Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116108.D
Acq On : 9 Aug 2019 12:58
Operator : HP/JU
Sample : K4219-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 10 02:11:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	112000	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	443618	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	237618	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	440260	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	376617	20.00	ng		-0.01
87) Perylene-d12	15.46	264	327115	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	696591	104.12	ng		0.00
7) Phenol-d6	6.47	99	892342	105.72	ng		-0.01
23) Nitrobenzene-d5	7.40	82	550221	71.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	222668	96.65	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	893858	70.46	ng		-0.01
79) Terphenyl-d14	12.94	244	1142208	63.91	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	69958	7.038	ng		85
19) n-Nitroso-di-n-propylamine	7.40	70	70688	13.514	ng	#	80
25) Isophorone	7.40	82	550219	37.442	ng	#	65
50) Dimethylphthalate	9.59	163	67079	4.146	ng		98
51) 2,6-Dinitrotoluene	9.87	165	30393	8.644	ng	#	29
57) 2,4-Dinitrotoluene	9.87	165	30393	6.492	ng	#	20
67) 4-Bromophenyl-phenylether	10.66	248	13414	2.846	ng	#	1

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

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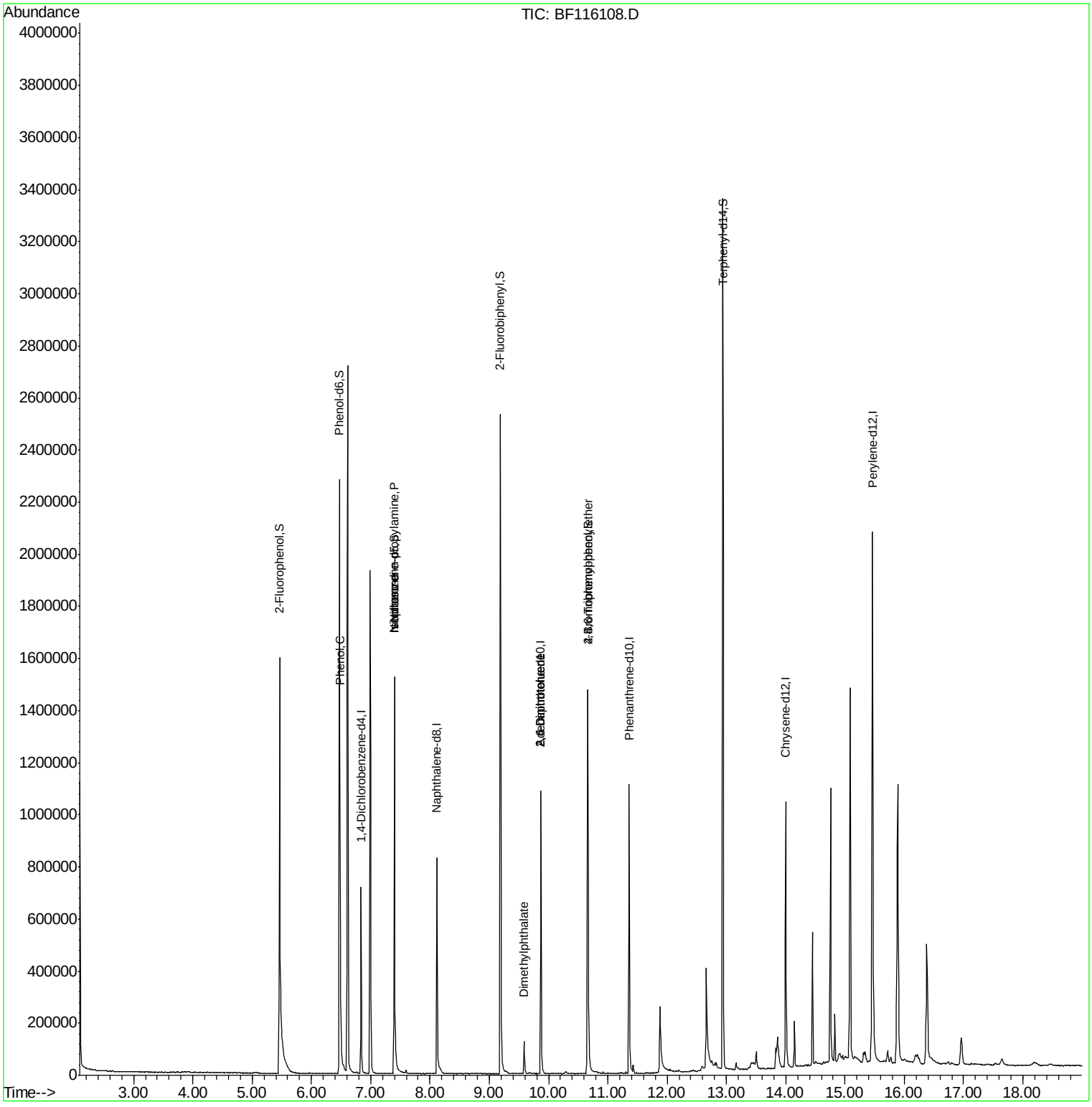
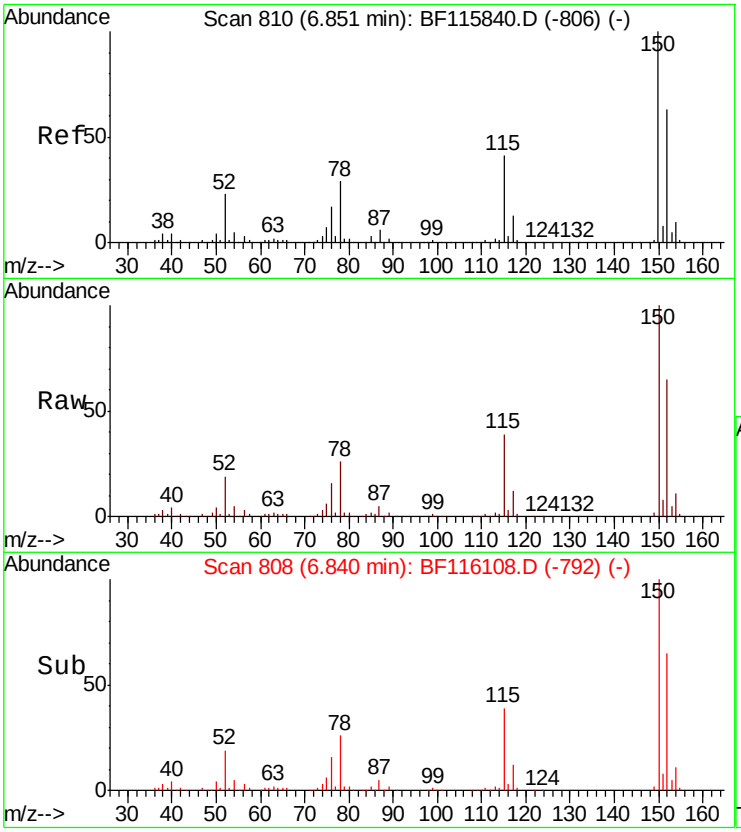
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



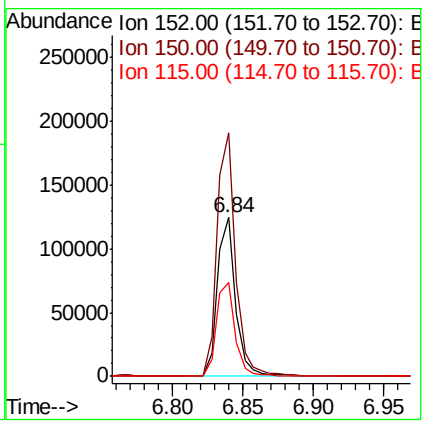


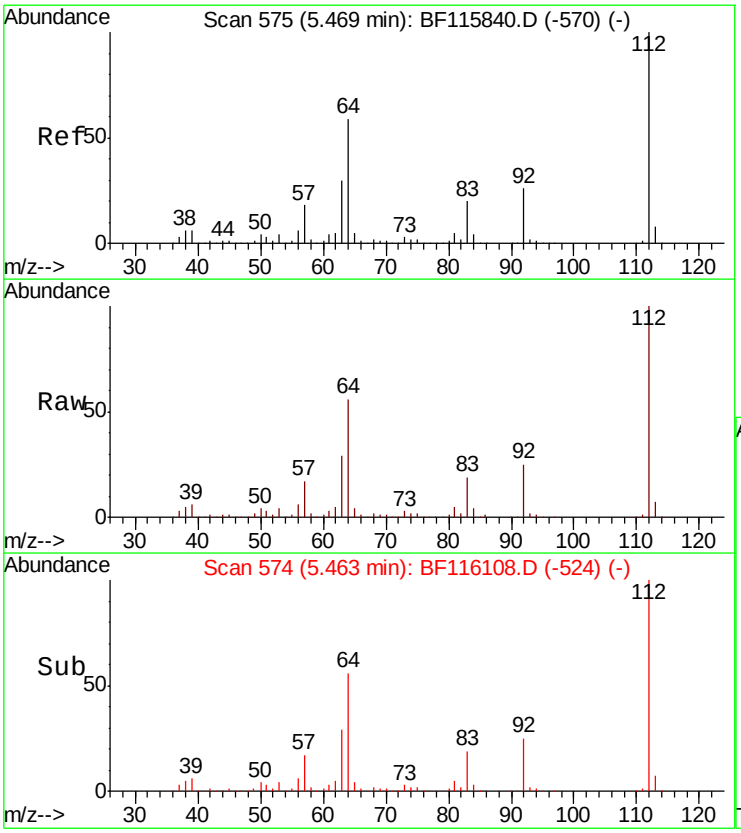
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112000

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	59.3	49.9	74.9

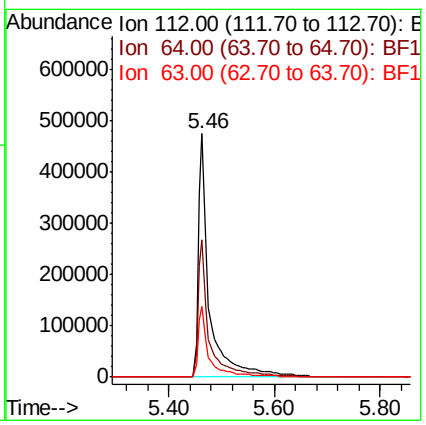


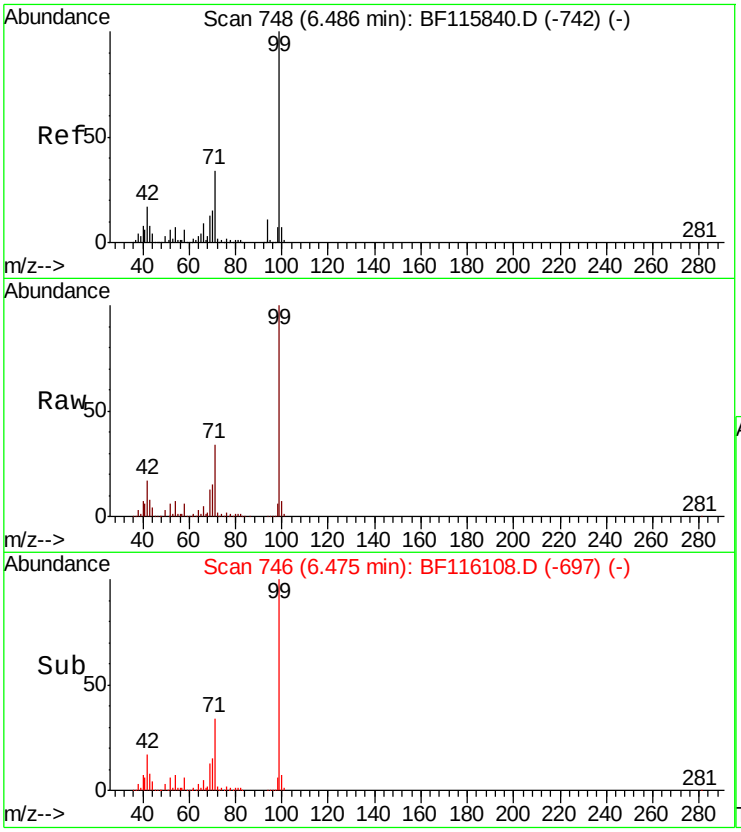


#5
2-Fluorophenol
Concen: 104.119 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:112 Resp: 696591

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.0	23.7	35.5



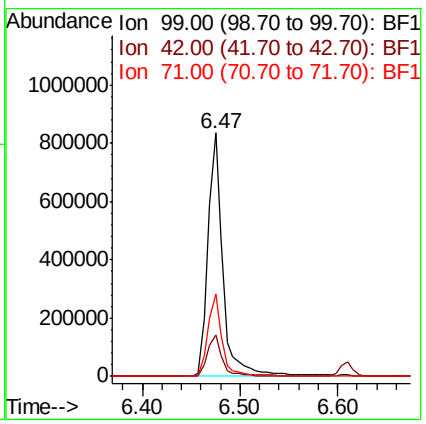


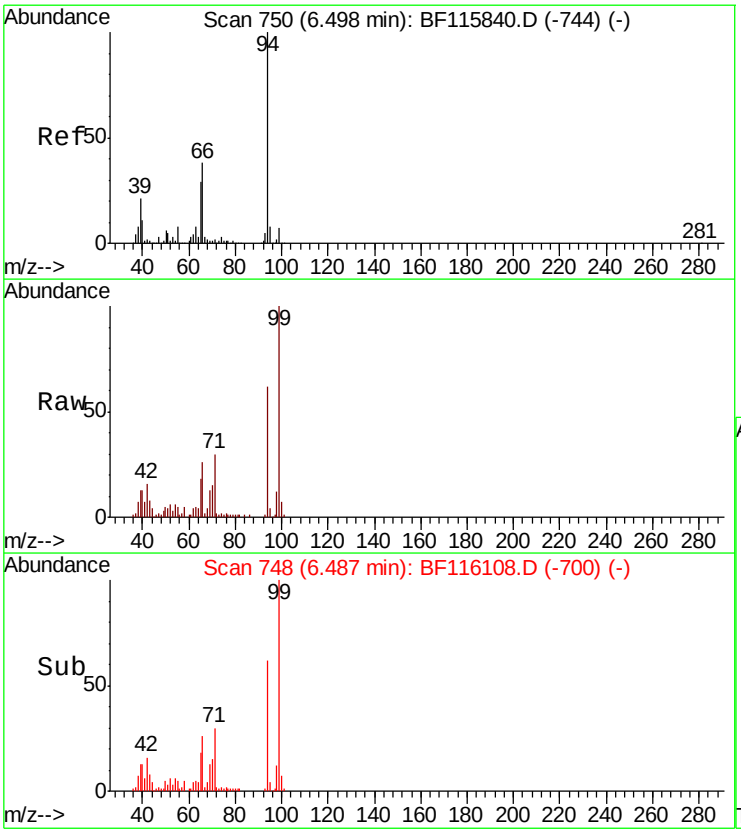
#7
Phenol-d6
Concen: 105.715 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 892342

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	33.8	27.3	40.9

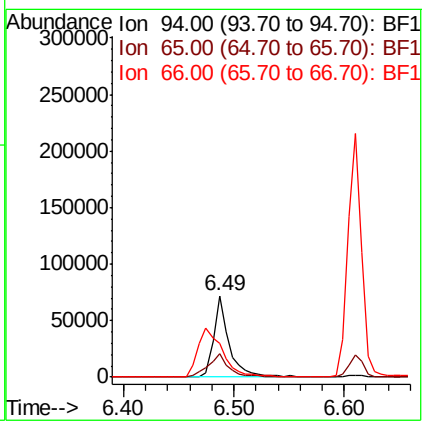


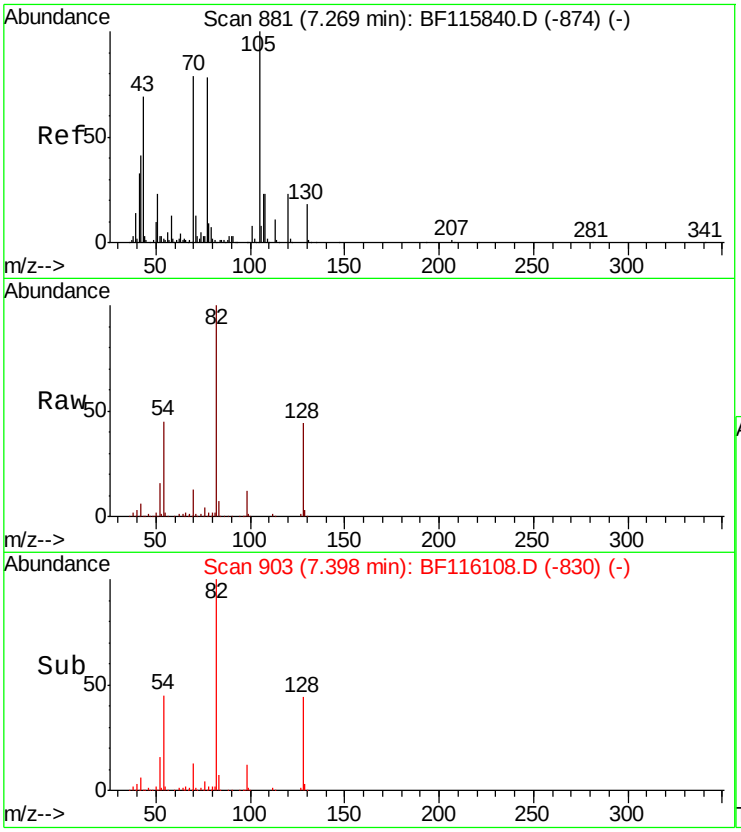


#10
Phenol
Concen: 7.038 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion: 94 Resp: 69958

Ion	Ratio	Lower	Upper
94	100		
65	28.9	16.8	56.8
66	42.1	34.2	74.2



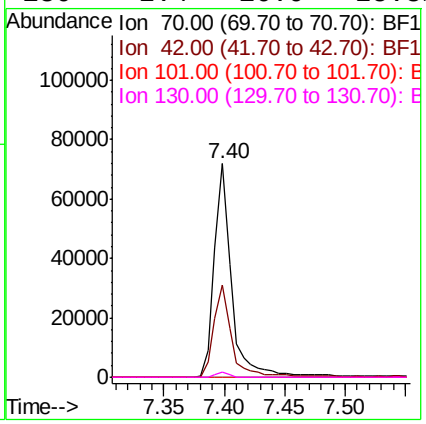


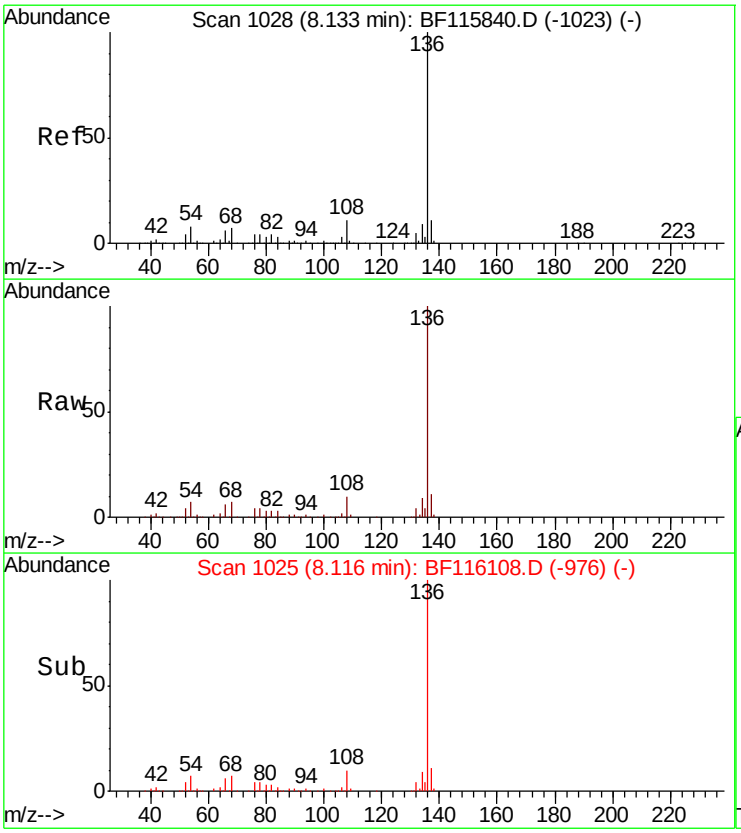
#19
n-Nitroso-di-n-propylamine
Concen: 13.514 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 70688

Ion	Ratio	Lower	Upper
70	100		
42	43.2	40.9	61.3
101	0.0	7.9	11.9#
130	2.4	16.9	25.3#

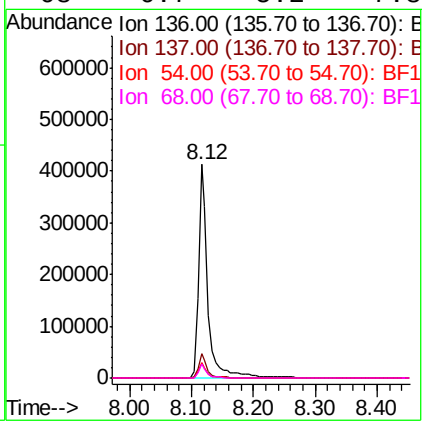


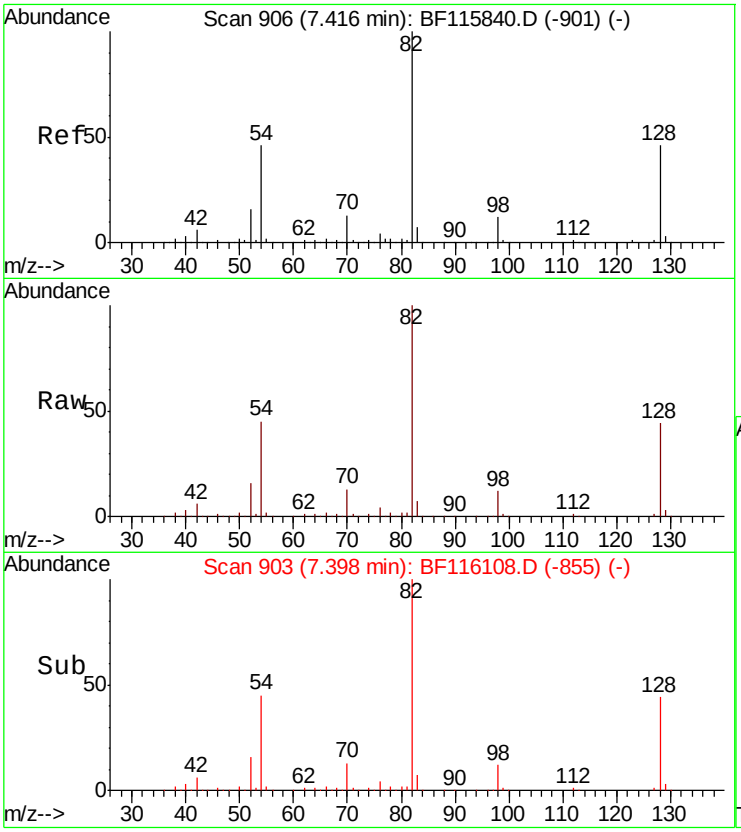


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:136 Resp: 443618

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8



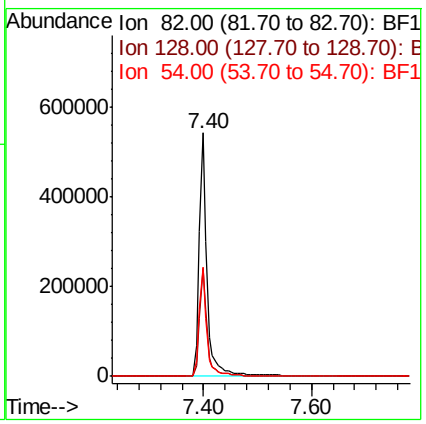


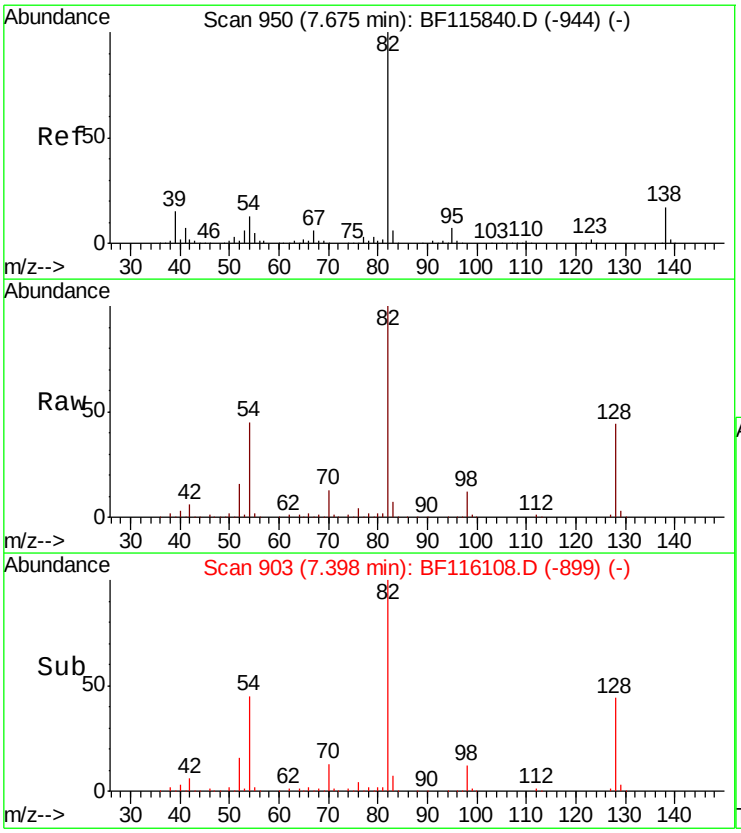
#23
Nitrobenzene-d5
Concen: 71.594 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 550221

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.5	54.7
54	44.8	36.0	54.0

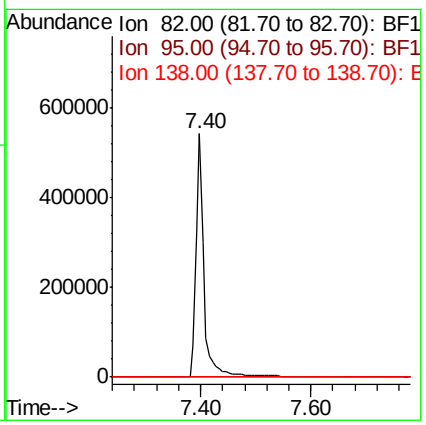


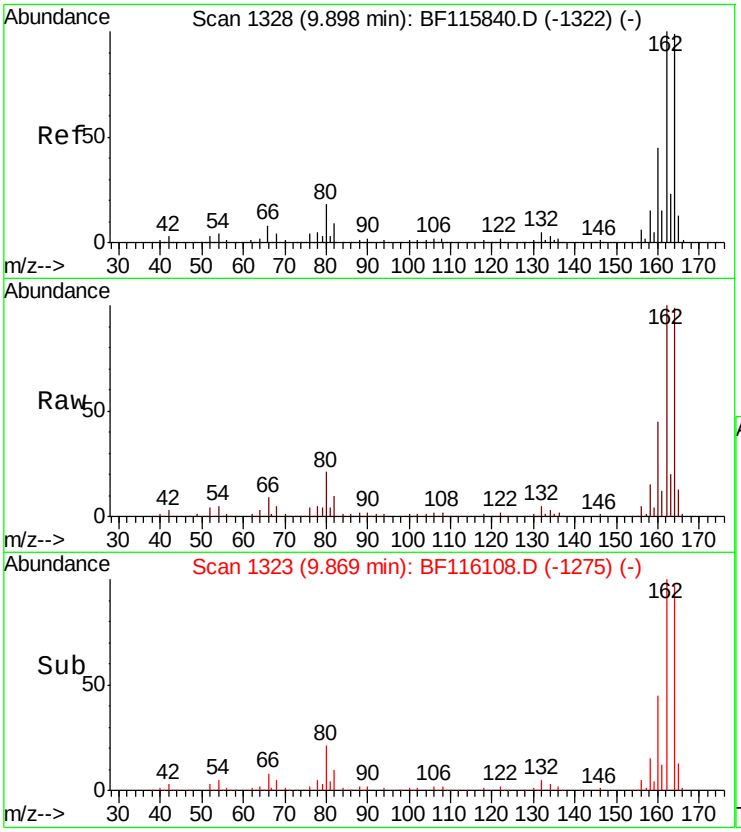


#25
Isophorone
Concen: 37.442 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion: 82 Resp: 550219

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



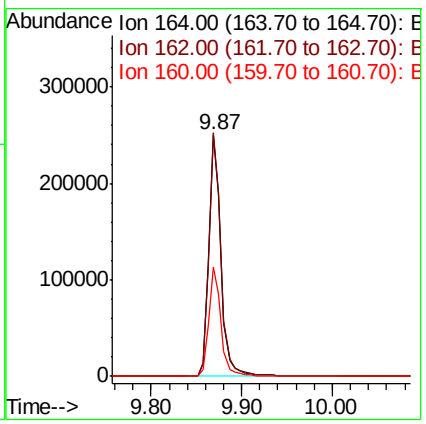


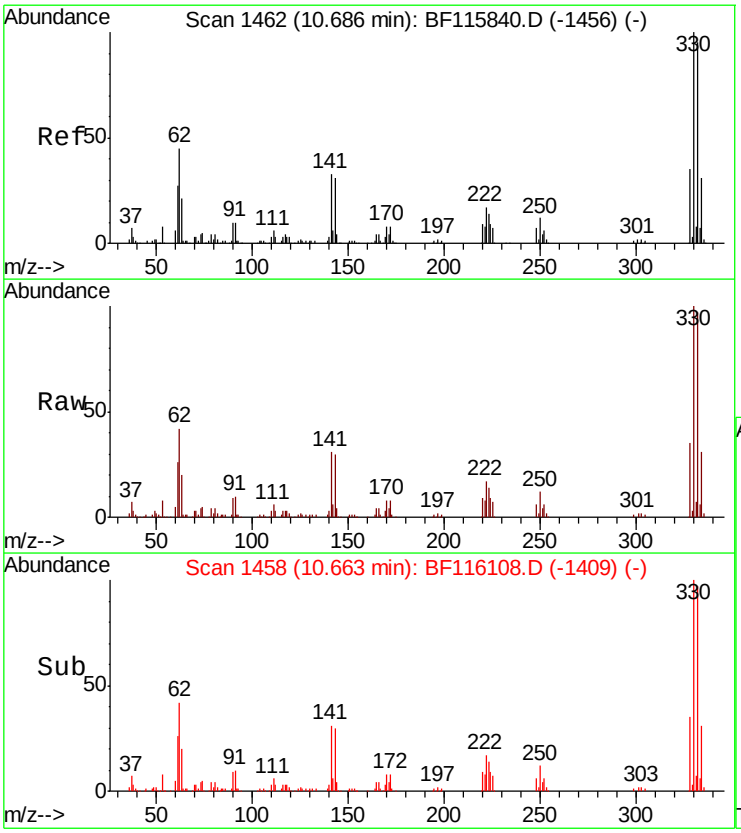
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 237618

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	124.0
160	45.4	37.6	56.4

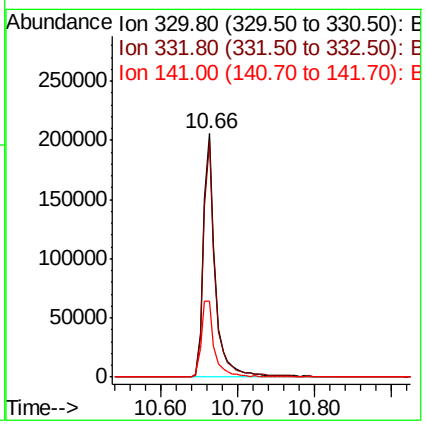


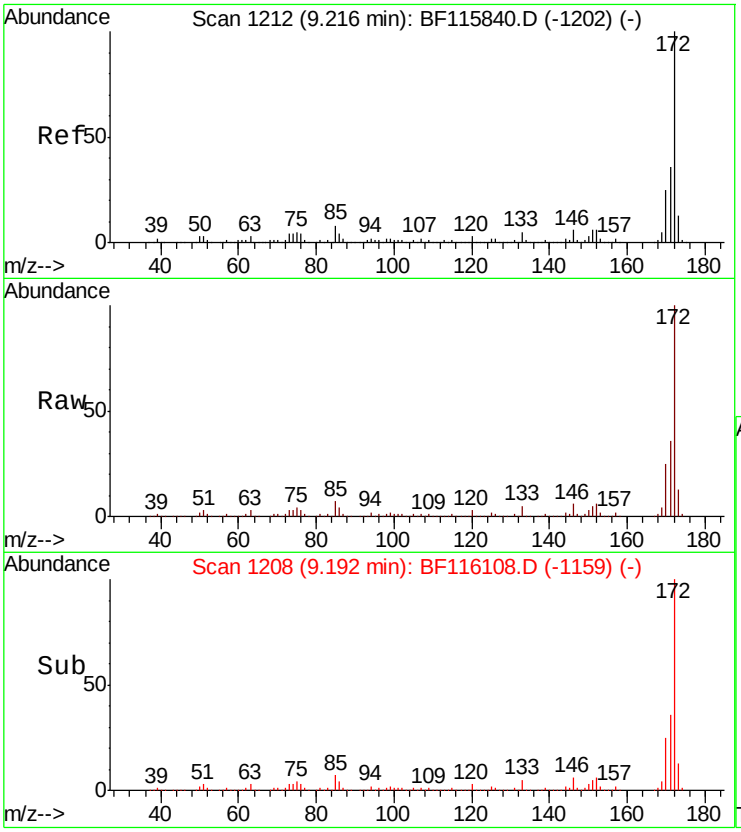


#42
2,4,6-Tribromophenol
Concen: 96.654 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:330 Resp: 222668

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.8	26.3	39.5



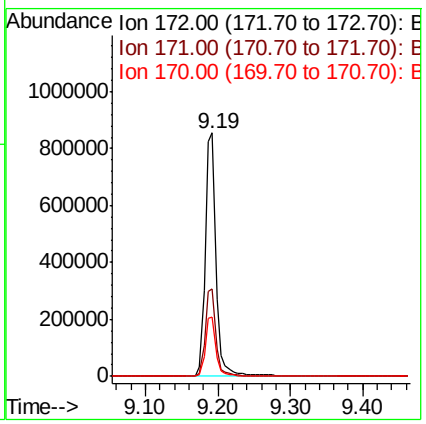


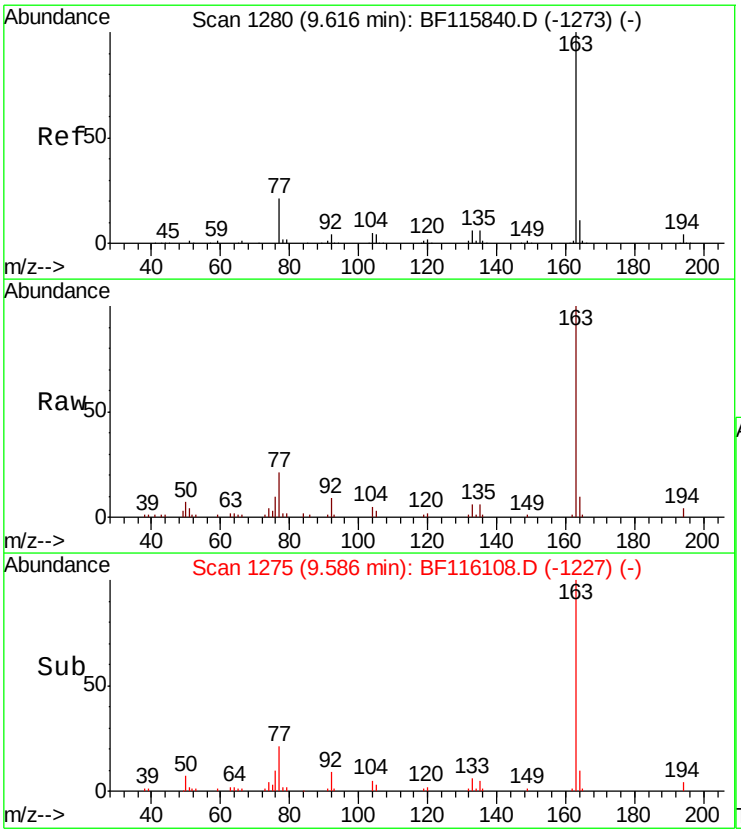
#45
2-Fluorobiphenyl
Concen: 70.460 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 893858

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	20.1	30.1

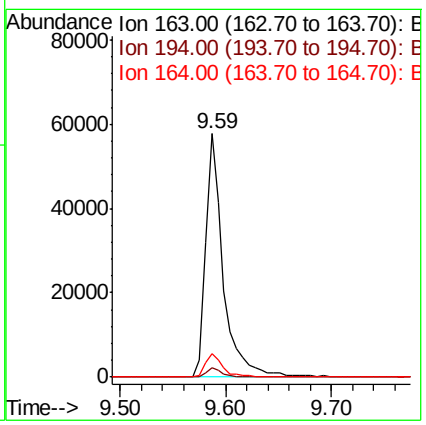


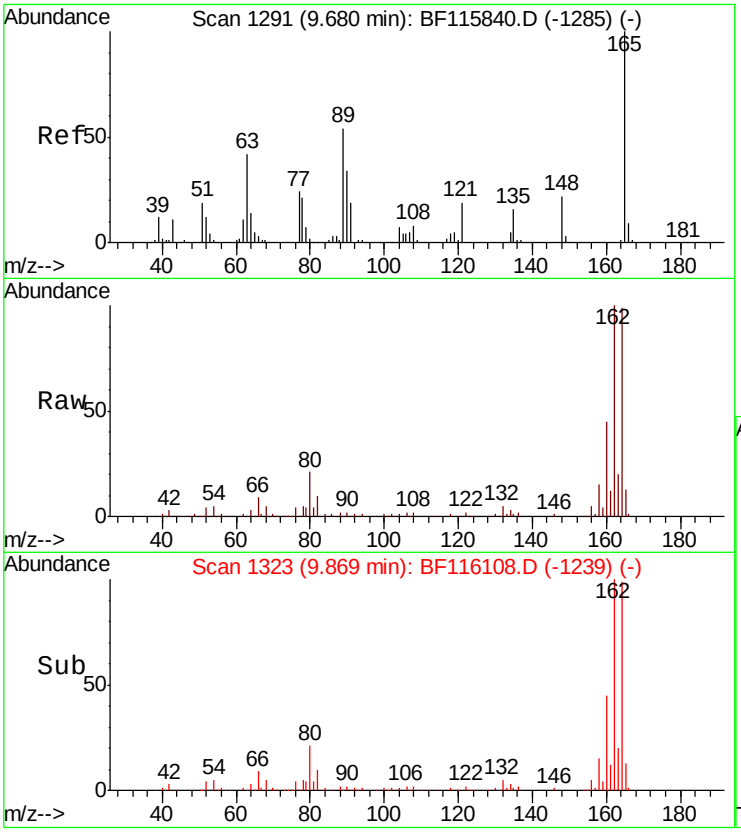


#50
Dimethylphthalate
Concen: 4.146 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:163 Resp: 67079

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.6	8.4	12.6



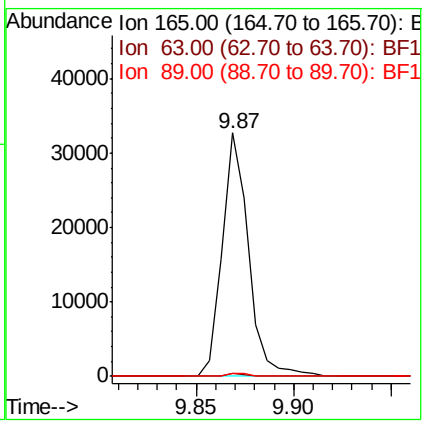


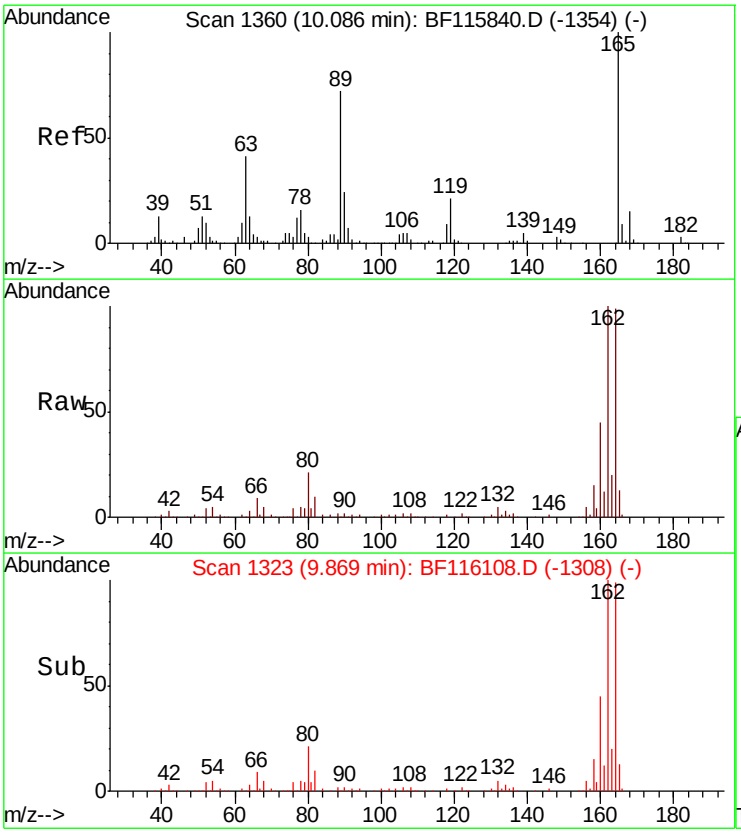
#51
2,6-Dinitrotoluene
Concen: 8.644 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30393

Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.2	42.9	64.3#

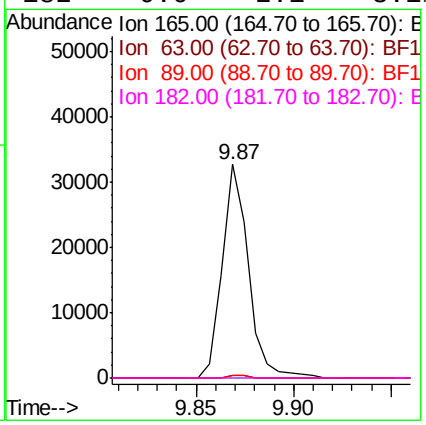


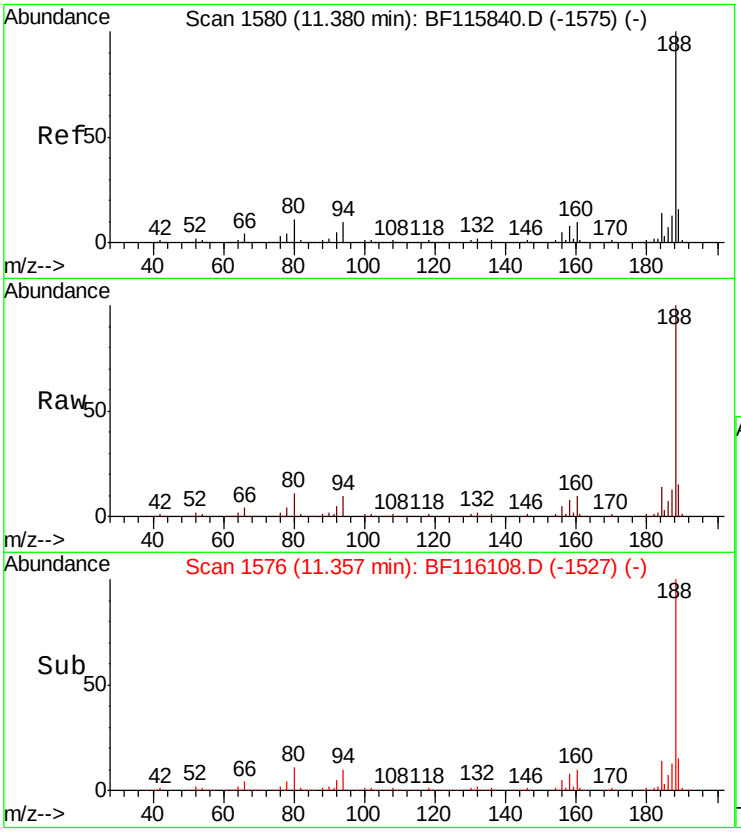


#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:165 Resp: 30393

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.2	62.2	93.2#
182	0.0	2.1	3.1#



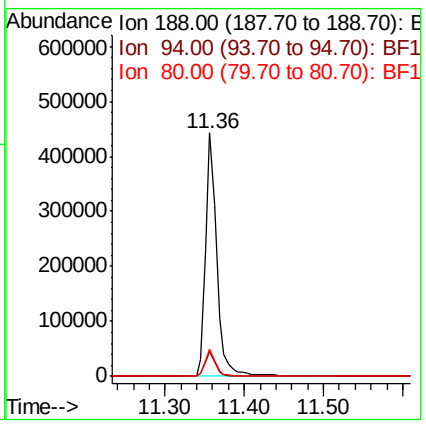


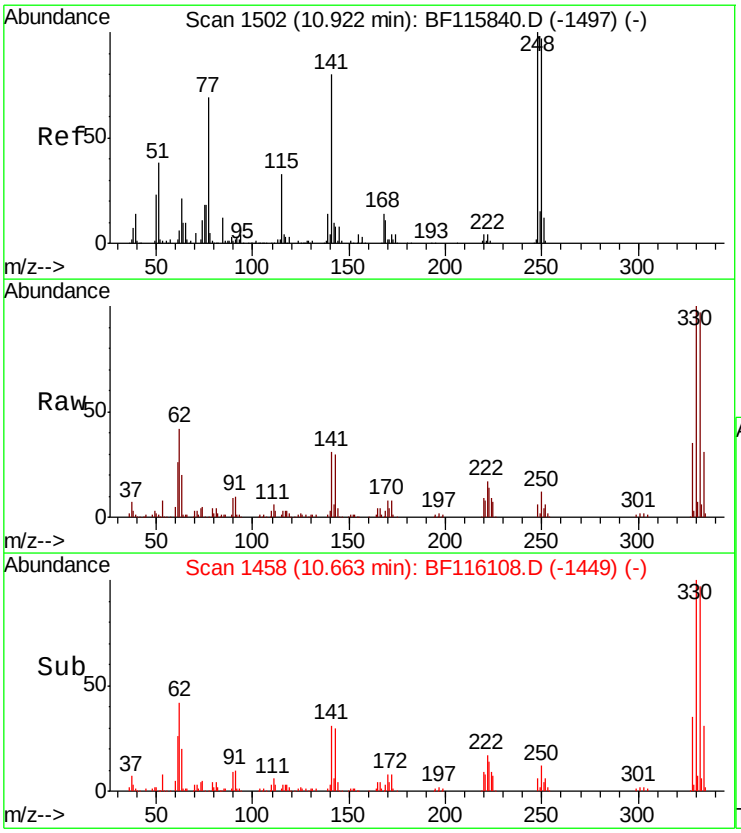
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 440260

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.0	8.7	13.1

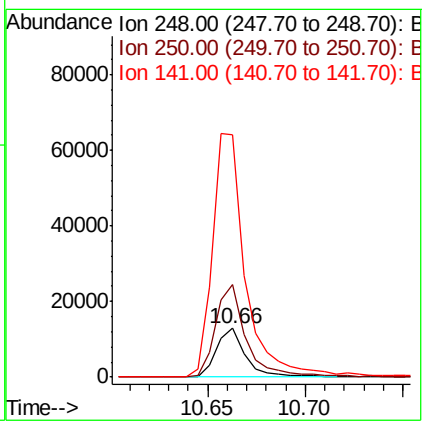


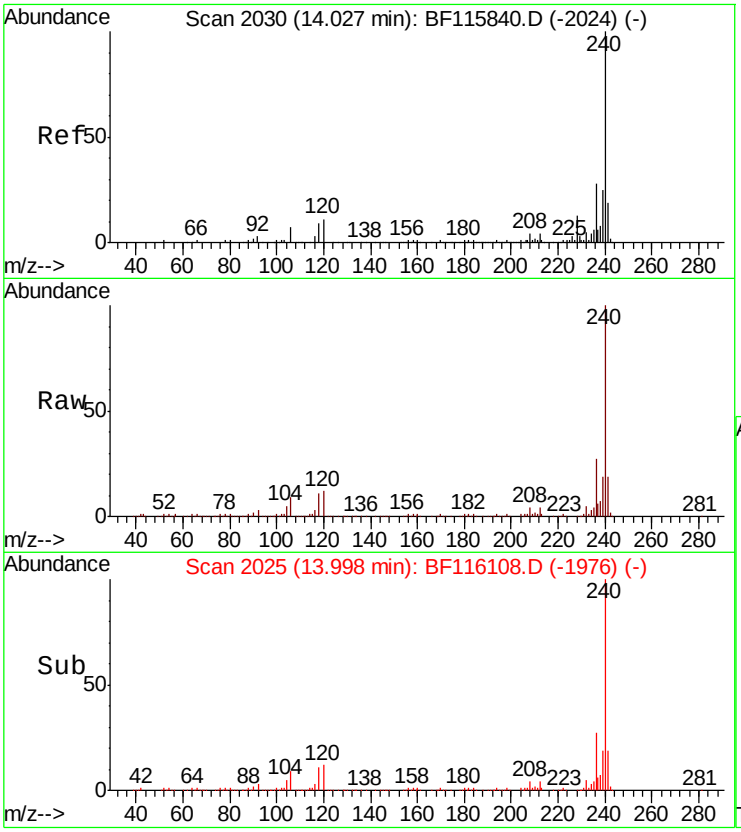


#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:248 Resp: 13414

Ion	Ratio	Lower	Upper
248	100		
250	188.9	77.4	116.2#
141	495.2	56.8	85.2#



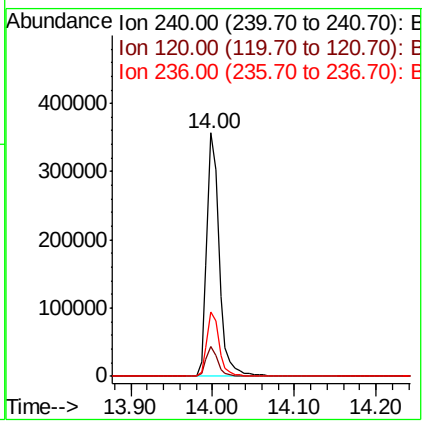


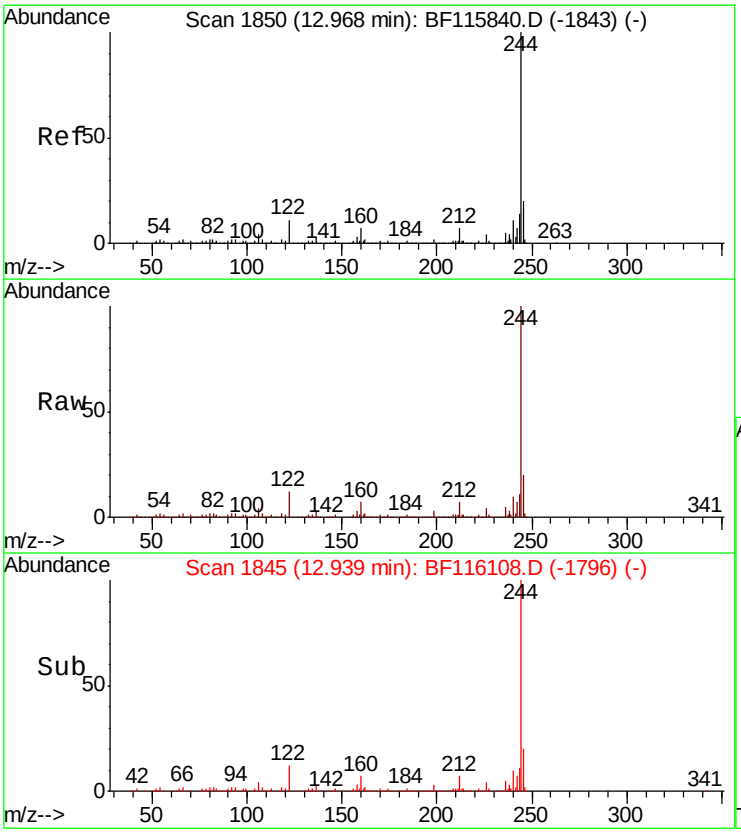
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 376617

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.7	16.1
236	26.6	22.2	33.2

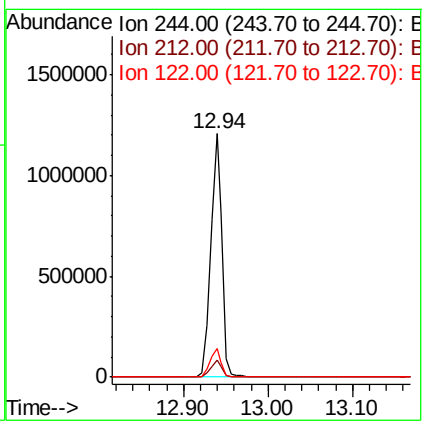


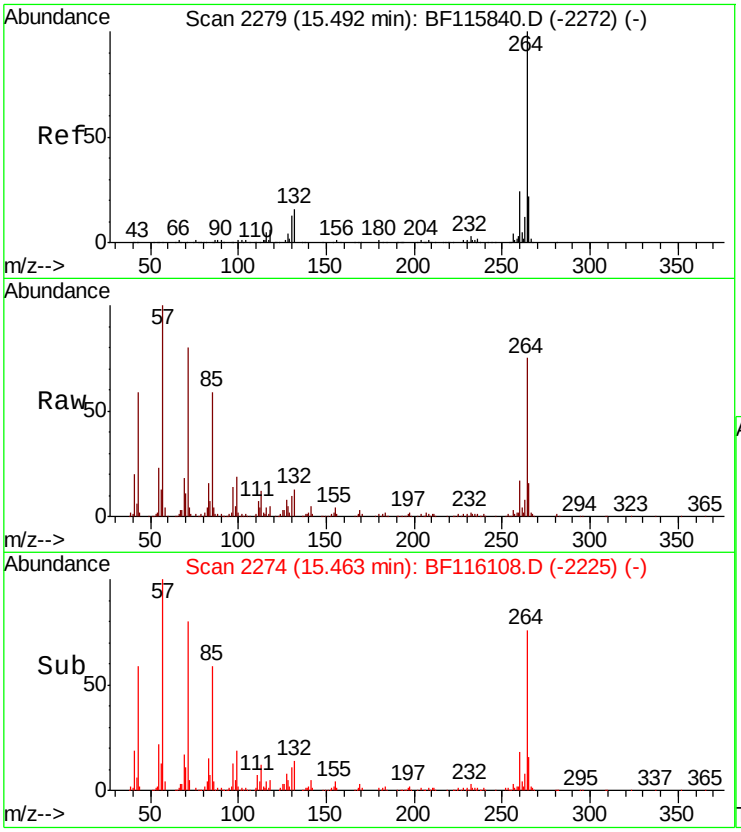


#79
Terphenyl-d14
Concen: 63.906 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:244 Resp: 1142208

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 327115

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	21.1	17.4	26.0