Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117558.D
Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 14:04:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38676	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	159165	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	80888	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	126990	20.00	ng		0.00
76) Chrysene-d12	13.89	240	77156	20.00	ng		0.00
87) Perylene-d12	15.33	264	77021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	268772	103.39	ng		0.00
7) Phenol-d6	6.38	99	371965	106.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	227059	70.43	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	67333	96.21	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	326393	56.85	ng		-0.01
79) Terphenyl-d14	12.83	244	264550	55.93	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	496	Below Cal		#	3
10) Phenol	6.39	94	9620	2.699	ng		85
19) n-Nitroso-di-n-propylamine	7.29	70	30149	14.138	ng	#	76
25) Isophorone	7.29	82	227058	40.711	ng	#	65
50) Dimethylphthalate	9.48	163	69263	12.011	ng		99
57) 2,4-Dinitrotoluene	9.76	165	9927	6.205	ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	4303	3.146	ng	#	1
77) Benzidine	12.83	184	3409	Below Cal		#	89

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

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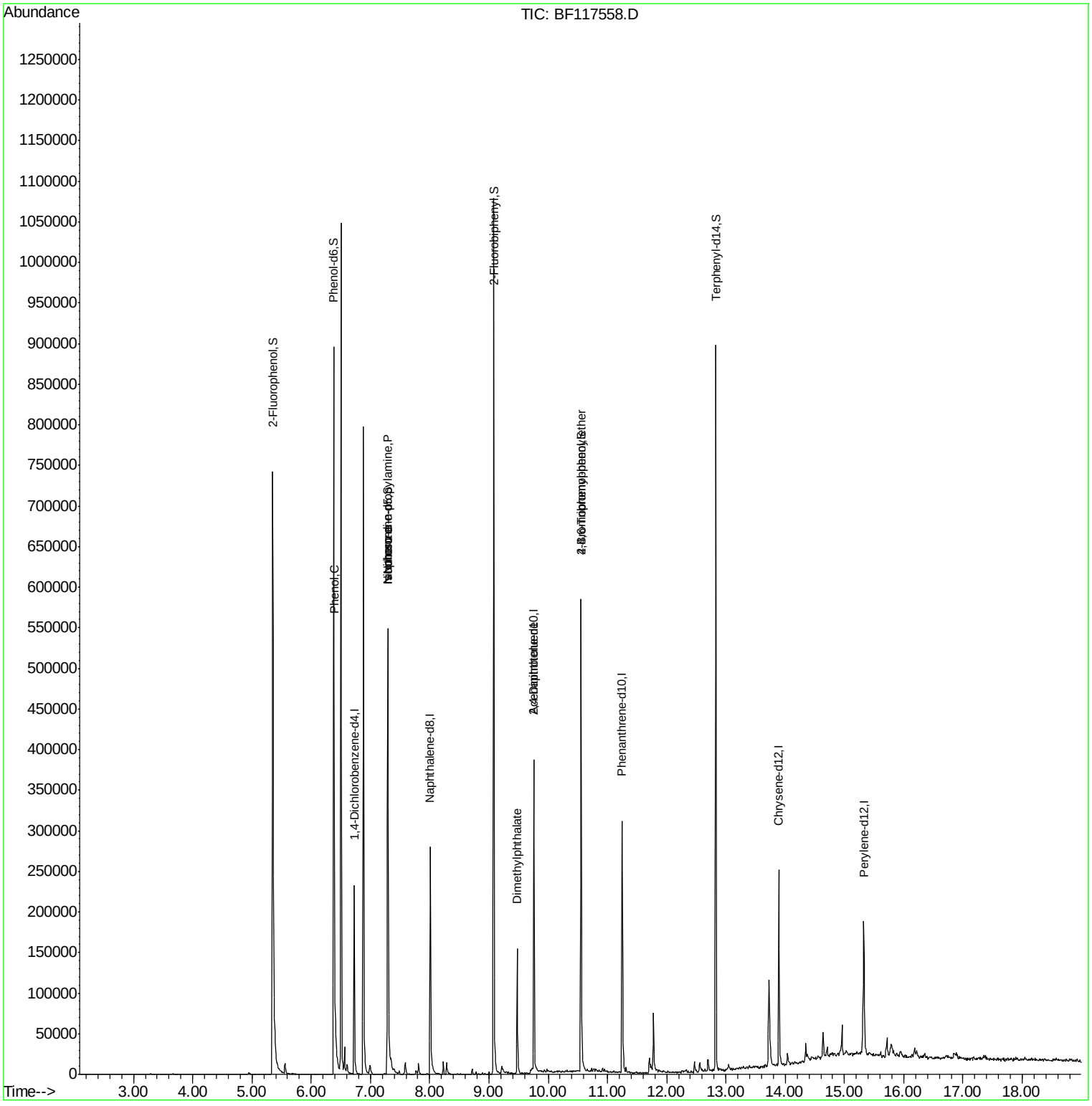
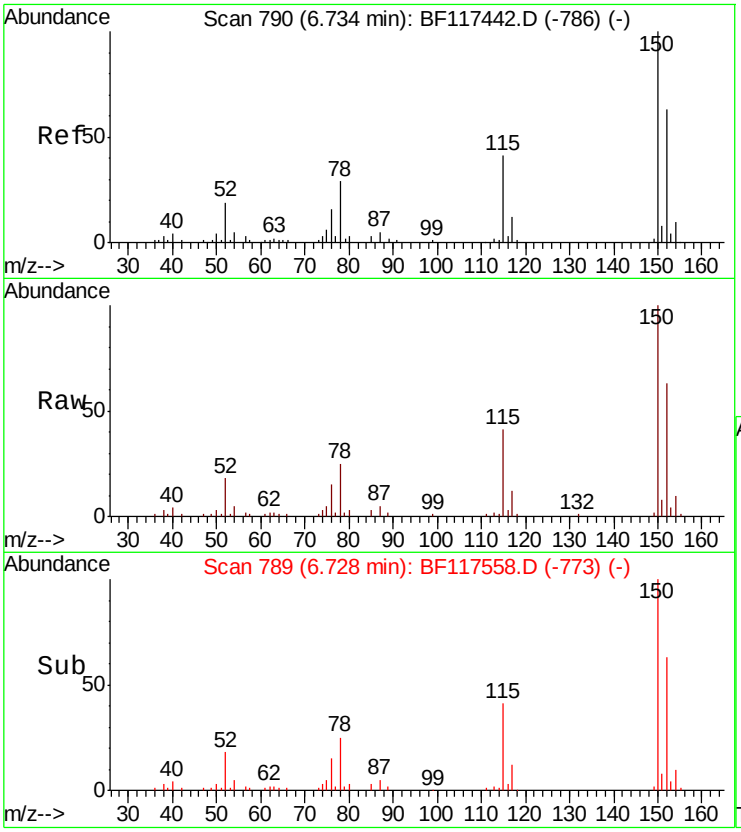


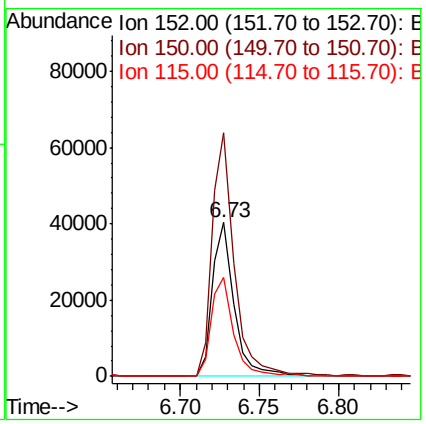


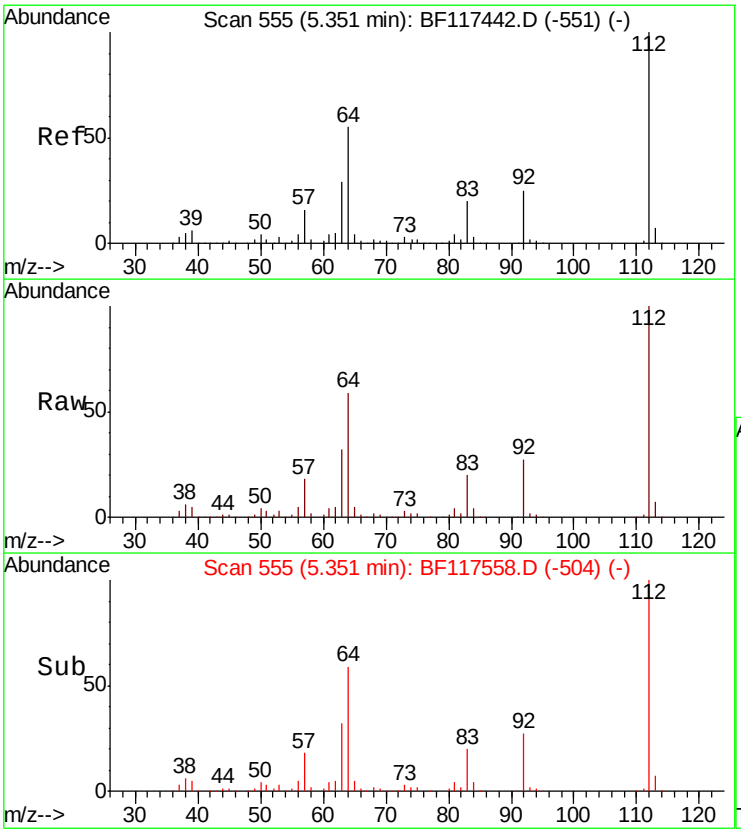
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 38676

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.8	190.2
115	64.5	51.6	77.4

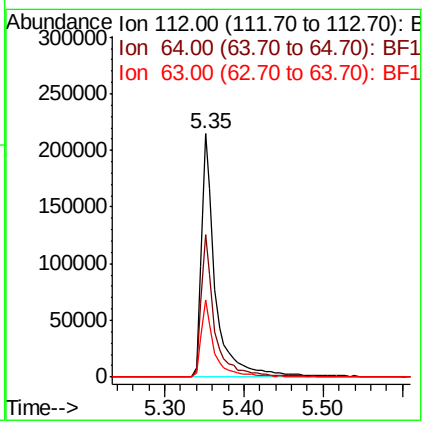


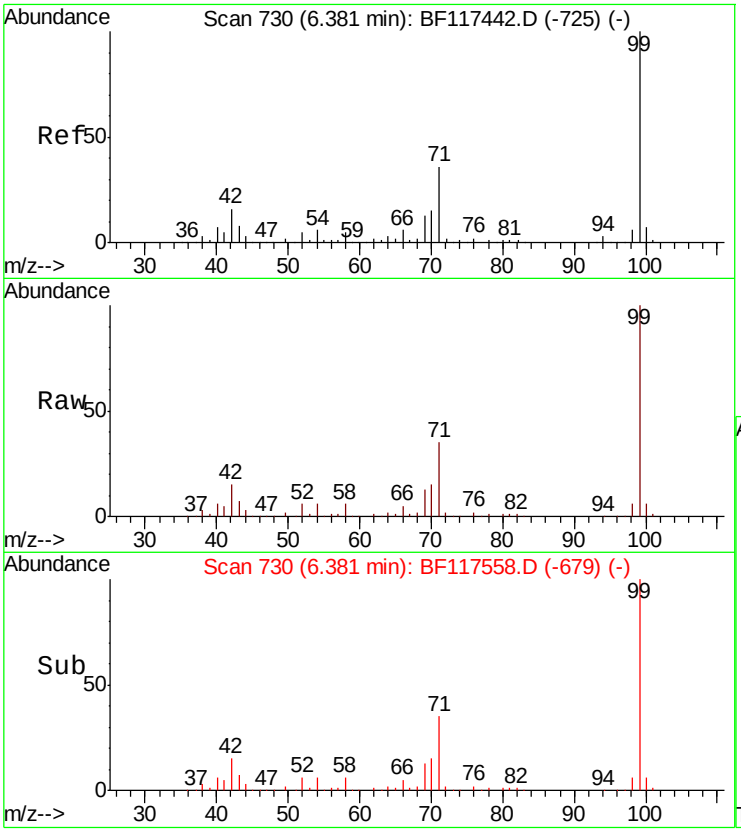


#5
2-Fluorophenol
Concen: 103.385 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:112 Resp: 268772

Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	31.6	23.4	35.2



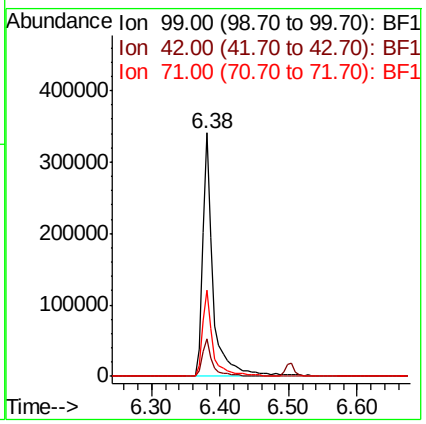


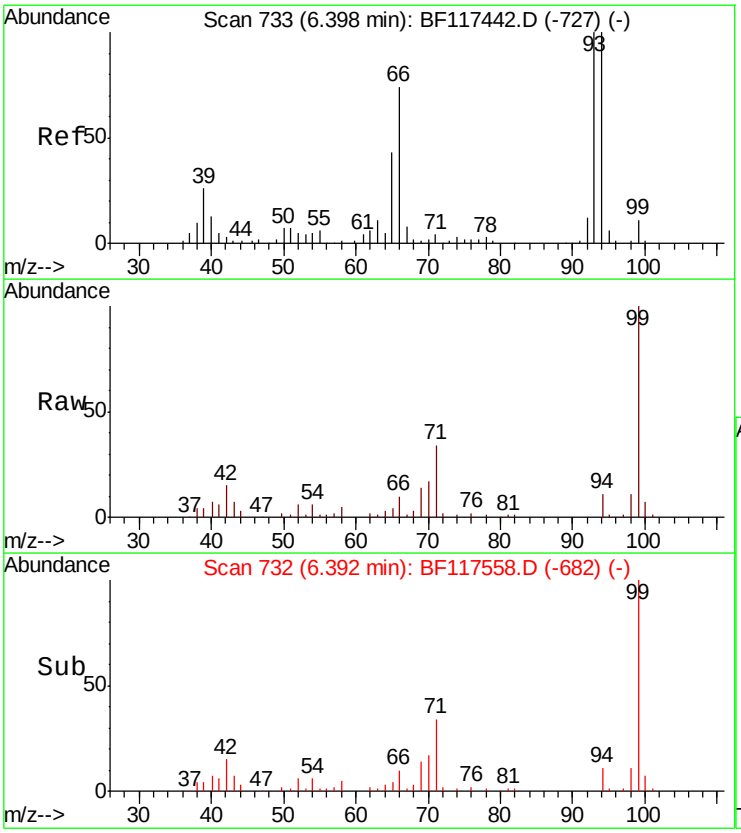
#7
Phenol-d6
Concen: 106.528 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 371965

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	35.1	28.6	43.0

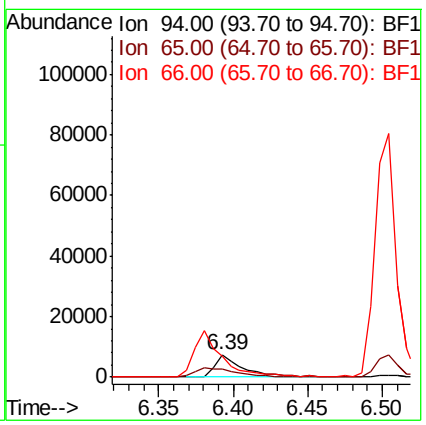


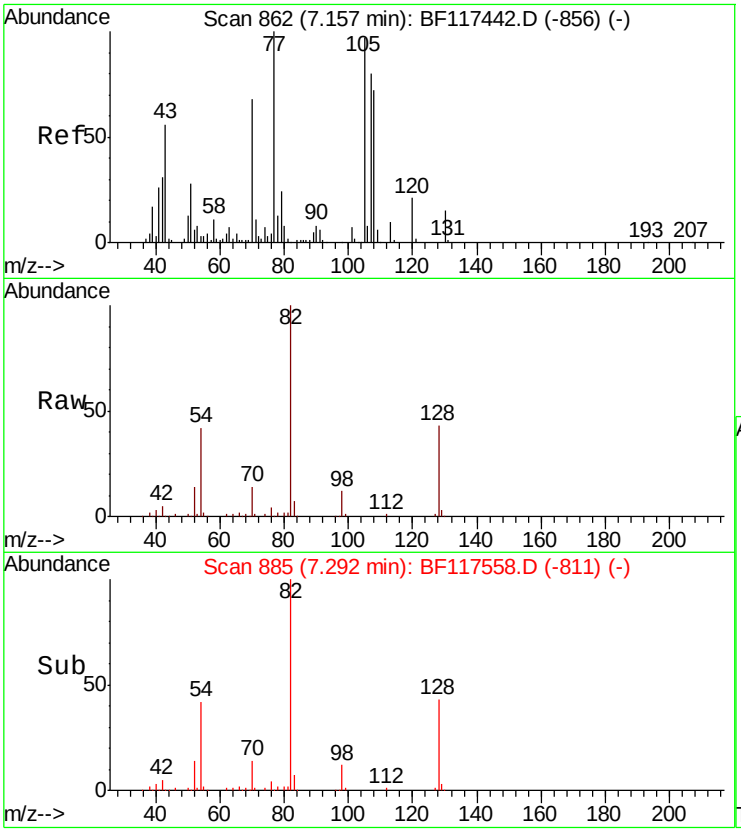


#10
Phenol
Concen: 2.699 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion: 94 Resp: 9620

Ion	Ratio	Lower	Upper
94	100		
65	38.3	23.4	63.4
66	91.1	54.7	94.7



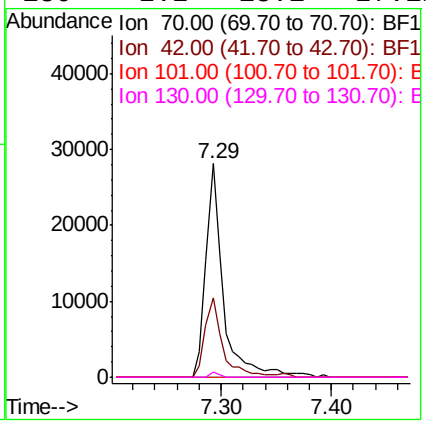


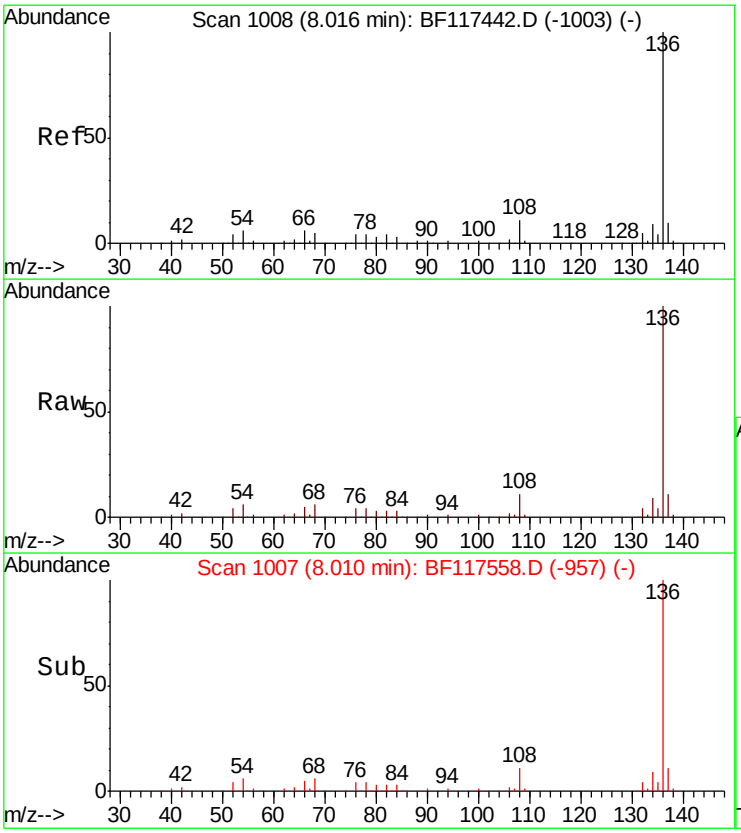
#19
n-Nitroso-di-n-propylamine
Concen: 14.138 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 70 Resp: 30149

Ion	Ratio	Lower	Upper
70	100		
42	36.9	36.7	55.1
101	0.0	8.3	12.5#
130	2.2	18.1	27.1#

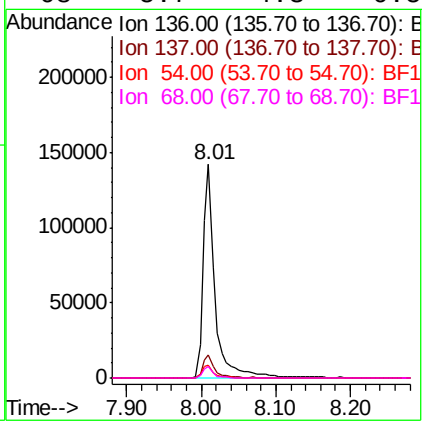


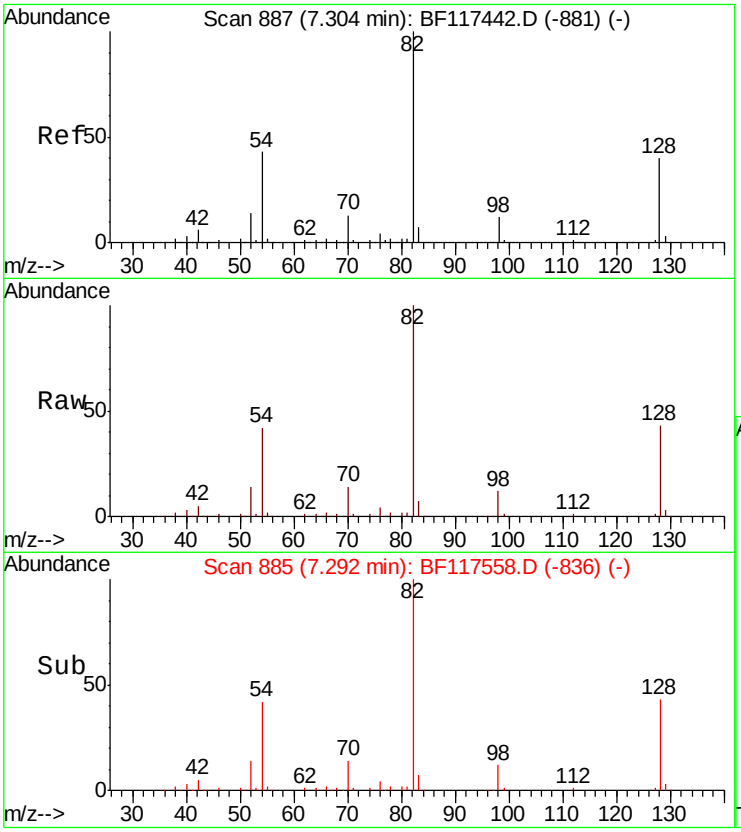


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:136 Resp: 159165

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	6.1	4.5	6.7
68	5.7	4.3	6.5



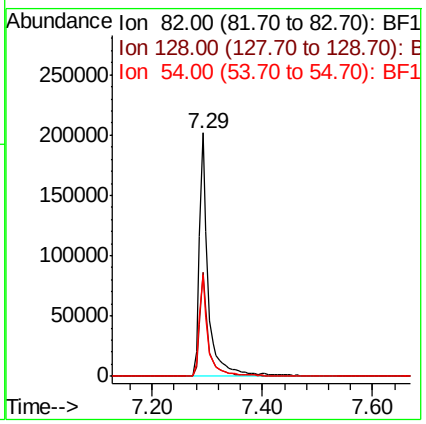


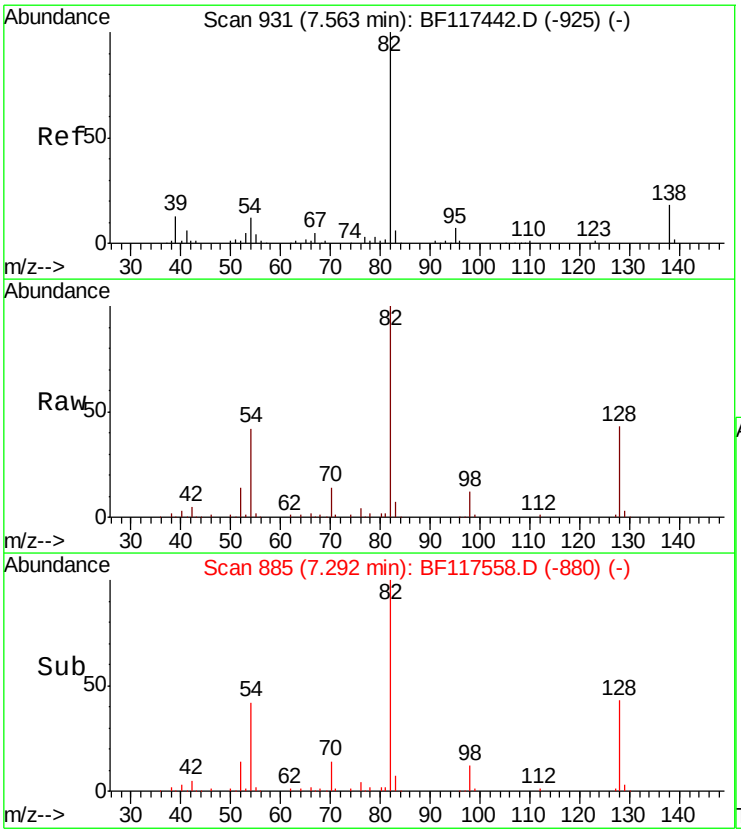
#23
Nitrobenzene-d5
Concen: 70.426 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 227059

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	41.5	34.2	51.2

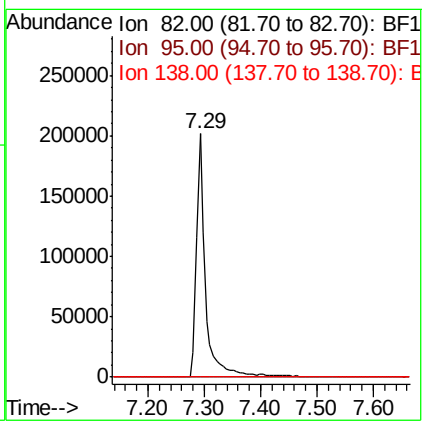


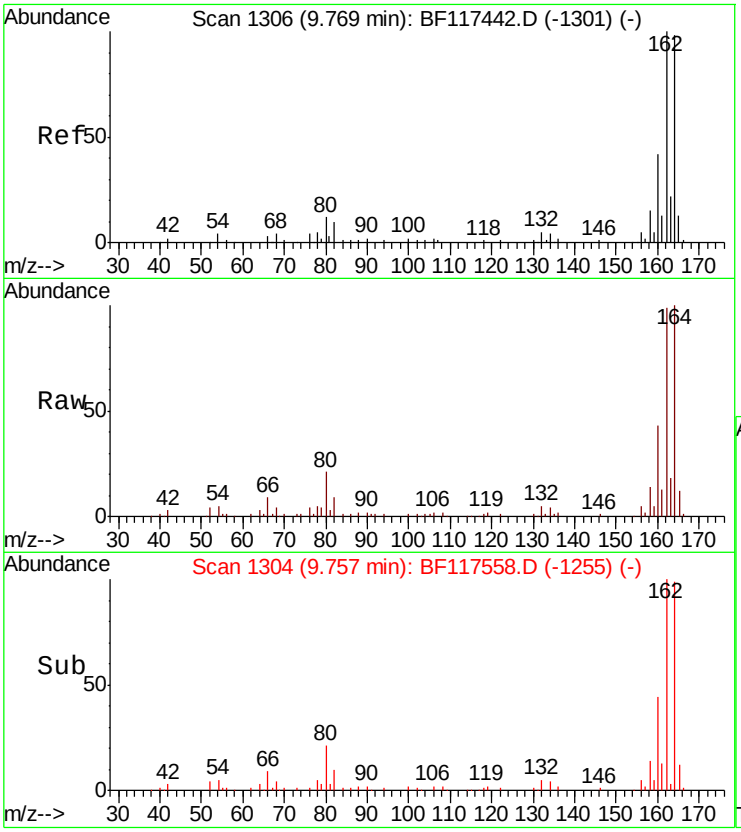


#25
Isophorone
Concen: 40.711 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion: 82 Resp: 227058

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



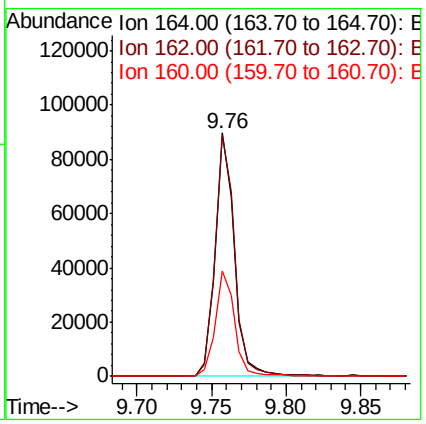


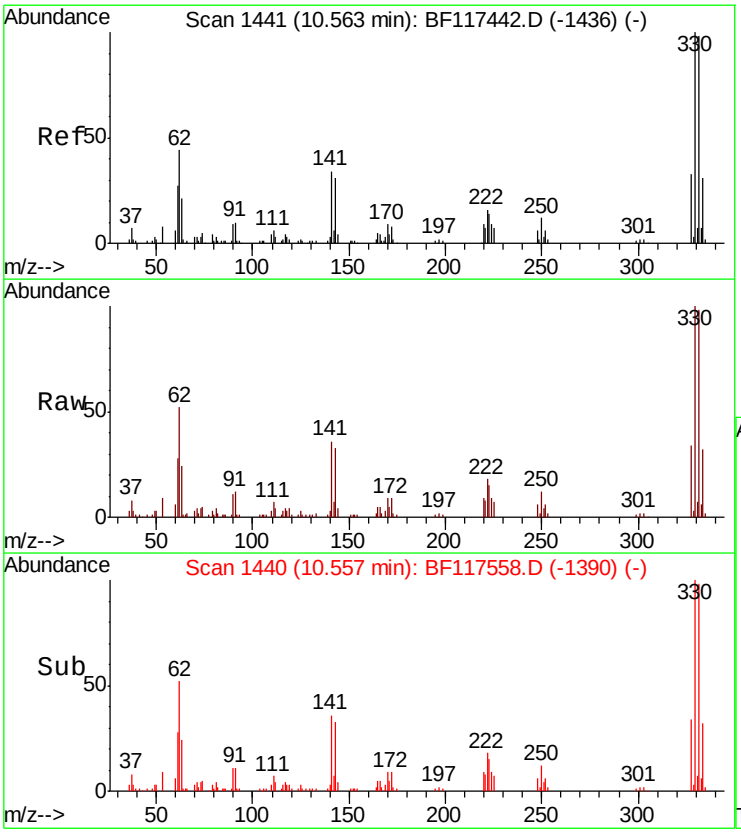
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 80888

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.8	122.6
160	43.3	34.4	51.6

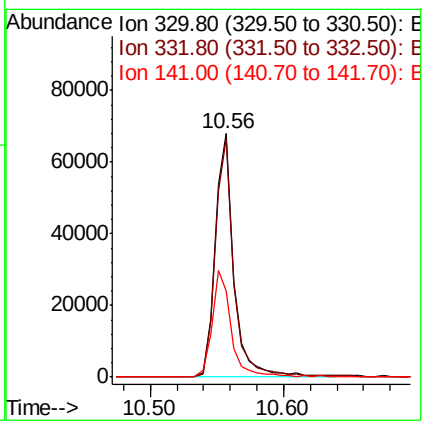


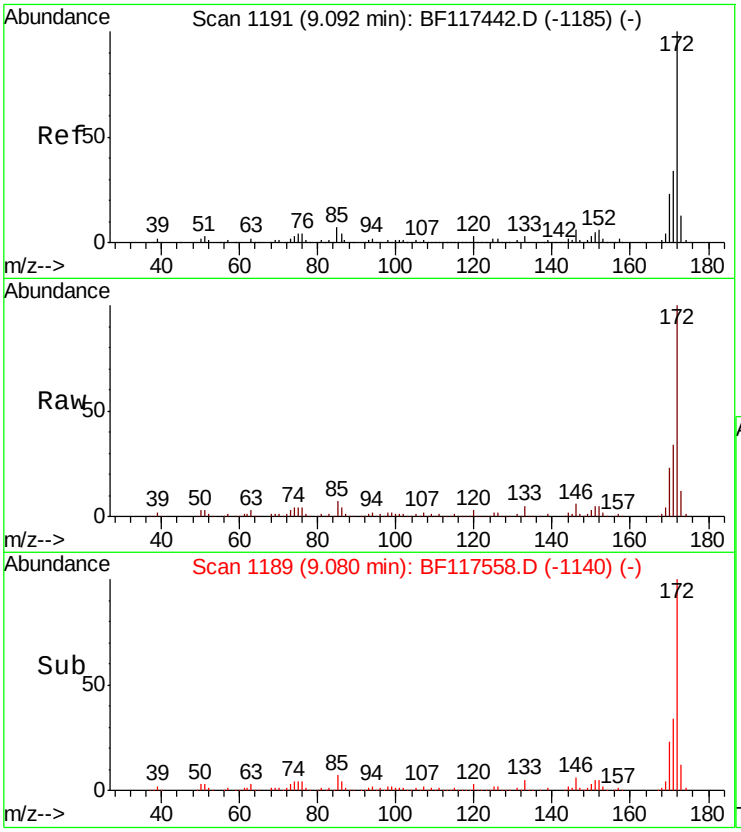


#42
2,4,6-Tribromophenol
Concen: 96.205 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:330 Resp: 67333

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	44.3	37.0	55.6



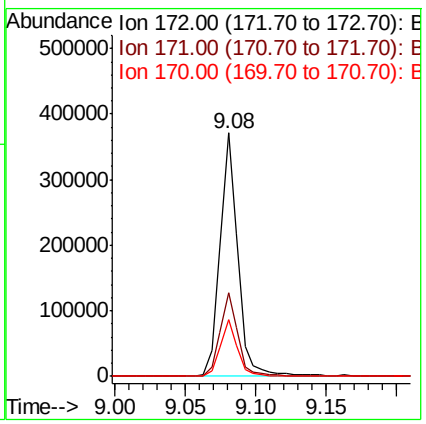


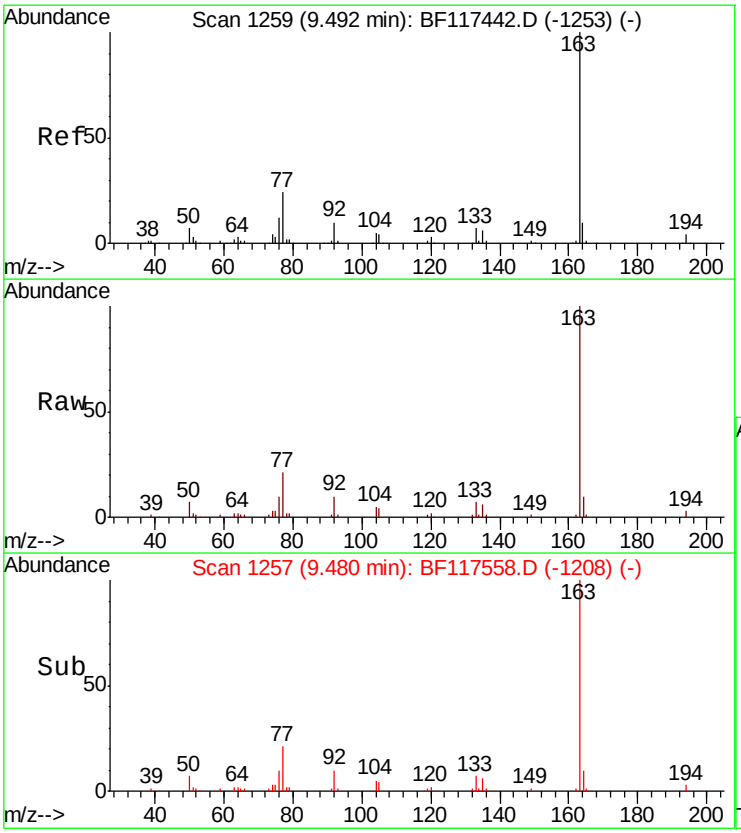
#45
2-Fluorobiphenyl
Concen: 56.854 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 326393

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	23.2	18.6	27.8

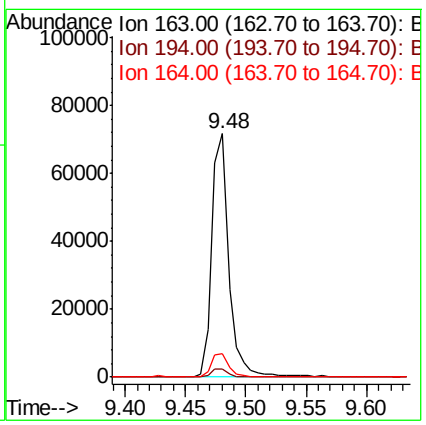


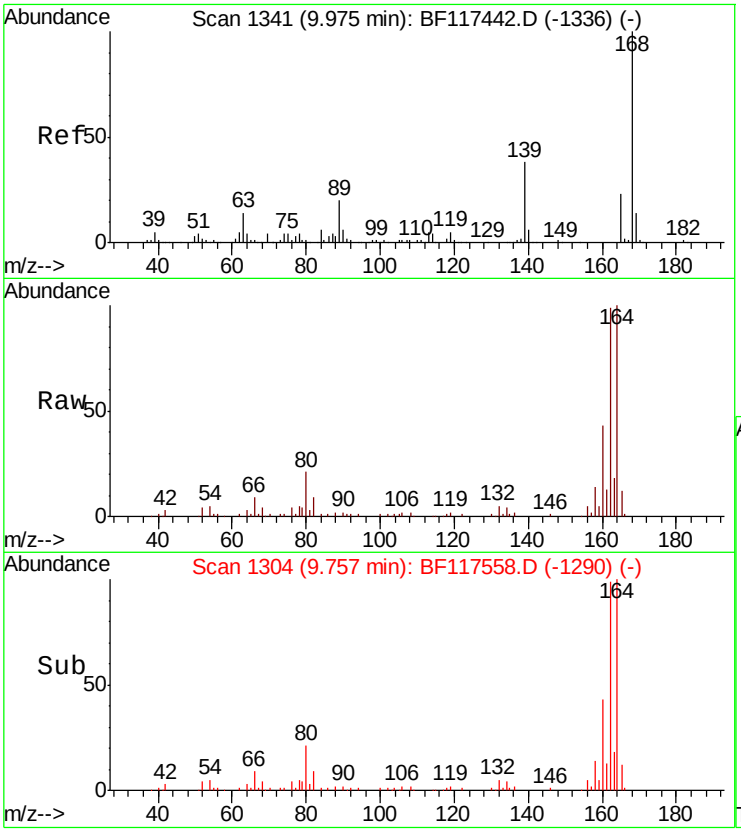


#50
Dimethylphthalate
Concen: 12.011 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:163 Resp: 69263

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.8	8.2	12.2



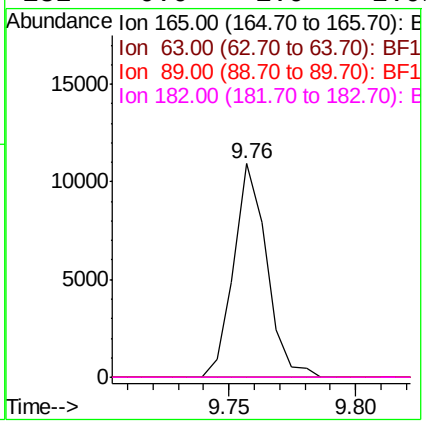


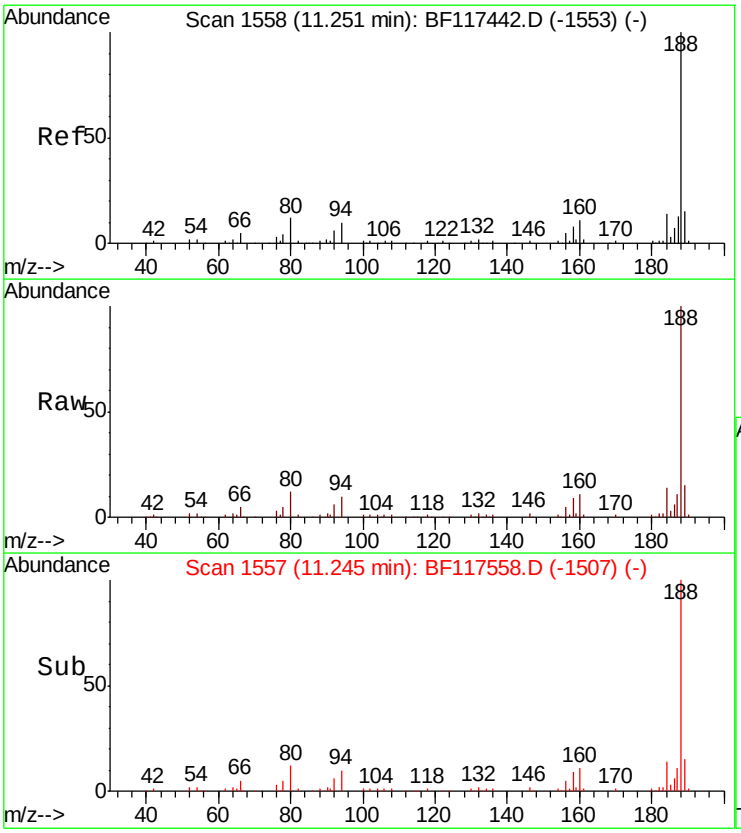
#57
2,4-Dinitrotoluene
Concen: 6.205 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 9927

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

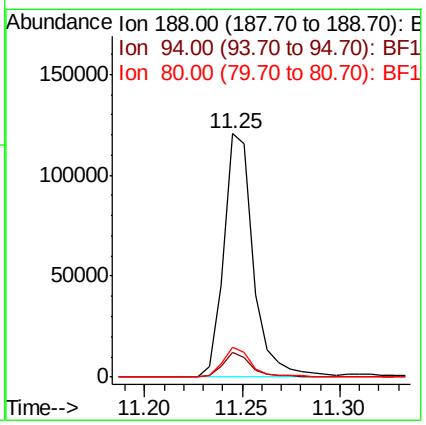


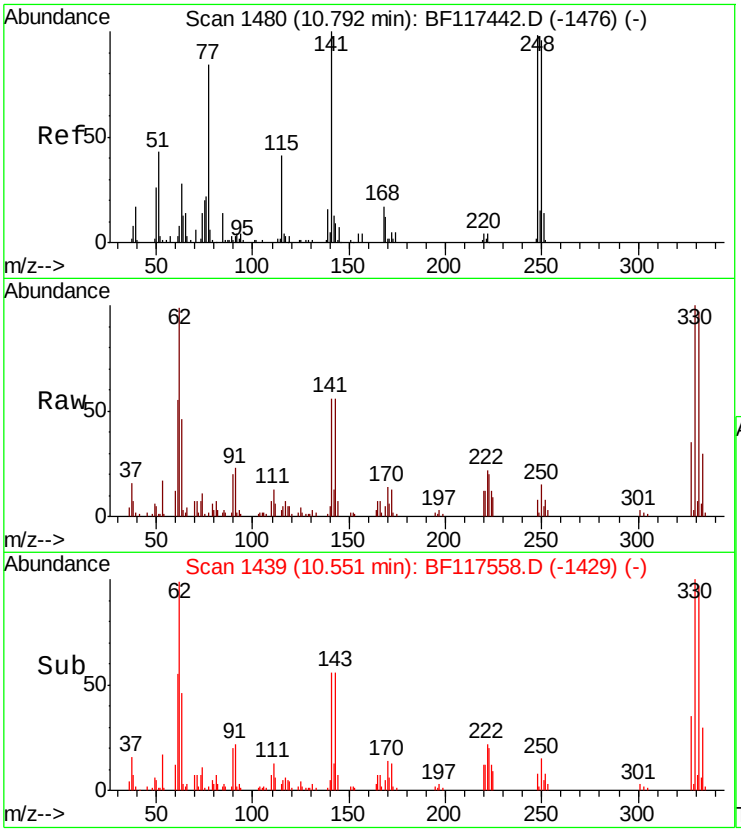


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:188 Resp: 126990

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	12.2	9.5	14.3



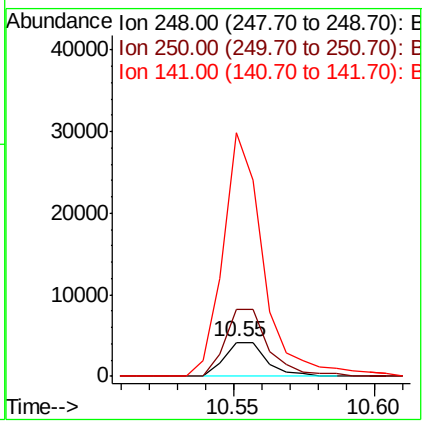


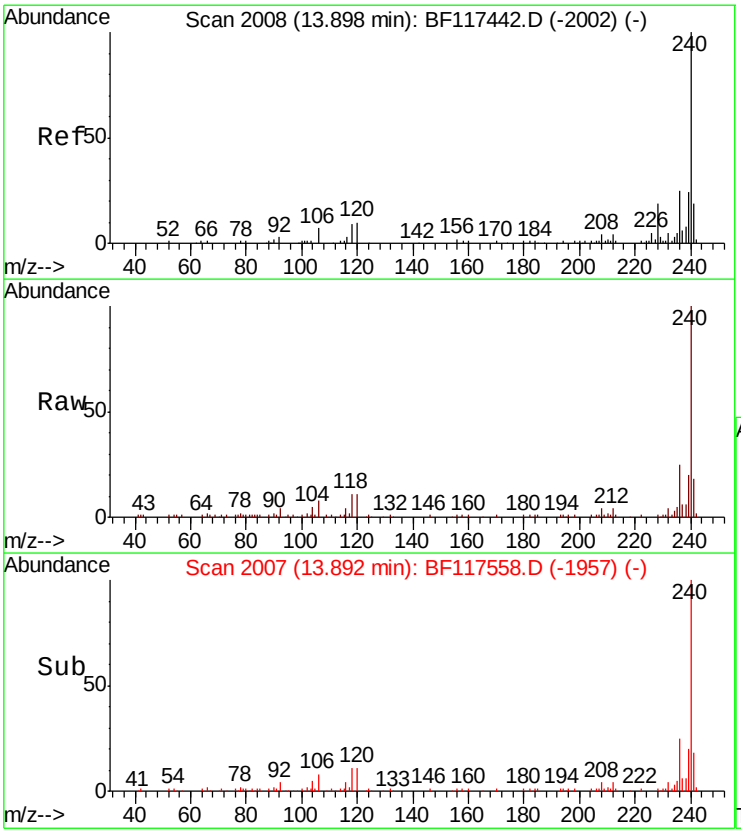
#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 4303

Ion	Ratio	Lower	Upper
248	100		
250	195.4	78.0	117.0#
141	709.8	81.7	122.5#

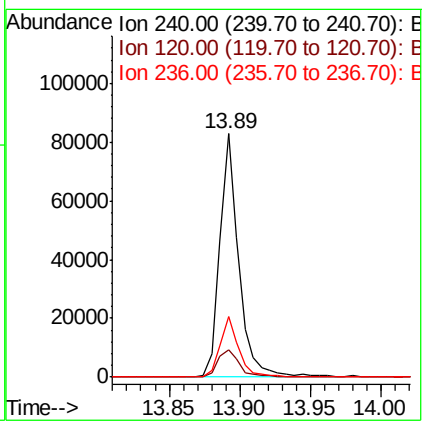


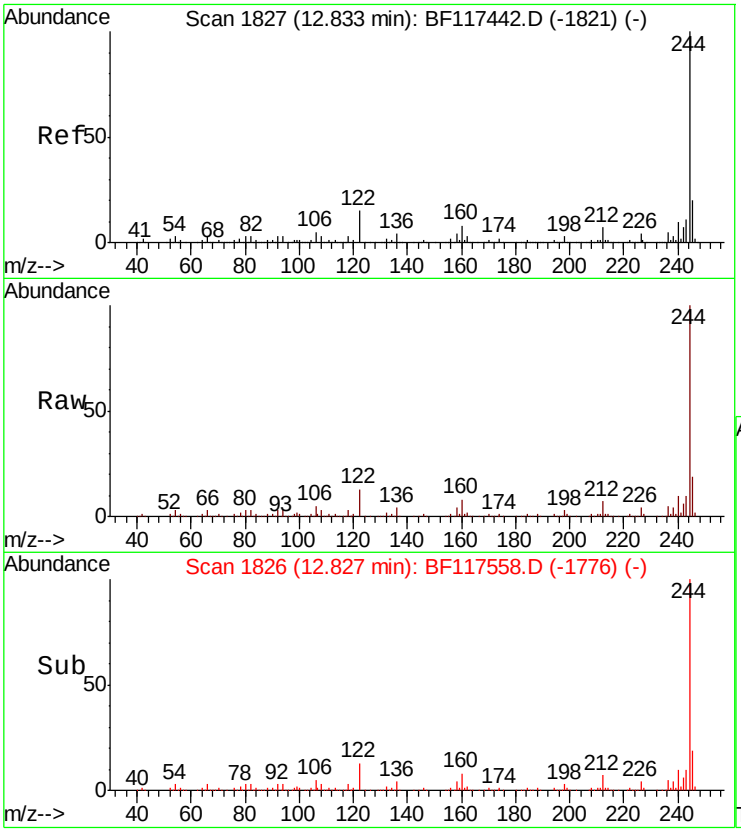


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:240 Resp: 77156

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	24.9	20.0	30.0



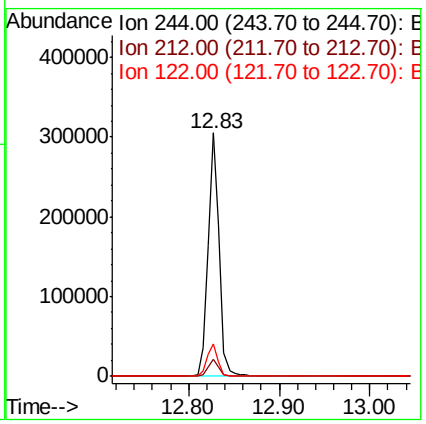


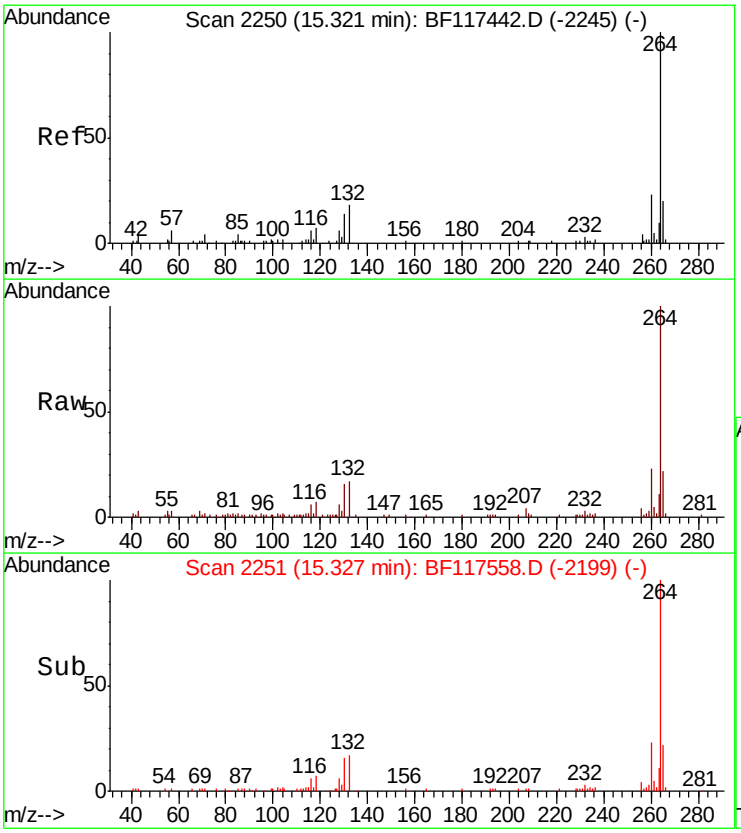
#79
Terphenyl-d14
Concen: 55.927 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 264550

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.4	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:264 Resp: 77021

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.6	16.1	24.1