


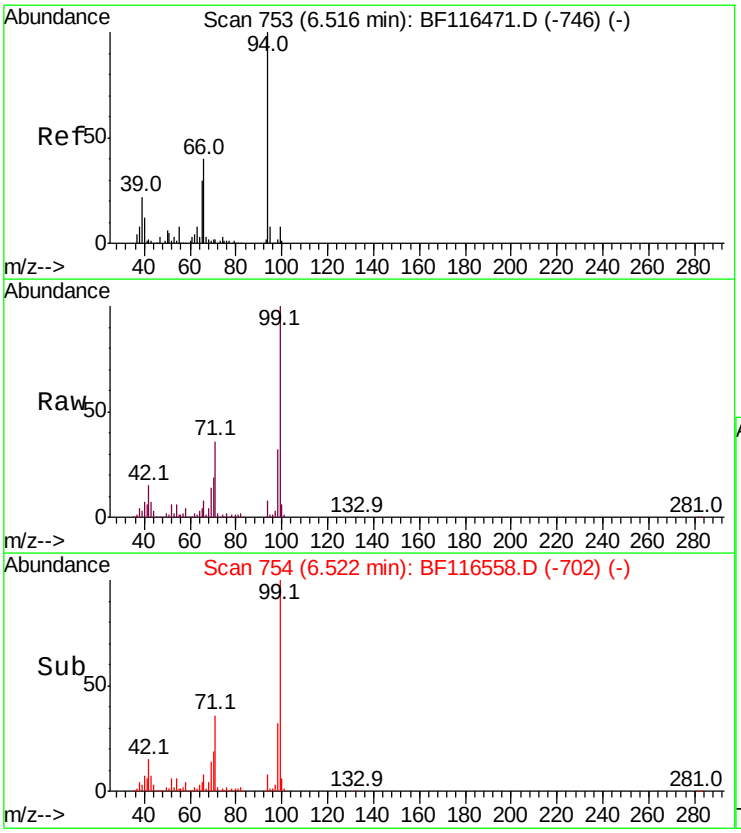
#7
Phenol-d6
Concen: 113.810 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1372056

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	21.8
71	38.0	28.5	42.7

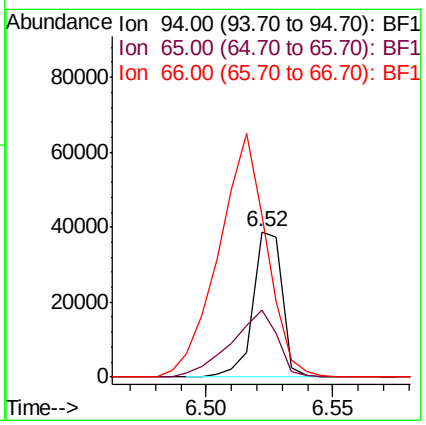


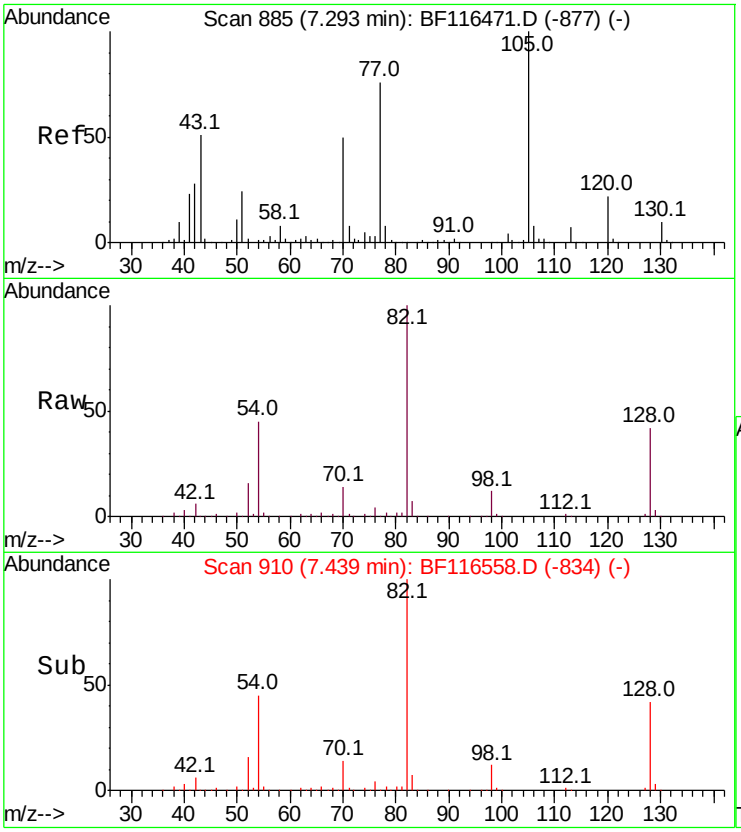


#10
Phenol
Concen: 2.386 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion: 94 Resp: 31232

Ion	Ratio	Lower	Upper
94	100		
65	46.5	10.0	50.0
66	110.9	19.8	59.8#



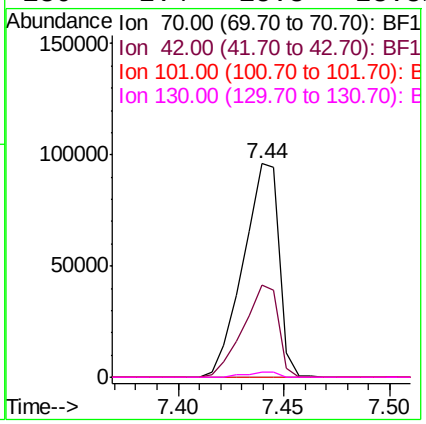


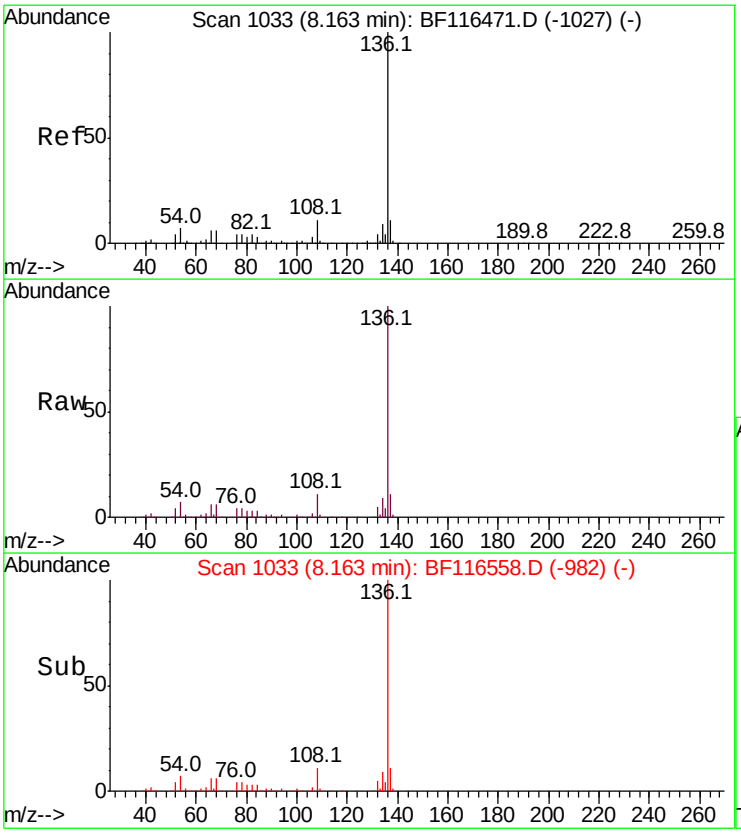
#19
n-Nitroso-di-n-propylamine
Concen: 13.784 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 113390

Ion	Ratio	Lower	Upper
70	100		
42	43.3	44.4	66.6#
101	0.0	7.1	10.7#
130	2.4	15.8	23.8#

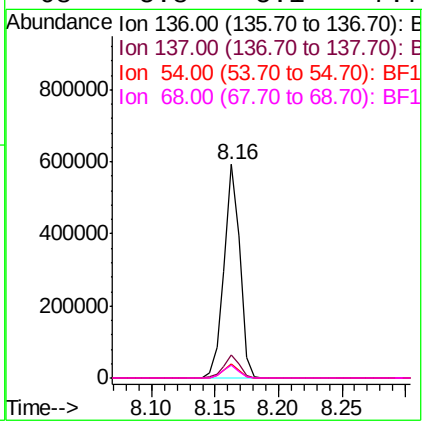


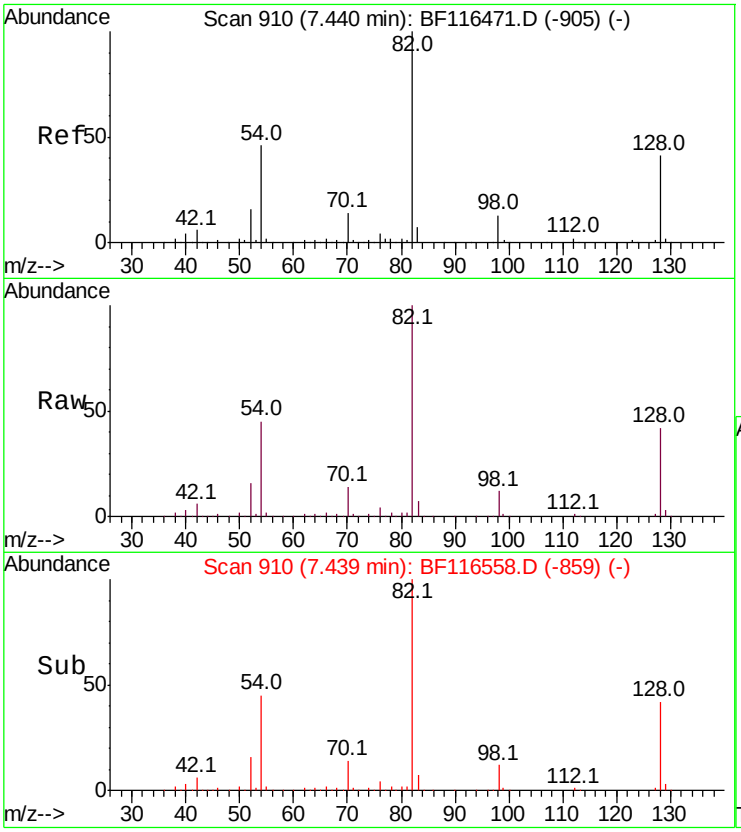


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:136 Resp: 513038

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	5.8	5.1	7.7



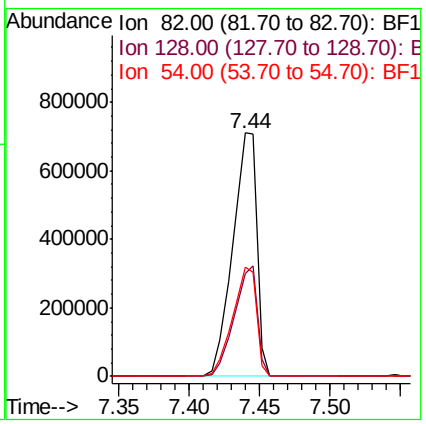


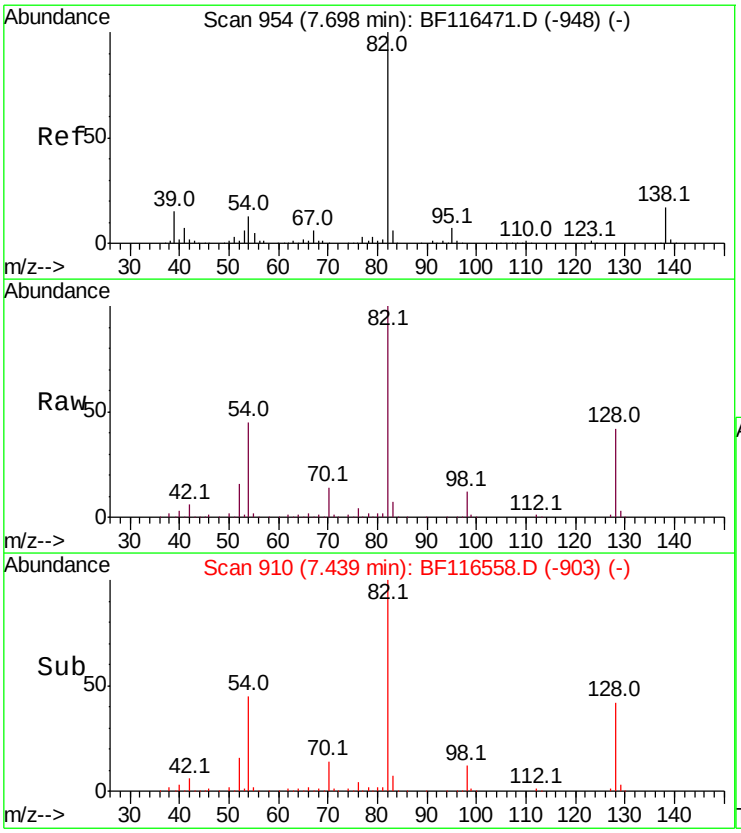
#23
Nitrobenzene-d5
Concen: 89.997 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 843940

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.2	48.4
54	44.9	36.5	54.7

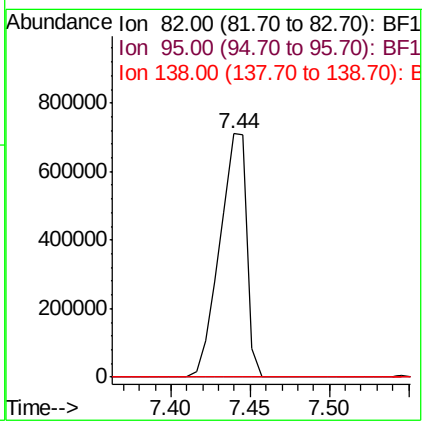


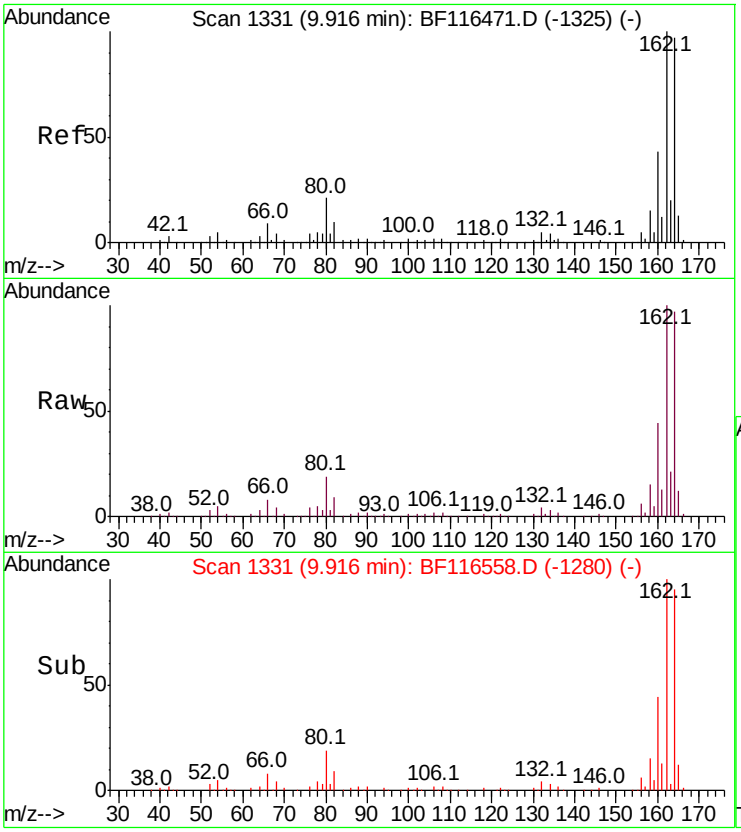


#25
Isophorone
Concen: 45.526 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion: 82 Resp: 841315

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



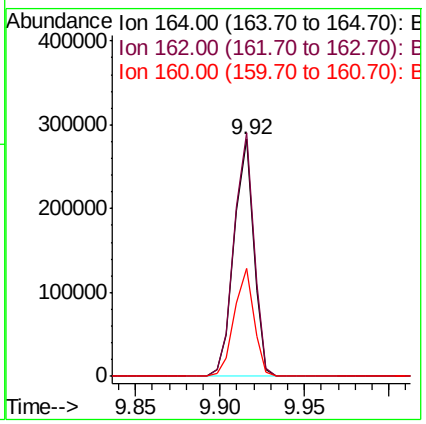


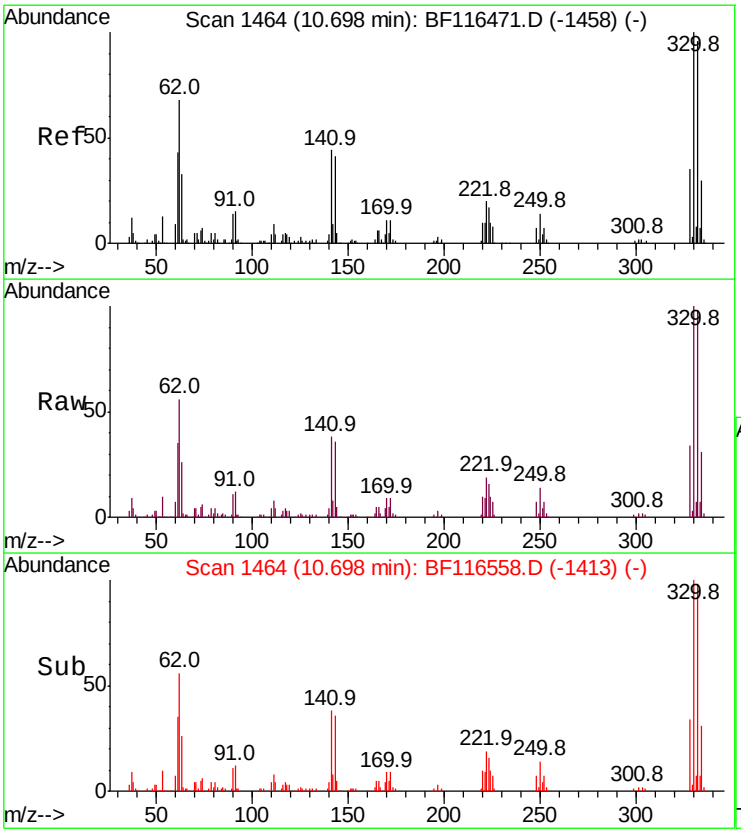
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 230445

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.7	35.8	53.8

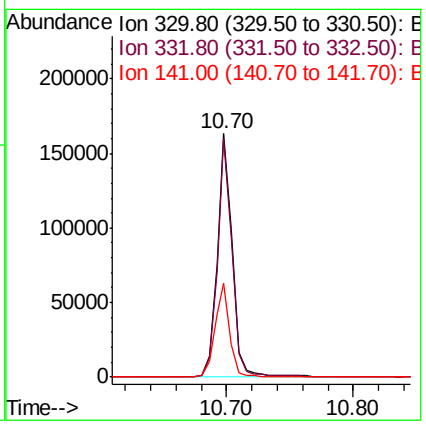


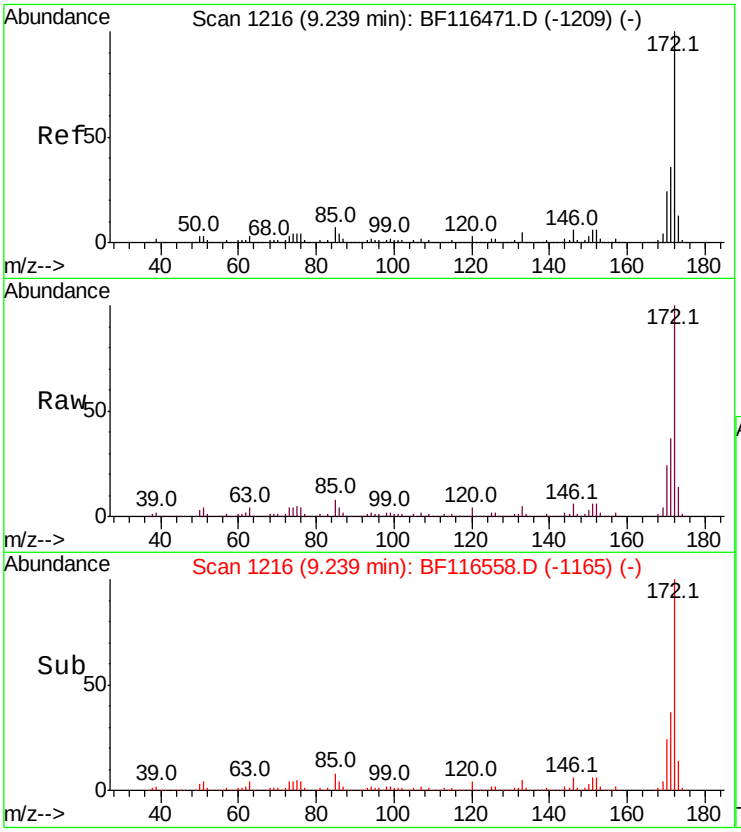


#42
2,4,6-Tribromophenol
Concen: 69.036 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:330 Resp: 136607

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	37.8	33.3	49.9



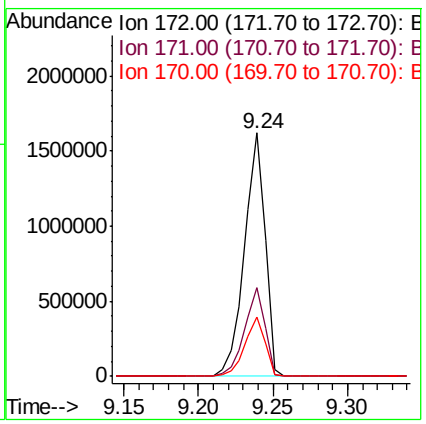


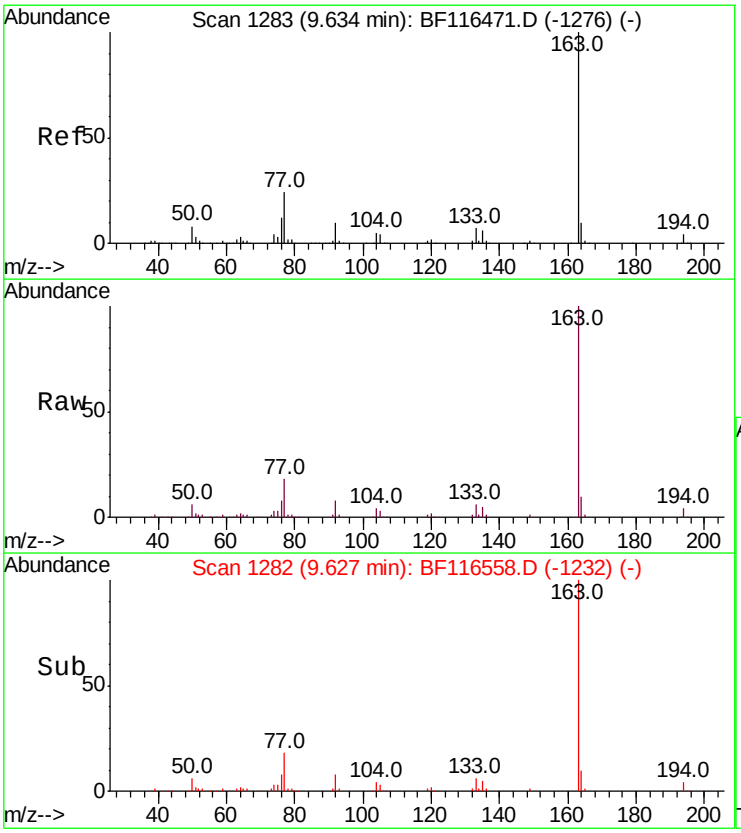
#45
2-Fluorobiphenyl
Concen: 108.070 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1546448

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.5	19.4	29.0

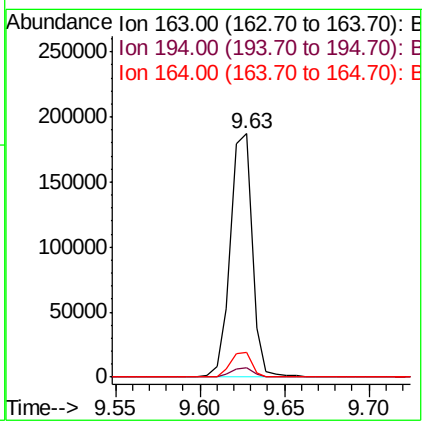


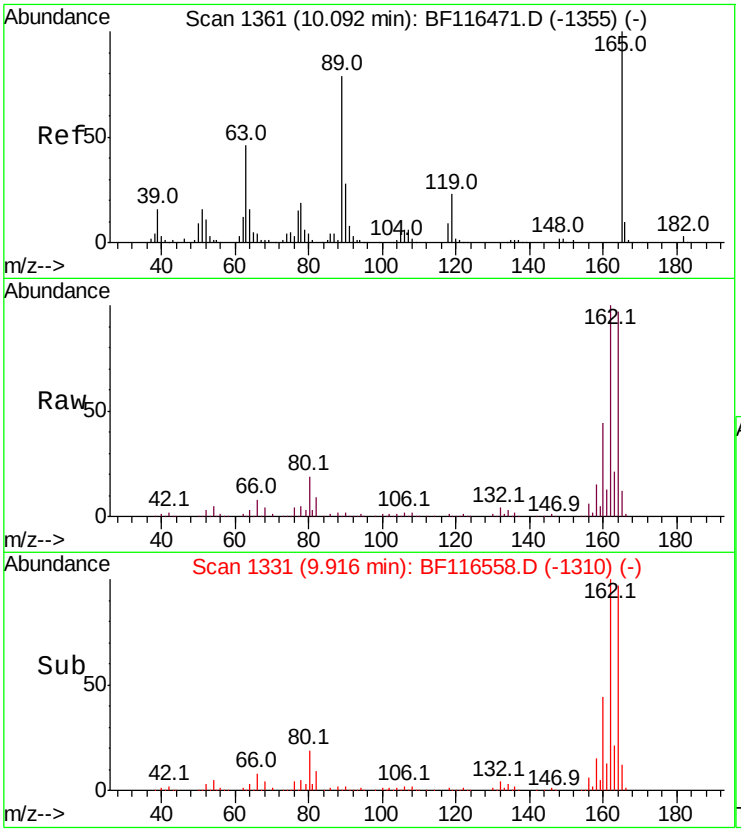


#50
Dimethylphthalate
Concen: 10.447 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:163 Resp: 167968

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.0	8.2	12.2



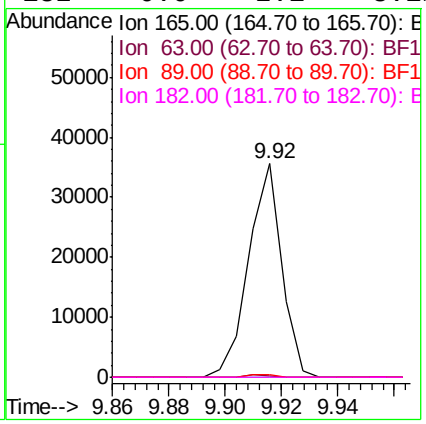


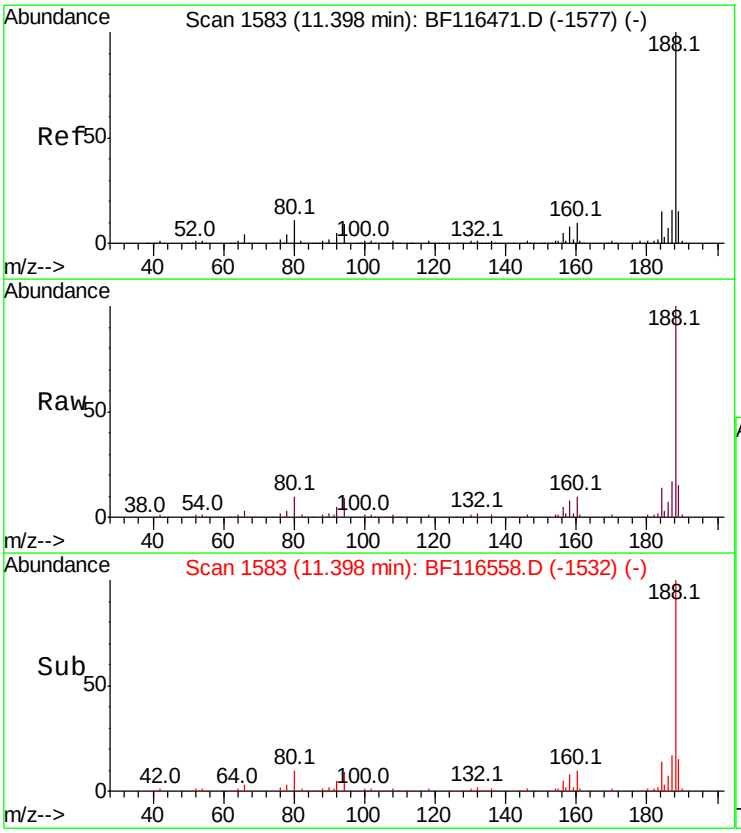
#57
2,4-Dinitrotoluene
Concen: 6.947 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29092

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.9	55.3#
89	1.4	63.4	95.0#
182	0.0	2.1	3.1#

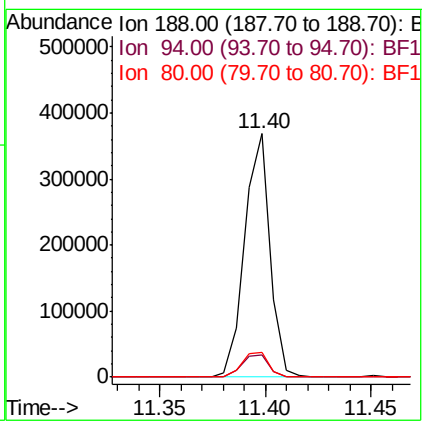


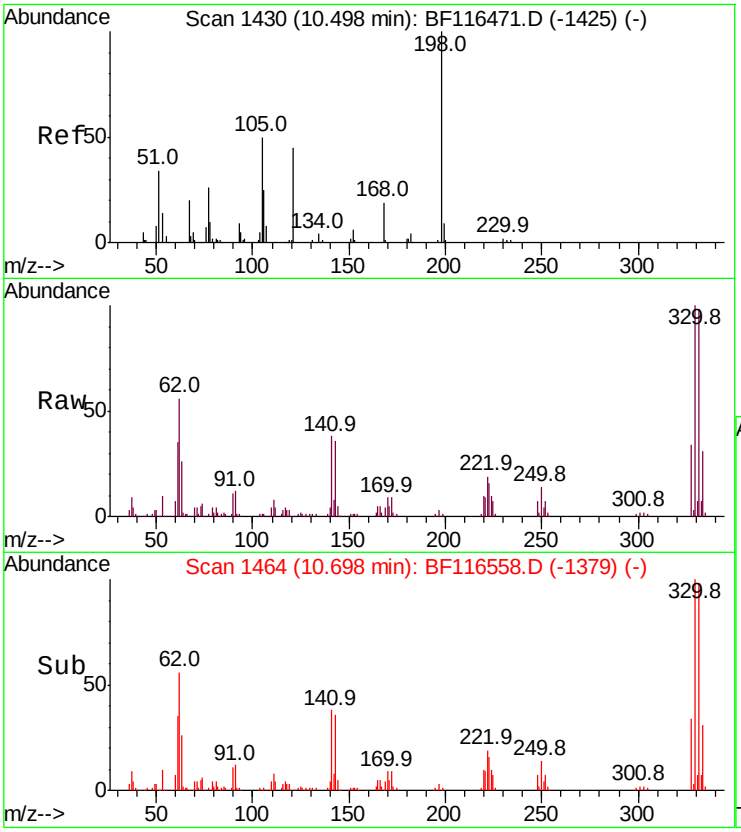


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:188 Resp: 306367

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.3	8.6	12.8



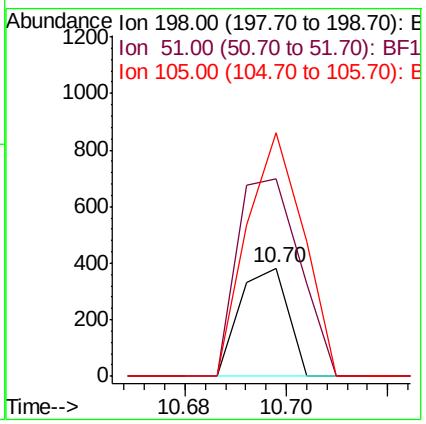


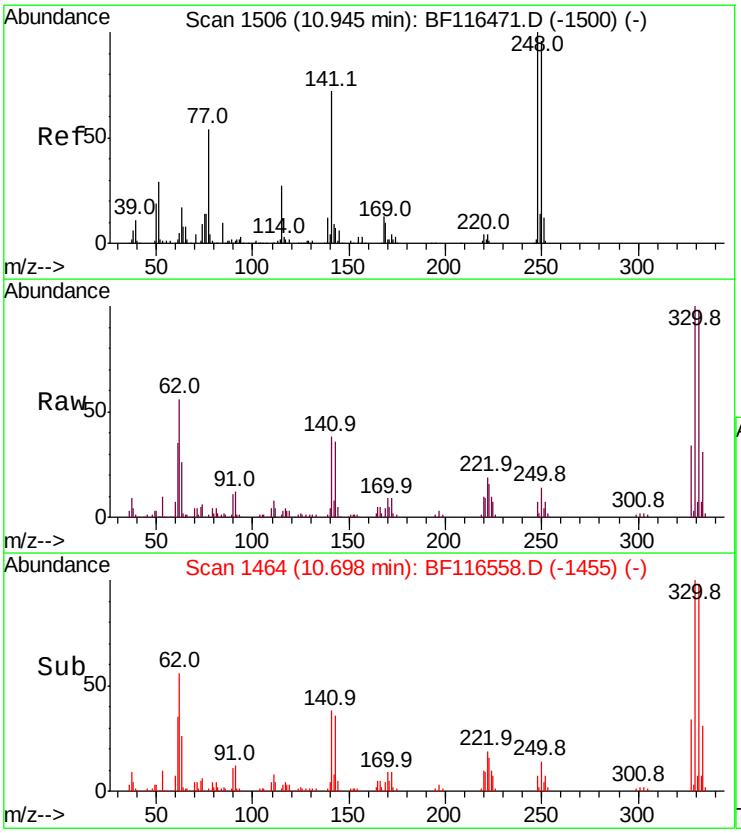
#65
4,6-Dinitro-2-methylphenol
Concen: 7.177 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 252

Ion	Ratio	Lower	Upper
198	100		
51	182.7	30.4	70.4#
105	225.4	32.8	72.8#

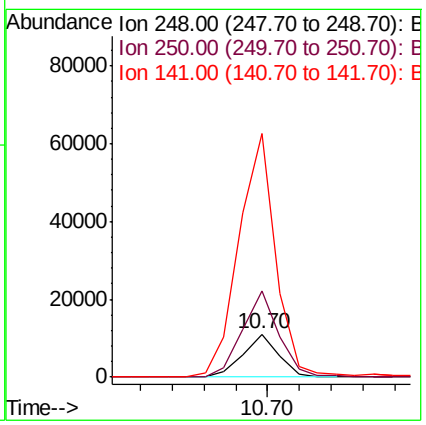


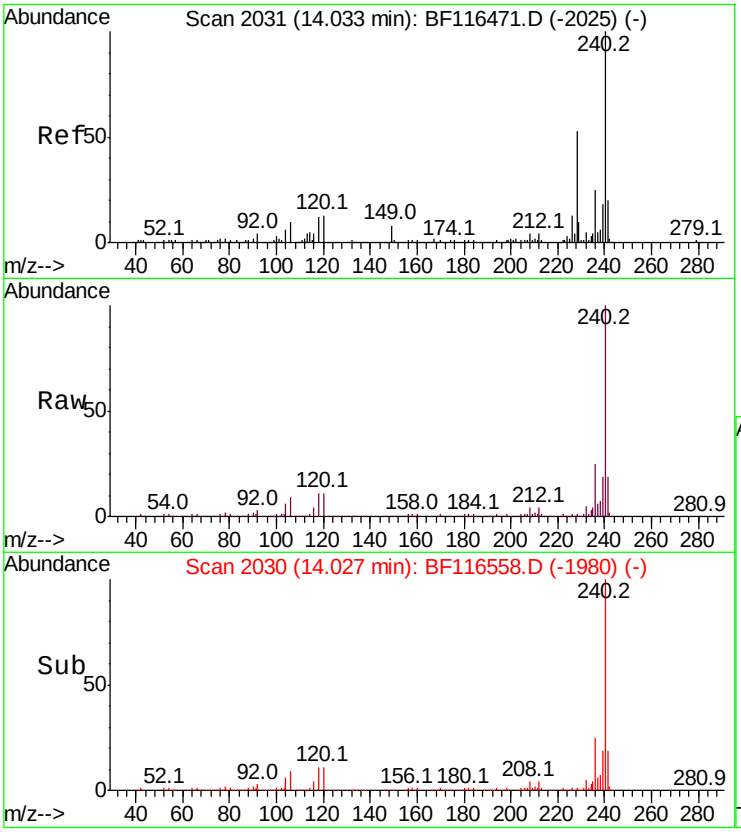


#67
4-Bromophenyl-phenylether
Concen: 2.665 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:248 Resp: 8560

Ion	Ratio	Lower	Upper
248	100		
250	199.5	77.0	115.6#
141	566.0	57.4	86.0#



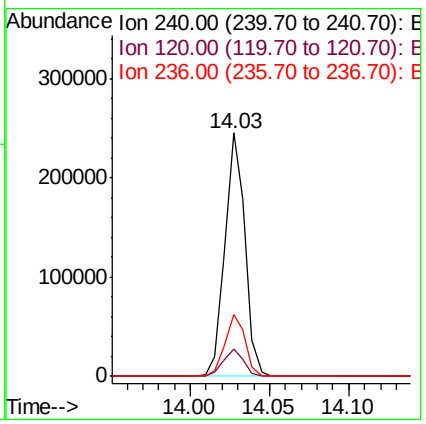


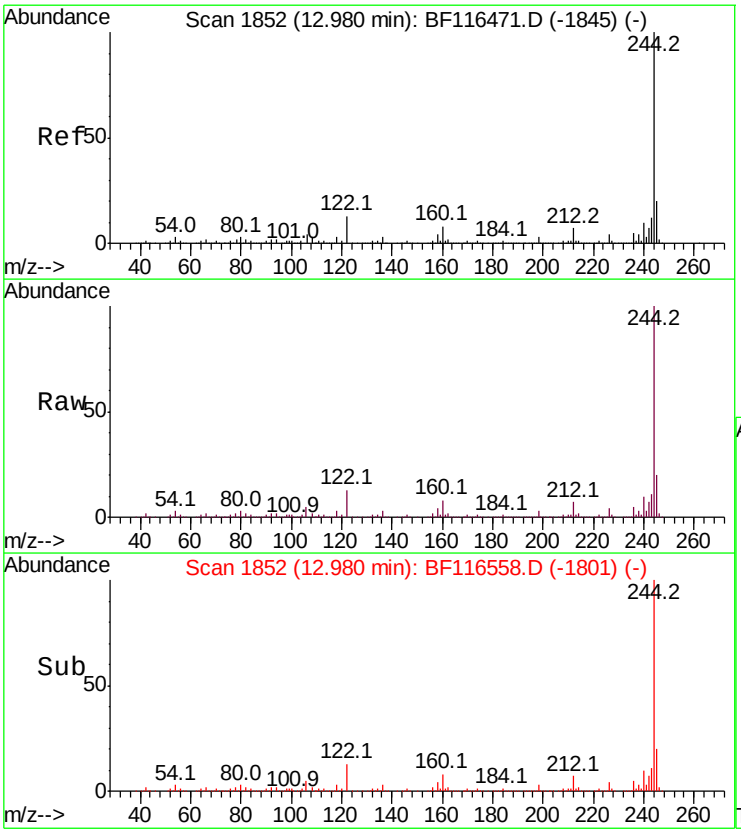
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 213116

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.5	15.7
236	25.5	20.2	30.2

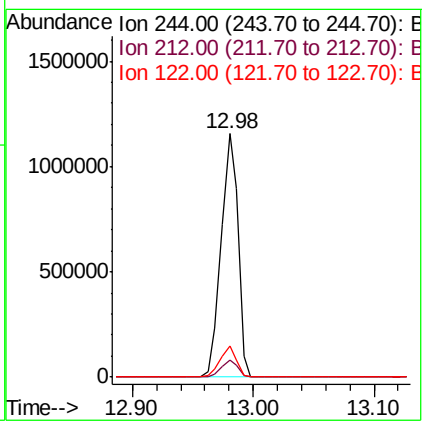


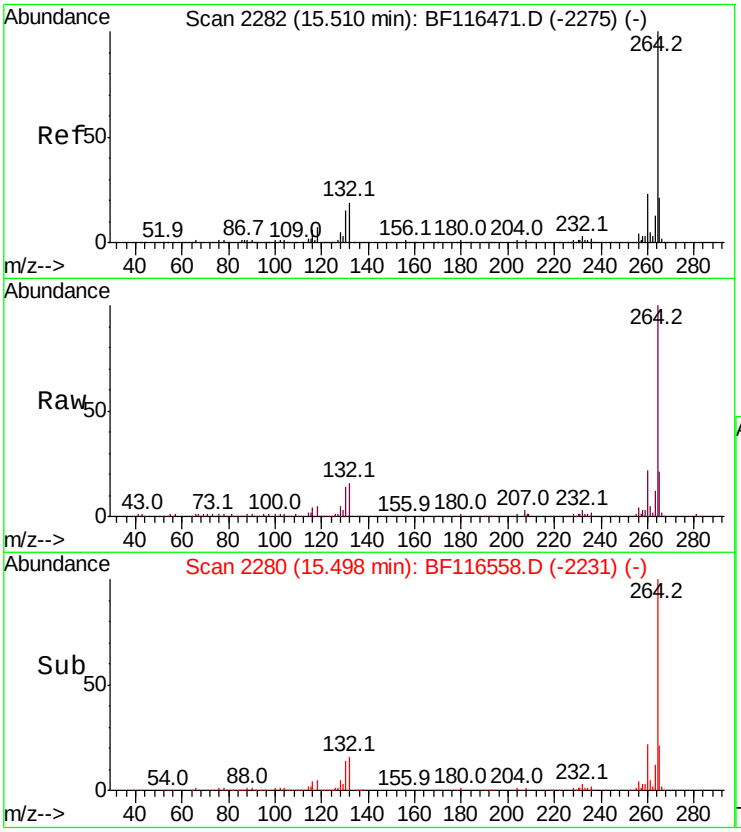


#79
Terphenyl-d14
Concen: 97.276 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Tgt Ion:244 Resp: 1109860

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	13.0	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116558.D
Acq: 26 Aug 2019 5:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 180211

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.8	28.2
265	21.3	17.1	25.7