Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116438.D
Acq On : 20 Aug 2019 19:04
Operator : HP/JU
Sample : K4095-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 21 01:14:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89199	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	351127	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192201	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	354231	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	314354	20.00	ng	-0.01
87) Perylene-d12	15.42	264	318192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	623775	117.07	ng	0.00
7) Phenol-d6	6.45	99	785785	116.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	584647	96.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	265370	142.41	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1037947	101.15	ng	-0.01
79) Terphenyl-d14	12.90	244	1319940	88.48	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.47	94	17895	2.260	ng	# 56
19) n-Nitroso-di-n-propylamine	7.37	70	75749	18.183	ng	# 80
25) Isophorone	7.37	82	584647	50.264	ng	# 65
50) Dimethylphthalate	9.55	163	93512	7.146	ng	100
51) 2,6-Dinitrotoluene	9.83	165	24507	8.617	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	24507	6.472	ng	# 19
67) 4-Bromophenyl-phenylether	10.63	248	15908	4.195	ng	# 1

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

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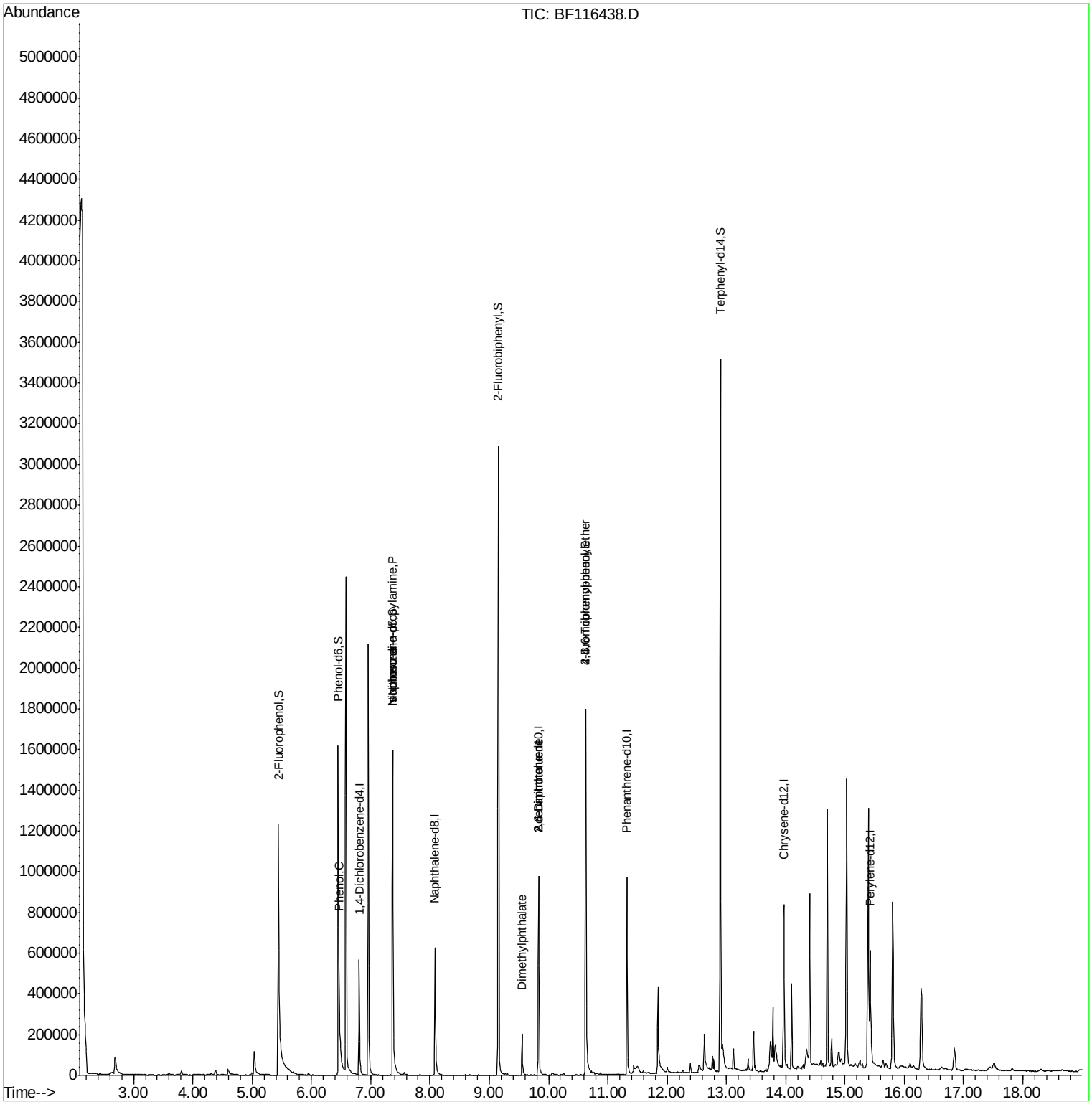
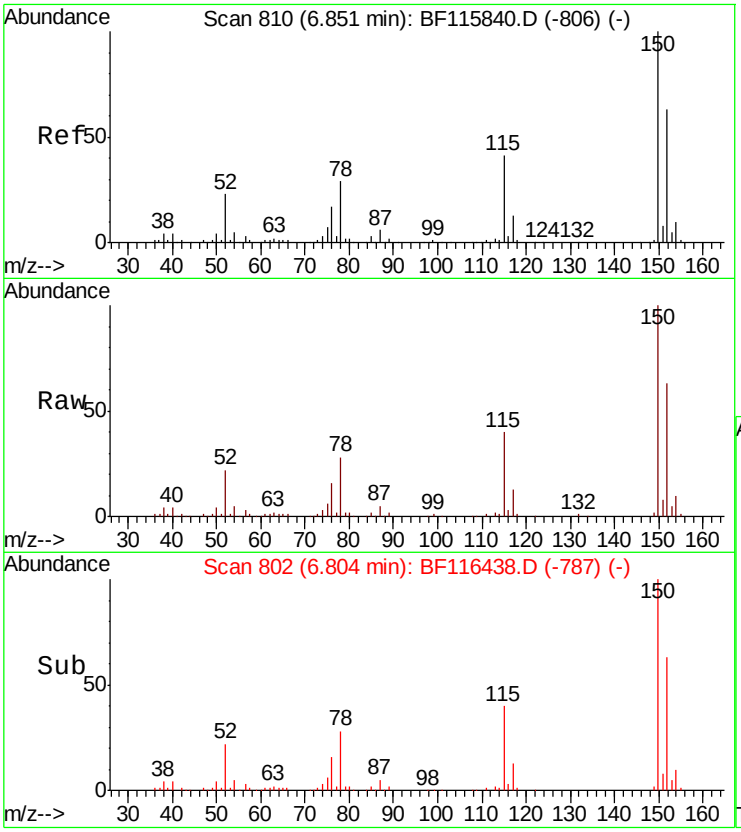


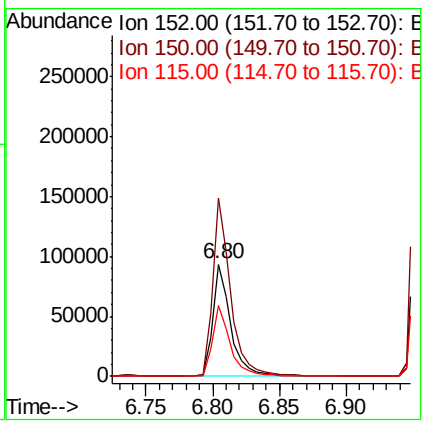


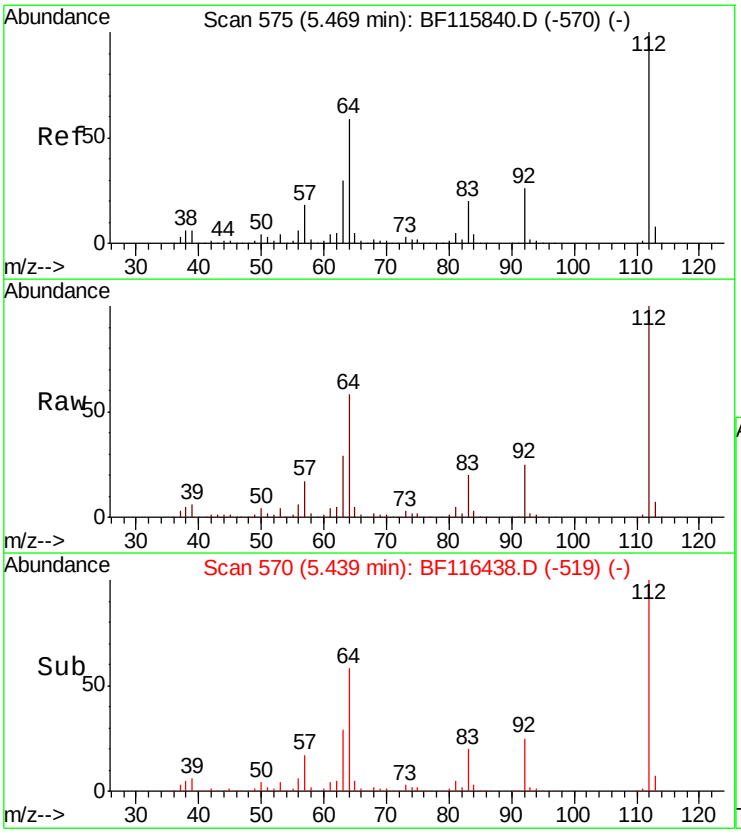
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89199

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	63.3	49.9	74.9

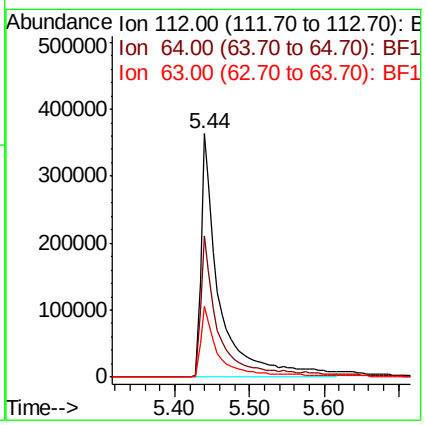


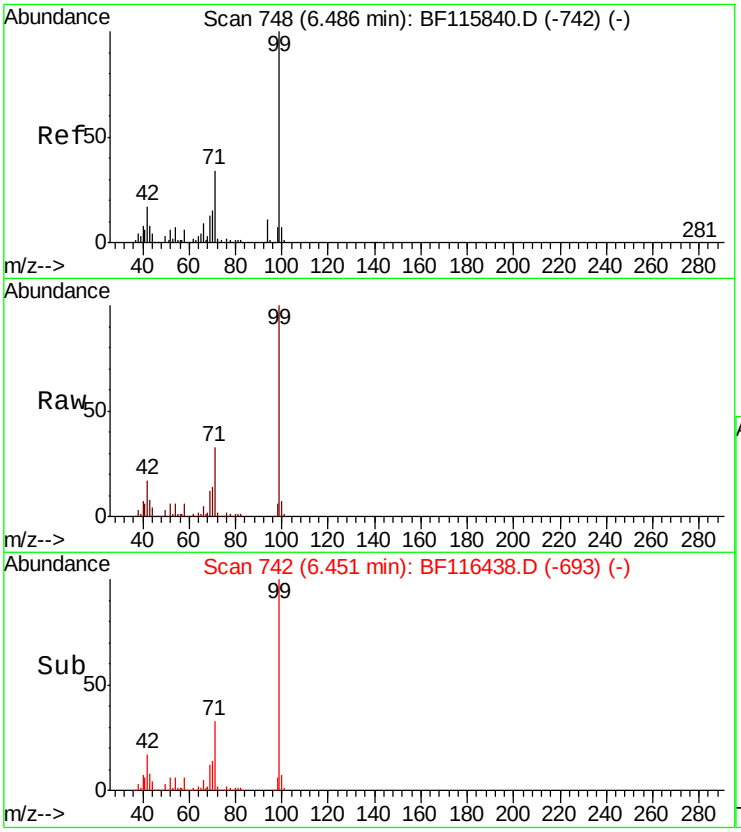


#5
2-Fluorophenol
Concen: 117.068 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:112 Resp: 623775

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.4	68.2
63	29.3	23.7	35.5



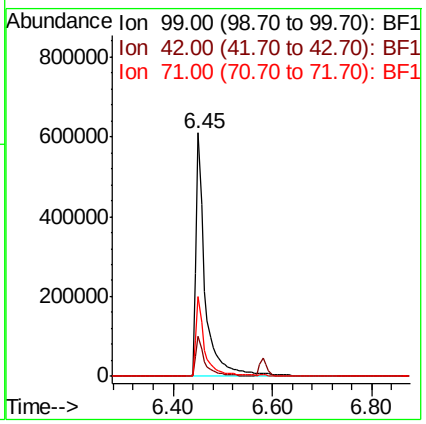


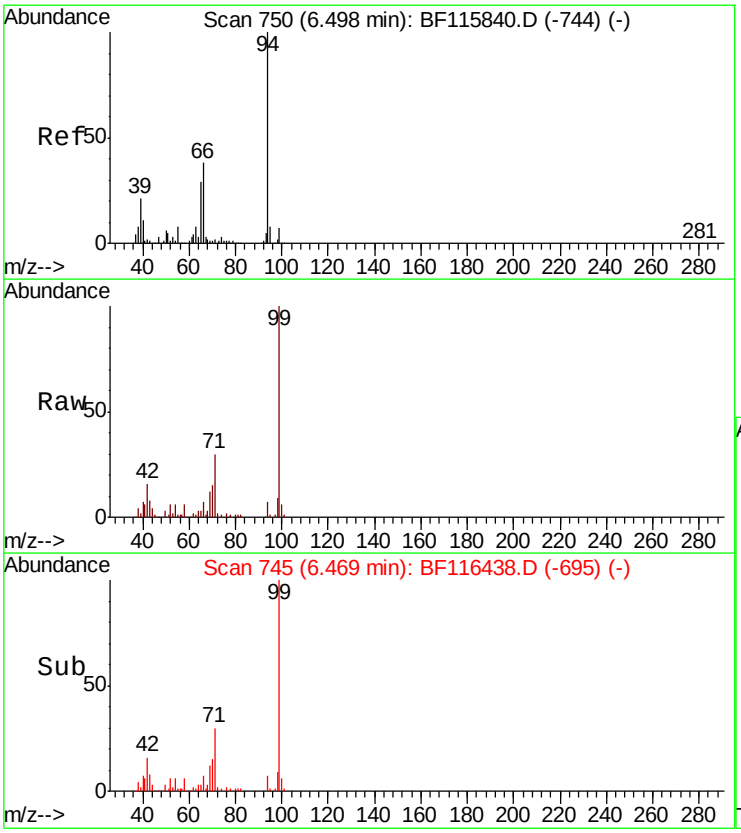
#7
Phenol-d6
Concen: 116.887 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 785785

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	32.6	27.3	40.9

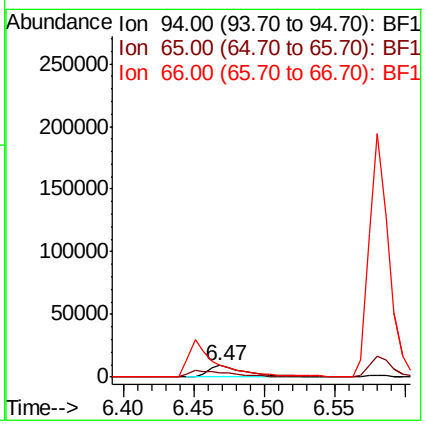


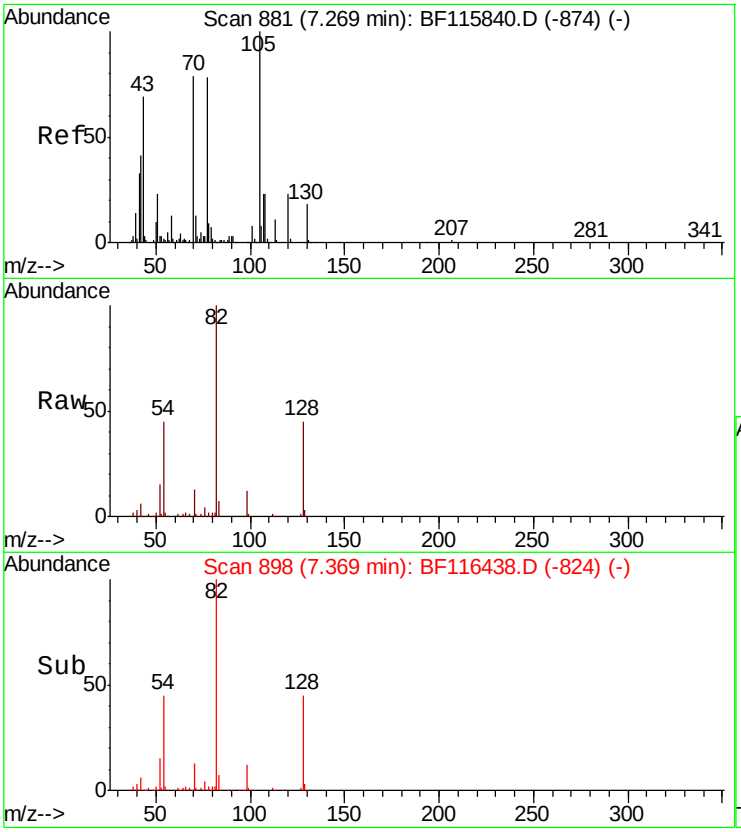


#10
Phenol
Concen: 2.260 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion: 94 Resp: 17895

Ion	Ratio	Lower	Upper
94	100		
65	40.5	16.8	56.8
66	104.1	34.2	74.2#



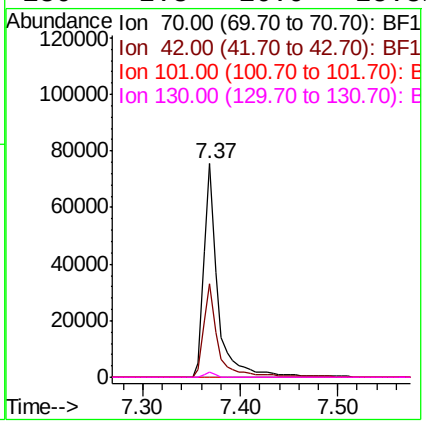


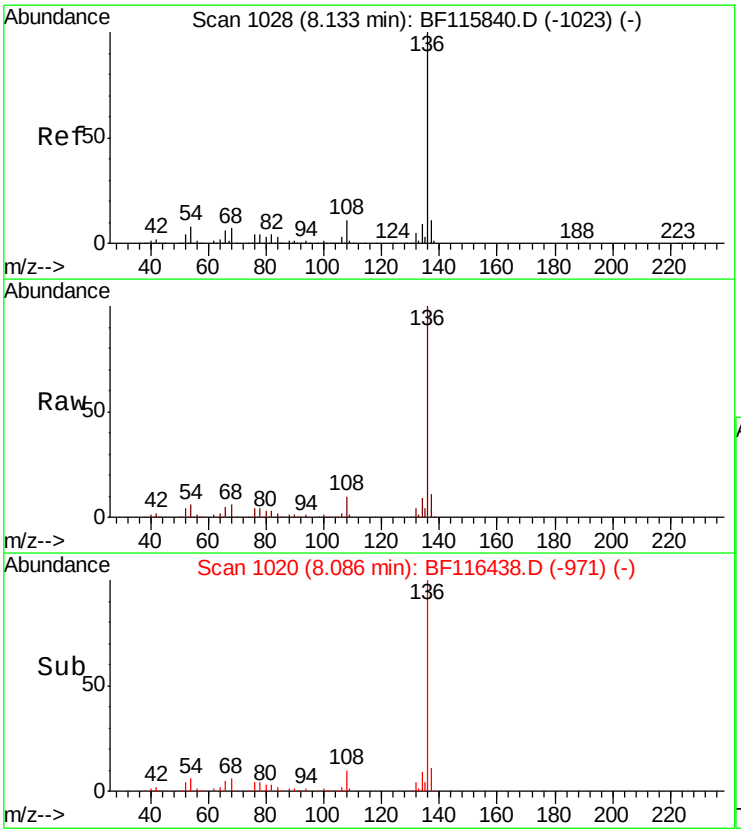
#19
n-Nitroso-di-n-propylamine
Concen: 18.183 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75749

Ion	Ratio	Lower	Upper
70	100		
42	43.6	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#

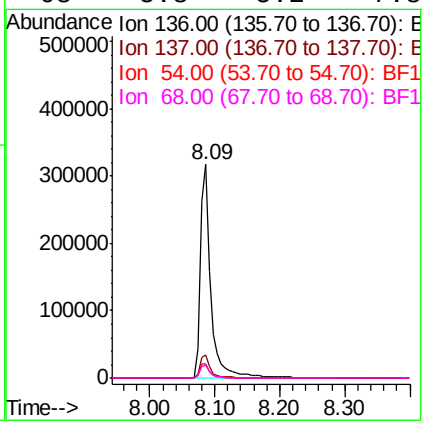


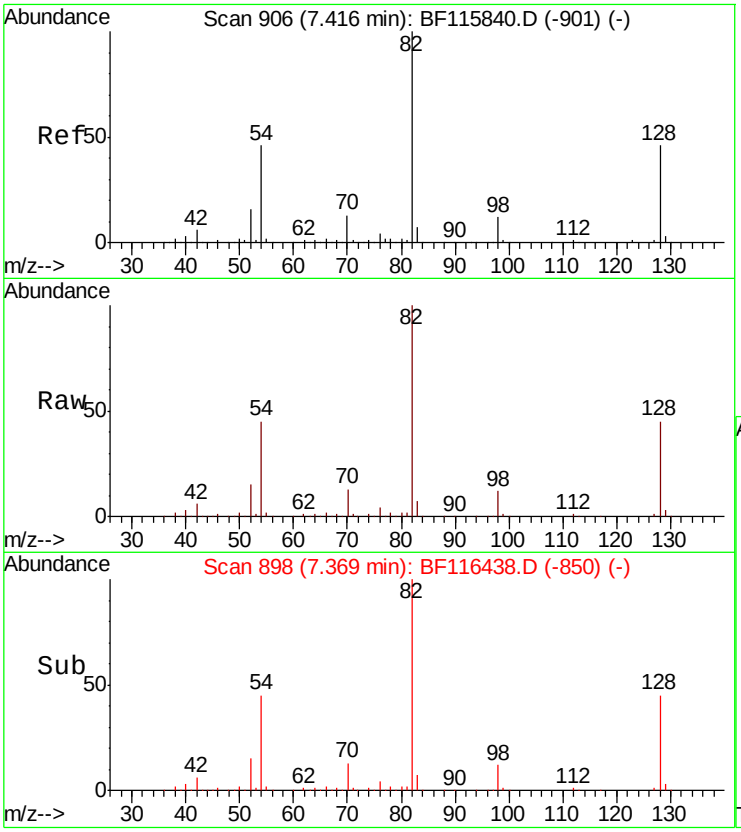


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:136 Resp: 351127

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.5	5.8	8.6
68	5.8	5.2	7.8



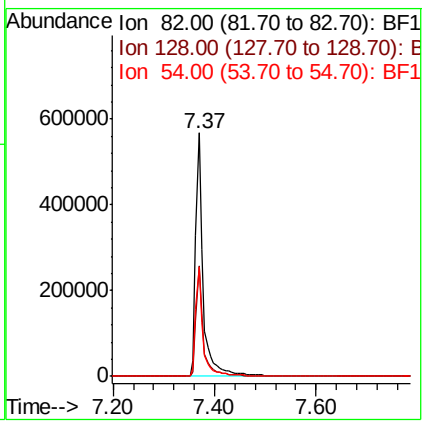


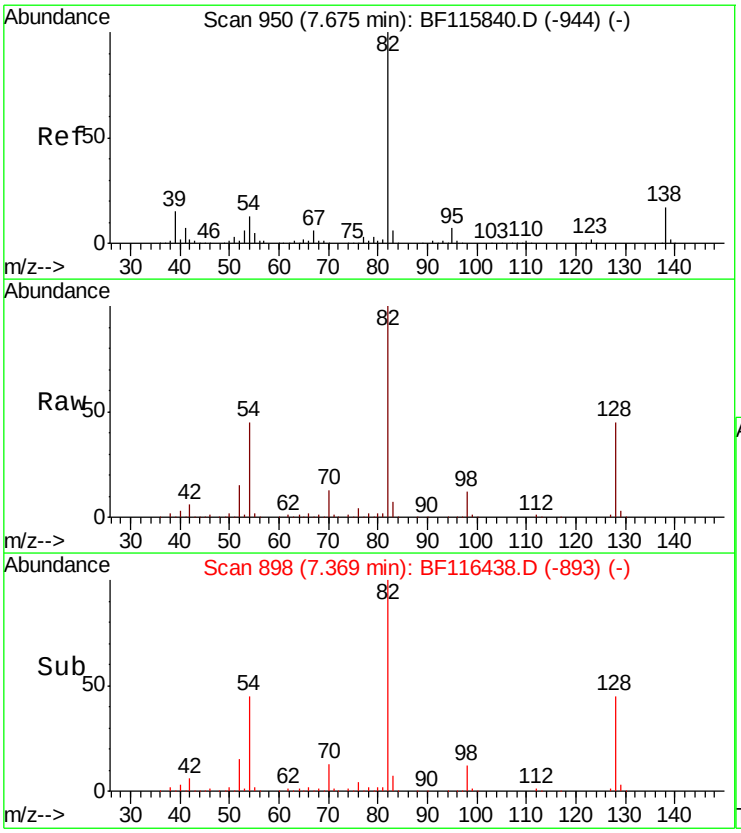
#23
Nitrobenzene-d5
Concen: 96.112 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 584647

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	44.7	36.0	54.0

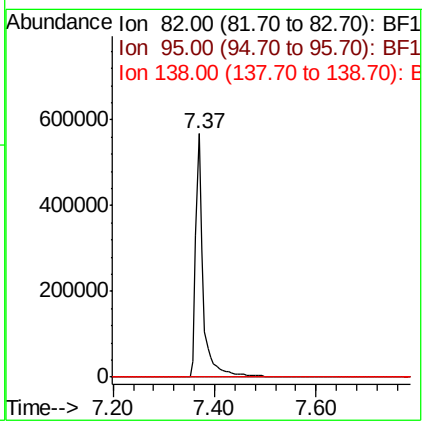


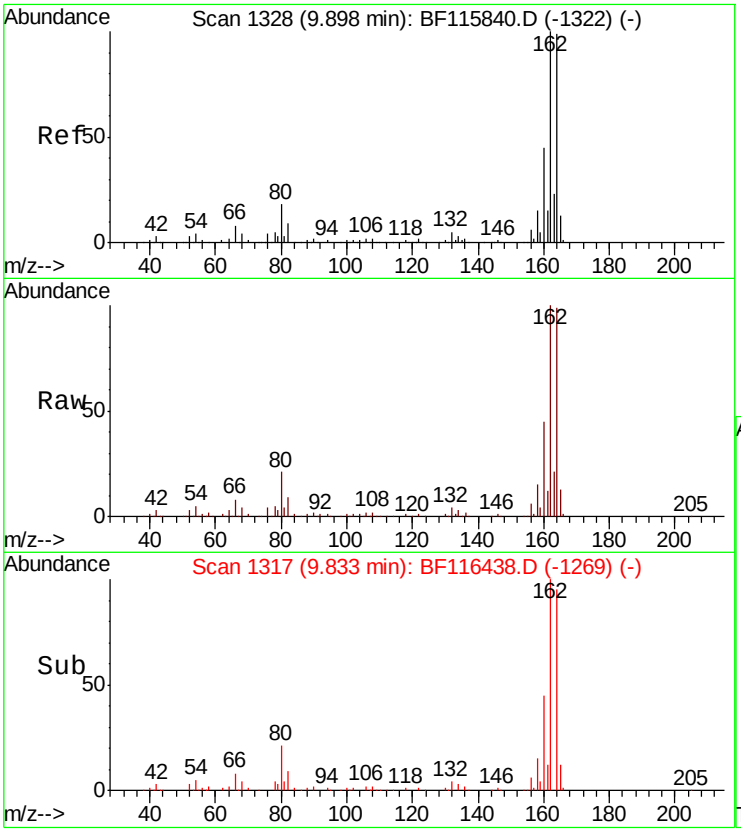


#25
Isophorone
Concen: 50.264 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion: 82 Resp: 584647

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#



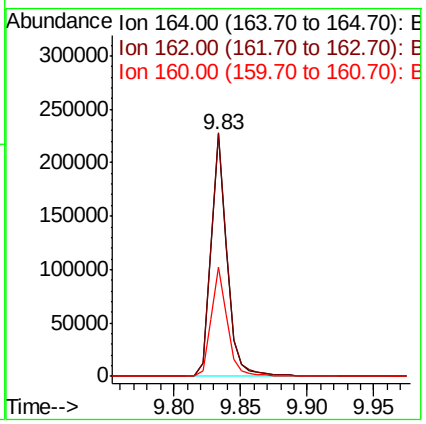


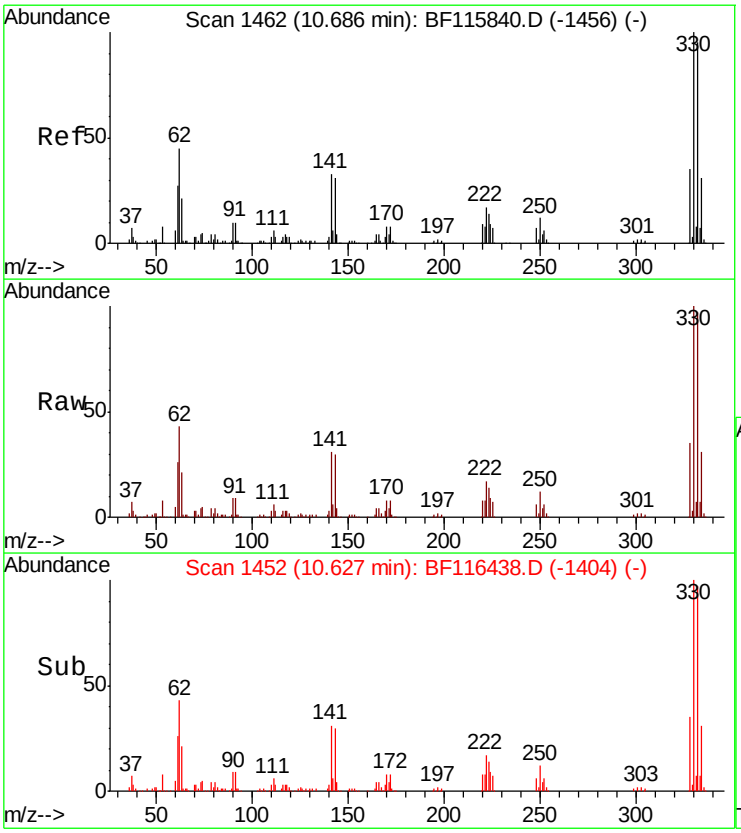
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 192201

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	124.0
160	45.2	37.6	56.4

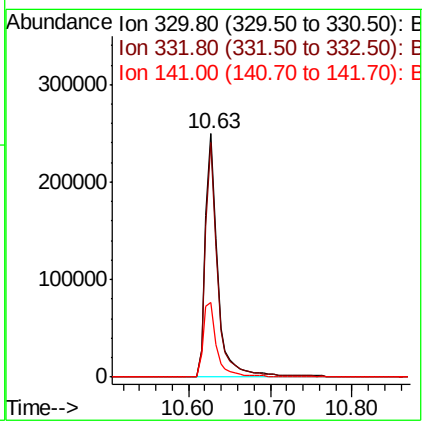


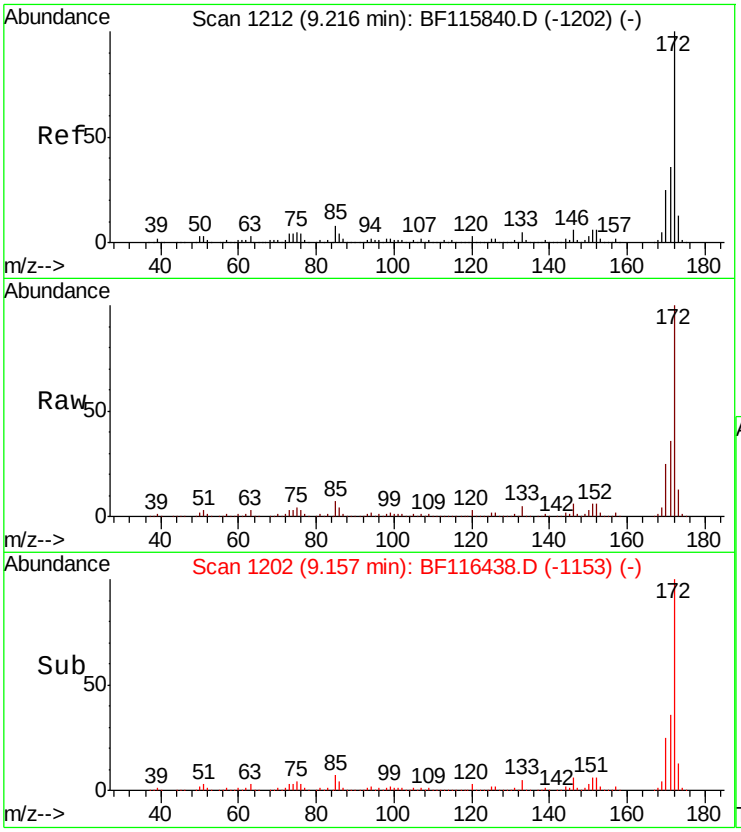


#42
2,4,6-Tribromophenol
Concen: 142.408 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:330 Resp: 265370

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	34.1	26.3	39.5



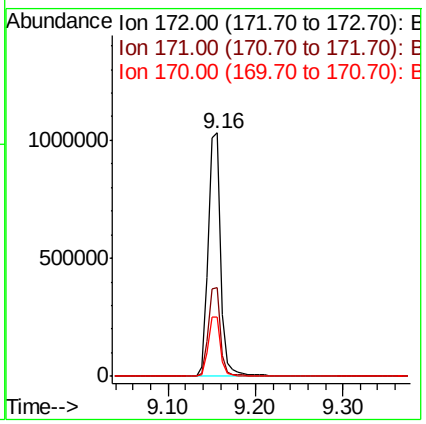


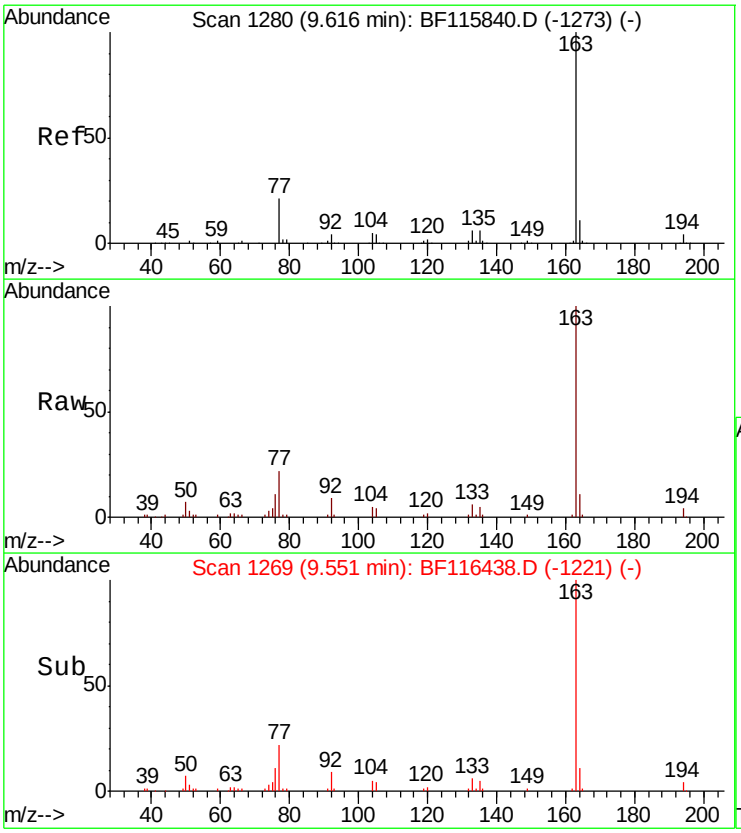
#45
2-Fluorobiphenyl
Concen: 101.152 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1037947

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	20.1	30.1

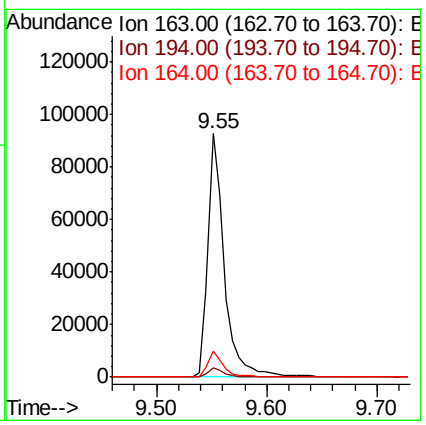


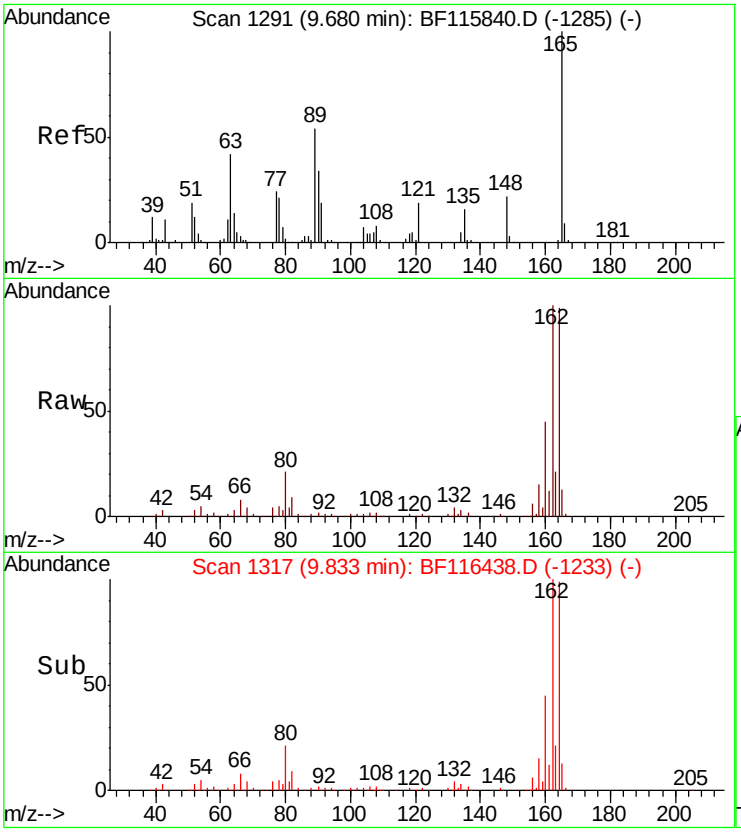


#50
Dimethylphthalate
Concen: 7.146 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:163 Resp: 93512

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.6	8.4	12.6



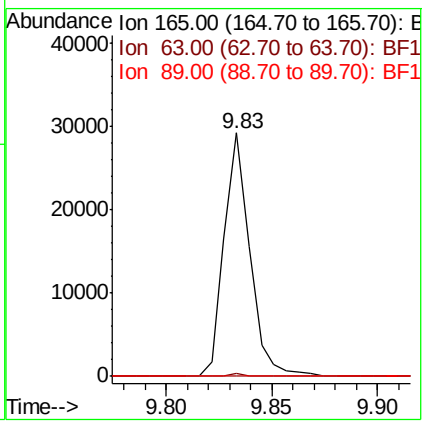


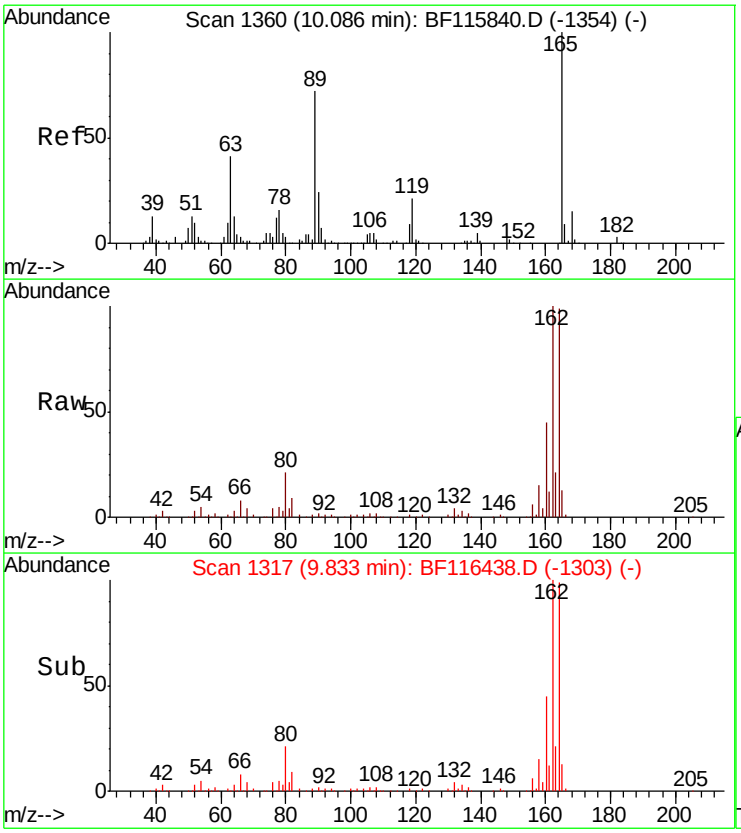
#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24507

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	0.0	42.9	64.3#

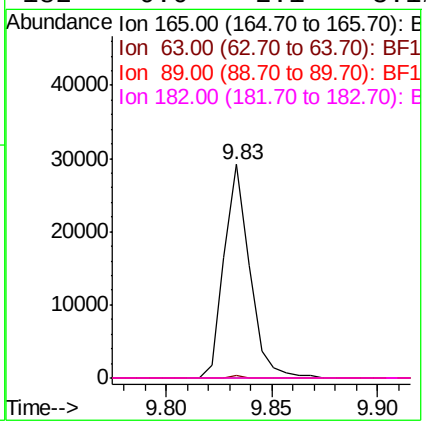


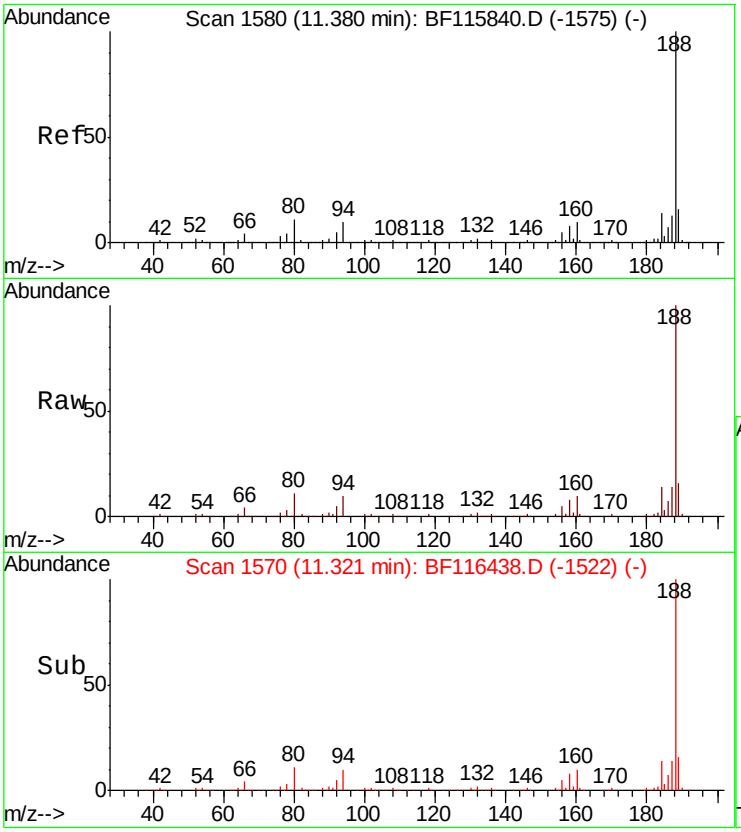


#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:165 Resp: 24507

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	0.0	62.2	93.2#
182	0.0	2.1	3.1#



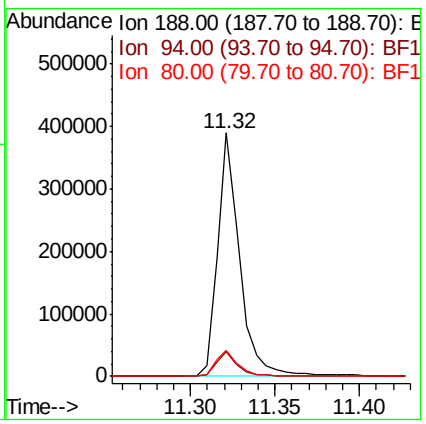


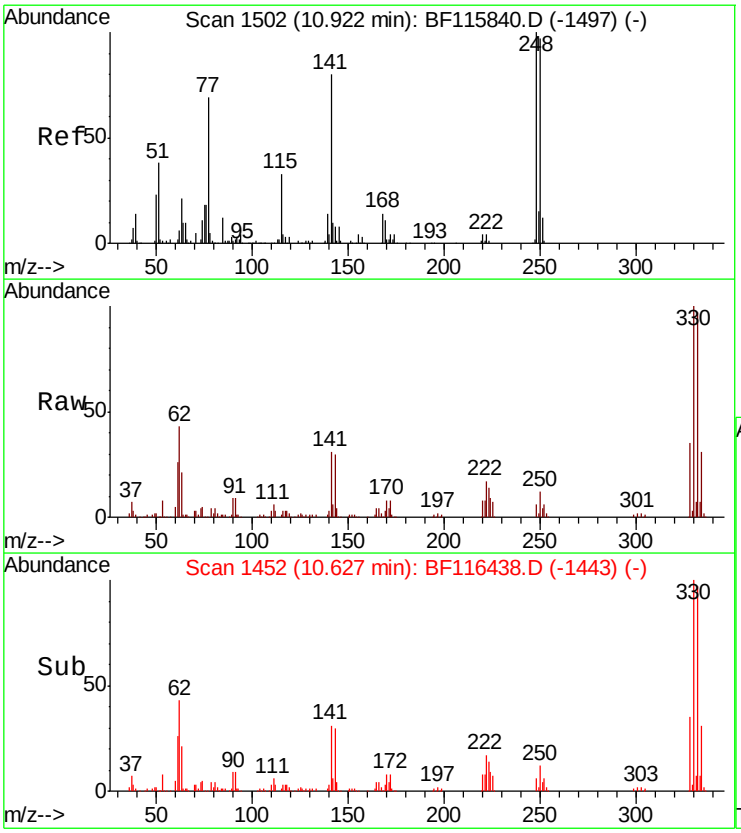
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 354231

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.8	8.7	13.1

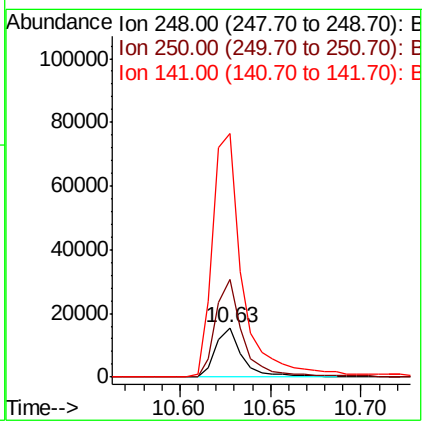


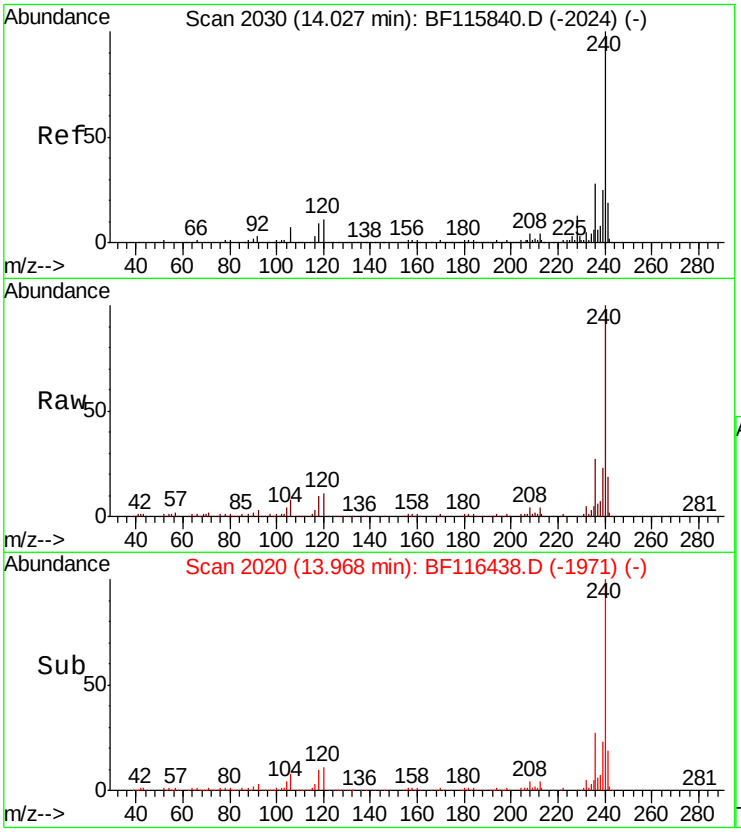


#67
4-Bromophenyl-phenylether
Concen: 4.195 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:248 Resp: 15908

Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.4	116.2#
141	491.7	56.8	85.2#



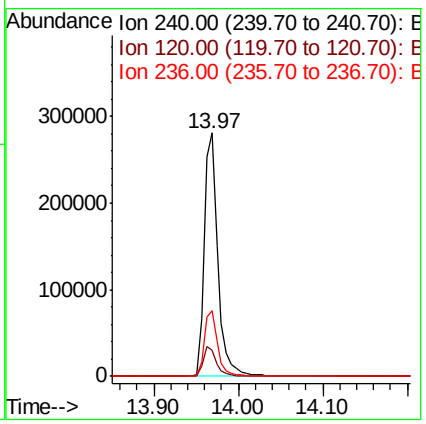


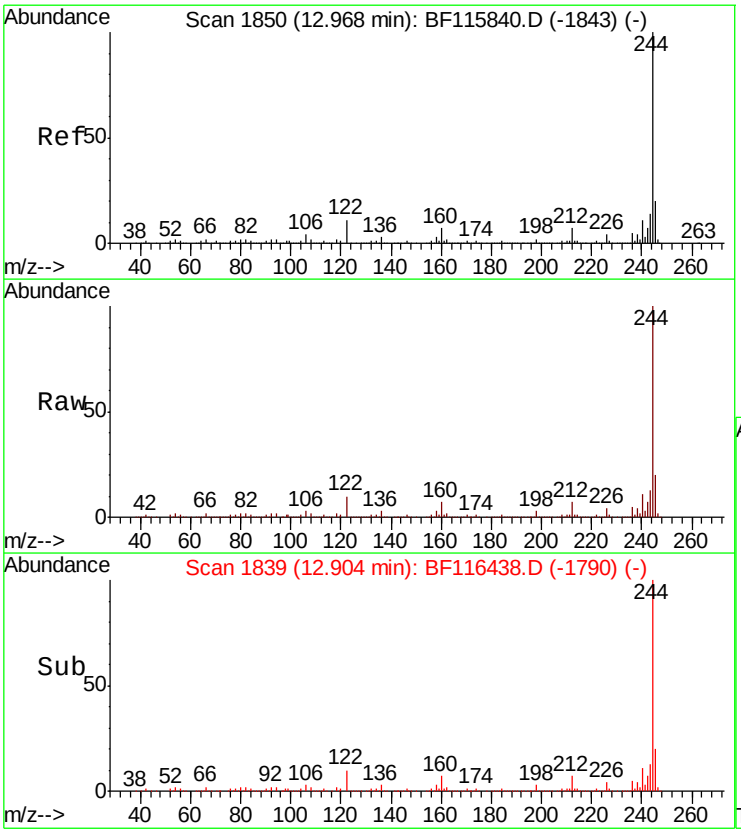
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 314354

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.7	16.1
236	27.0	22.2	33.2

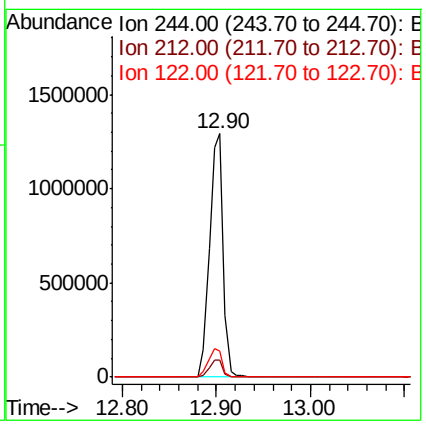


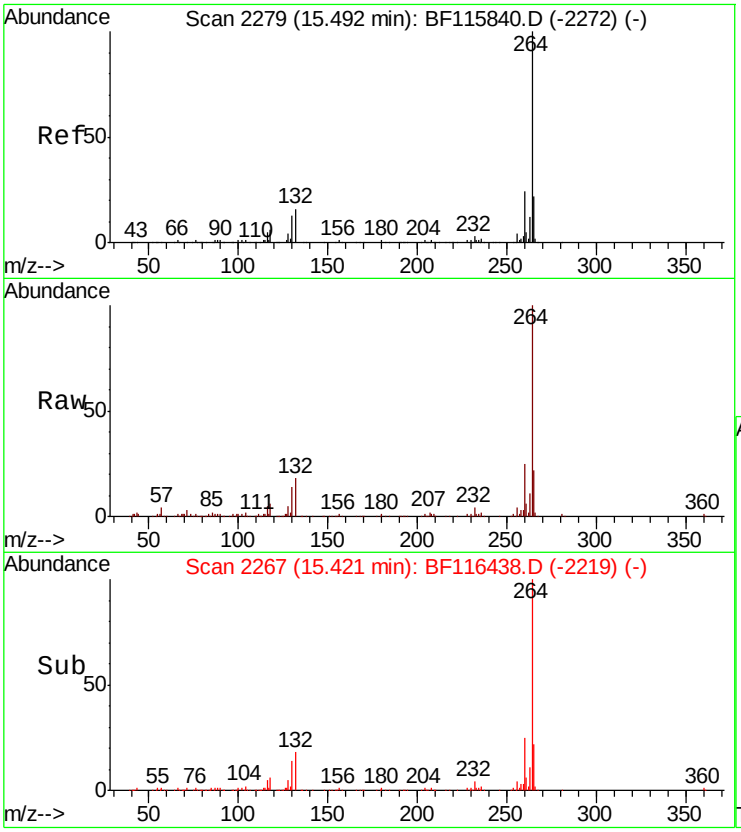


#79
Terphenyl-d14
Concen: 88.478 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:244 Resp: 1319940

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 318192

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.2	17.4	26.0