Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117559.D
Acq On : 28 Oct 2019 14:16
Operator : JU
Sample : K5501-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 14:04:25 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	39612	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	156412	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	79973	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	132924	20.00	ng		0.00
76) Chrysene-d12	13.89	240	76885	20.00	ng		0.00
87) Perylene-d12	15.33	264	76013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	267023	100.29	ng		0.00
7) Phenol-d6	6.38	99	364733	101.99	ng		0.00
23) Nitrobenzene-d5	7.29	82	224749	70.94	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	66550	96.17	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	390524	68.80	ng		-0.01
79) Terphenyl-d14	12.83	244	348135	73.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	290	Below Cal		#	3
10) Phenol	6.39	94	8621	2.362	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	29284	13.408	ng	#	77
25) Isophorone	7.29	82	224747	41.005	ng	#	65
50) Dimethylphthalate	9.48	163	48579	8.521	ng		96
51) 2,6-Dinitrotoluene	9.76	165	9944	8.358	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	9944	6.287	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	4210	2.940	ng	#	1
77) Benzidine	12.83	184	4759	Below Cal			95

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

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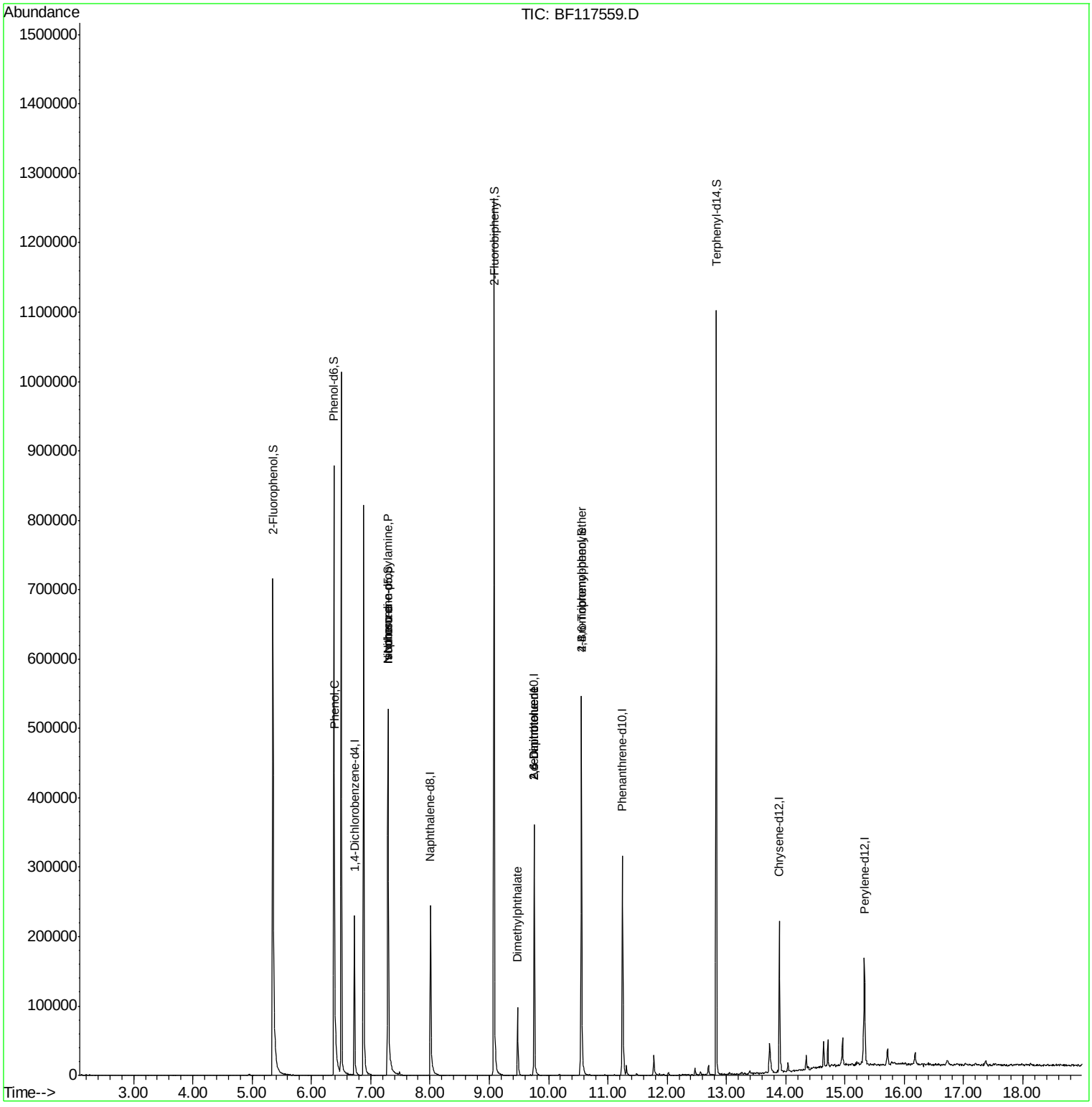
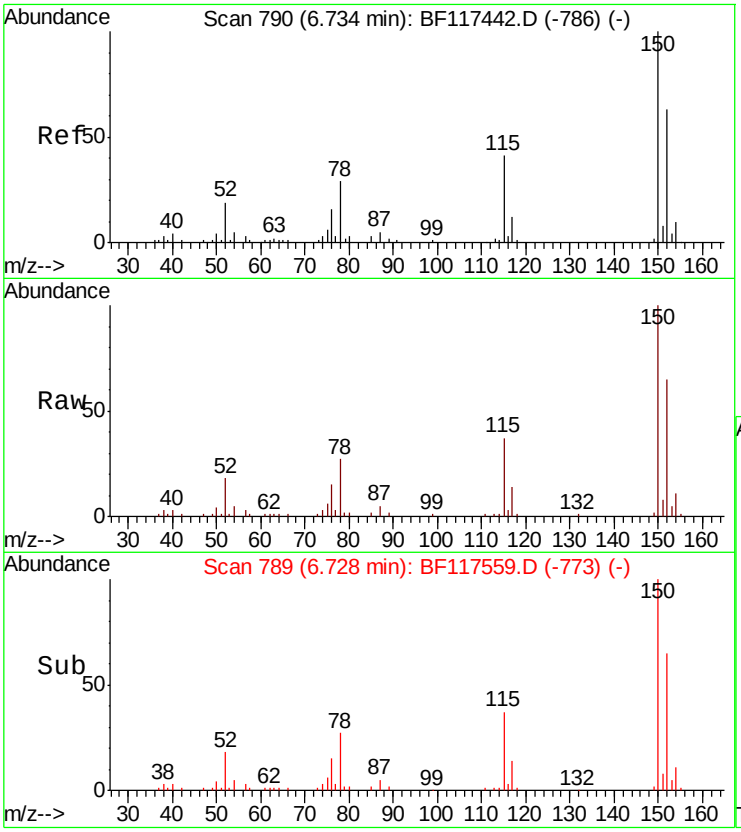


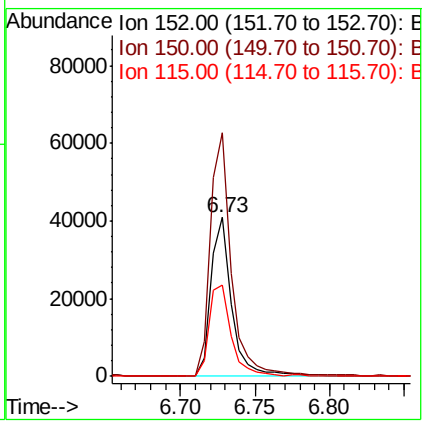


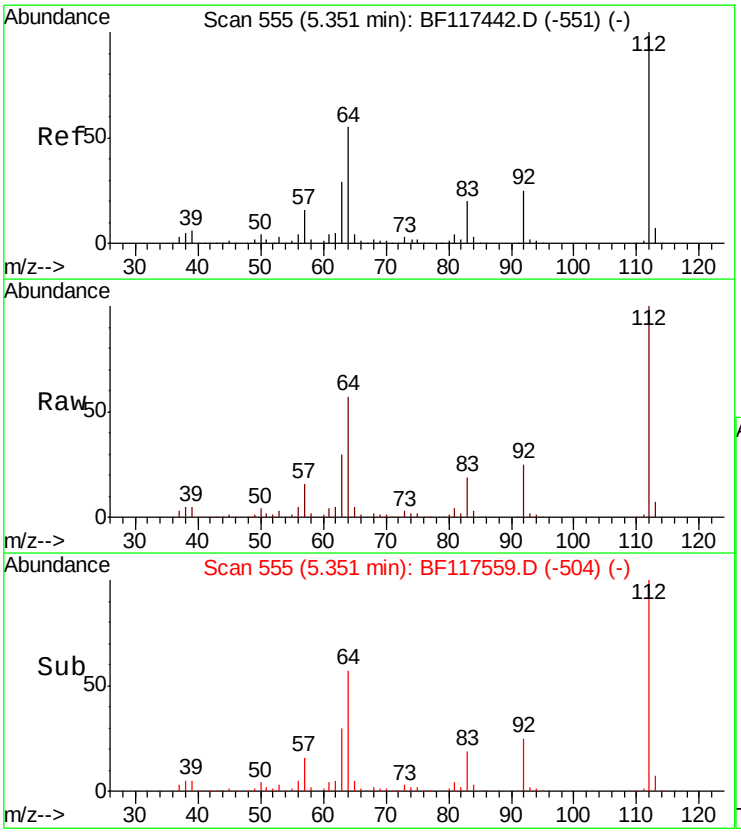
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 39612

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.8	190.2
115	57.5	51.6	77.4

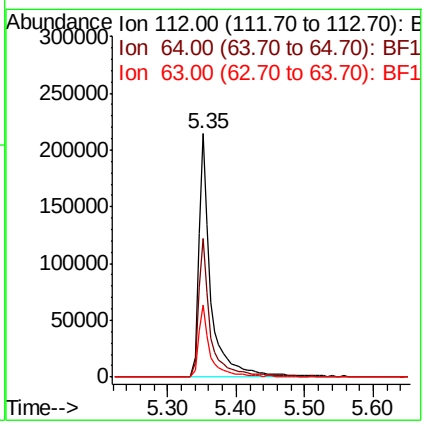


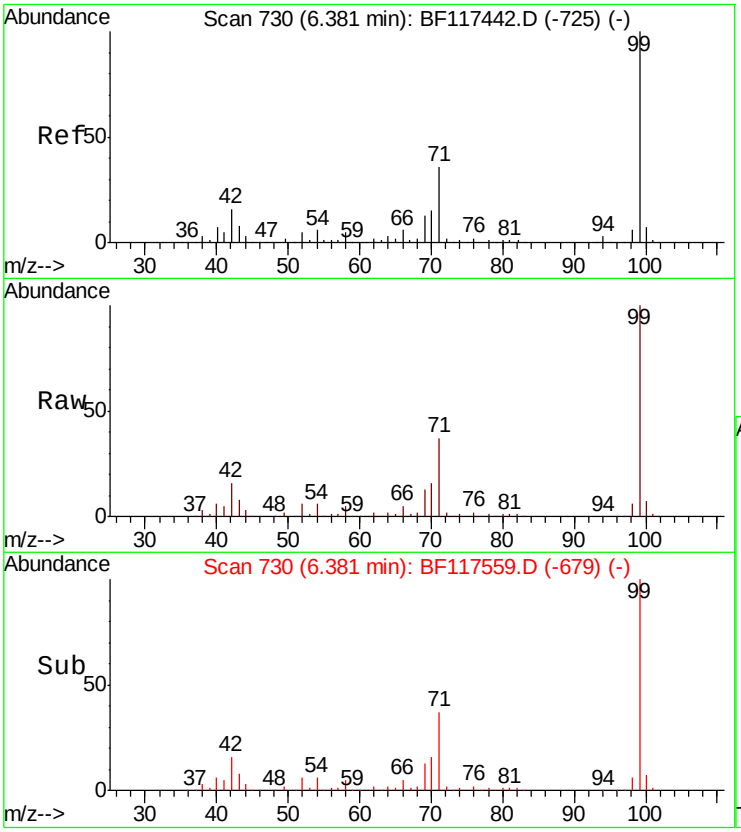


#5
2-Fluorophenol
Concen: 100.286 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:112 Resp: 267023

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.1	66.1
63	29.5	23.4	35.2



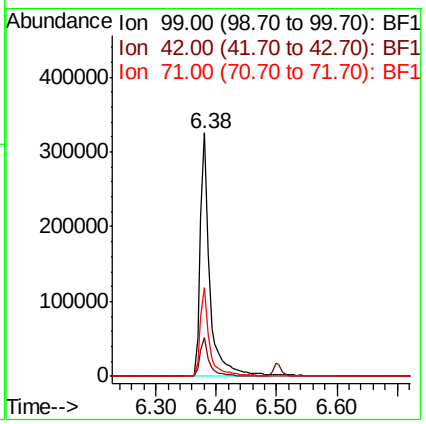


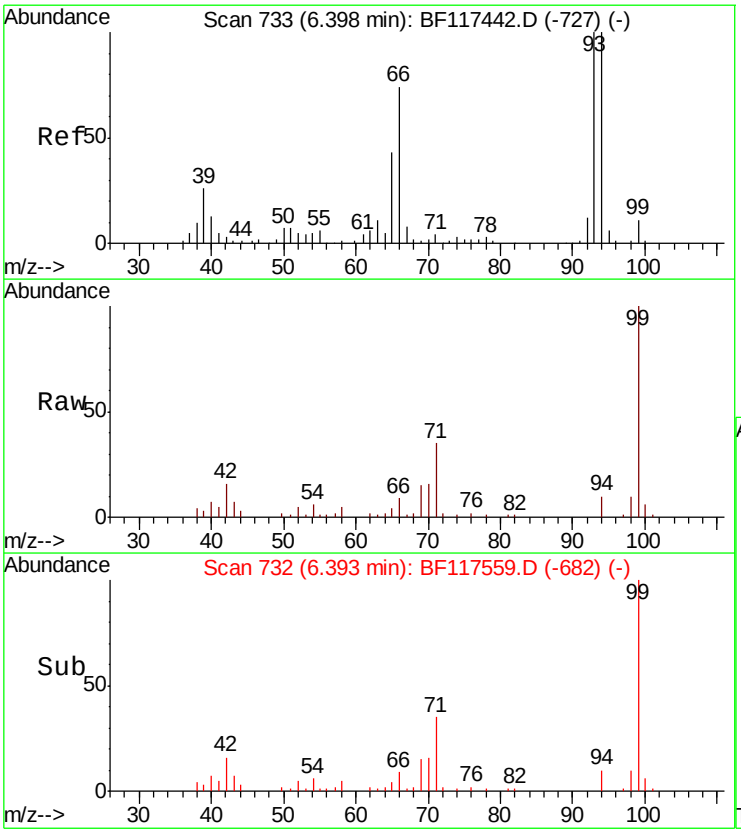
#7
Phenol-d6
Concen: 101.989 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 364733

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.8	19.2
71	36.7	28.6	43.0

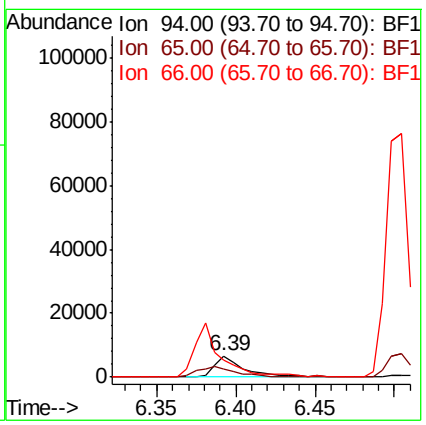


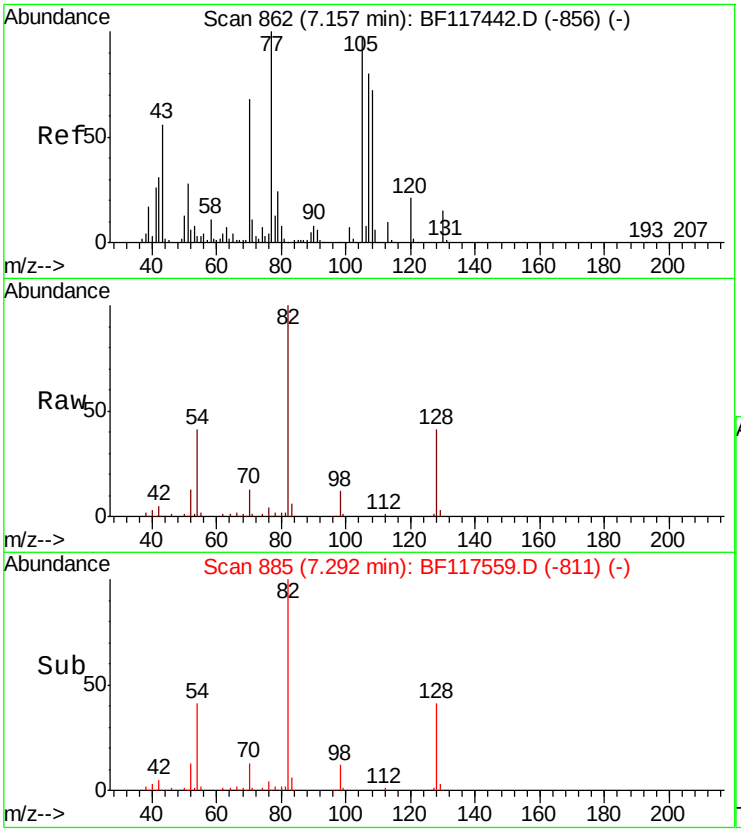


#10
Phenol
Concen: 2.362 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion: 94 Resp: 8621

Ion	Ratio	Lower	Upper
94	100		
65	38.8	23.4	63.4
66	83.7	54.7	94.7



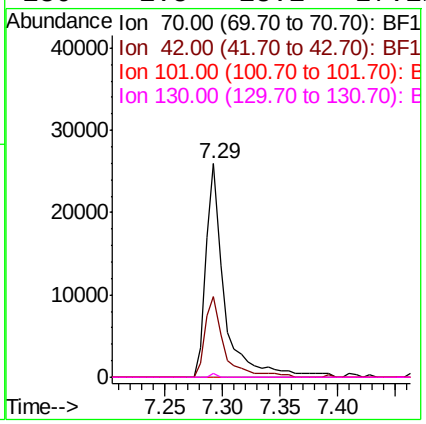


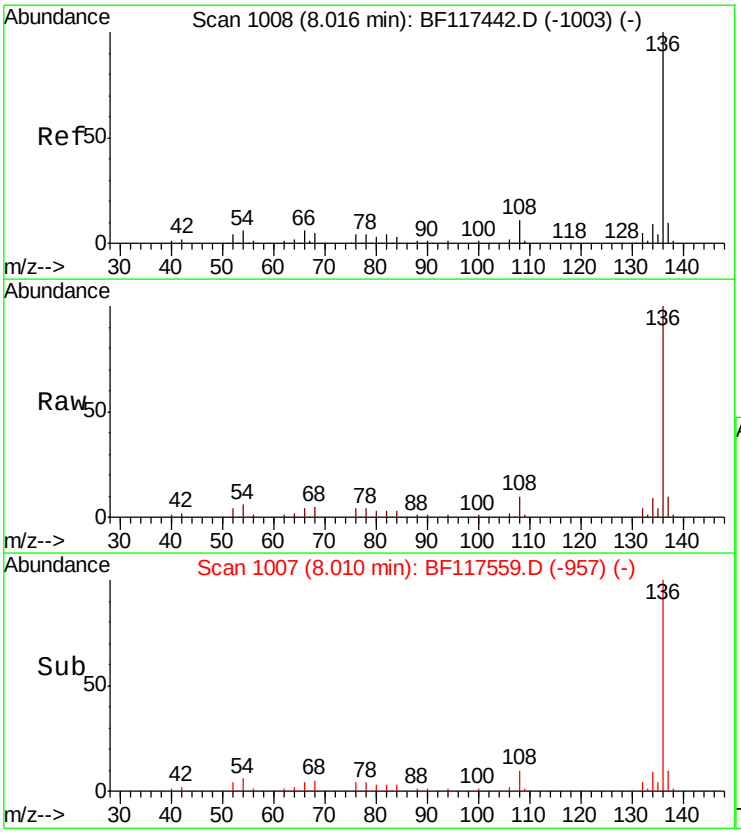
#19
n-Nitroso-di-n-propylamine
Concen: 13.408 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 70 Resp: 29284

Ion	Ratio	Lower	Upper
70	100		
42	37.9	36.7	55.1
101	0.0	8.3	12.5#
130	1.5	18.1	27.1#

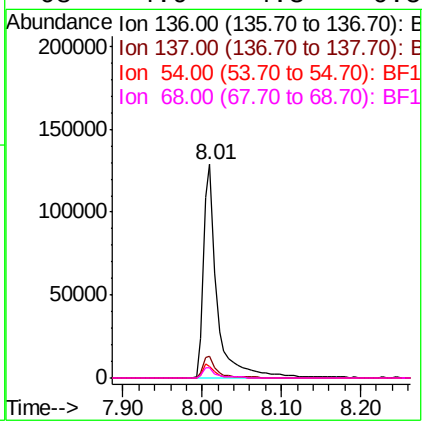


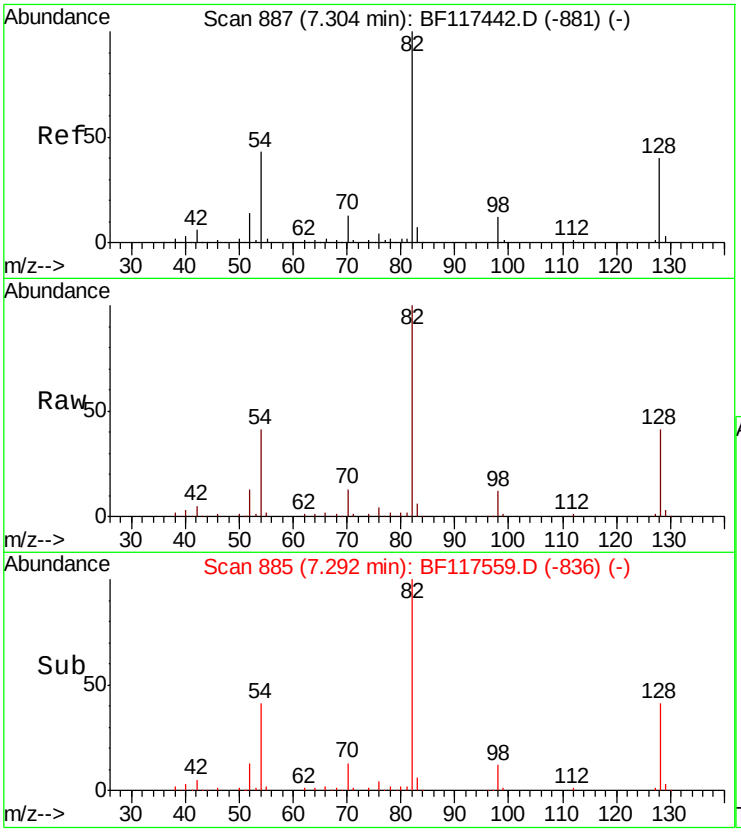


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:136 Resp: 156412

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	5.7	4.5	6.7
68	4.9	4.3	6.5



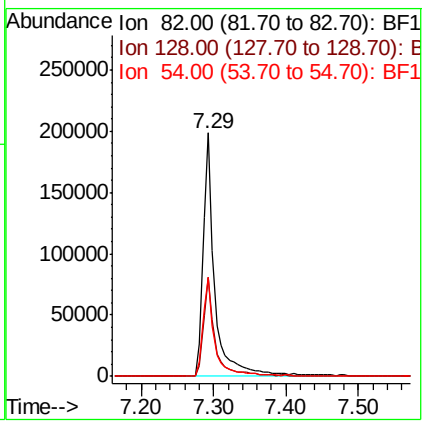


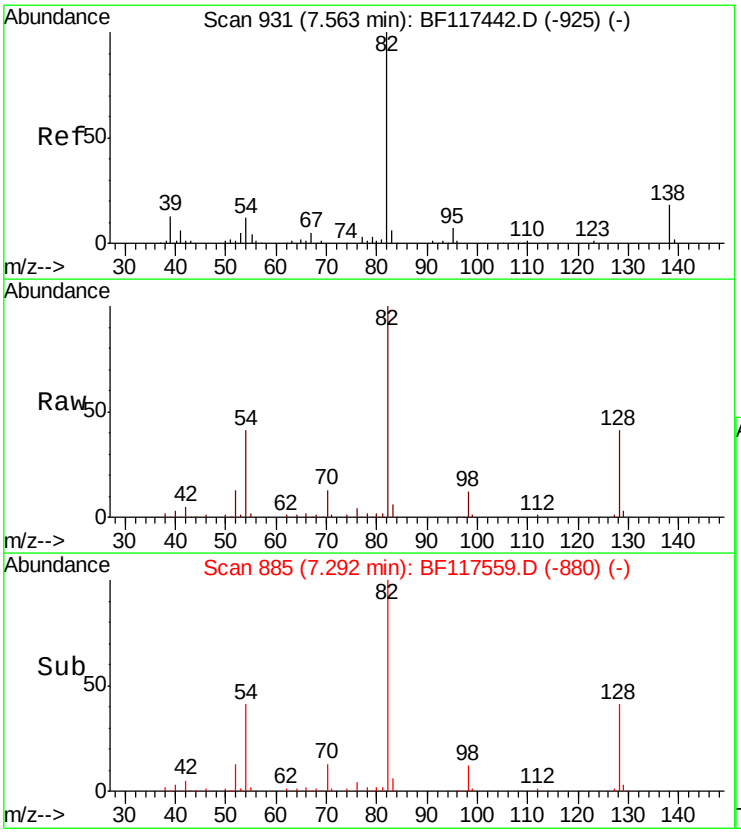
#23
Nitrobenzene-d5
Concen: 70.937 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 224749

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.2	48.2
54	40.7	34.2	51.2

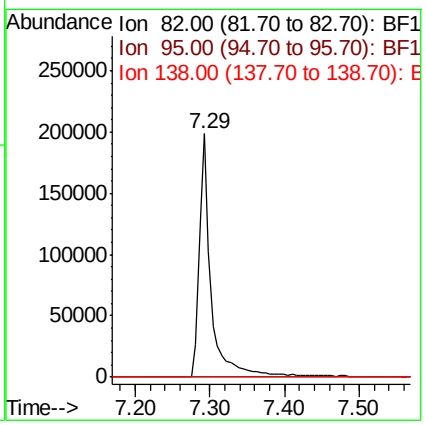


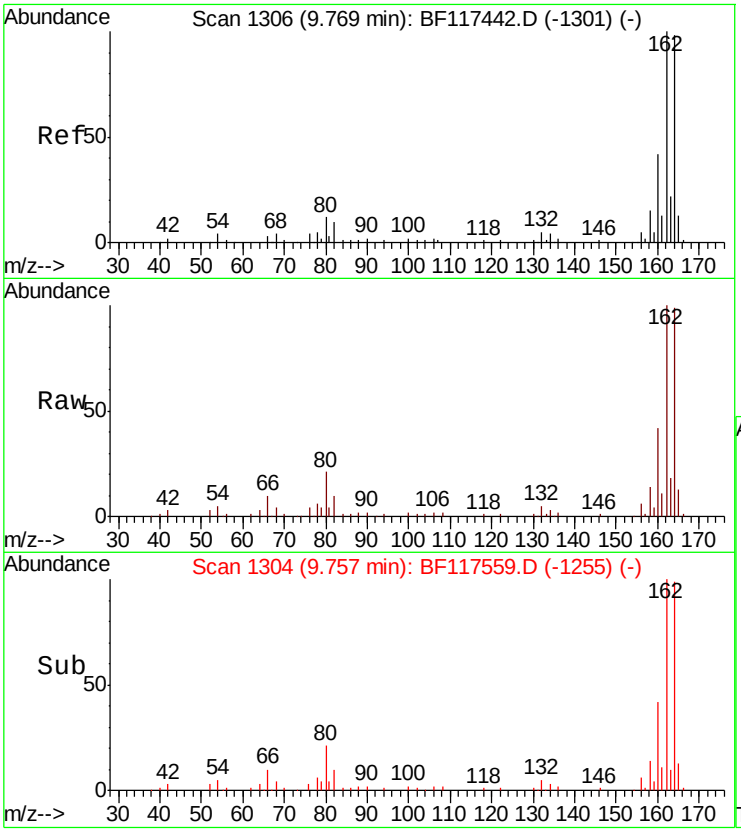


#25
Isophorone
Concen: 41.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion: 82 Resp: 224747

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



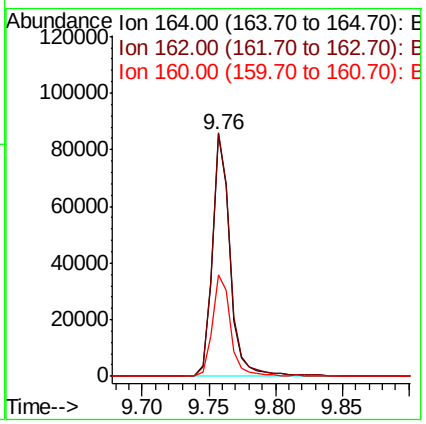


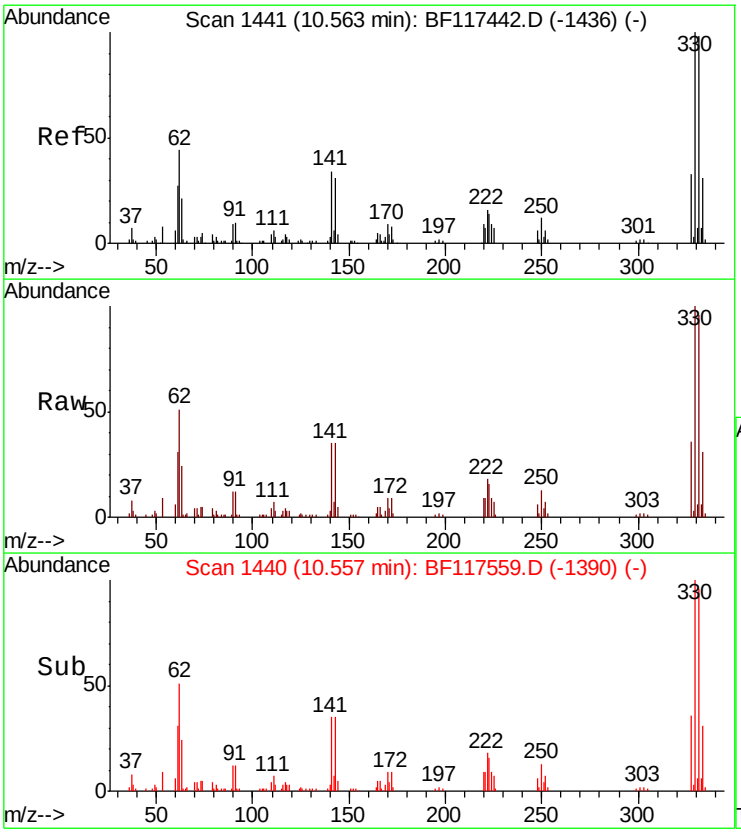
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 79973

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	41.8	34.4	51.6

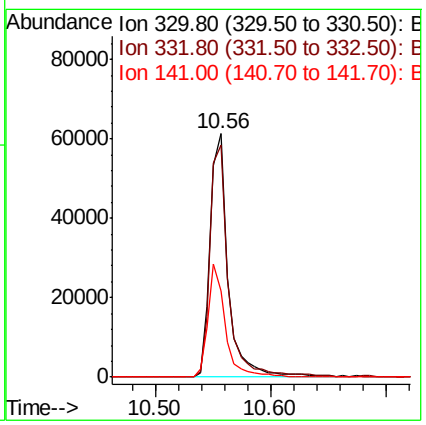


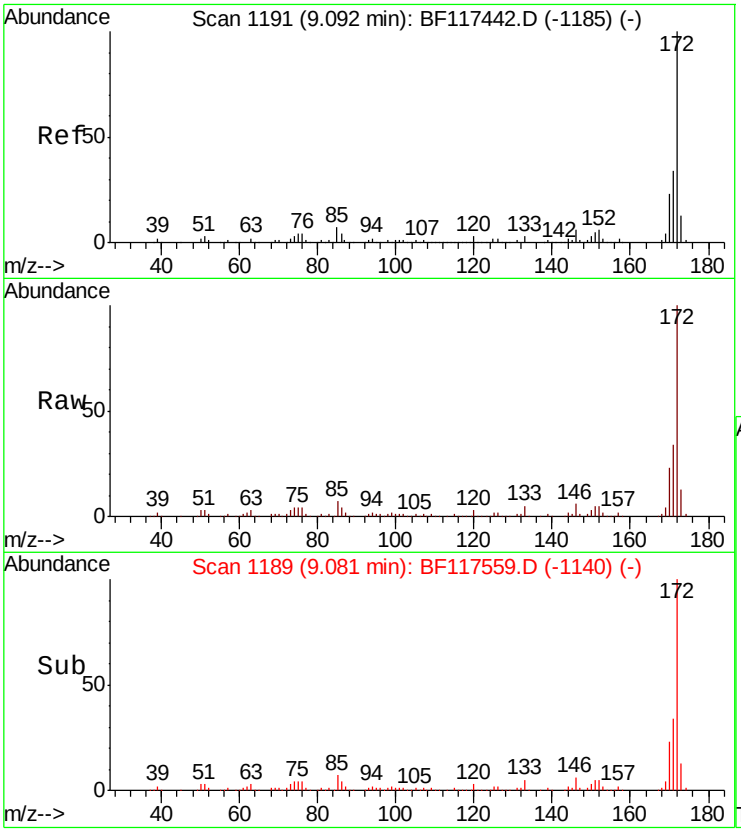


#42
2,4,6-Tribromophenol
Concen: 96.174 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:330 Resp: 66550

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	44.1	37.0	55.6



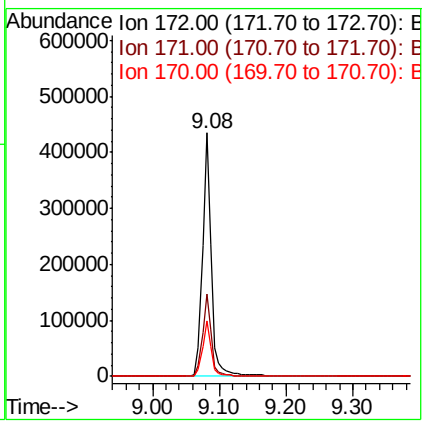


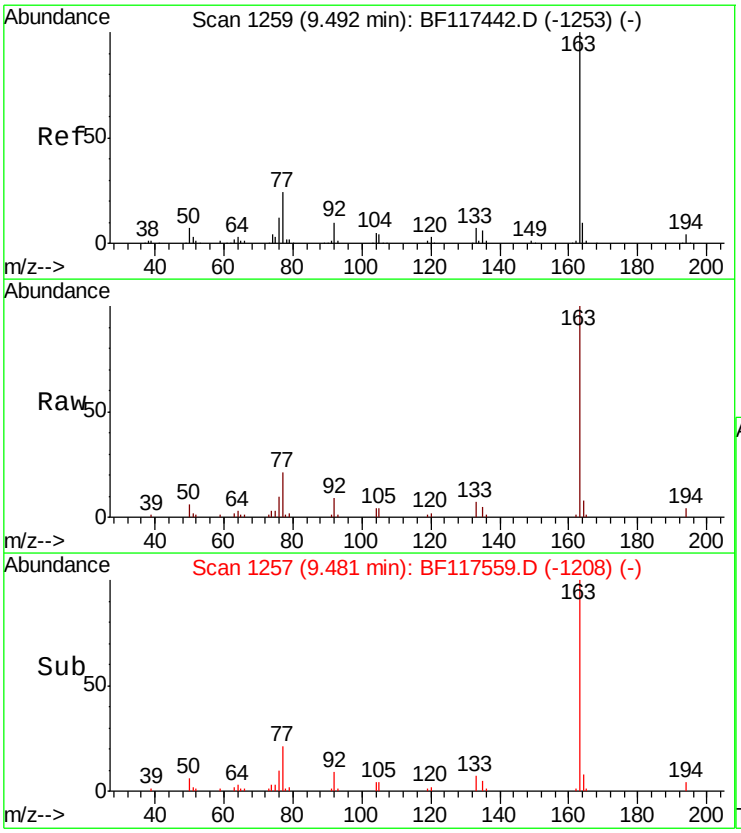
#45
2-Fluorobiphenyl
Concen: 68.804 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 390524

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.8	18.6	27.8

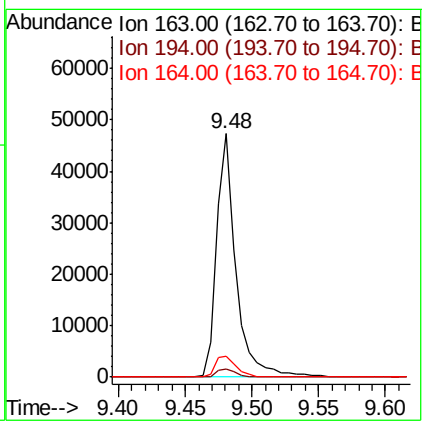


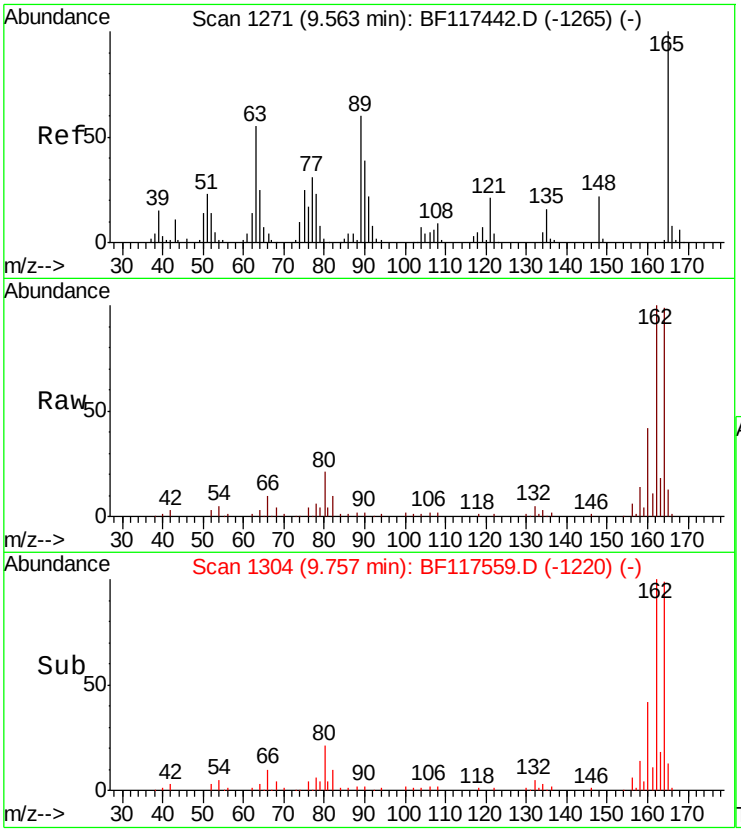


#50
Dimethylphthalate
Concen: 8.521 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:163 Resp: 48579

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	8.4	8.2	12.2



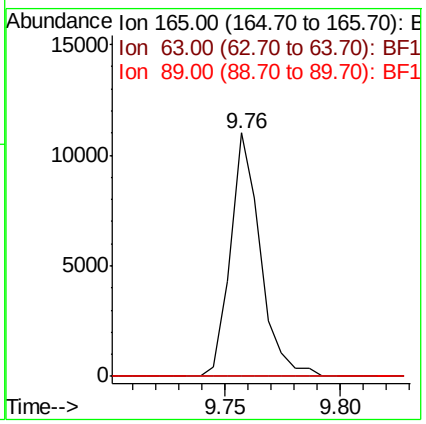


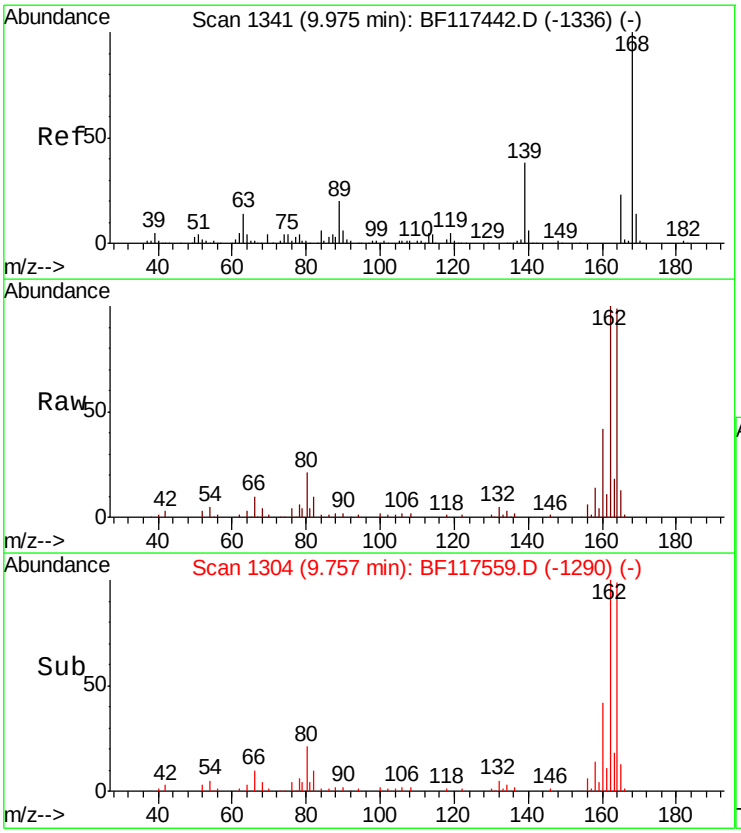
#51
2,6-Dinitrotoluene
Concen: 8.358 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 9944

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

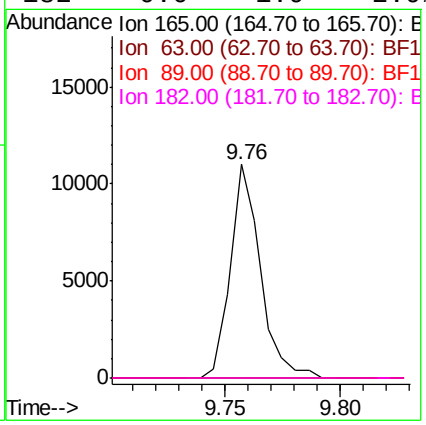


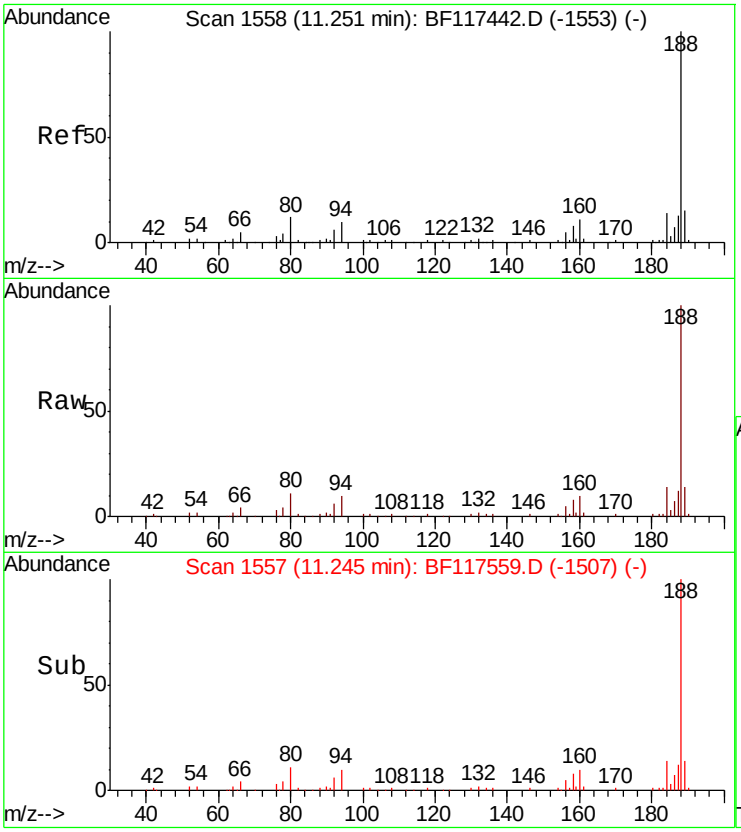


#57
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:165 Resp: 9944

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#



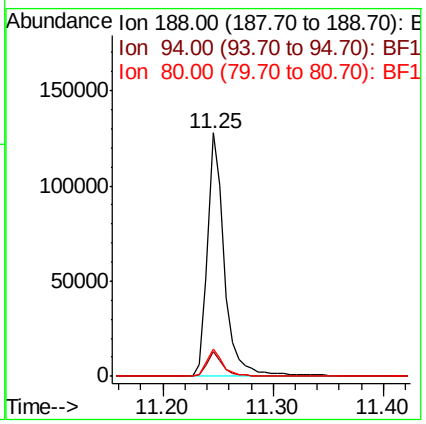


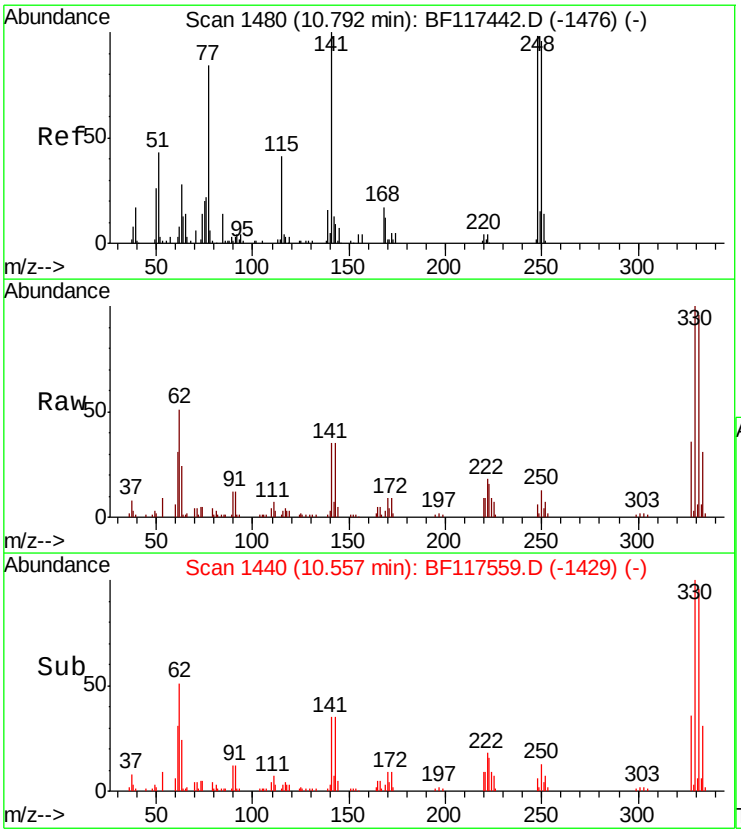
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 132924

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	11.2	9.5	14.3

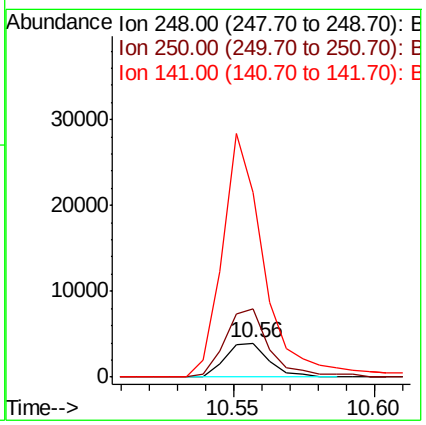


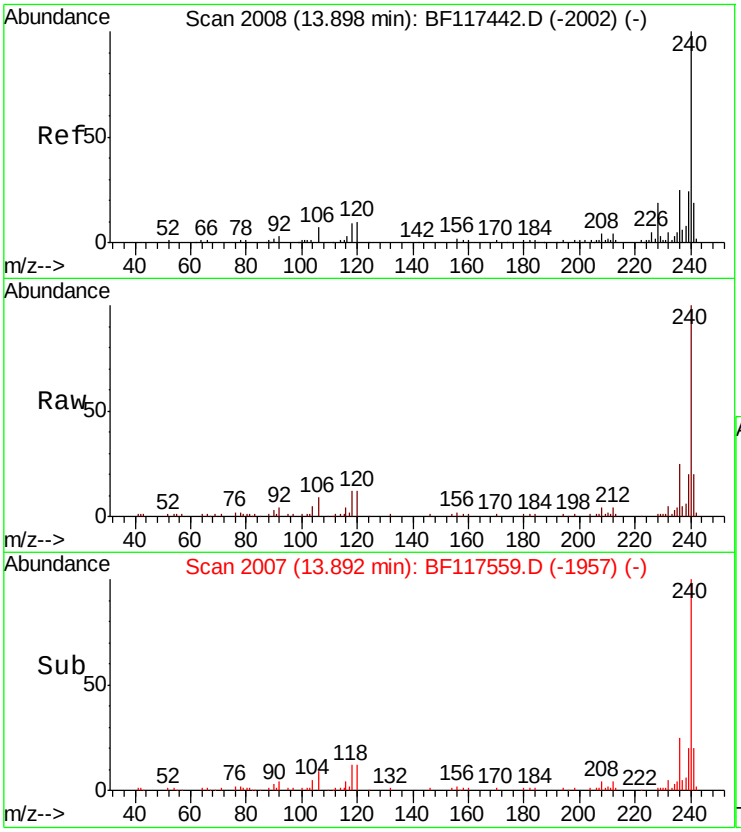


#67
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:248 Resp: 4210

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.0	117.0#
141	544.8	81.7	122.5#



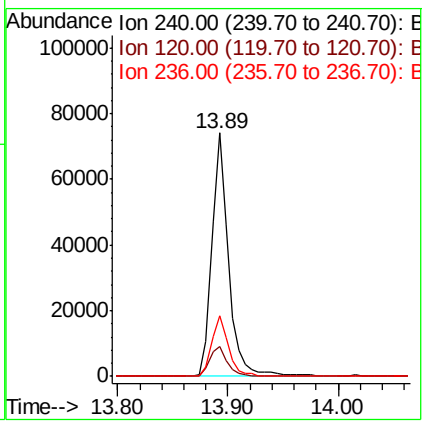


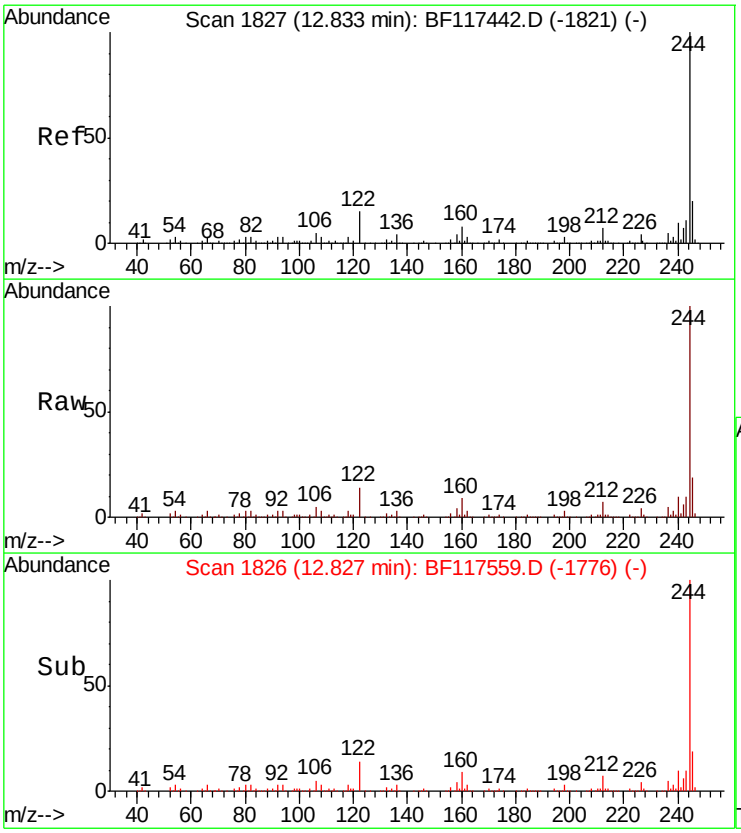
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 76885

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.4	12.6
236	25.1	20.0	30.0

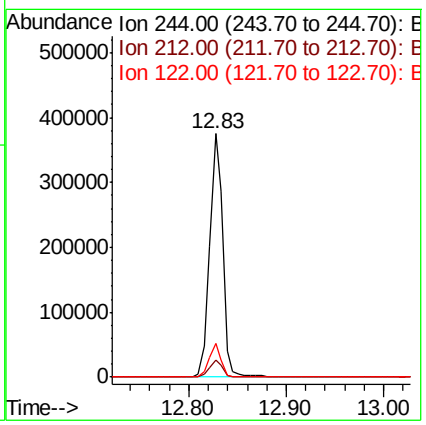


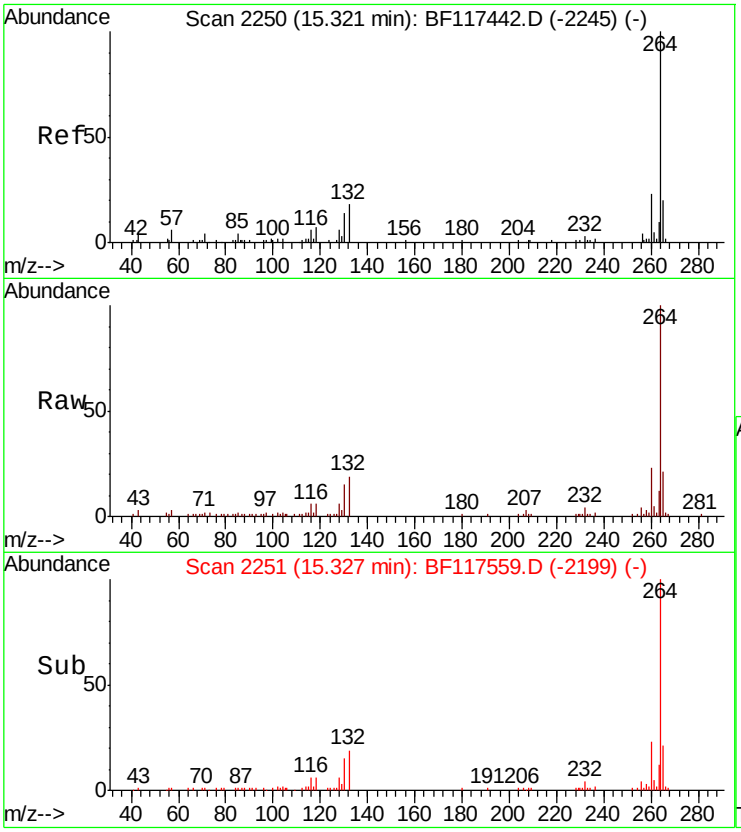


#79
Terphenyl-d14
Concen: 73.857 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117559.D
Acq: 28 Oct 2019 14:16

Tgt Ion:244 Resp: 348135

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	14.0	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: BF117559.D
Acq: 28 Oct 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 76013

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.1	16.1	24.1