Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117419.D
Acq On : 16 Oct 2019 17:46
Operator : JU
Sample : K5355-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-33

Quant Time: Oct 17 01:01:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42778	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	172997	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	92829	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	162933	20.00	ng	0.00
76) Chrysene-d12	13.96	240	146360	20.00	ng	0.00
87) Perylene-d12	15.41	264	148020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	350807	126.18	ng	0.00
7) Phenol-d6	6.44	99	447332	121.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	294002	86.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	114172	151.12	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	534938	84.01	ng	0.00
79) Terphenyl-d14	12.90	244	666960	74.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	301	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	38097	16.197	ng	# 75
25) Isophorone	7.36	82	294000	48.359	ng	# 67
50) Dimethylphthalate	9.55	163	38344	5.751	ng	97
51) 2,6-Dinitrotoluene	9.82	165	11963	8.537	ng	# 21
57) 2,4-Dinitrotoluene	9.82	165	11963	6.470	ng	# 12
65) 4,6-Dinitro-2-methylphenol	10.62	198	119	5.314	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	7114	3.981	ng	# 1
77) Benzidine	12.90	184	9007	2.488	ng	# 94

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

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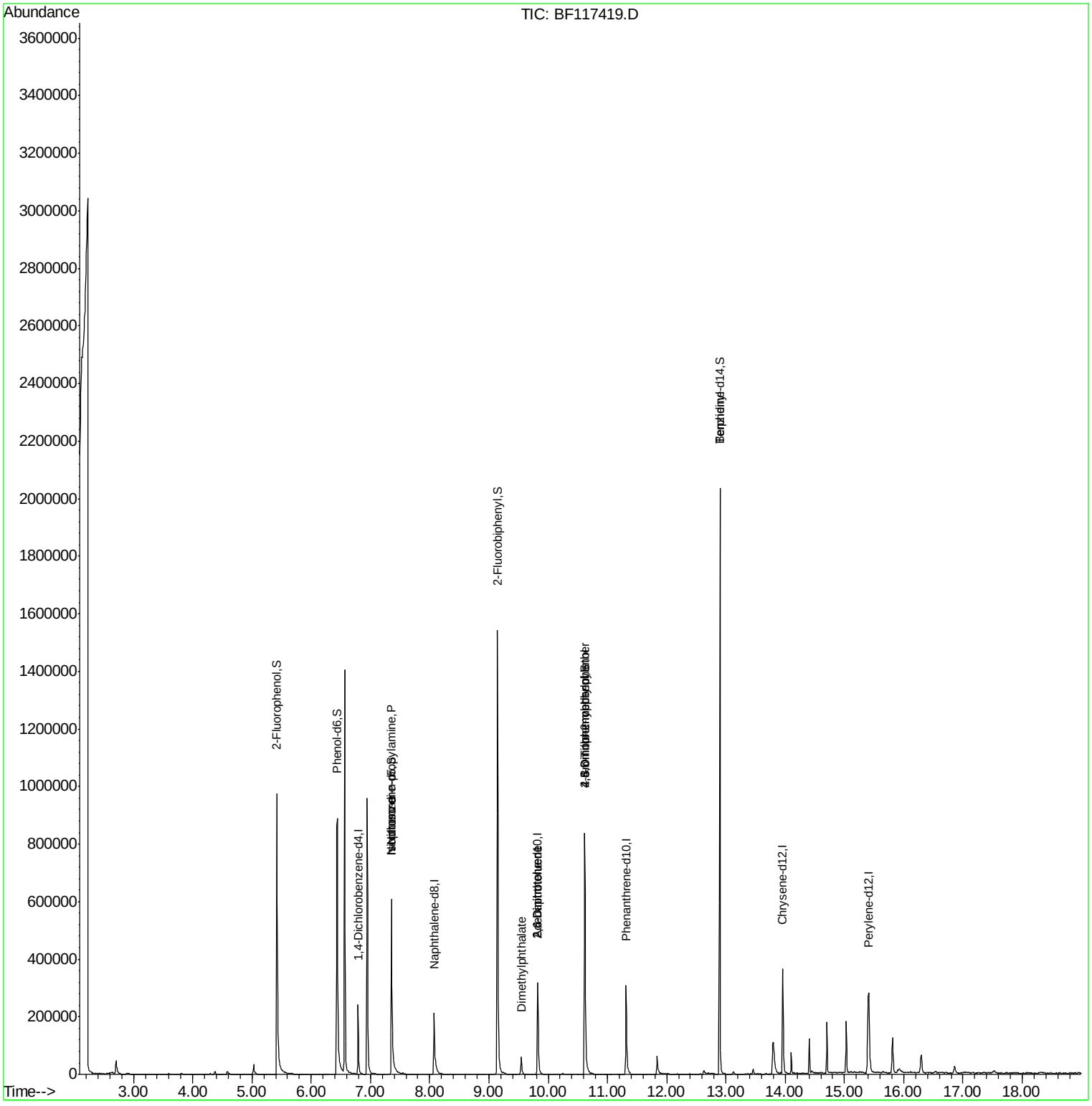
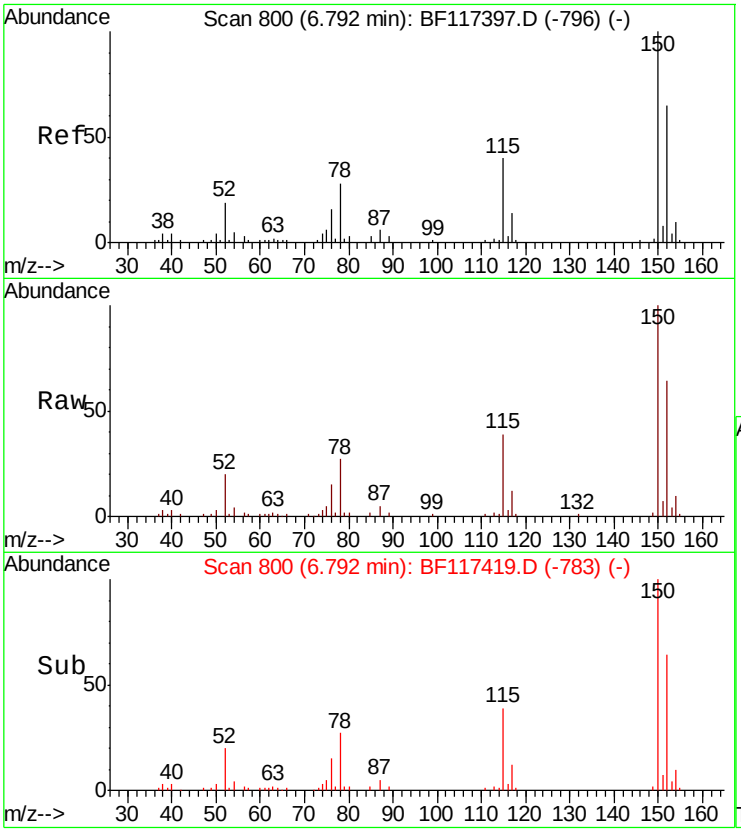


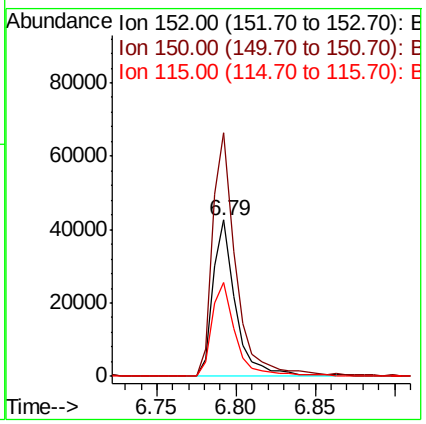


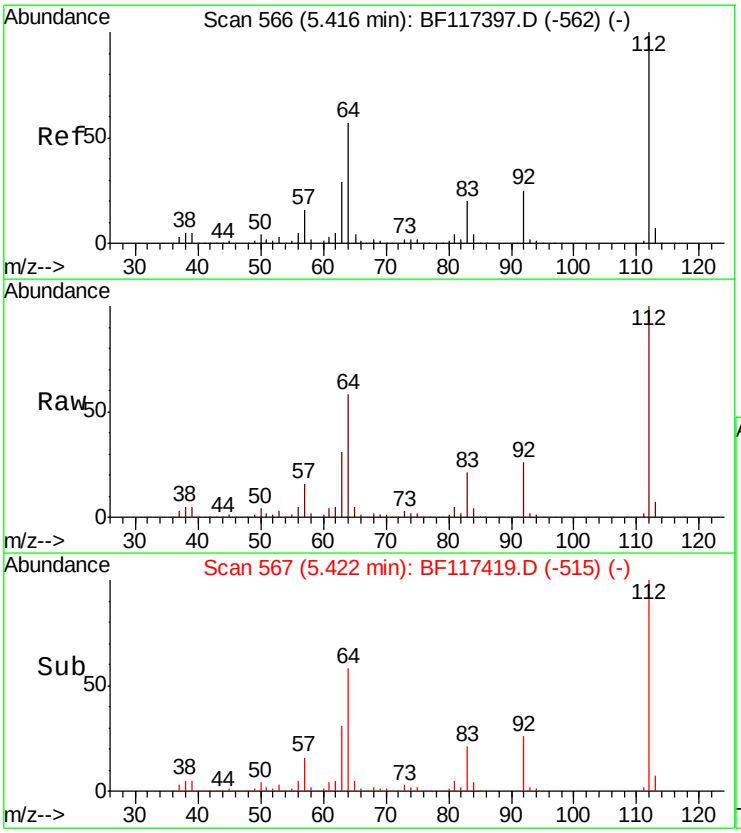
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:152 Resp: 42778

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.2	48.6	73.0

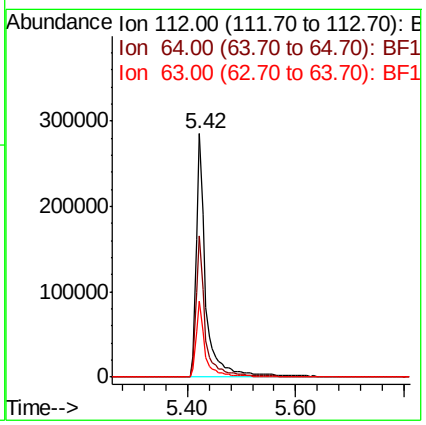


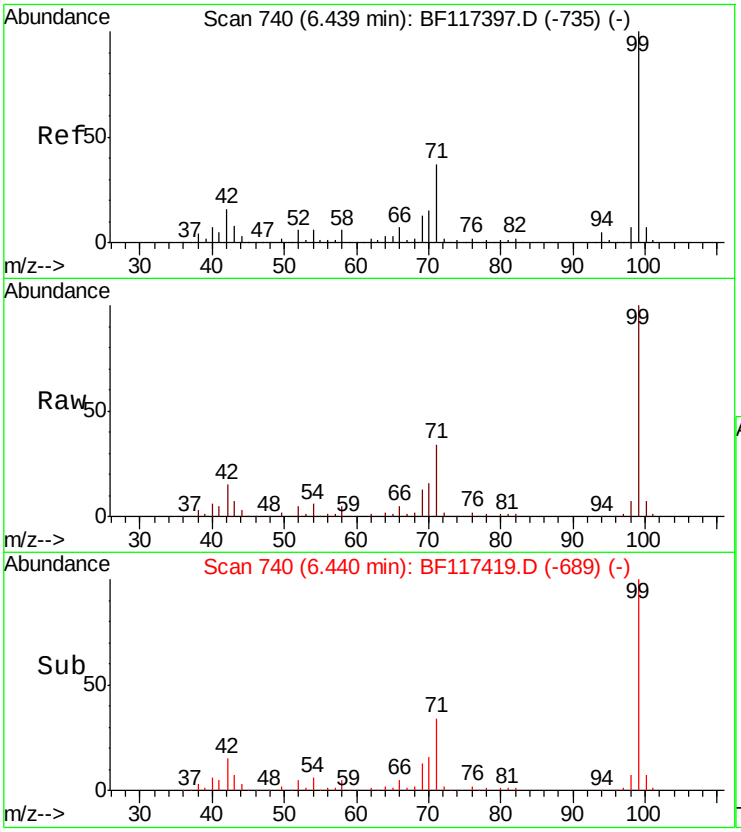


#5
2-Fluorophenol
Concen: 126.177 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:112 Resp: 350807

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.2	67.8
63	30.9	23.4	35.2



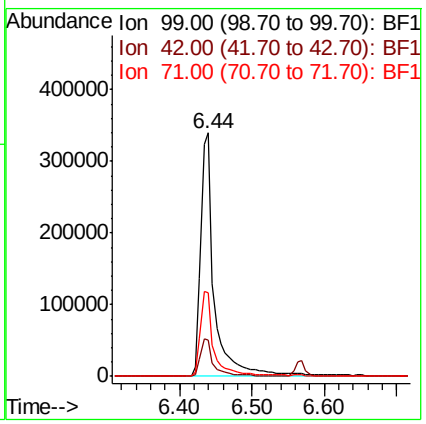


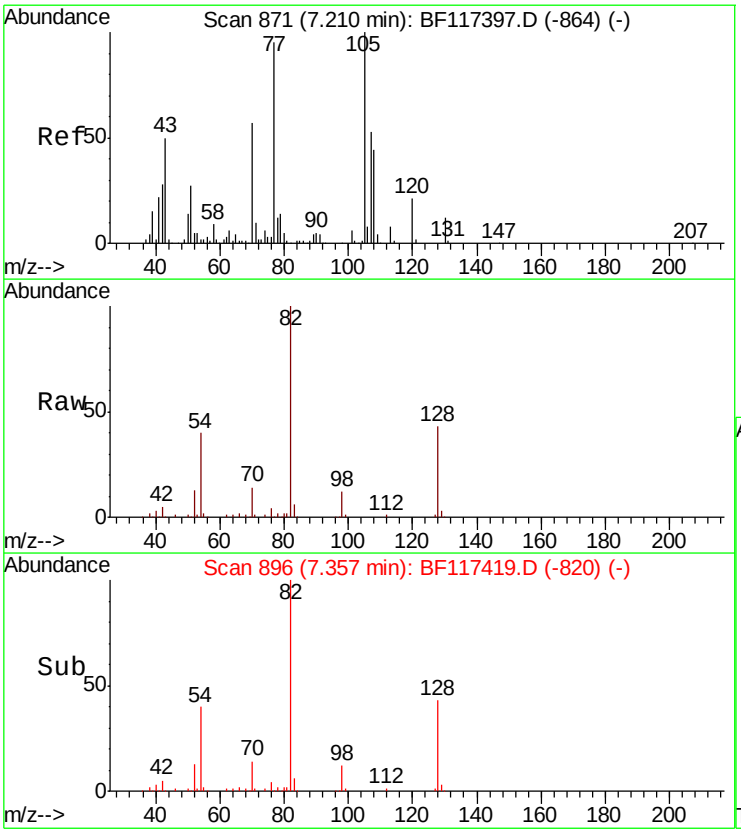
#7
Phenol-d6
Concen: 121.265 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion: 99 Resp: 447332

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	34.3	29.2	43.8

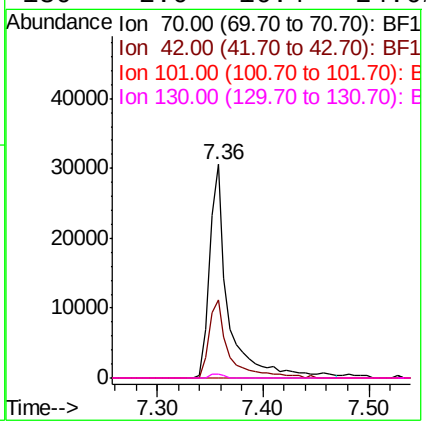


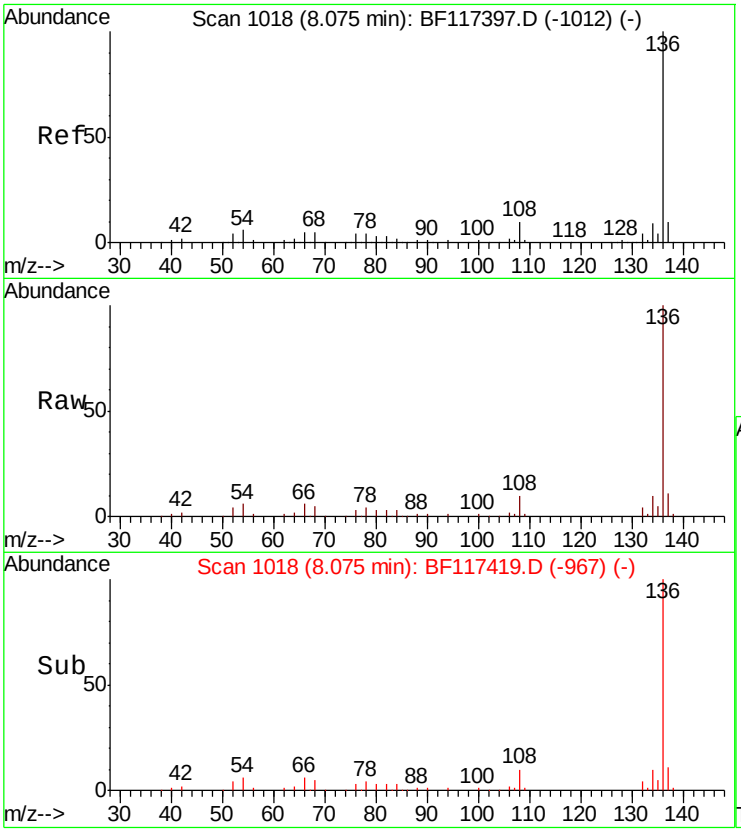


#19
n-Nitroso-di-n-propylamine
Concen: 16.197 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion: 70 Resp: 38097

Ion	Ratio	Lower	Upper
70	100		
42	36.6	39.8	59.8#
101	0.0	8.1	12.1#
130	2.0	16.4	24.6#



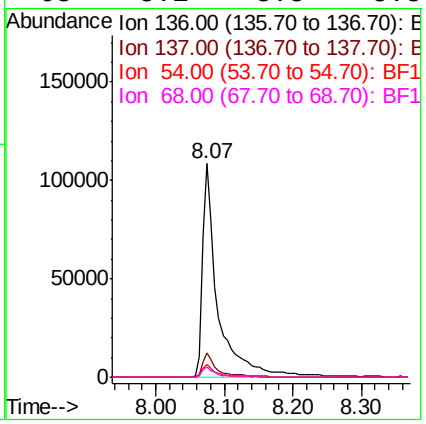


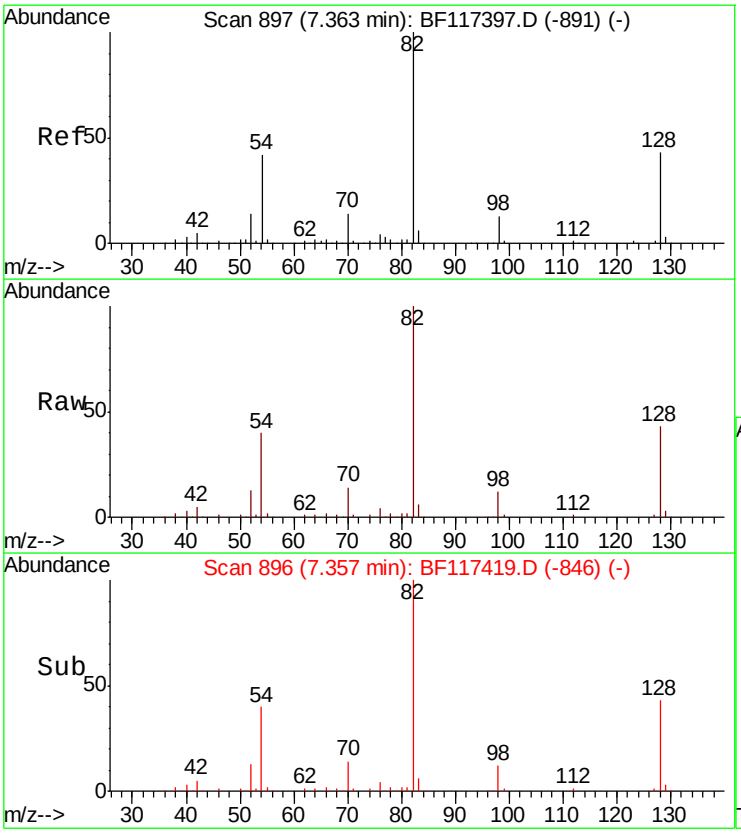
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:136 Resp: 172997

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	6.0	4.6	6.8
68	5.1	3.8	5.8

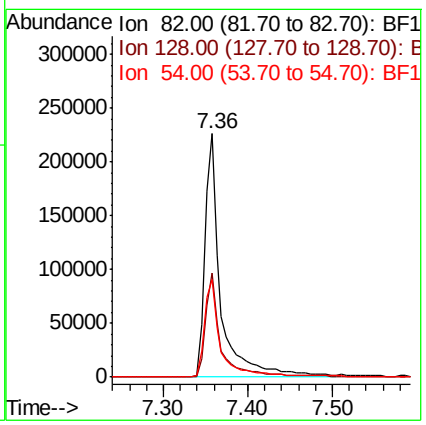


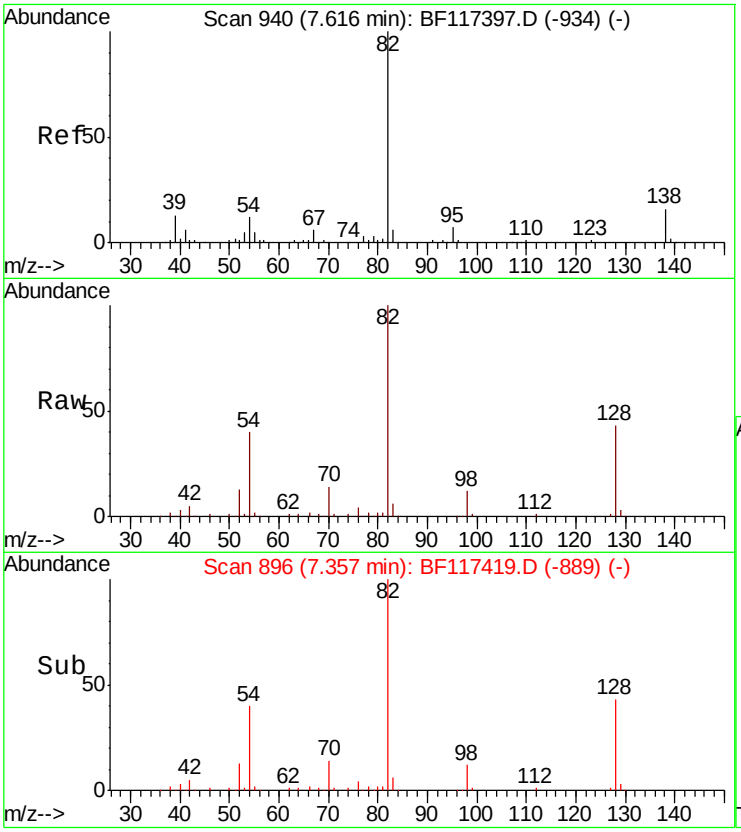


#23
Nitrobenzene-d5
Concen: 86.147 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion: 82 Resp: 294002

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.1	51.1
54	40.1	33.3	49.9



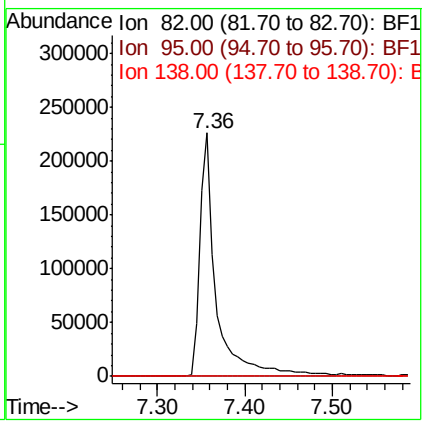


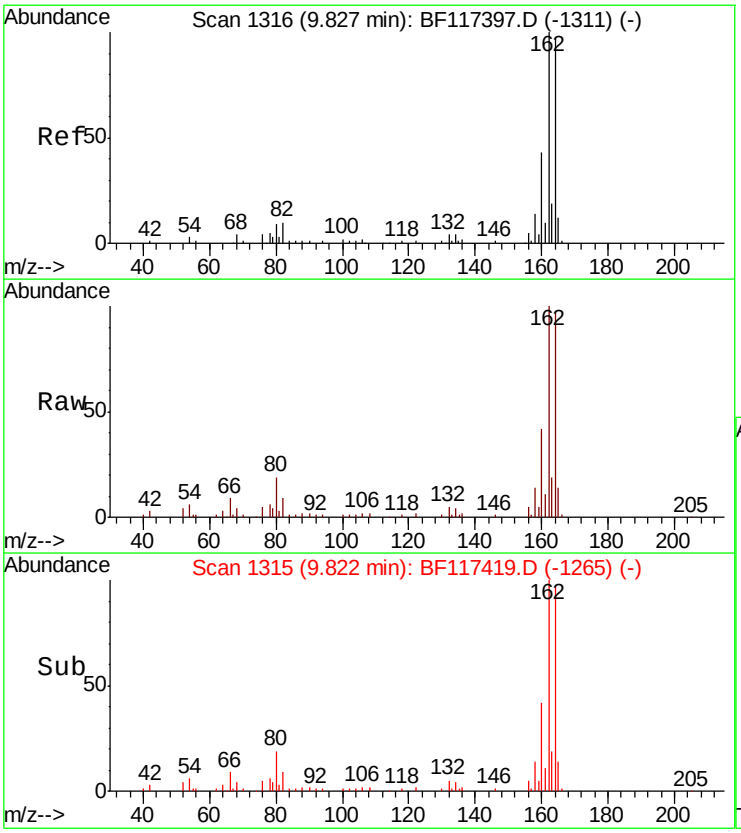
#25
Isophorone
Concen: 48.359 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion: 82 Resp: 294000

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

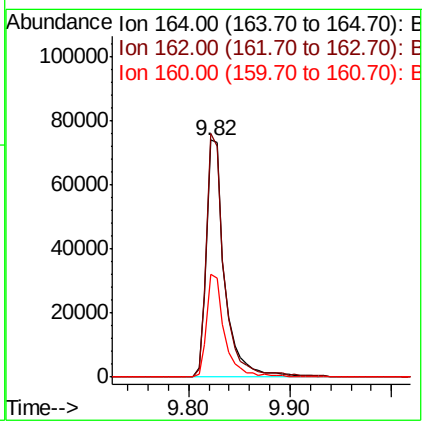


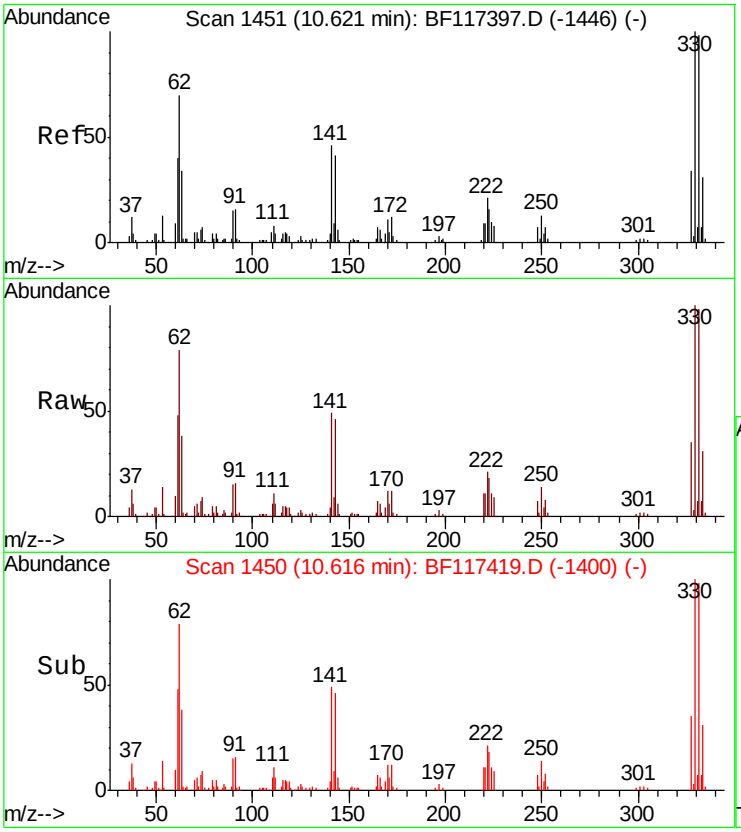


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:164 Resp: 92829

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	43.5	35.4	53.0



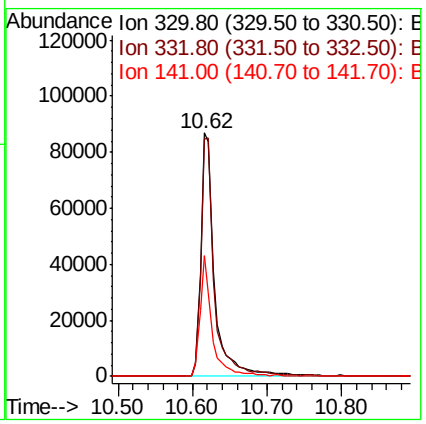


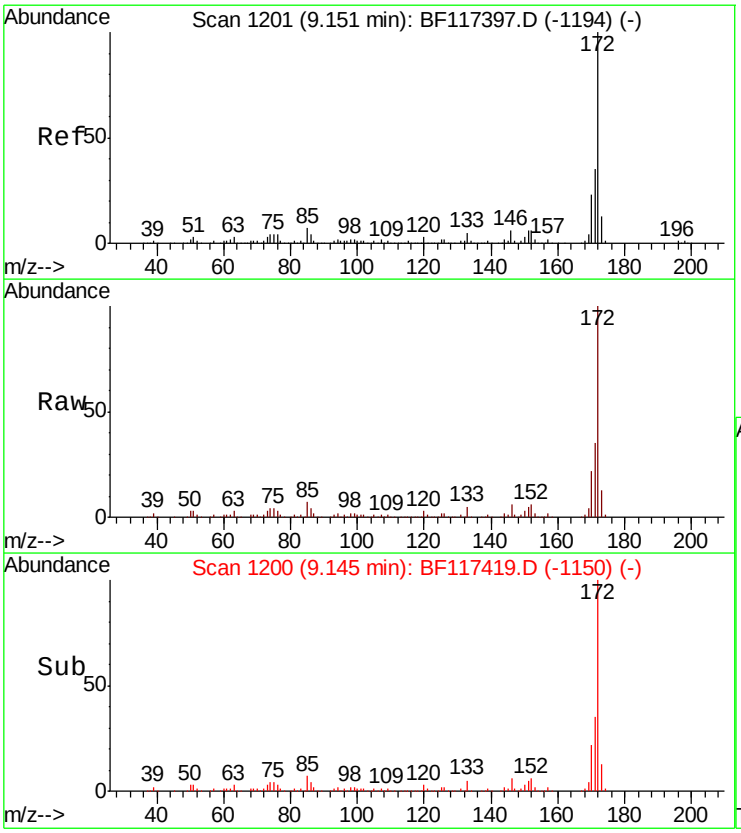
#42
2,4,6-Tribromophenol
Concen: 151.120 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:330 Resp: 114172

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.0	112.6
141	42.9	34.2	51.4

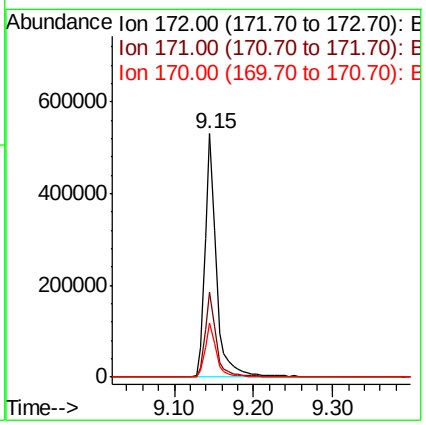


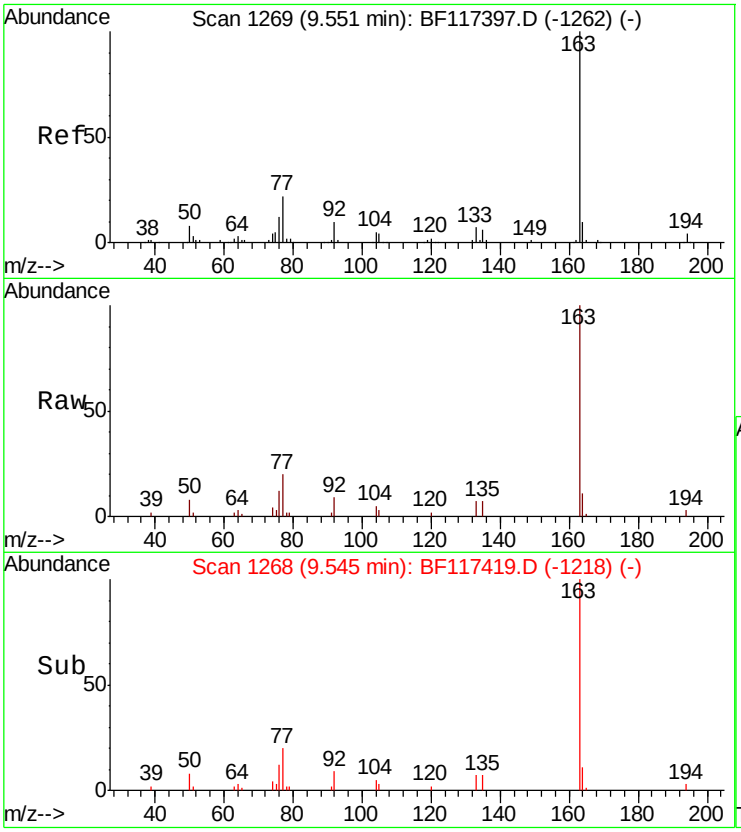


#45
2-Fluorobiphenyl
Concen: 84.012 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:172 Resp: 534938

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	22.4	18.2	27.2



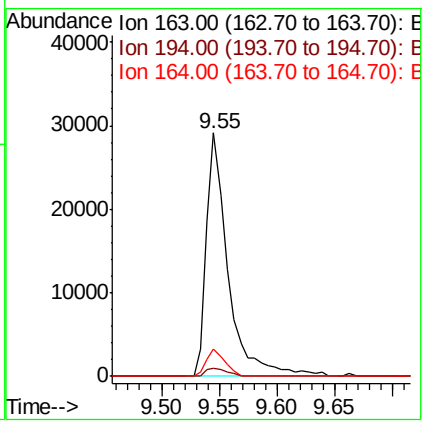


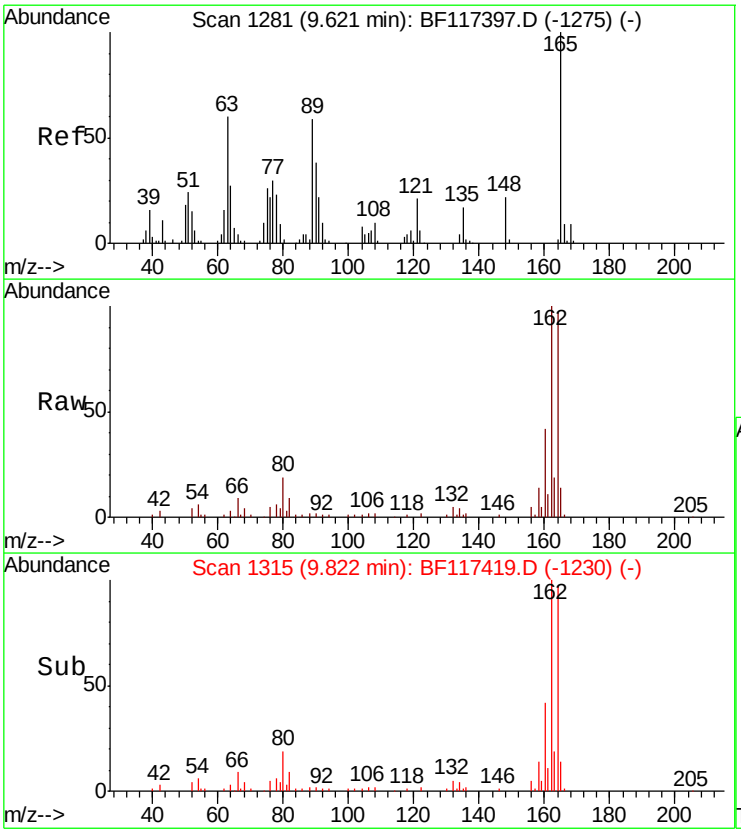
#50
Dimethylphthalate
Concen: 5.751 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:163 Resp: 38344

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.1	4.7
164	11.1	8.0	12.0

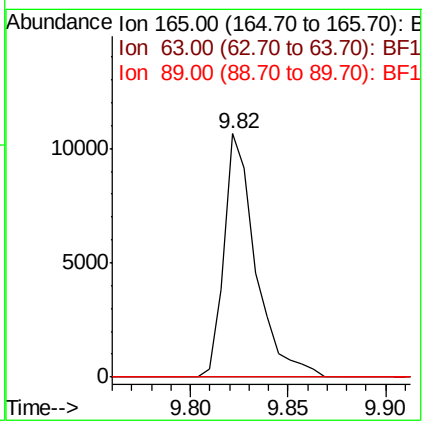


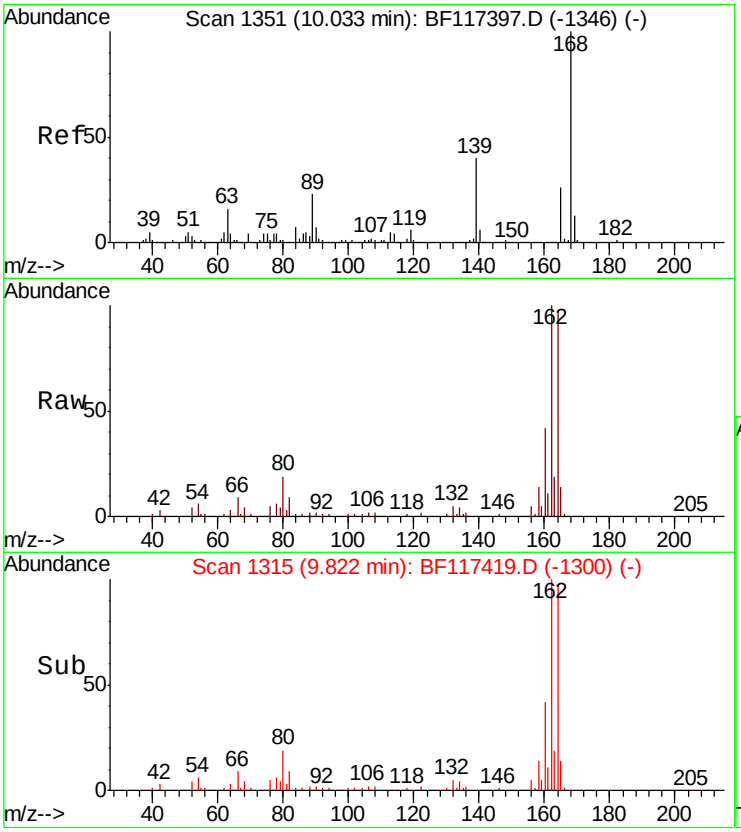


#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.20 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:165 Resp: 11963

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#



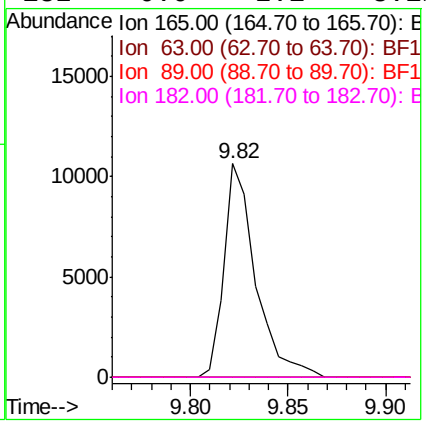


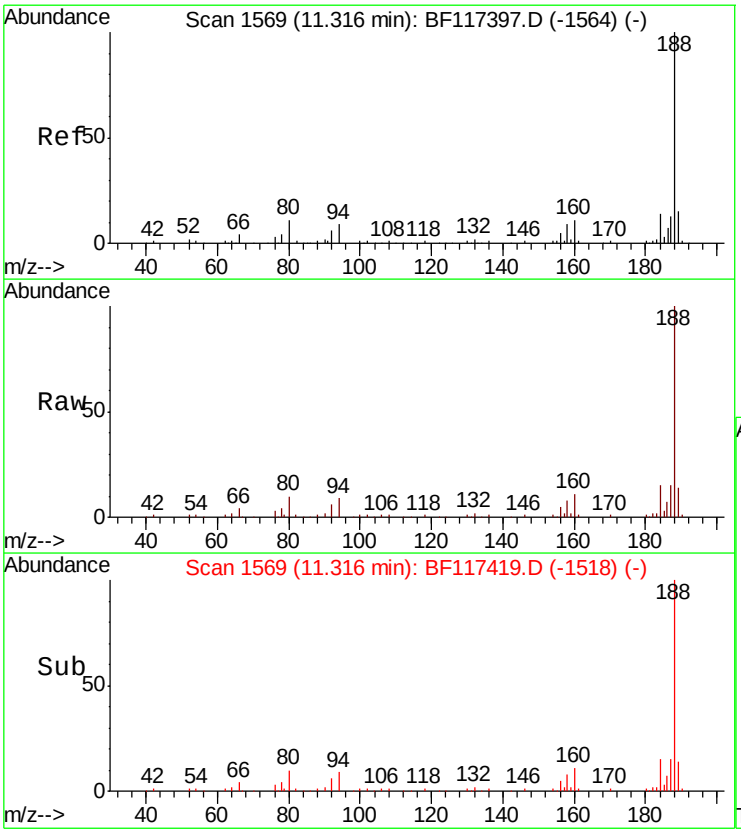
#57
2,4-Dinitrotoluene
Concen: 6.470 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:165 Resp: 11963

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
182	0.0	2.1	3.1#

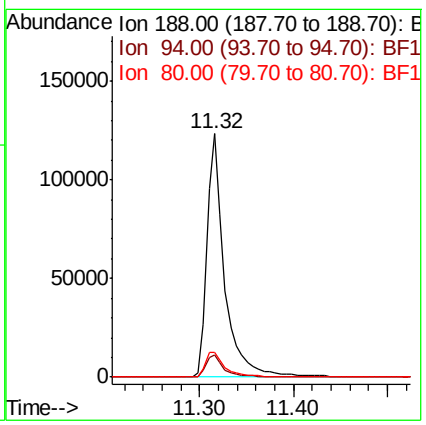


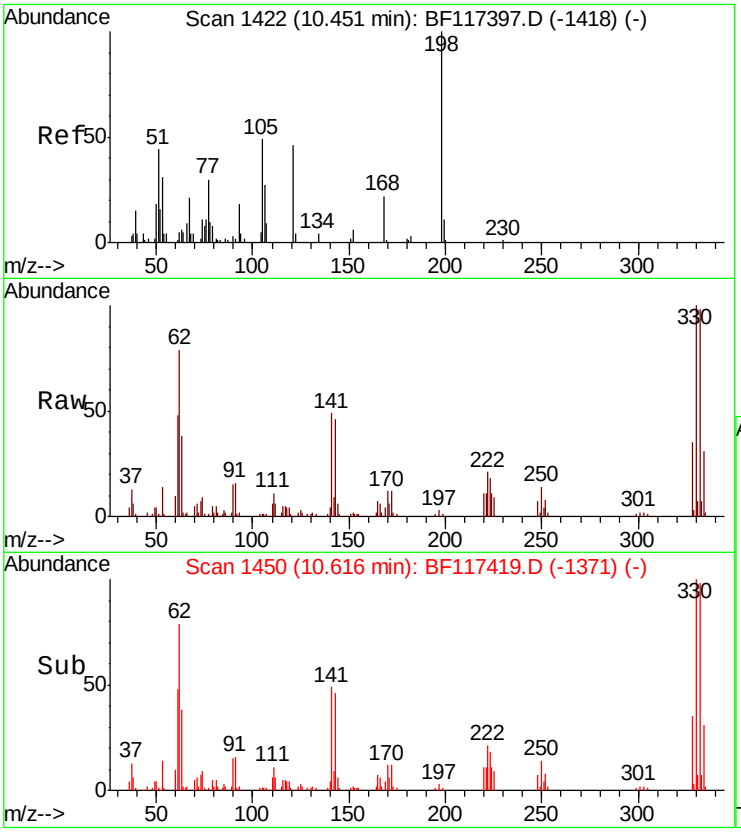


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:188 Resp: 162933

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	10.2	8.7	13.1



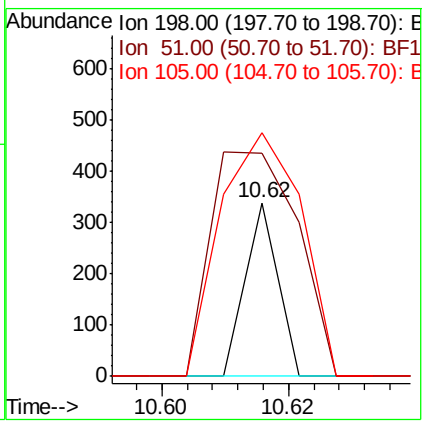


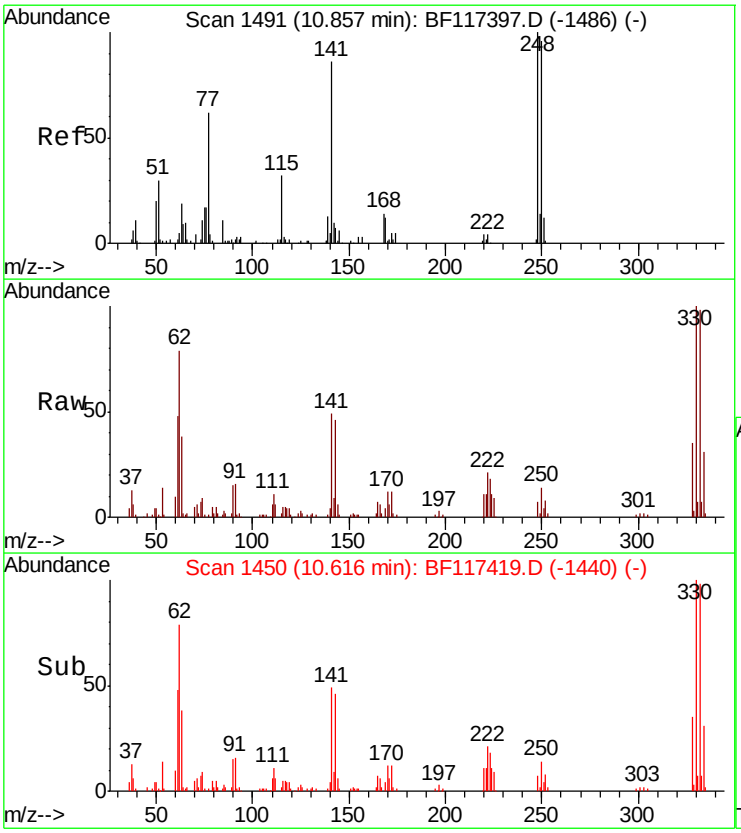
#65
4,6-Dinitro-2-methylphenol
Concen: 5.314 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.17 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	128.7	25.9	65.9#
105	140.5	29.4	69.4#

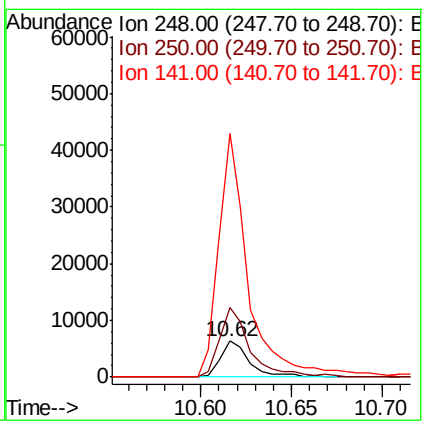


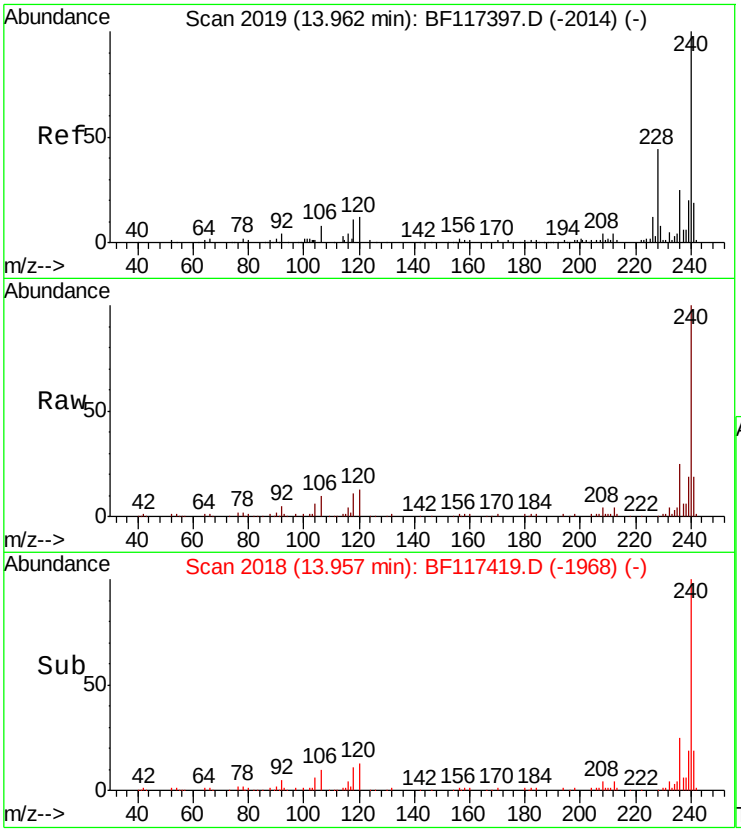


#67
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:248 Resp: 7114

Ion	Ratio	Lower	Upper
248	100		
250	193.7	77.1	115.7#
141	678.0	69.1	103.7#



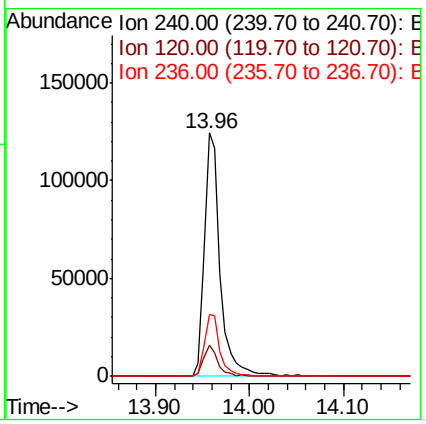


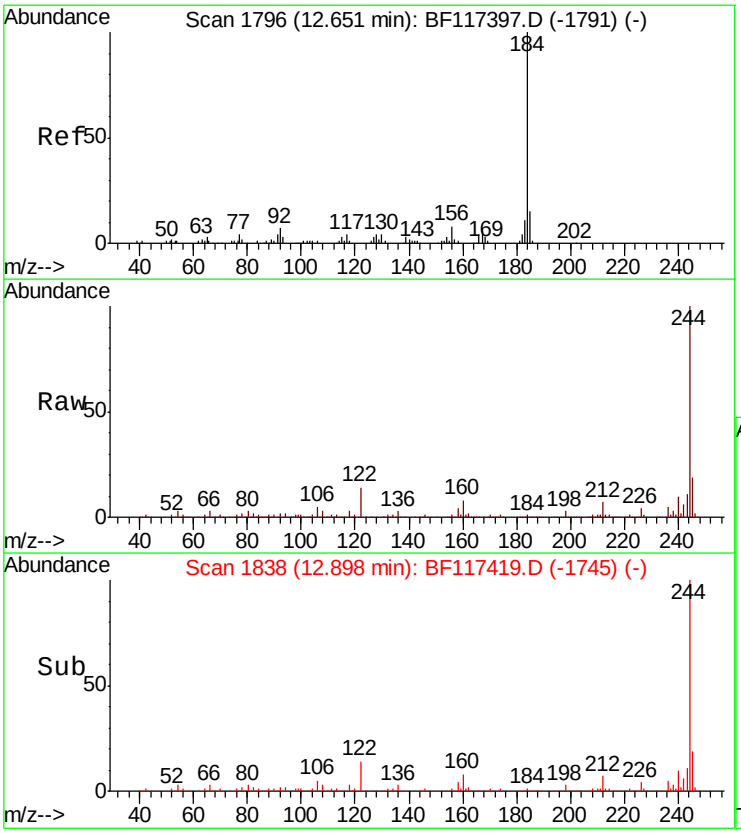
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:240 Resp: 146360

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.0
236	25.4	19.8	29.6

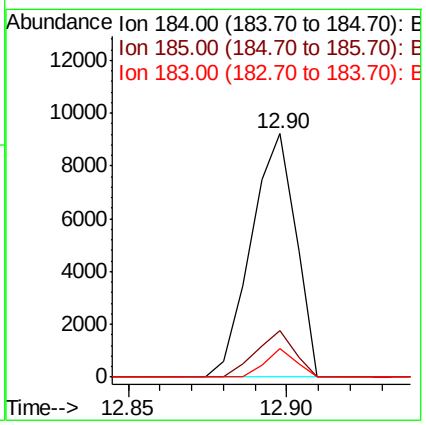


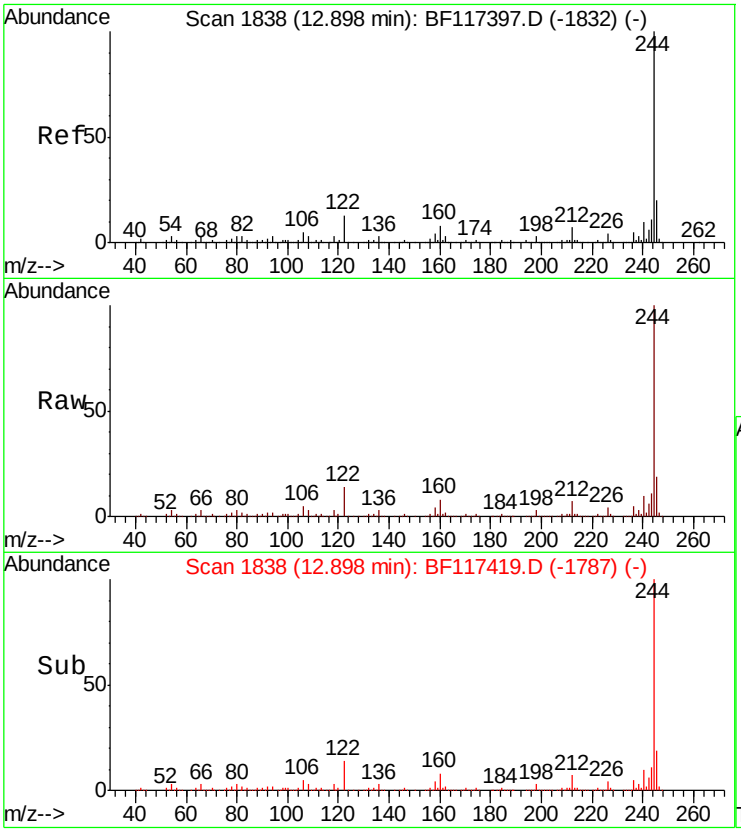


#77
Benzidine
Concen: 2.488 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:184 Resp: 9007

Ion	Ratio	Lower	Upper
184	100		
185	19.1	12.2	18.2#
183	11.9	8.9	13.3



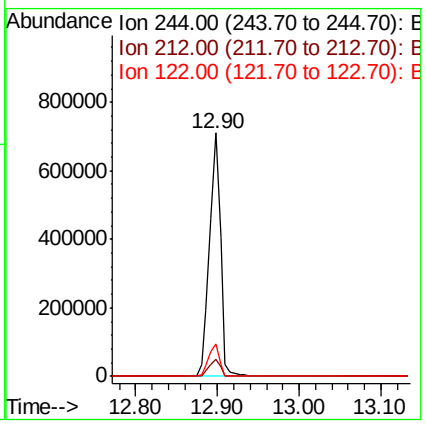


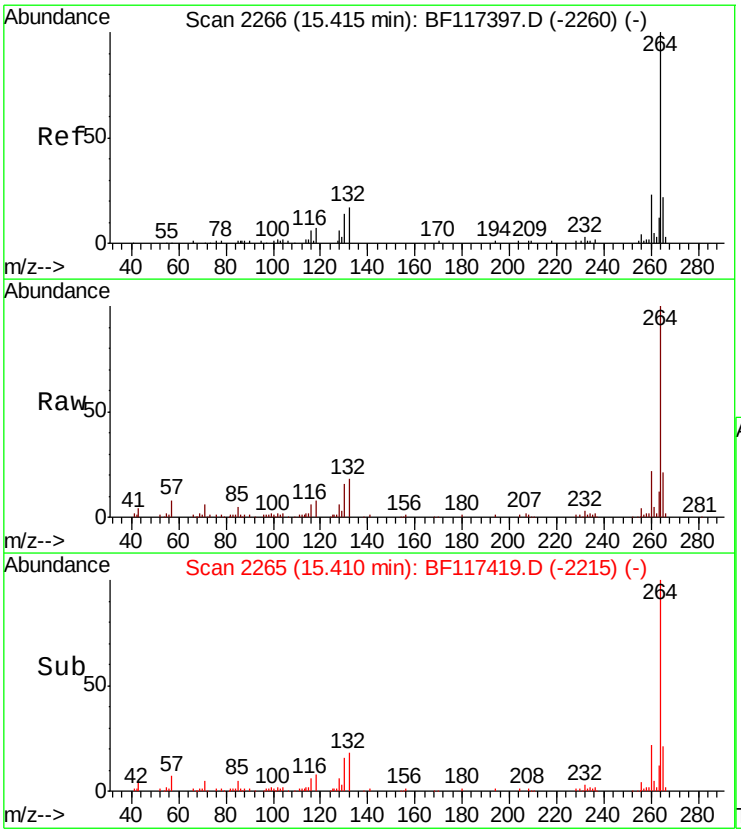
#79
Terphenyl-d14
Concen: 74.286 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Instrument :
BNA_F
ClientSampleId :
COMP-33

Tgt Ion:244 Resp: 666960

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.5	10.7	16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117419.D
Acq: 16 Oct 2019 17:46

Tgt Ion:264 Resp: 148020

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.6	17.4	26.0