Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116394.D
Acq On : 19 Aug 2019 18:18
Operator : HP/JU
Sample : K4324-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-F1-(0-4)

Quant Time: Aug 20 01:41:12 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	96714	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	363762	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	197096	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	368671	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	351395	20.00	ng	-0.02
87) Perylene-d12	15.42	264	369609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	804346	139.23	ng	0.00
7) Phenol-d6	6.45	99	984711	135.10	ng	-0.01
23) Nitrobenzene-d5	7.37	82	709475	112.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	324784	169.96	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1196404	113.70	ng	-0.01
79) Terphenyl-d14	12.90	244	1574308	94.40	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	11662	2.108	ng	# 49
19) n-Nitroso-di-n-propylamine	7.37	70	93489	20.698	ng	# 78
25) Isophorone	7.37	82	709475	58.877	ng	# 65
50) Dimethylphthalate	9.55	163	31608	2.355	ng	99
51) 2,6-Dinitrotoluene	9.83	165	24934	8.550	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	24934	6.421	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	19675	4.985	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
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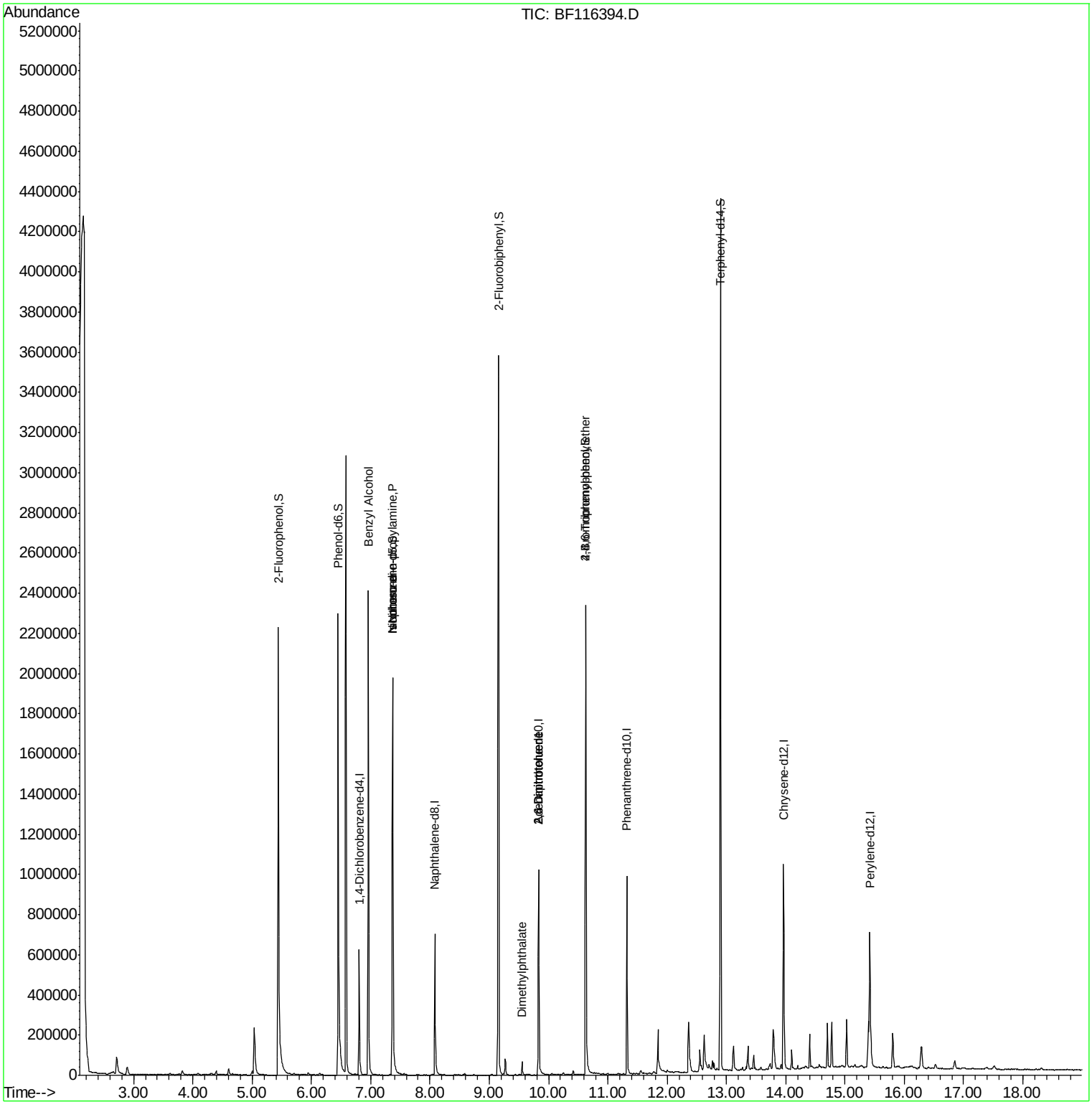
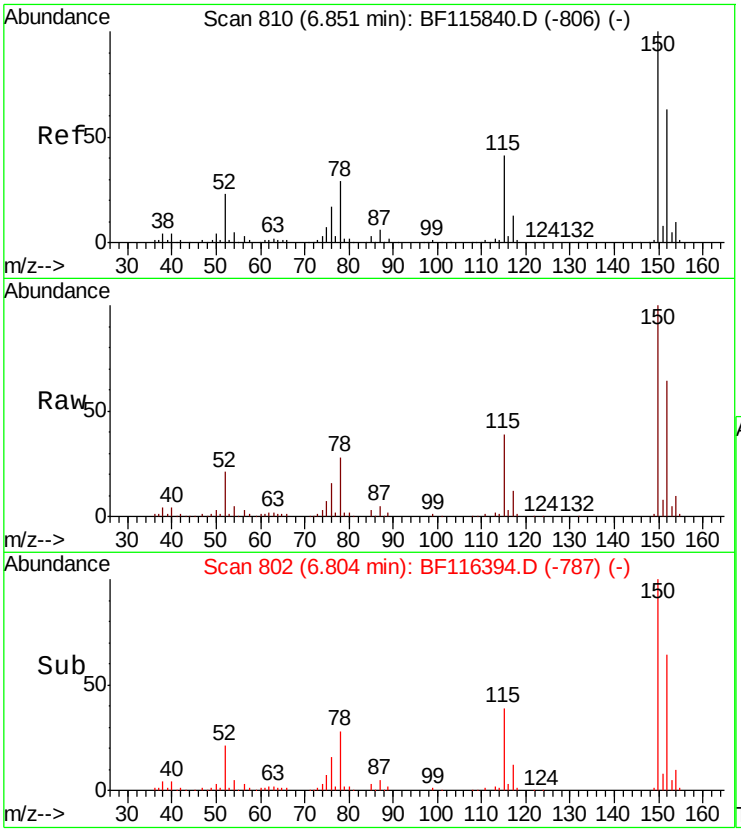


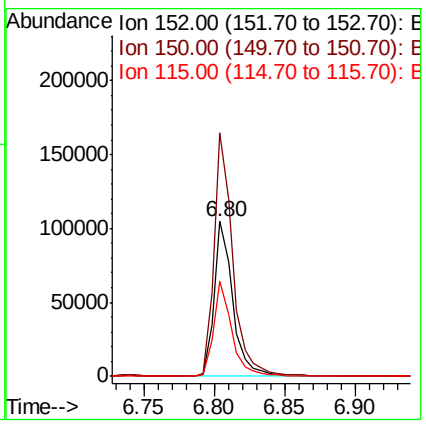


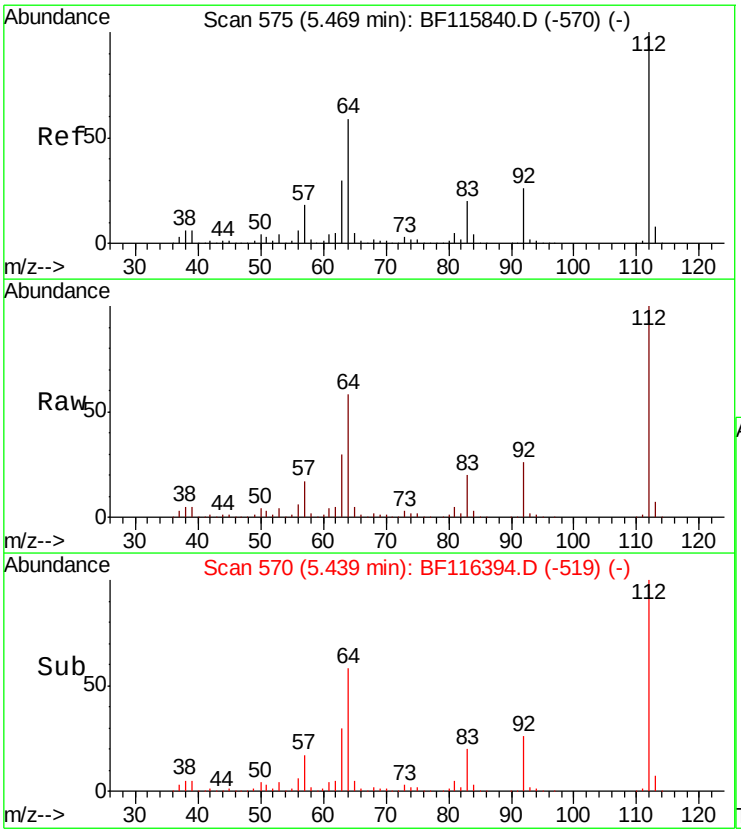
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:152 Resp: 96714

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.2	49.9	74.9

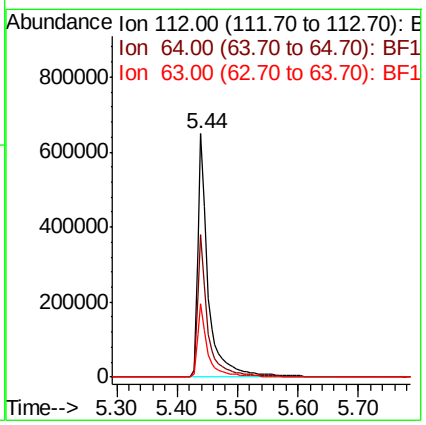


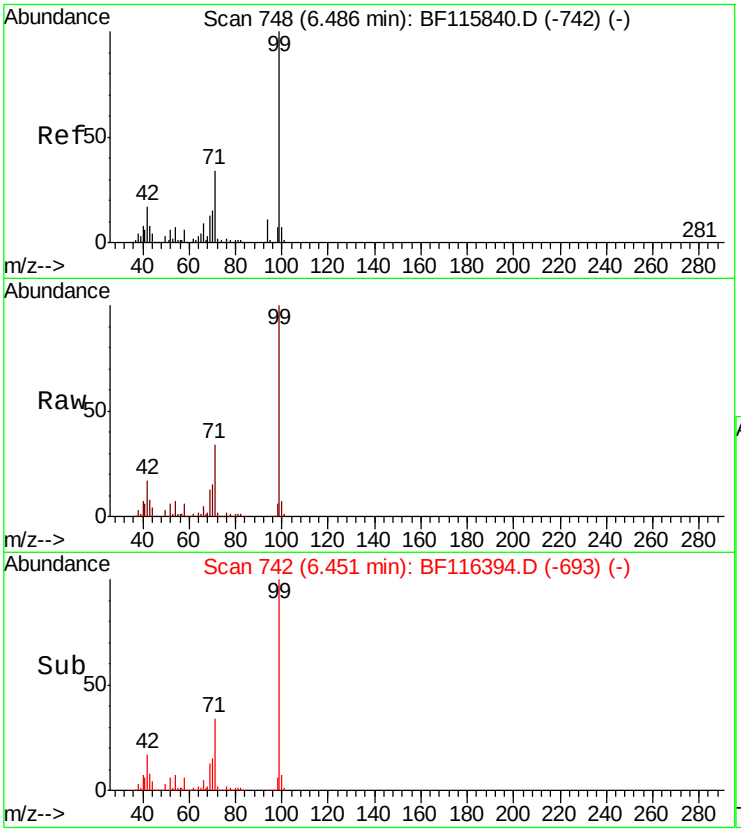


#5
2-Fluorophenol
Concen: 139.227 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:112 Resp: 804346

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	30.1	23.7	35.5



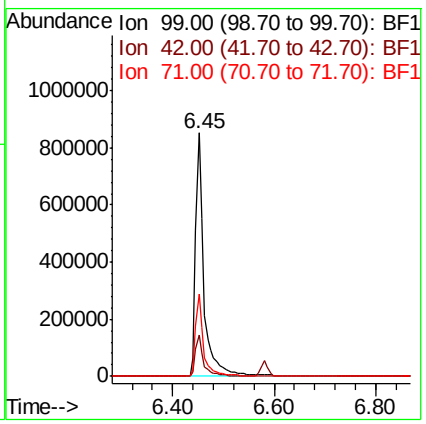


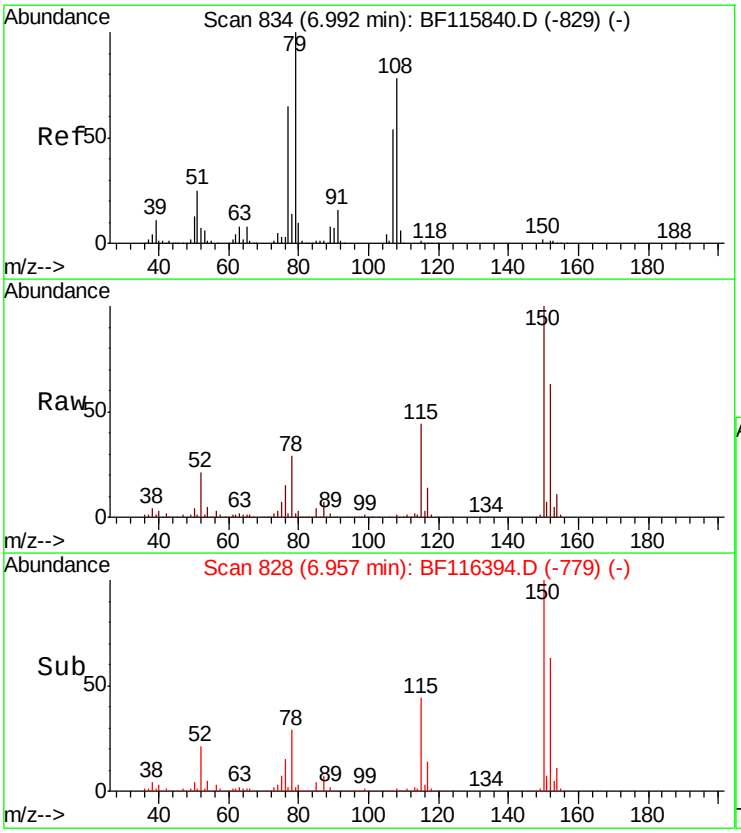
#7
Phenol-d6
Concen: 135.096 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion: 99 Resp: 984711

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	33.6	27.3	40.9

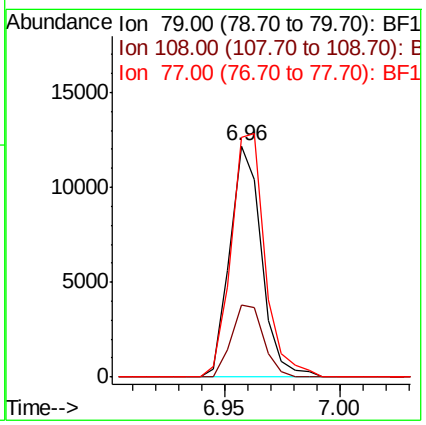


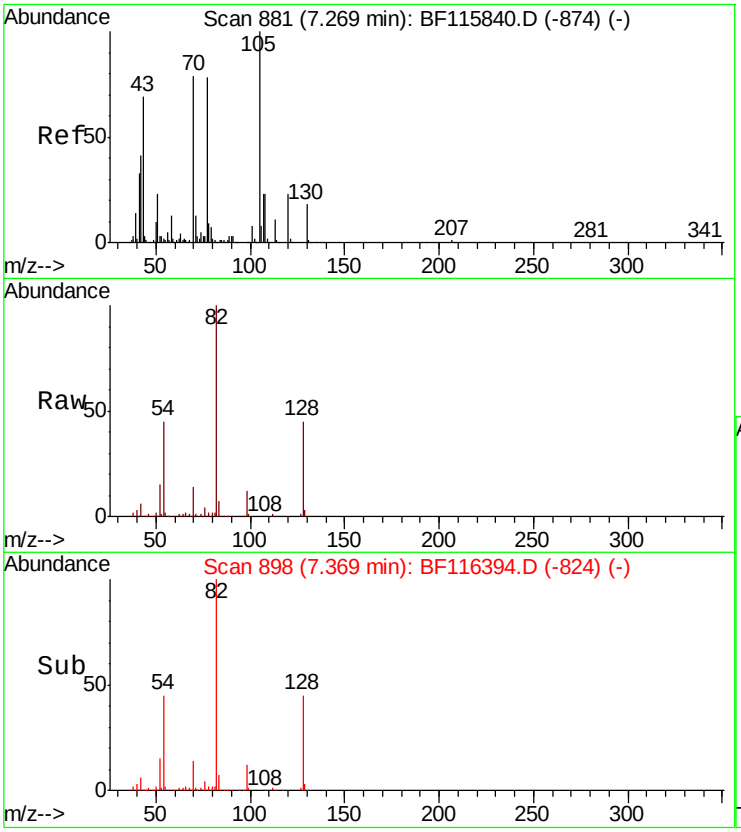


#15
Benzyl Alcohol
Concen: 2.108 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion: 79 Resp: 11662

Ion	Ratio	Lower	Upper
79	100		
108	31.5	62.7	94.1#
77	103.5	52.2	78.2#



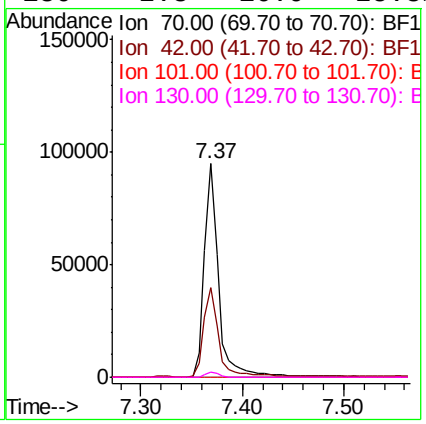


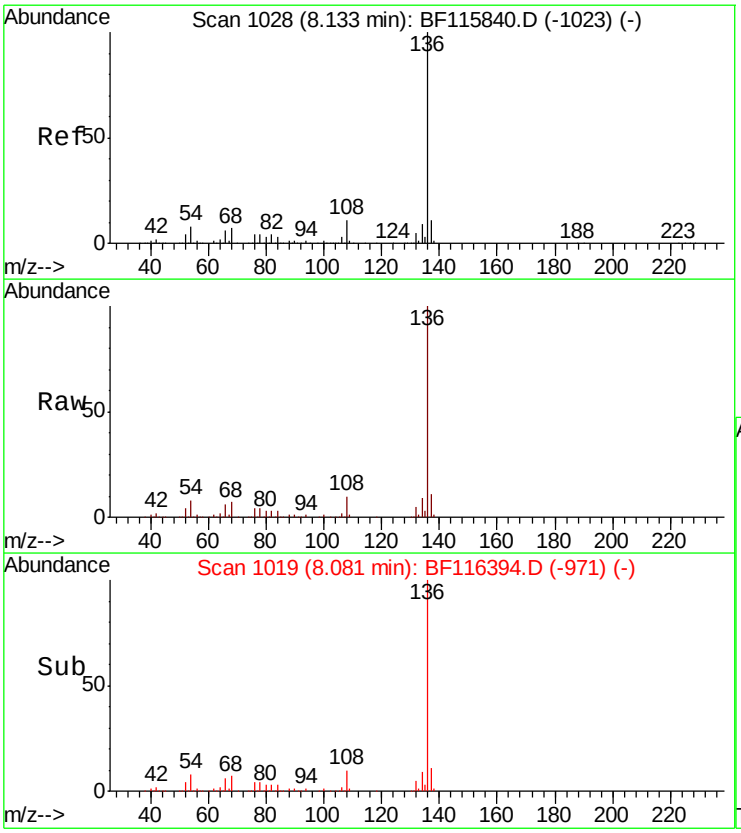
#19
n-Nitroso-di-n-propylamine
Concen: 20.698 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion: 70 Resp: 93489

Ion	Ratio	Lower	Upper
70	100		
42	42.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#

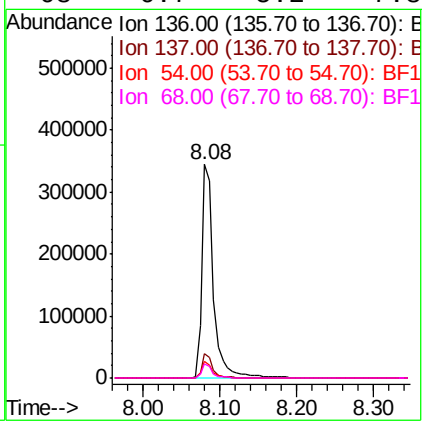


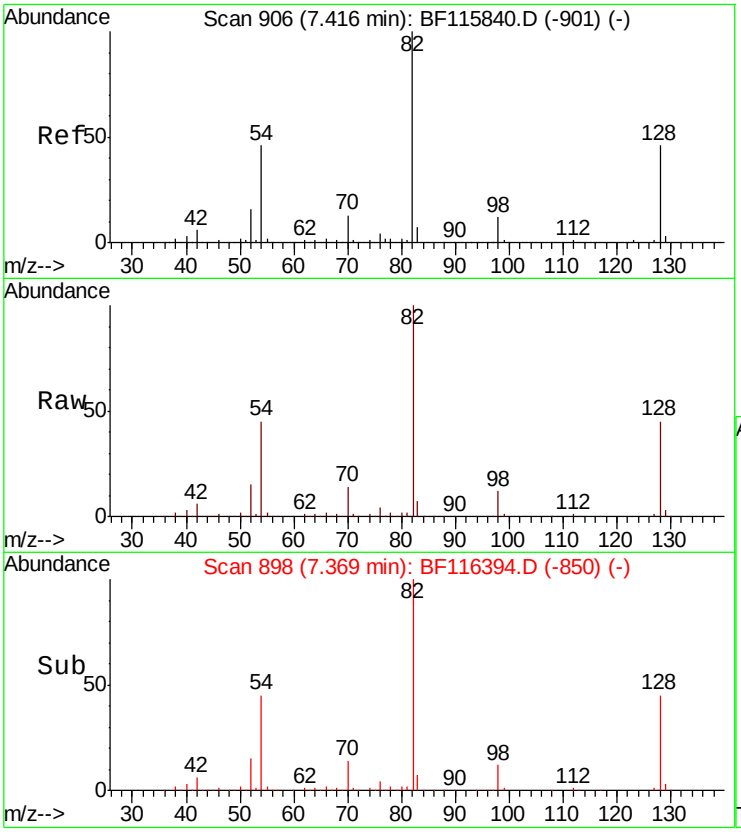


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:136 Resp: 363762

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.7	5.8	8.6
68	6.7	5.2	7.8



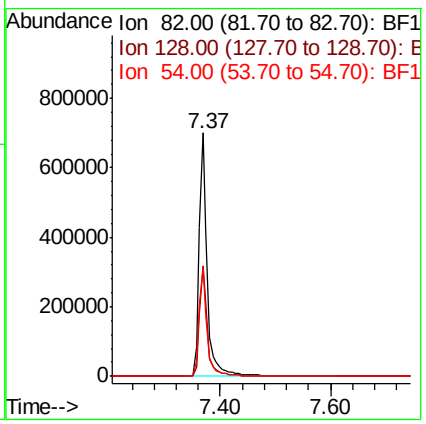


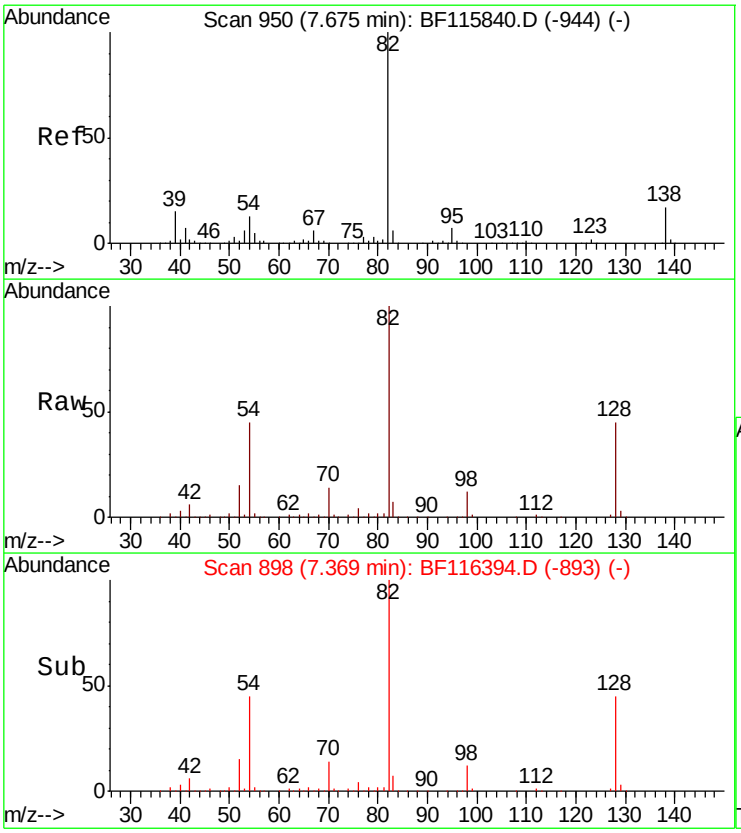
#23
Nitrobenzene-d5
Concen: 112.582 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion: 82 Resp: 709475

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	45.1	36.0	54.0

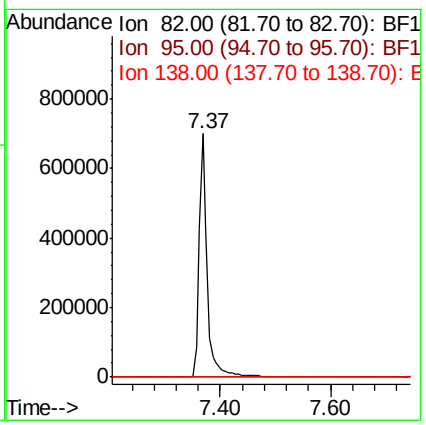


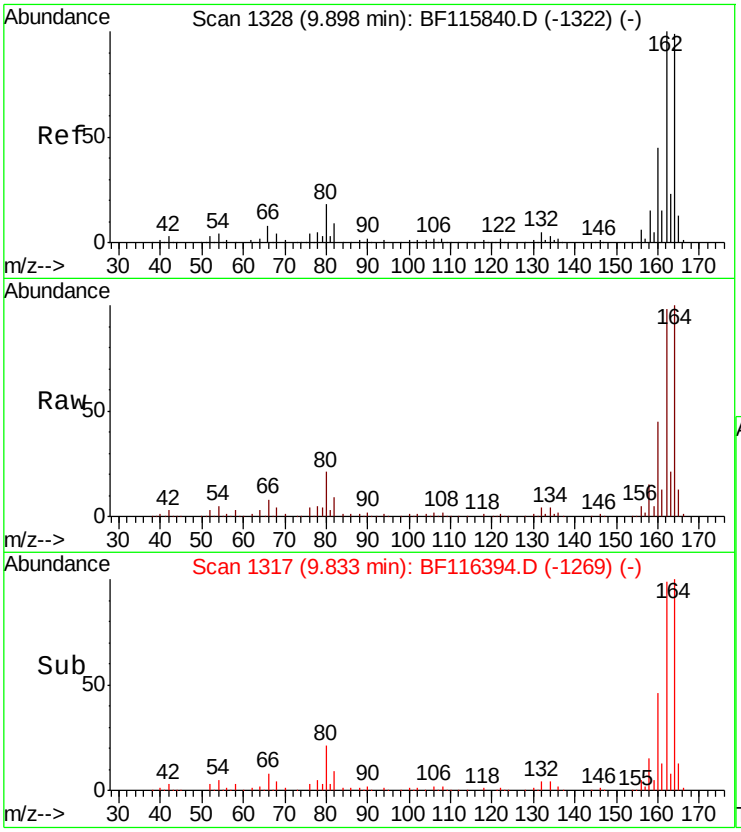


#25
Isophorone
Concen: 58.877 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion: 82 Resp: 709475

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



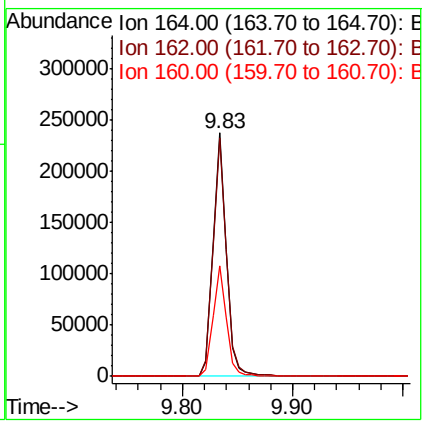


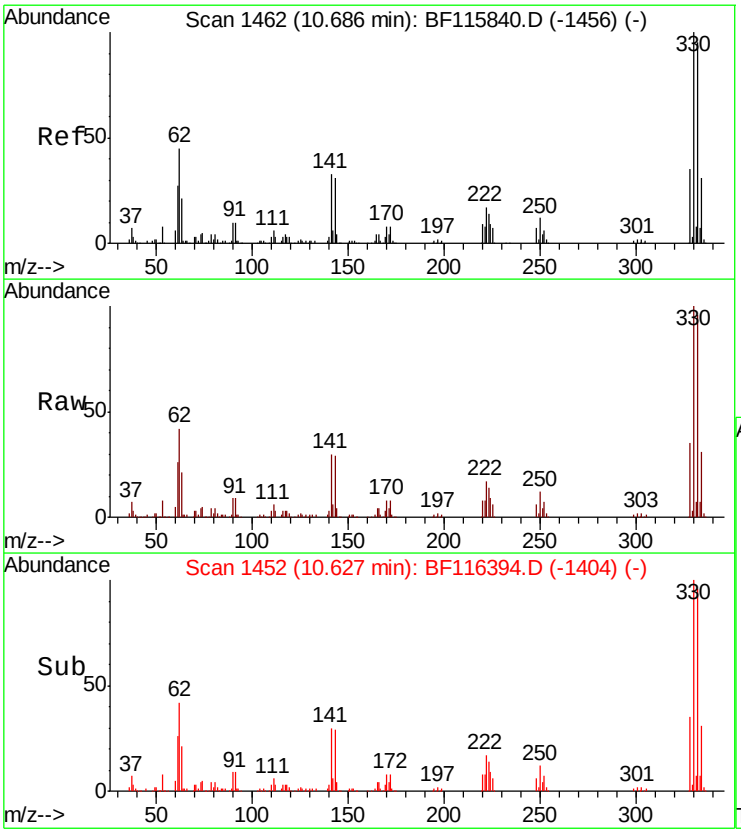
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:164 Resp: 197096

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	45.2	37.6	56.4

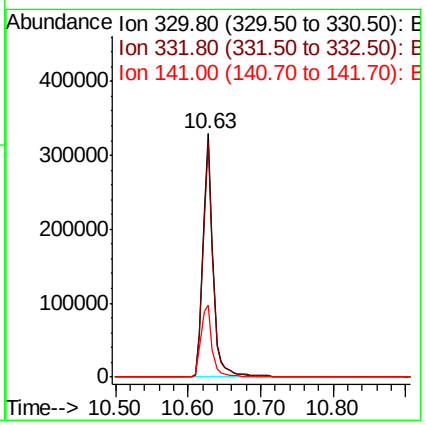


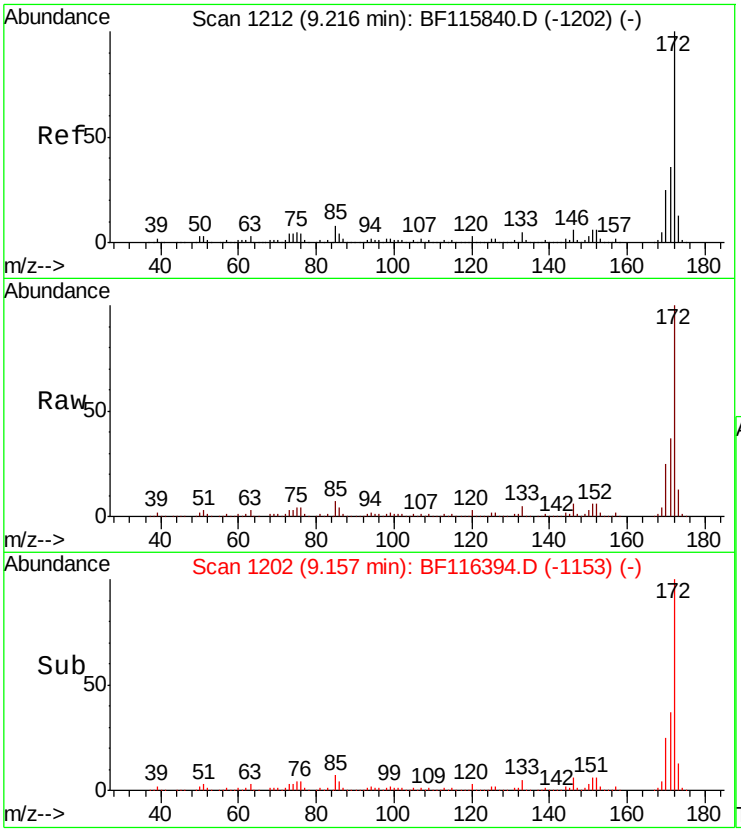


#42
2,4,6-Tribromophenol
Concen: 169.964 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:330 Resp: 324784

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.1	26.3	39.5



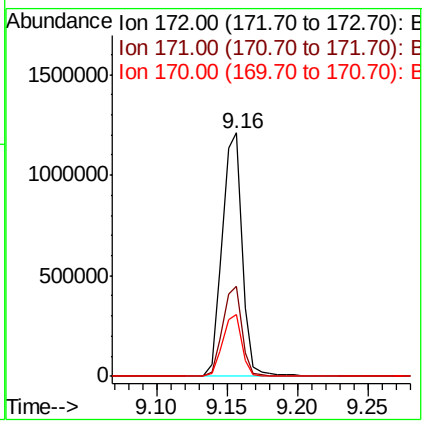


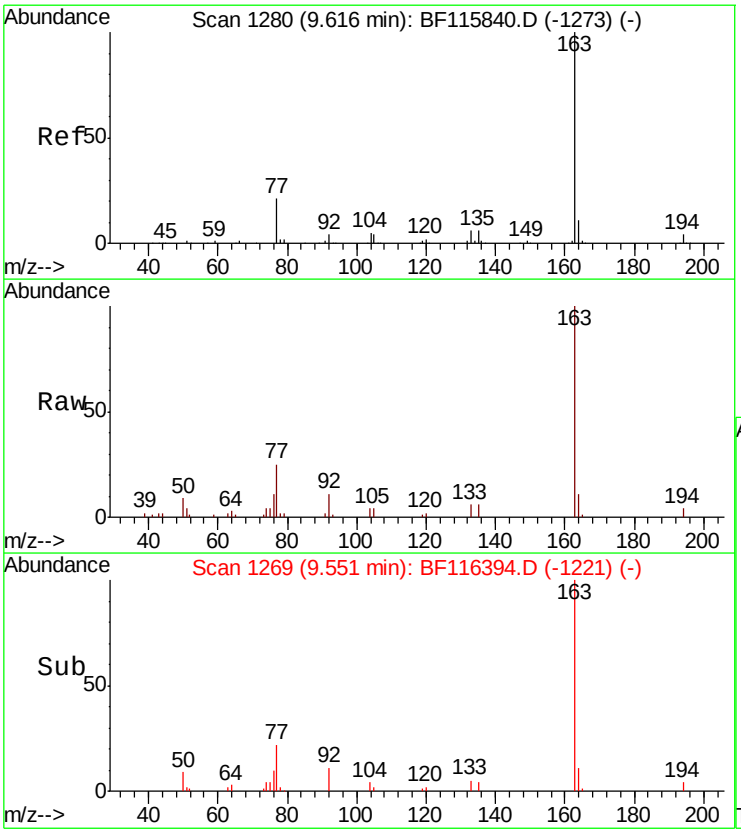
#45
2-Fluorobiphenyl
Concen: 113.699 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:172 Resp: 1196404

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.4	20.1	30.1

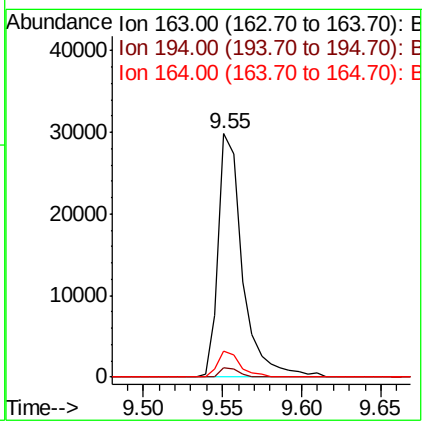


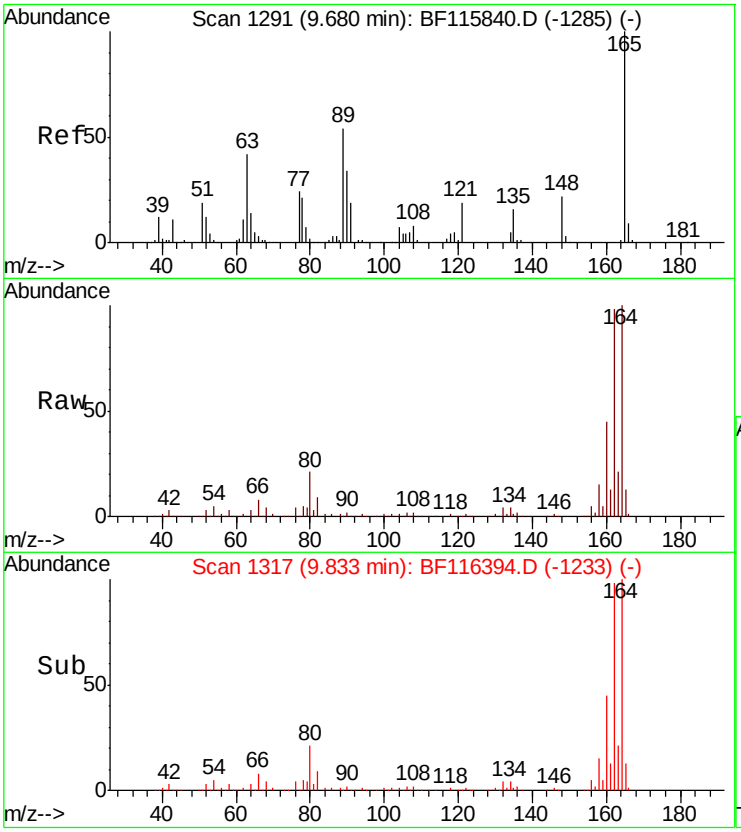


#50
Dimethylphthalate
Concen: 2.355 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:163 Resp: 31608

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.7	8.4	12.6



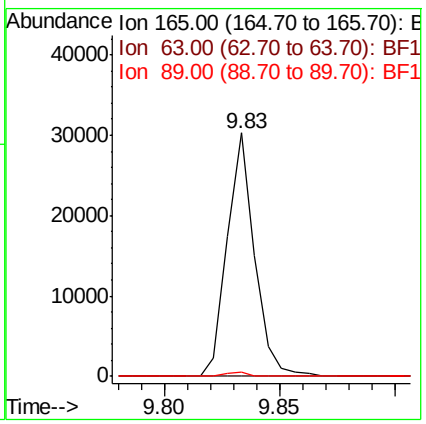


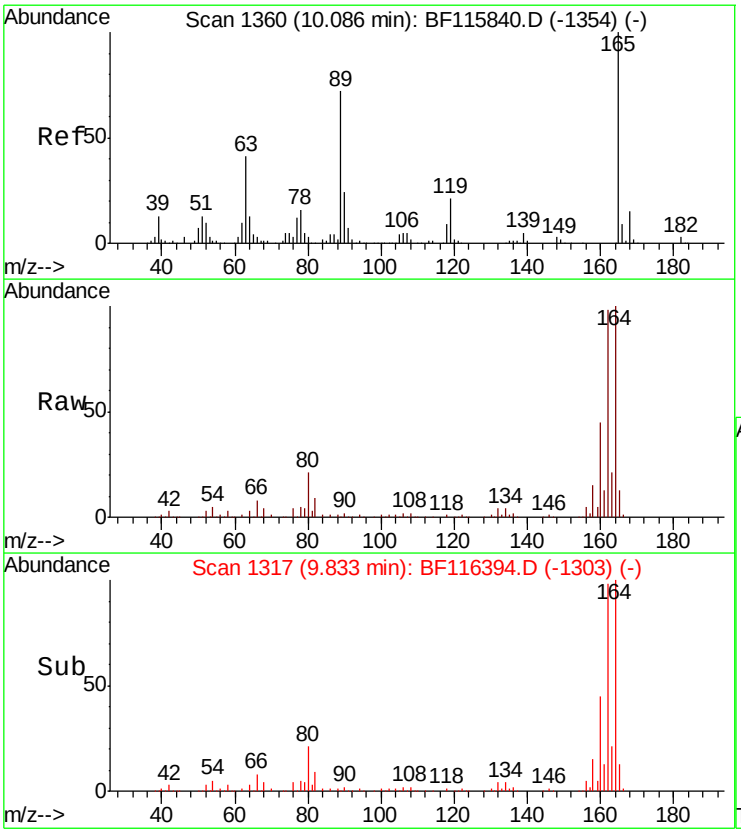
#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:165 Resp: 24934

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.6	42.9	64.3#

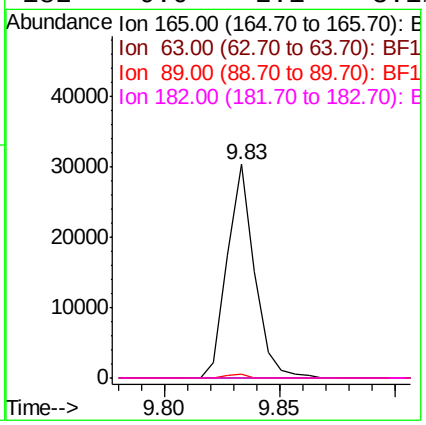


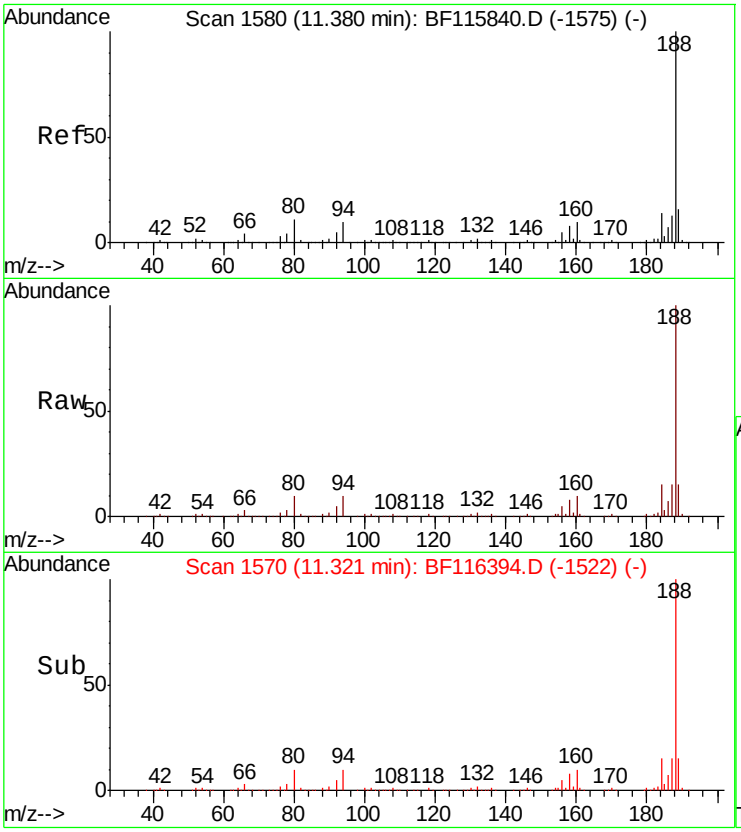


#57
2,4-Dinitrotoluene
Concen: 6.421 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:165 Resp: 24934

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.6	62.2	93.2#
182	0.0	2.1	3.1#



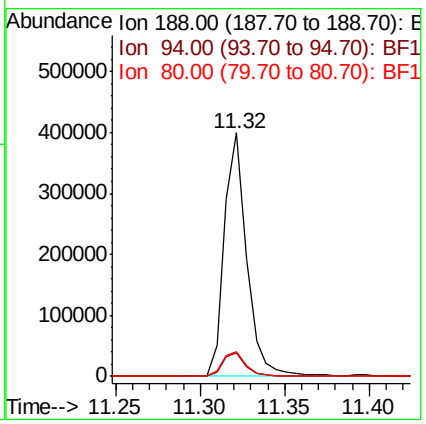


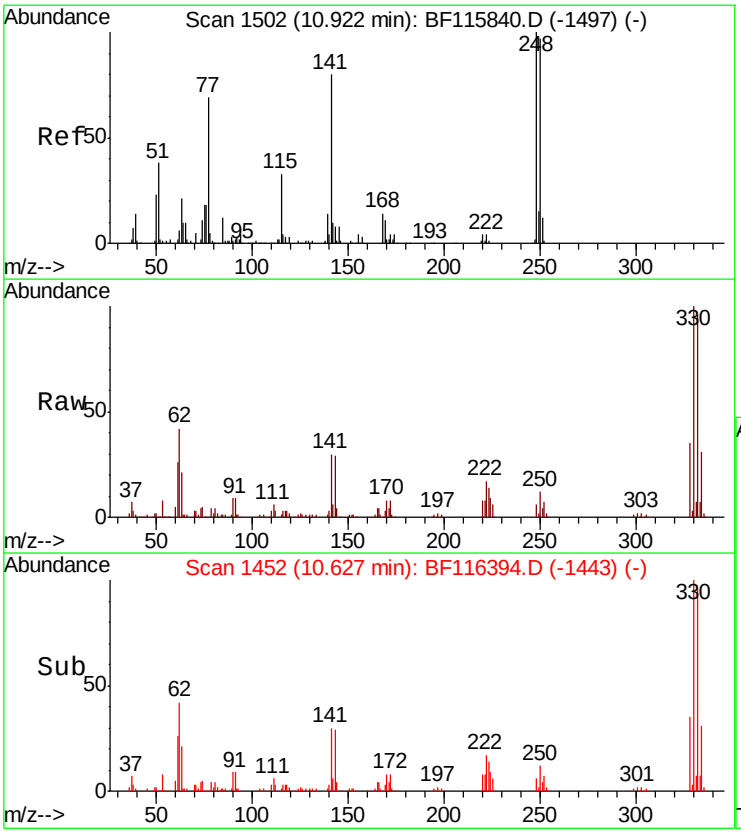
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:188 Resp: 368671

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.1	8.7	13.1

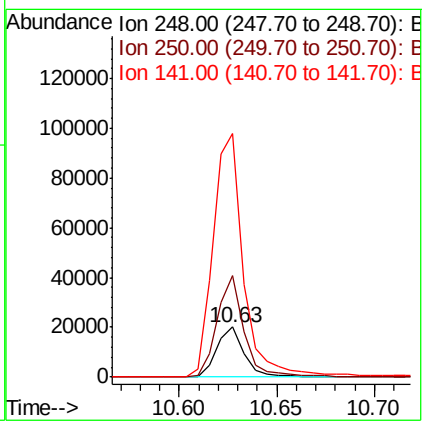


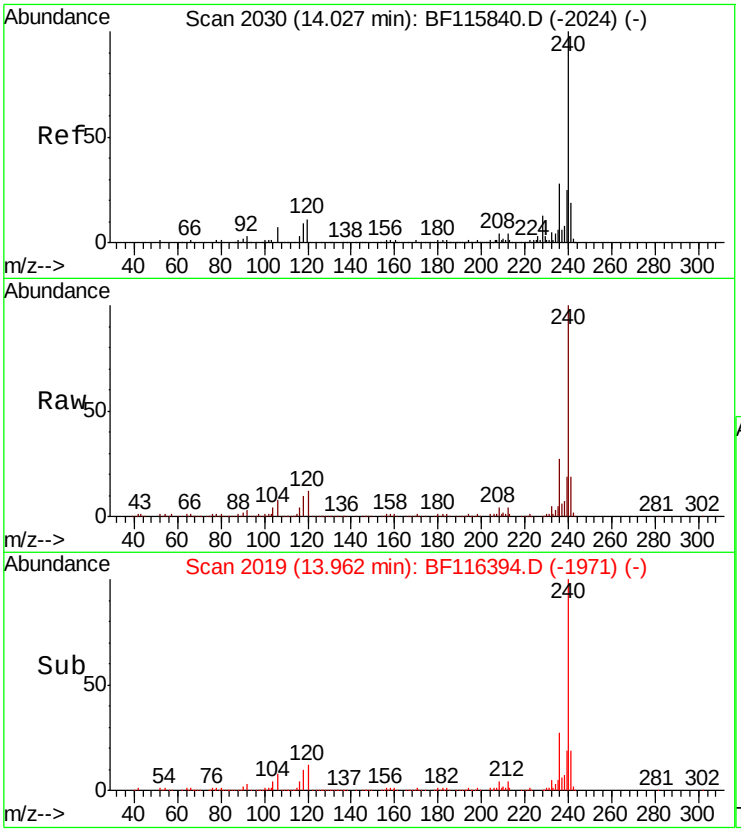


#67
4-Bromophenyl-phenylether
Concen: 4.985 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:248 Resp: 19675

Ion	Ratio	Lower	Upper
248	100		
250	201.9	77.4	116.2#
141	486.0	56.8	85.2#



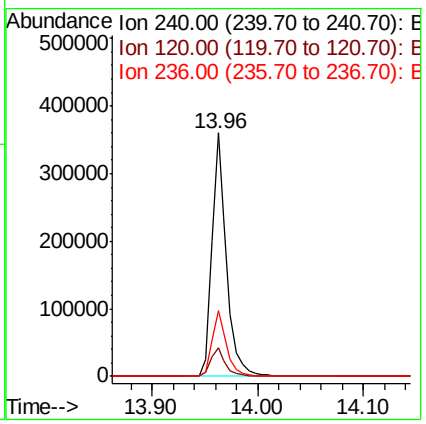


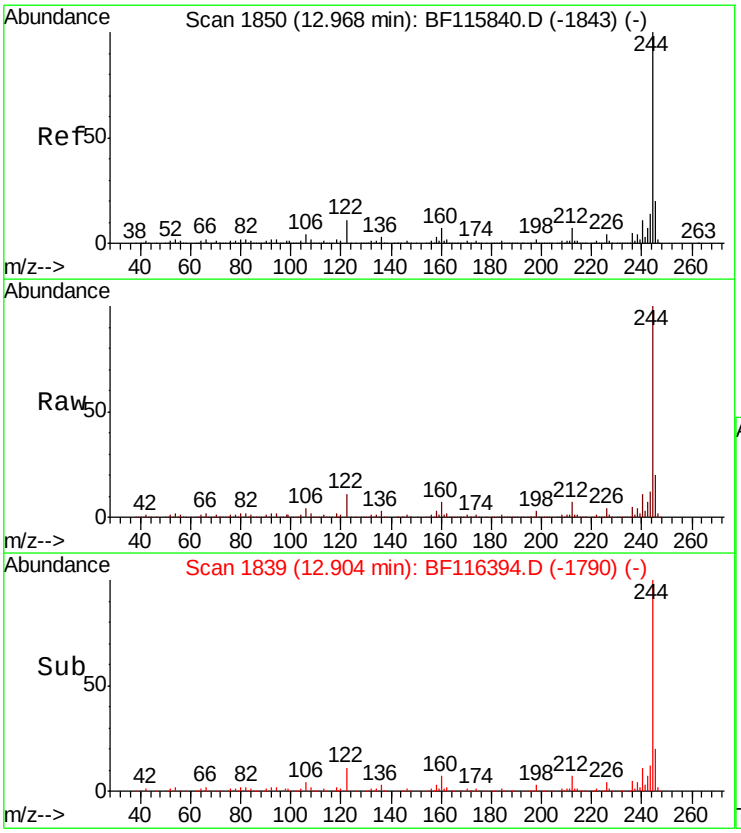
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:240 Resp: 351395

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.0	22.2	33.2

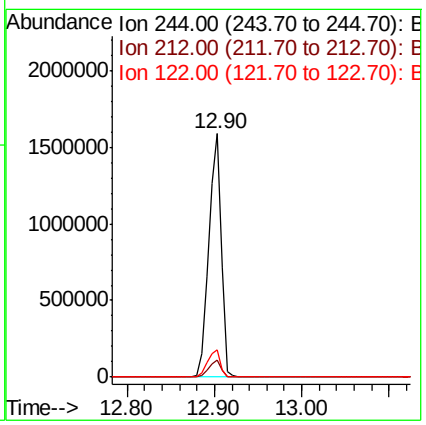


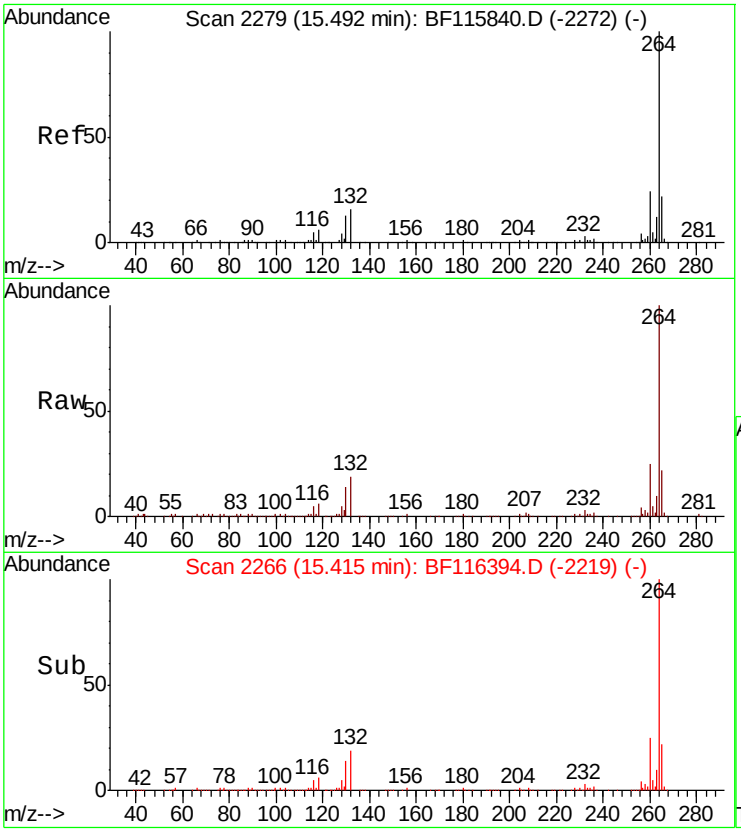


#79
Terphenyl-d14
Concen: 94.405 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Tgt Ion:244 Resp: 1574308

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116394.D
Acq: 19 Aug 2019 18:18

Instrument :
BNA_F
ClientSampleId :
T8-F1-(0-4)

Tgt Ion:264 Resp: 369609

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.9	17.4	26.0