

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117566.D
 Acq On : 28 Oct 2019 17:25
 Operator : JU
 Sample : K5501-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:05:56 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

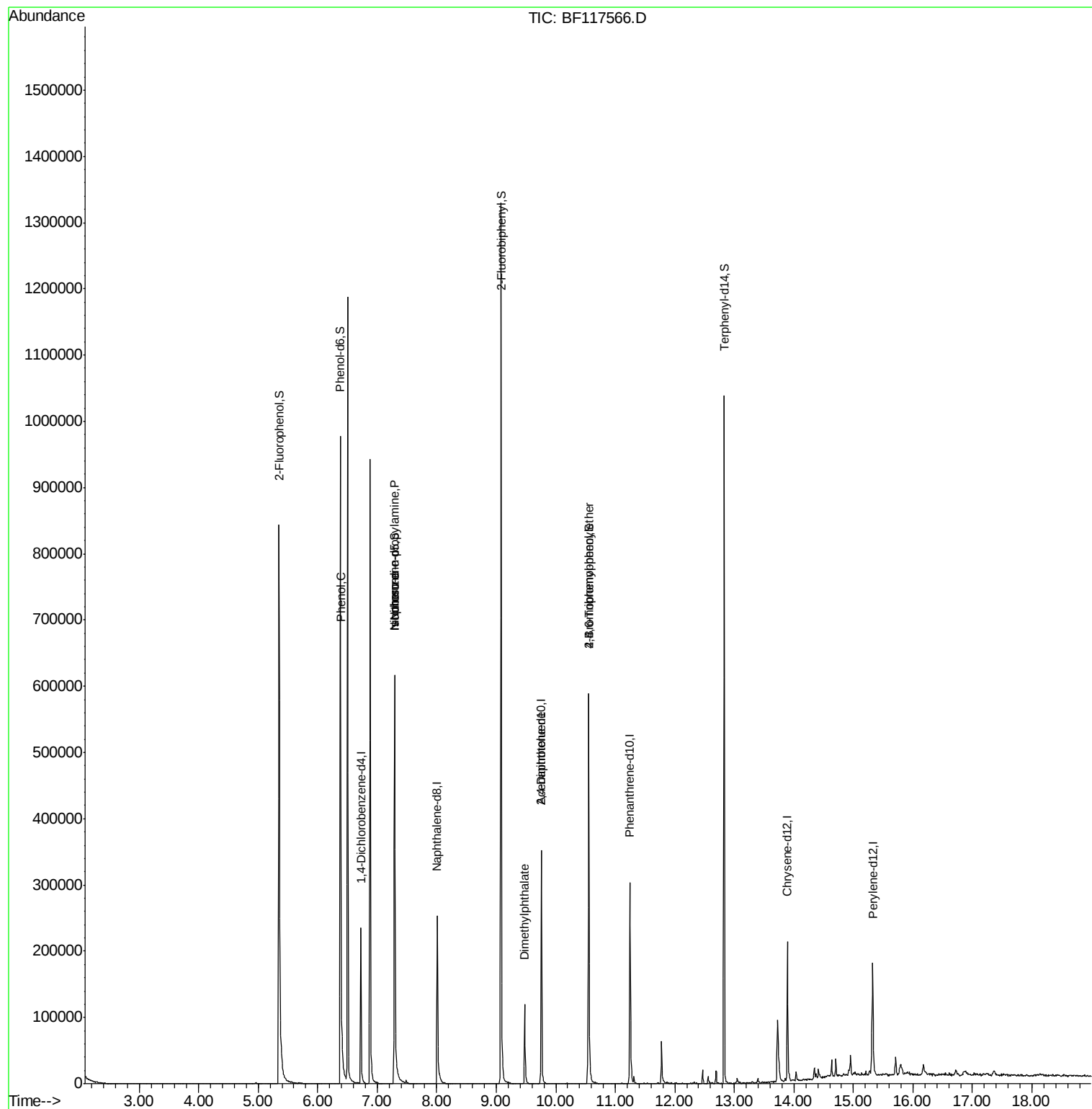
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41892	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	165600	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81818	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	126165	20.00	ng	0.00
76) Chrysene-d12	13.89	240	73185	20.00	ng	0.00
87) Perylene-d12	15.32	264	81828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	295166	104.82	ng	0.00
7) Phenol-d6	6.38	99	404480	106.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	245132	73.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	71265	100.67	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	417050	71.82	ng	-0.01
79) Terphenyl-d14	12.83	244	309576	69.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	578	Below Cal	#	3
10) Phenol	6.39	94	10064	2.607 ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	33825	14.644 ng	#	77
25) Isophorone	7.29	82	245129	42.243 ng	#	65
50) Dimethylphthalate	9.48	163	61063	10.469 ng		99
57) 2,4-Dinitrotoluene	9.76	165	10029	6.198 ng	#	14
67) 4-Bromophenyl-phenylether	10.56	248	4447	3.272 ng	#	1
77) Benzidine	12.83	184	4346	Below Cal	#	93

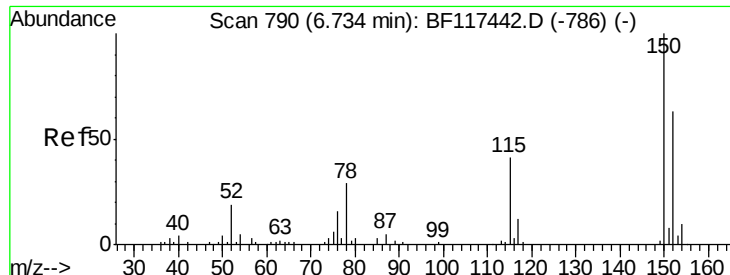
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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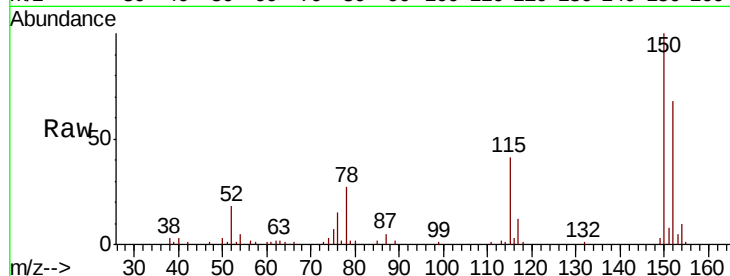


#1

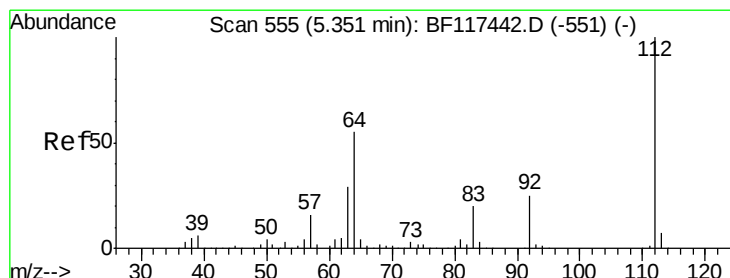
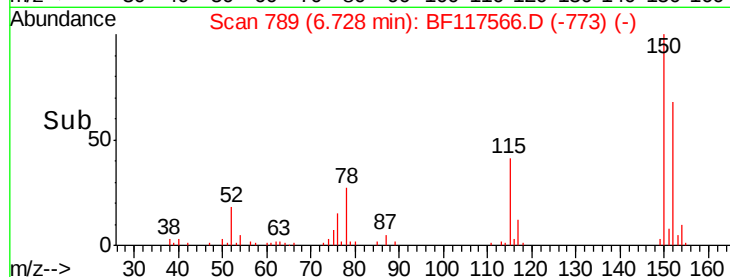
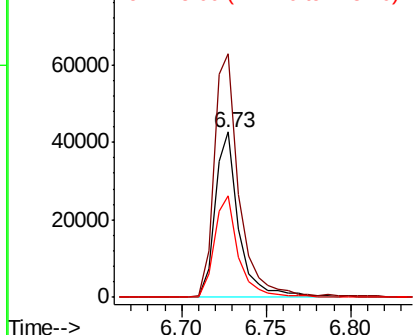
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 41892
Ion Ratio Lower Upper
152 100
150 147.5 126.8 190.2
115 61.1 51.6 77.4



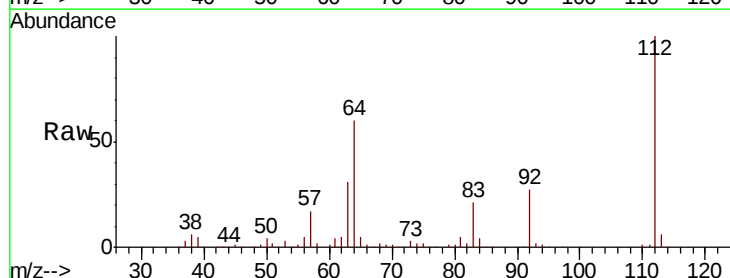
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



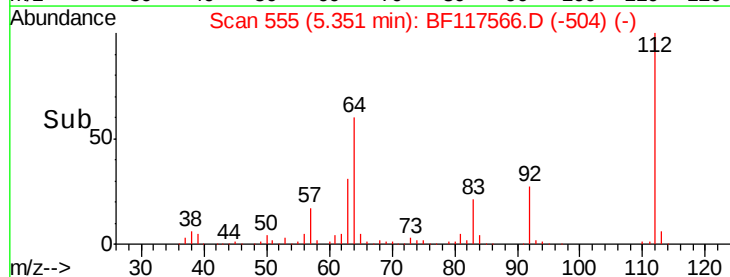
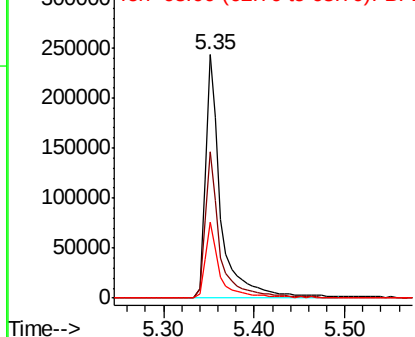
#5

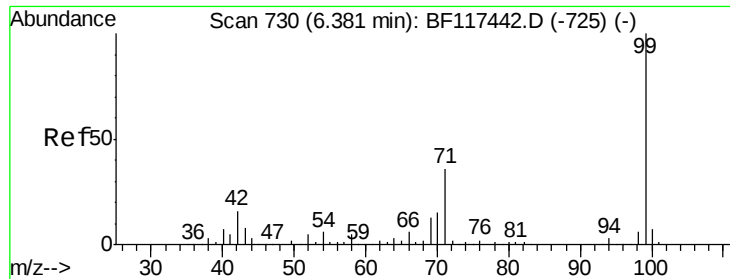
2-Fluorophenol
Concen: 104.822 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion:112 Resp: 295166
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.2 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.947 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

Instrument :

BNA_E

ClientSampled :

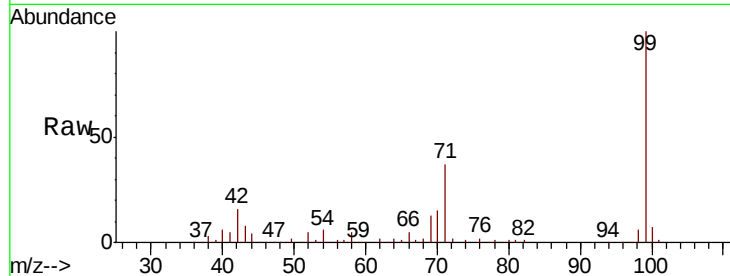
Tot Ion: 99 Resp: 404480

Ion Ratio Lower Upper

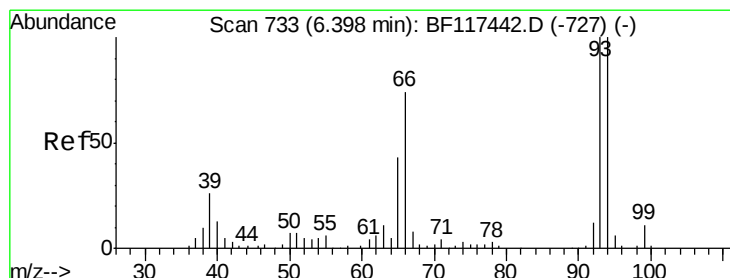
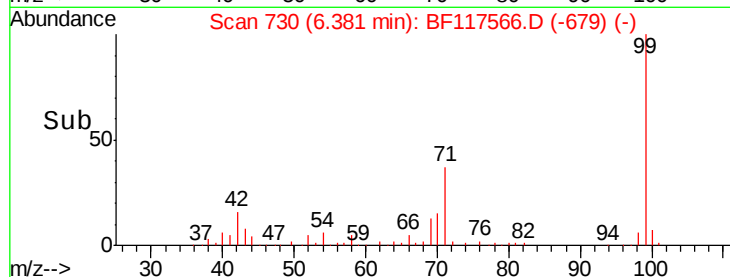
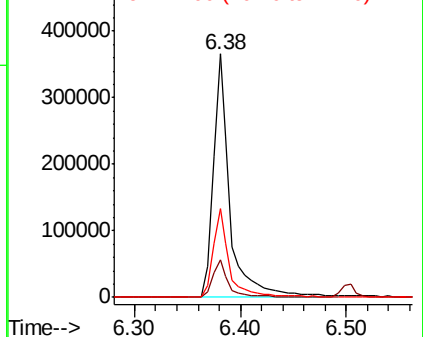
99 100

42 15.7 12.8 19.2

71 36.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.607 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

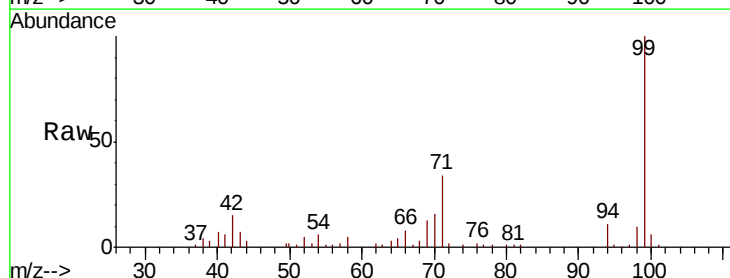
Tgt Ion: 94 Resp: 10064

Ion Ratio Lower Upper

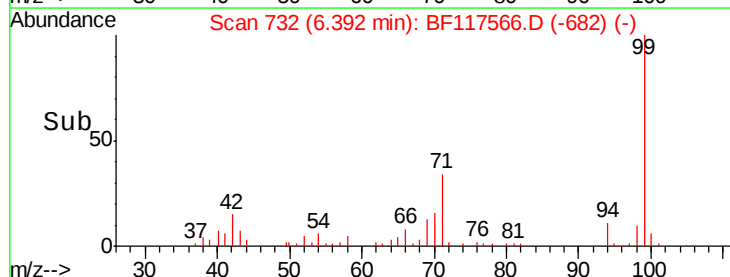
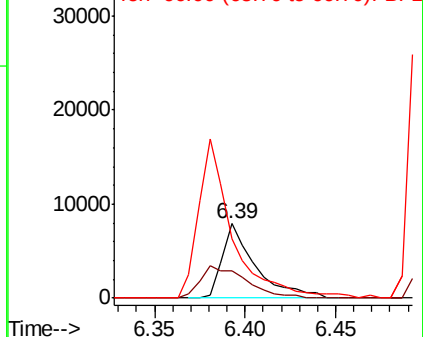
94 100

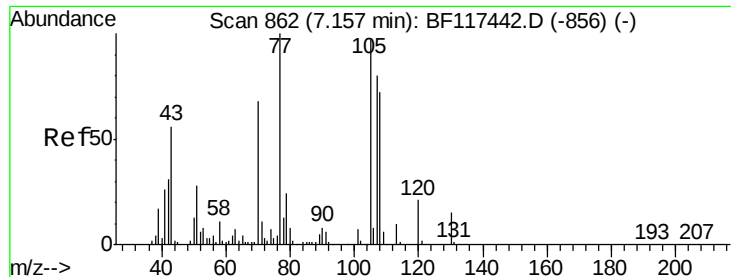
65 36.7 23.4 63.4

66 79.3 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

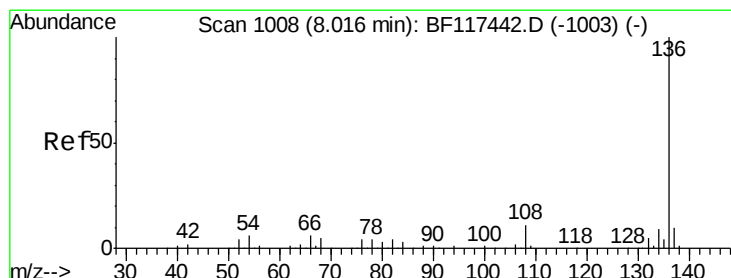
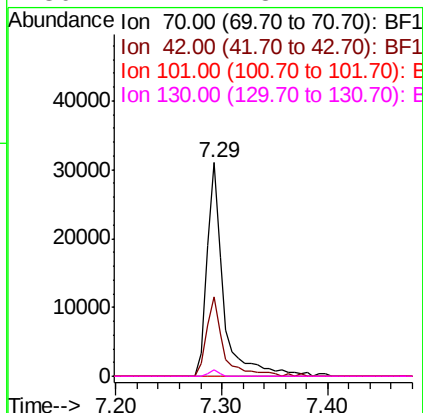
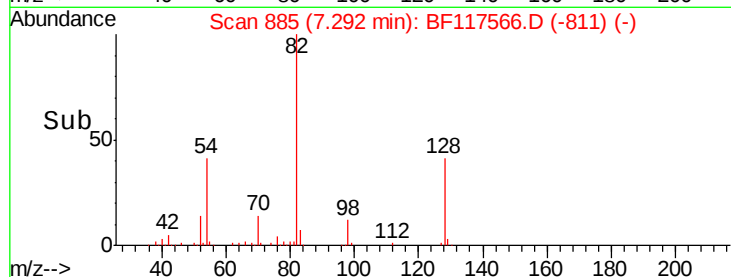
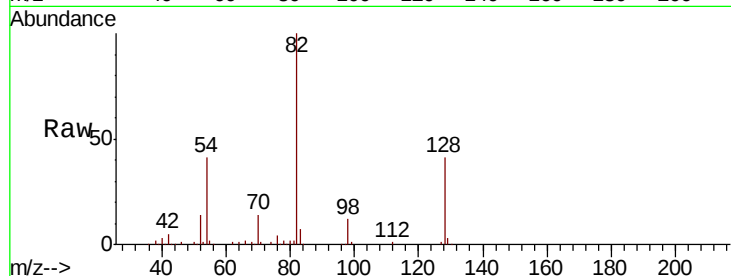




#19
n-Nitroso-di-n-propylamine
Concen: 14.644 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

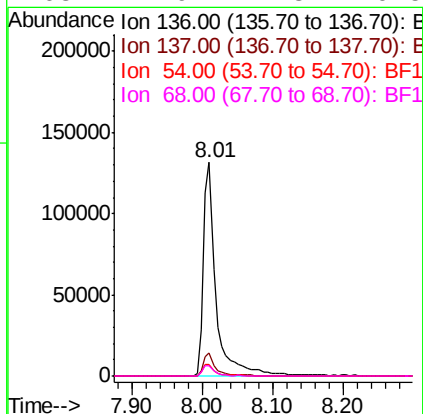
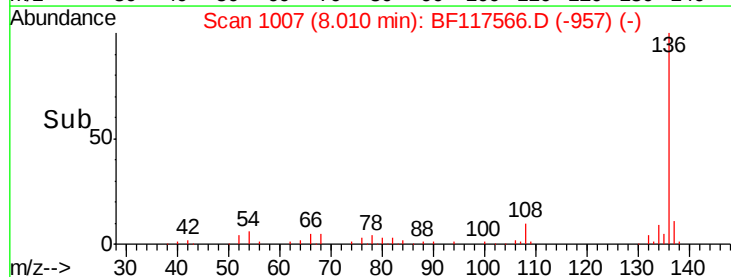
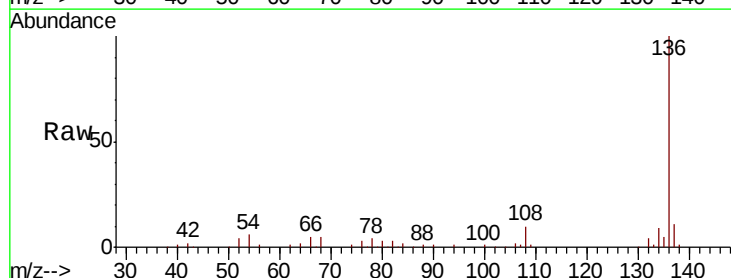
Instrument :
BNA_E
ClientSampled :

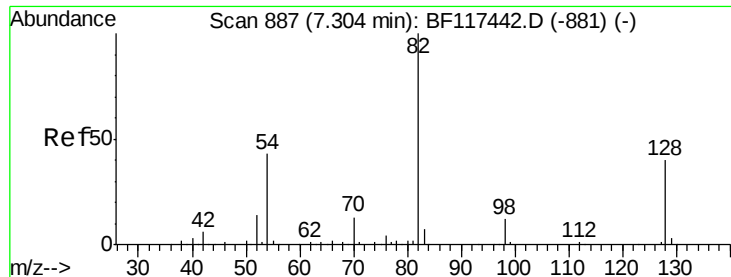
Tot Ion: 70 Resp: 33825
Ion Ratio Lower Upper
70 100
42 37.3 36.7 55.1
101 0.0 8.3 12.5#
130 2.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion:136 Resp: 165600
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 5.7 4.5 6.7
68 4.9 4.3 6.5

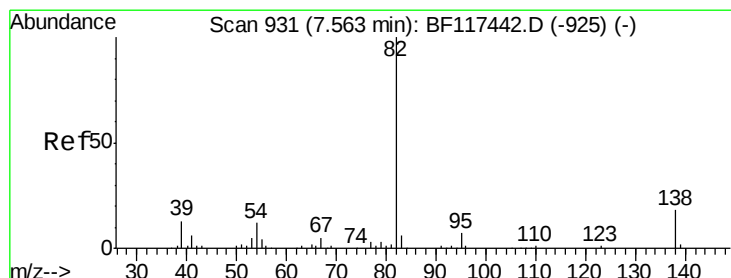
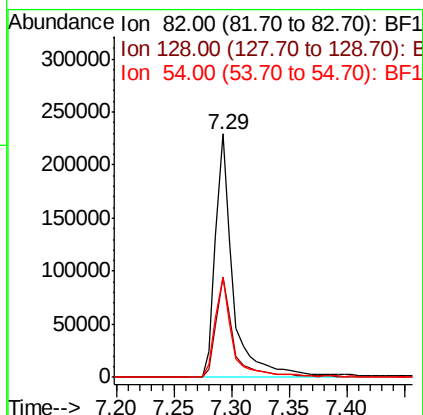
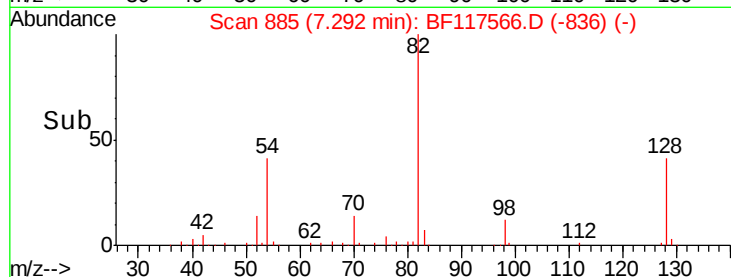
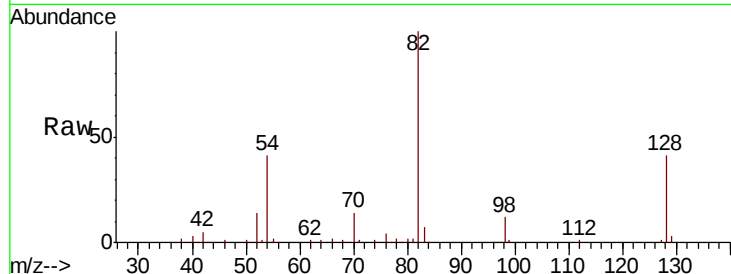




#23
Nitrobenzene-d5
Concen: 73.078 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

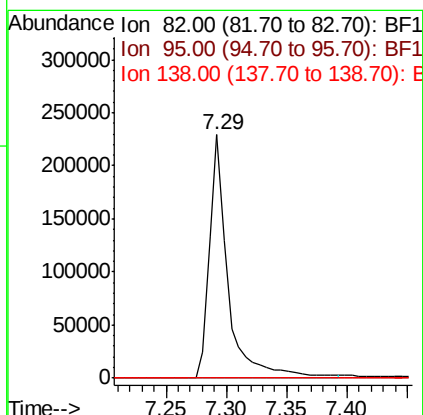
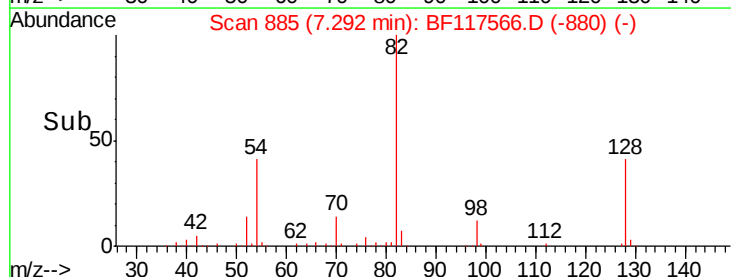
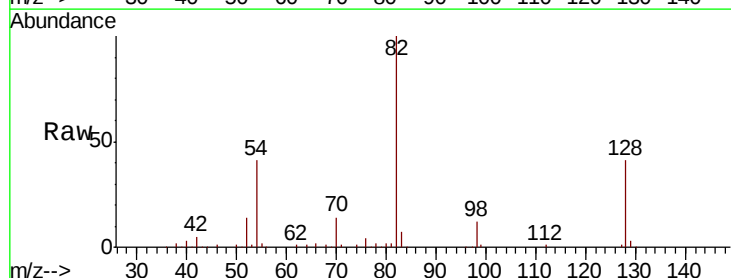
Instrument :
BNA_E
ClientSampled :

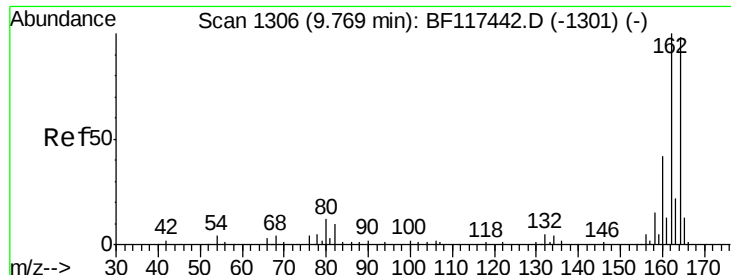
Tot Ion: 82 Resp: 245132
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 41.3 34.2 51.2



#25
Isophorone
Concen: 42.243 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion: 82 Resp: 245129
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#

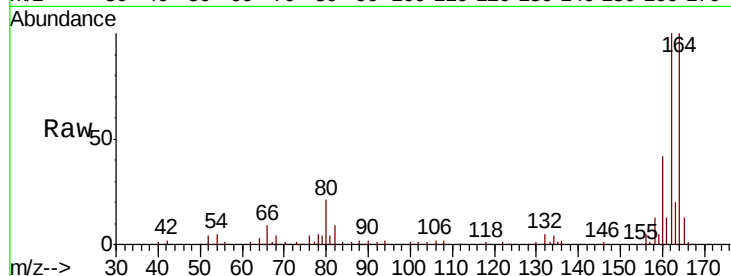




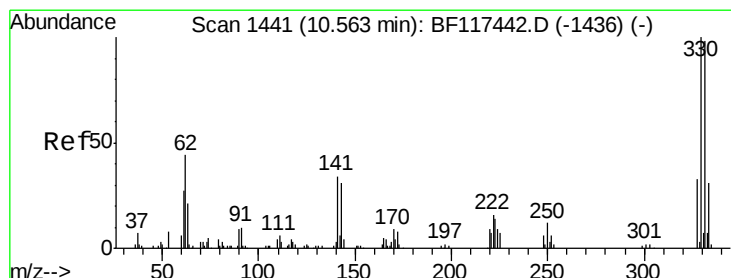
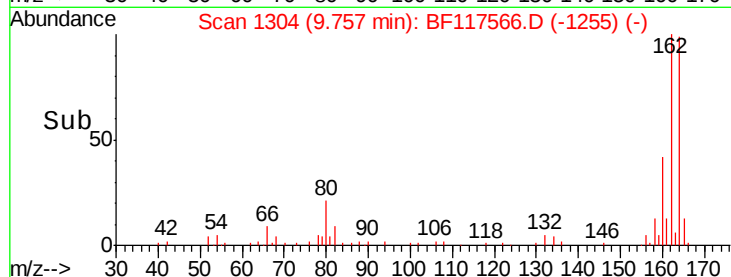
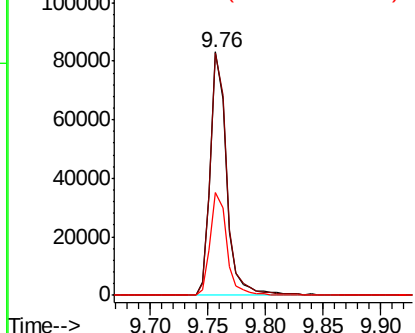
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 81818
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 42.2 34.4 51.6

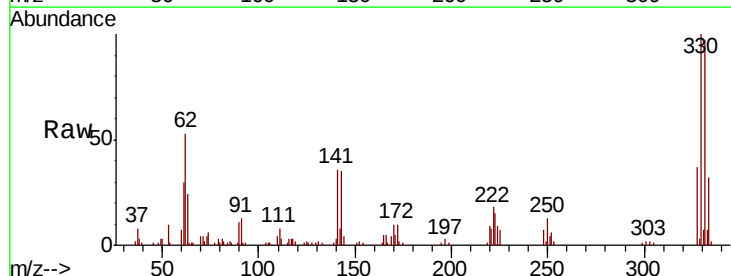


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

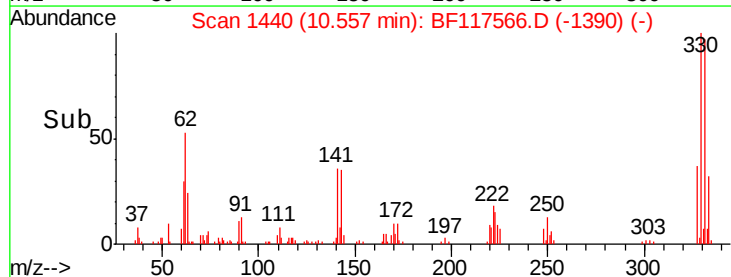
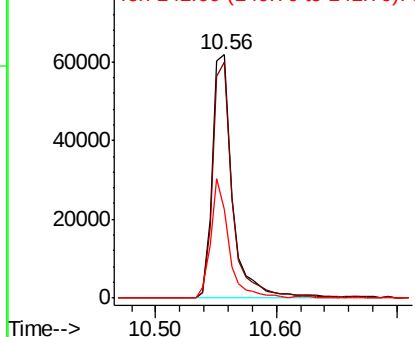


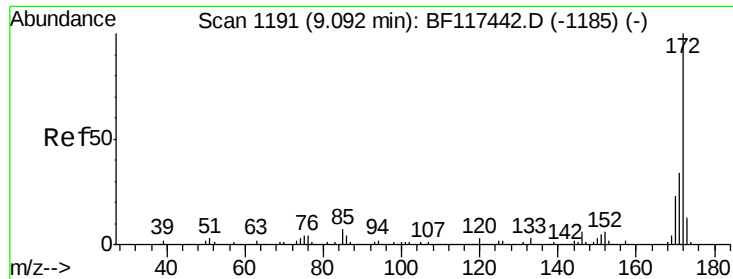
#42
2,4,6-Tribromophenol
Concen: 100.666 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117566.D
Acq: 28 Oct 2019 17:25

Tgt Ion:330 Resp: 71265
Ion Ratio Lower Upper
330 100
332 95.0 78.5 117.7
141 43.1 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

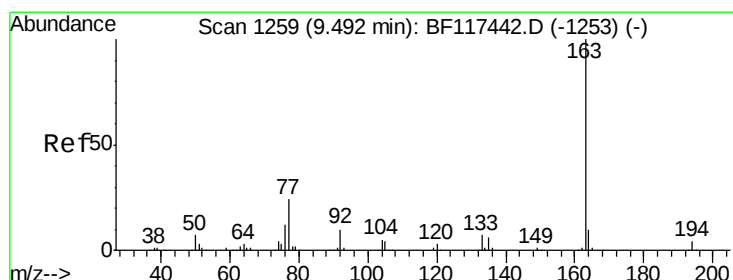
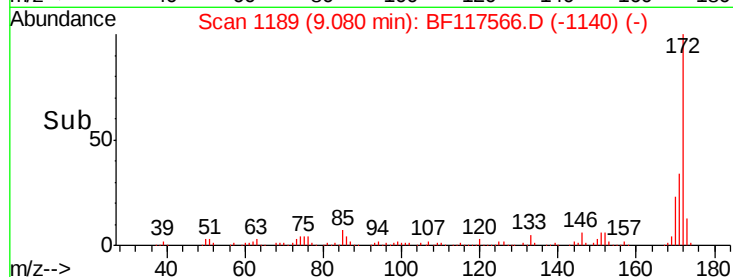
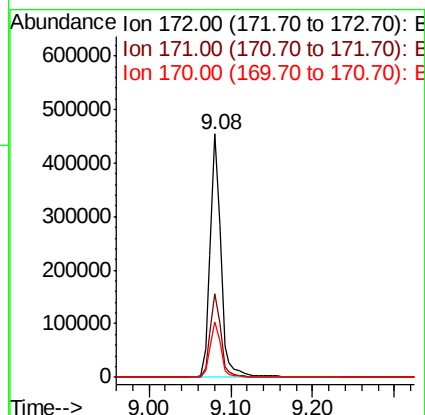
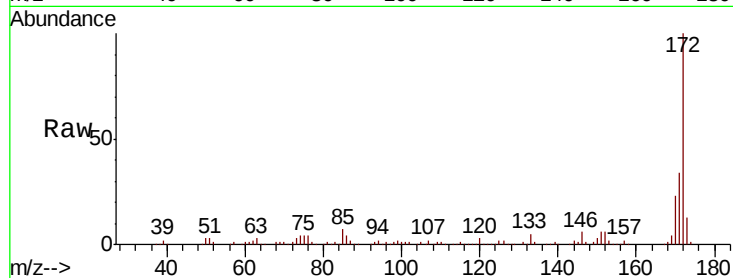




#45
 2-Fluorobiphenyl
 Concen: 71.820 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

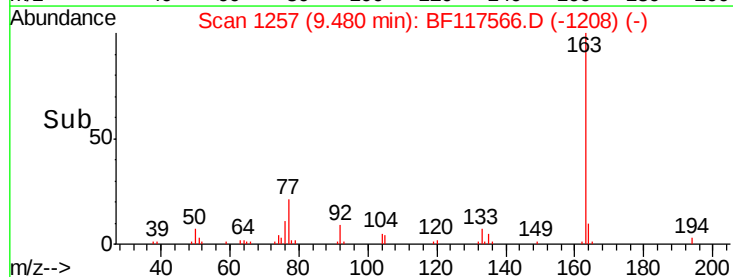
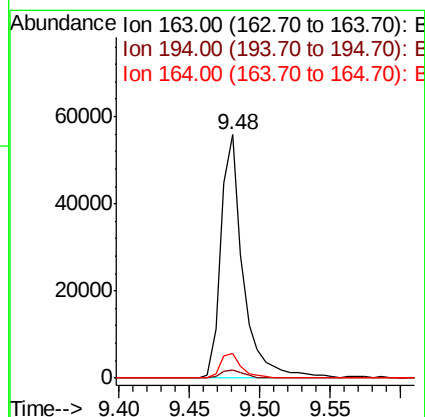
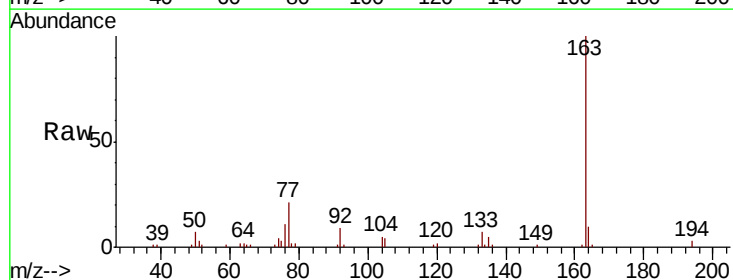
Instrument :
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 ClientSampleId :

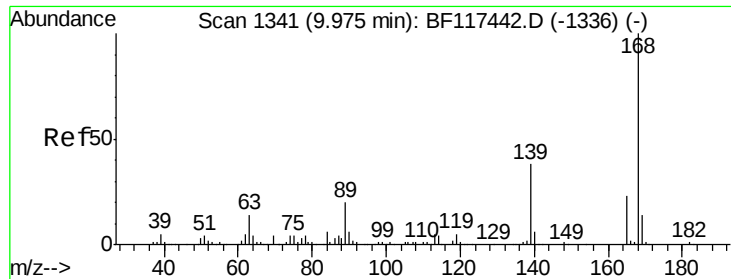
Tot Ion:172 Resp: 417050
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.5 41.3
 170 22.7 18.6 27.8



#50
 Dimethylphthalate
 Concen: 10.469 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion:163 Resp: 61063
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.9 4.3
 164 9.9 8.2 12.2

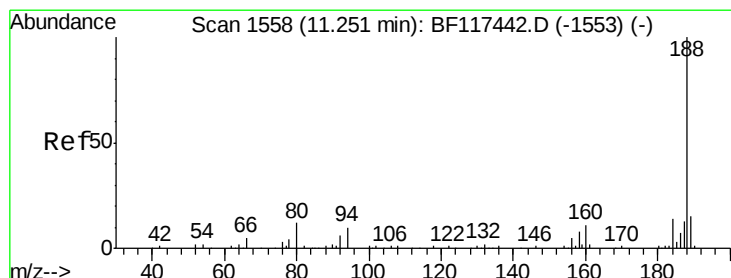
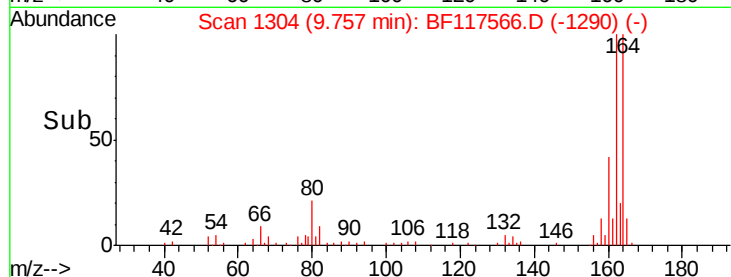
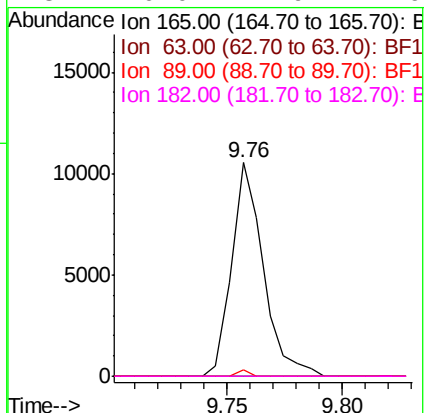
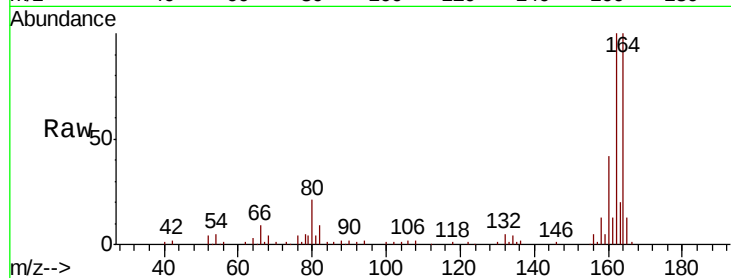




#57
 2,4-Dinitrotoluene
 Concen: 6.198 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

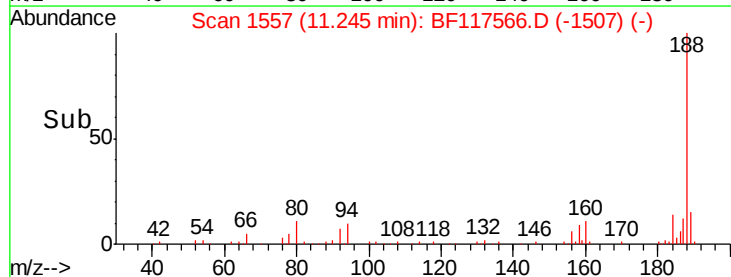
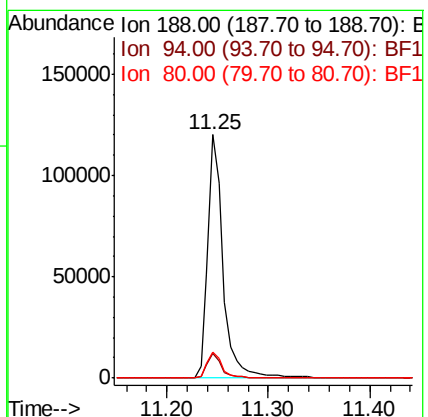
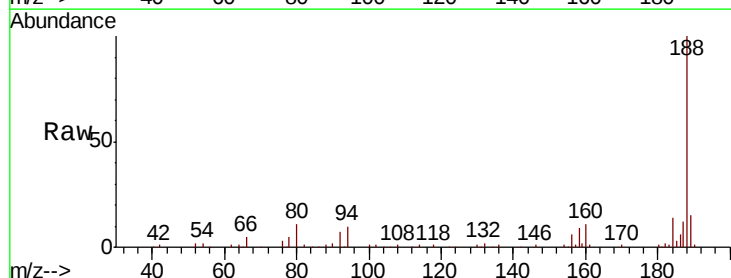
Instrument :
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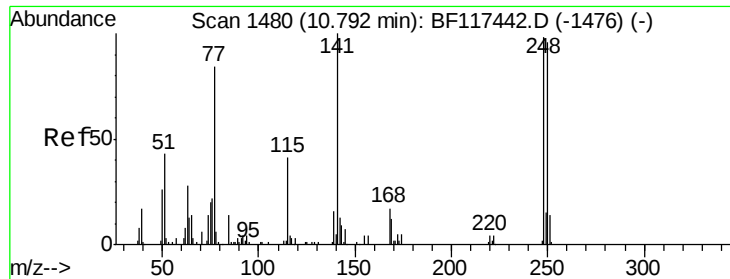
Tot Ion:165 Resp: 10029
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 3.2 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion:188 Resp: 126165
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.0 12.0
 80 10.5 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 3.272 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

Instrument :

BNA_E

ClientSampleId :

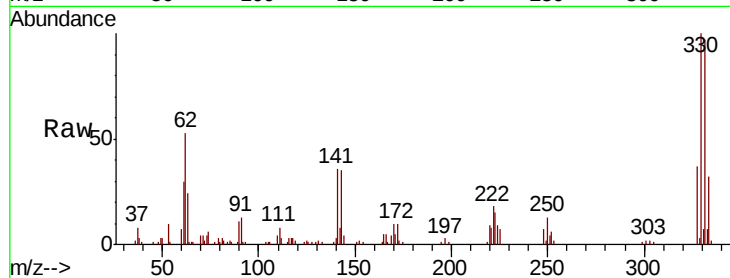
Tot Ion:248 Resp: 4447

Ion Ratio Lower Upper

248 100

250 188.7 78.0 117.0#

141 524.9 81.7 122.5#

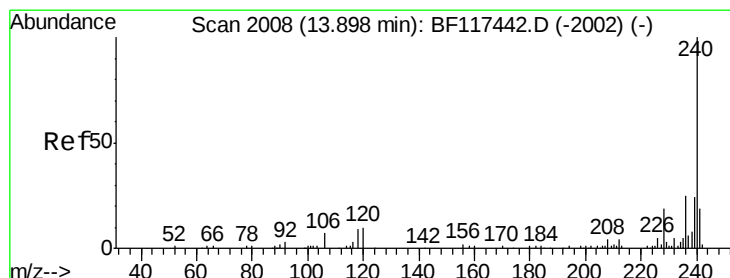
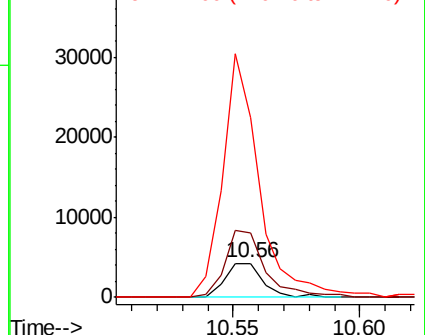
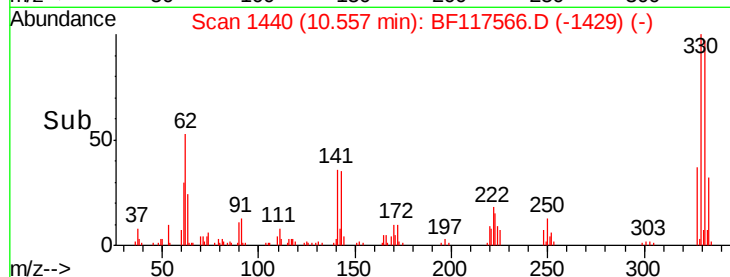


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117566.D

Acq: 28 Oct 2019 17:25

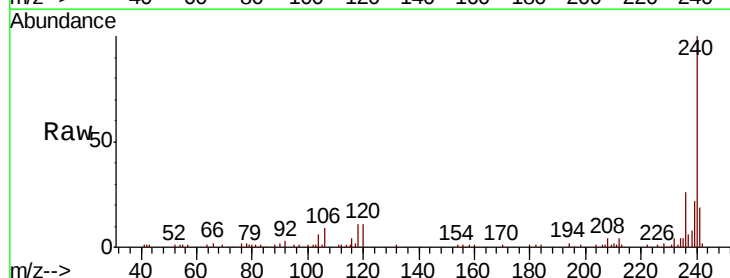
Tgt Ion:240 Resp: 73185

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 26.5 20.0 30.0

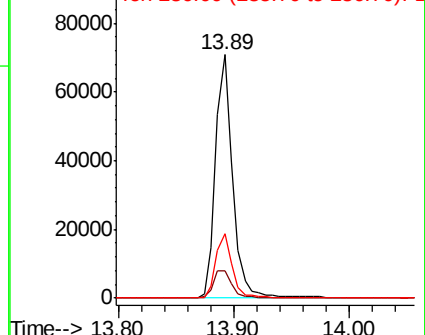
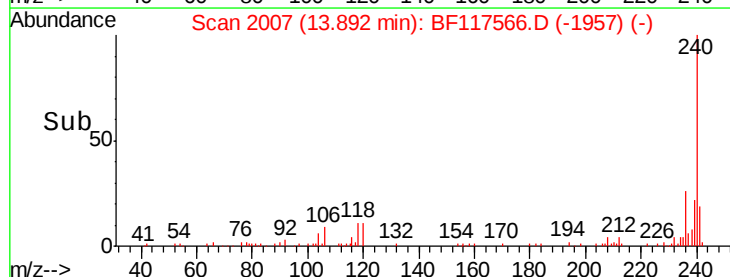


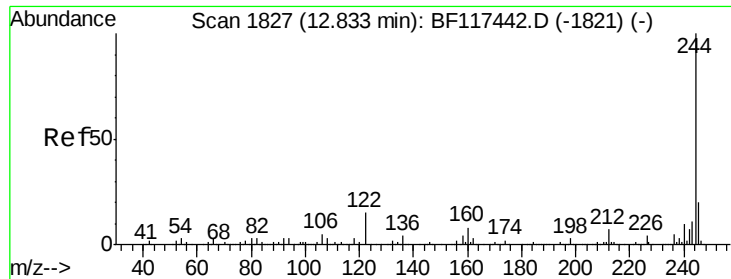
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

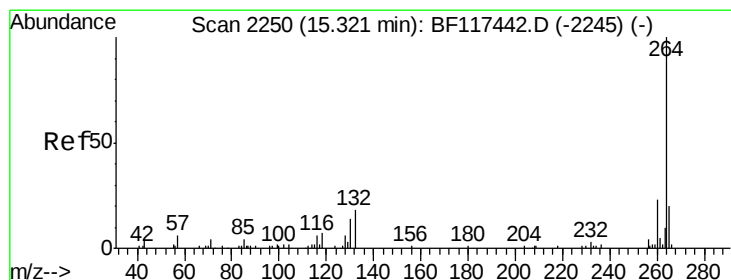
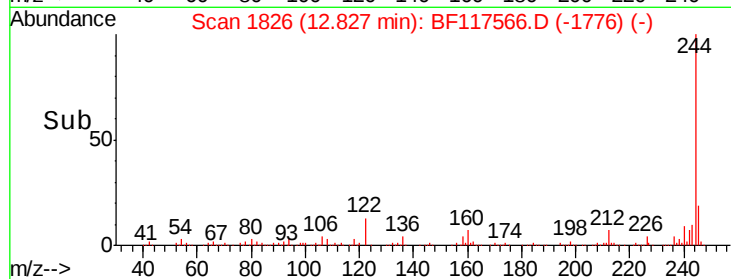
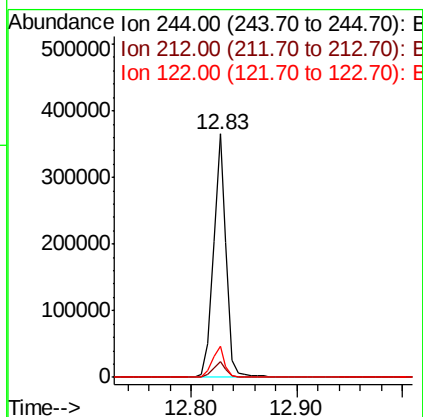
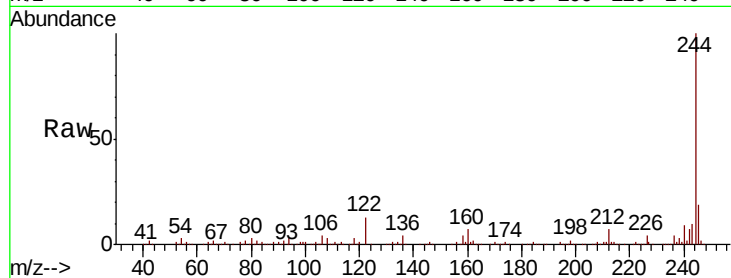




#79
 Terphenyl-d14
 Concen: 68.997 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.0	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117566.D
 Acq: 28 Oct 2019 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	20.9	16.1	24.1

