

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117485.D
 Acq On : 23 Oct 2019 16:18
 Operator : JU
 Sample : K5494-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:23:24 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

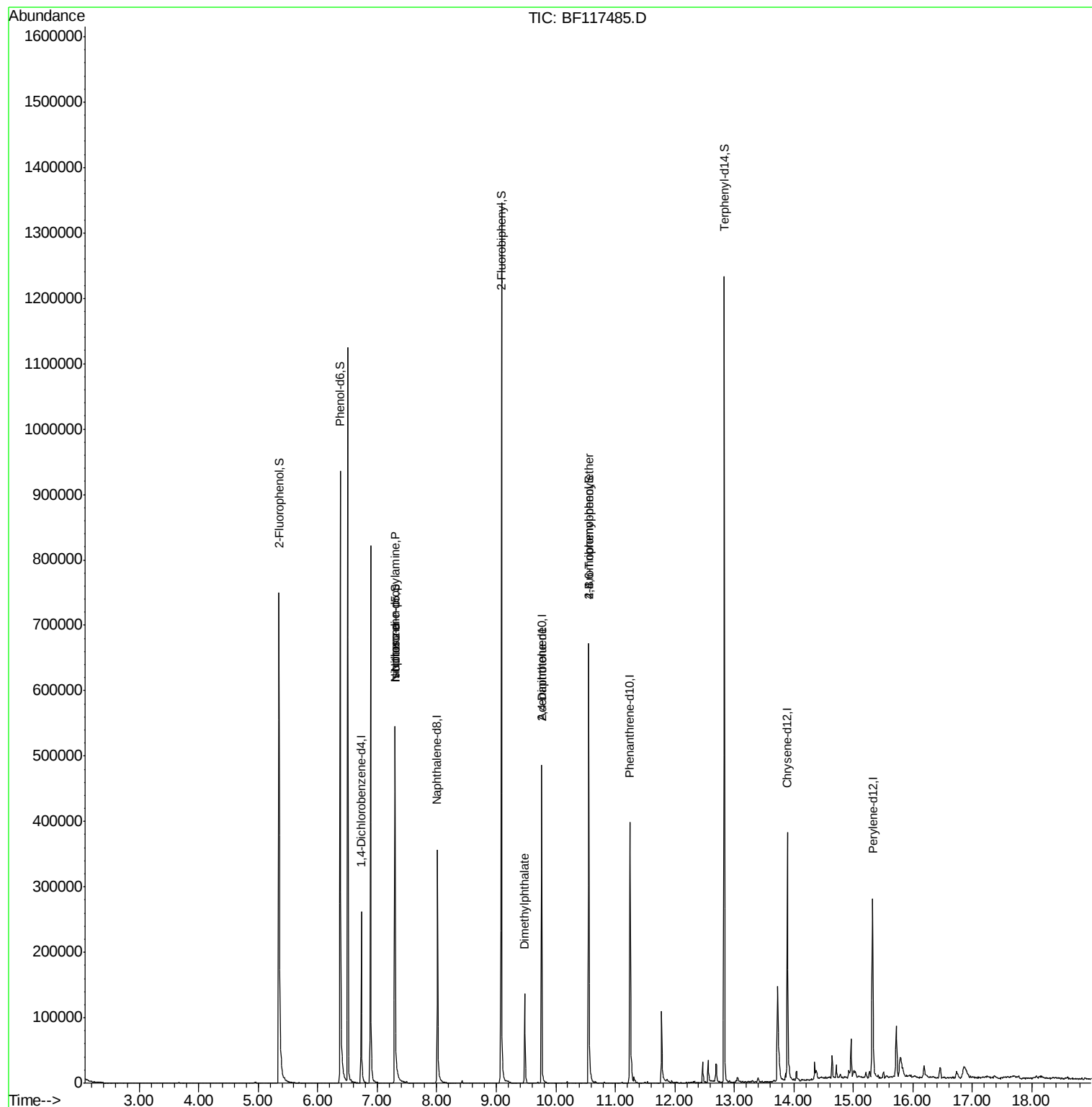
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45644	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	181785	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	96739	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	160518	20.00	ng	0.00
76) Chrysene-d12	13.89	240	130384	20.00	ng	0.00
87) Perylene-d12	15.32	264	123195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	255764	83.36	ng	0.00
7) Phenol-d6	6.38	99	355915	86.37	ng	0.00
23) Nitrobenzene-d5	7.30	82	218975	59.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74274	88.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	388801	56.63	ng	0.00
79) Terphenyl-d14	12.83	244	411877	51.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	293	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propylamine	7.30	70	29074	11.553 ng	#	77
25) Isophorone	7.30	82	218973	34.376 ng	#	65
50) Dimethylphthalate	9.48	163	53639	7.778 ng		98
57) 2,4-Dinitrotoluene	9.76	165	12455	6.510 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	4681	2.707 ng	#	1
77) Benizidine	12.83	184	6216	Below Cal		95

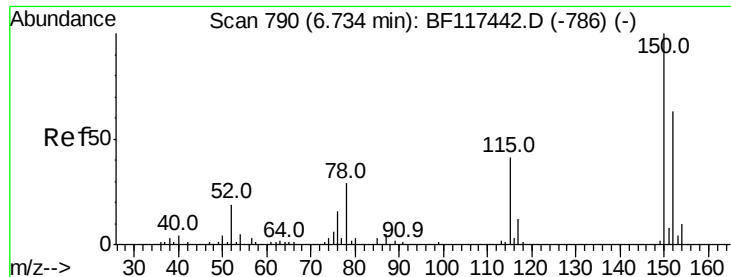
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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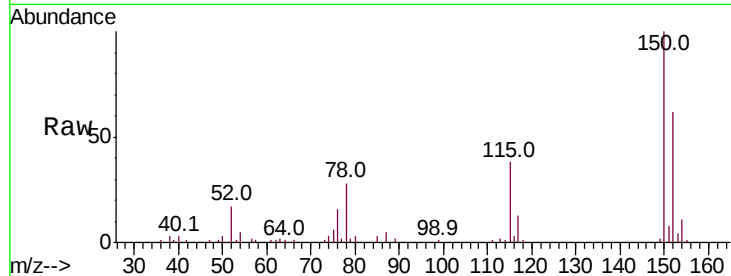


#1

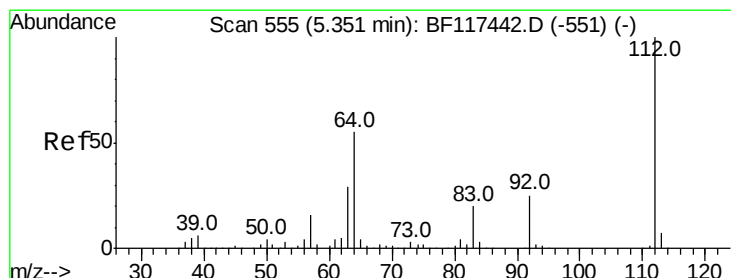
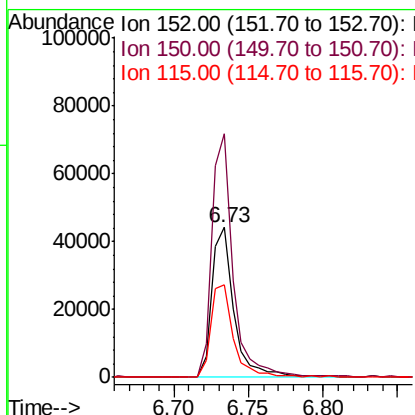
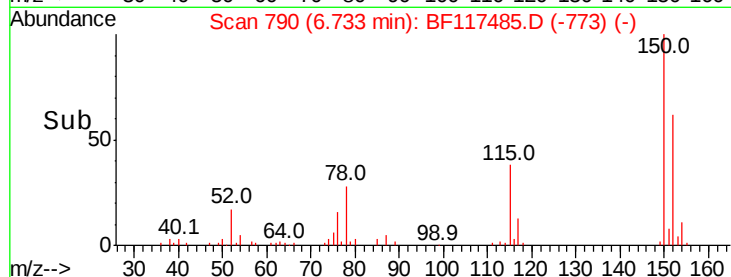
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45644
Ion Ratio Lower Upper
152 100
150 162.2 126.8 190.2
115 61.9 51.6 77.4



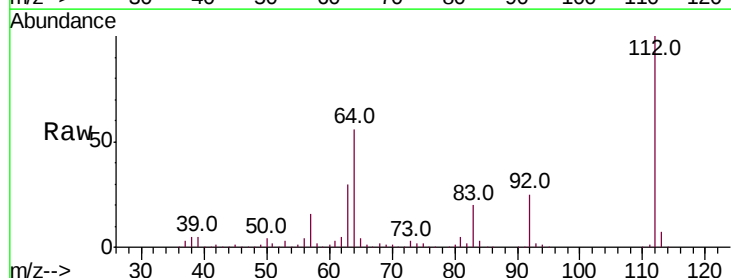
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



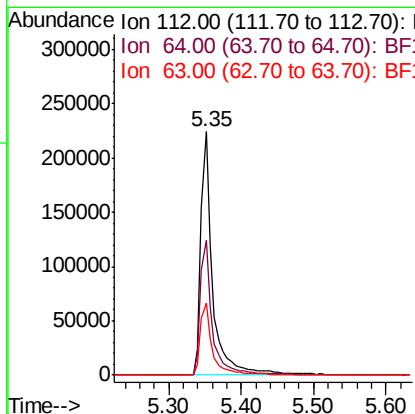
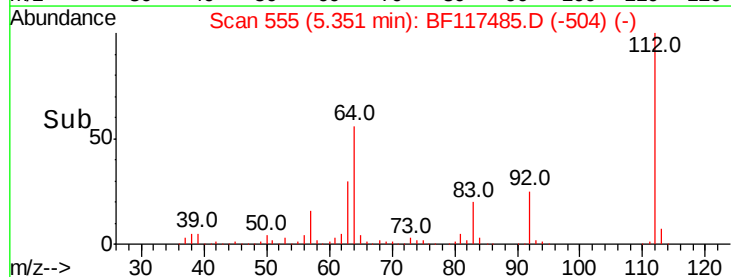
#5

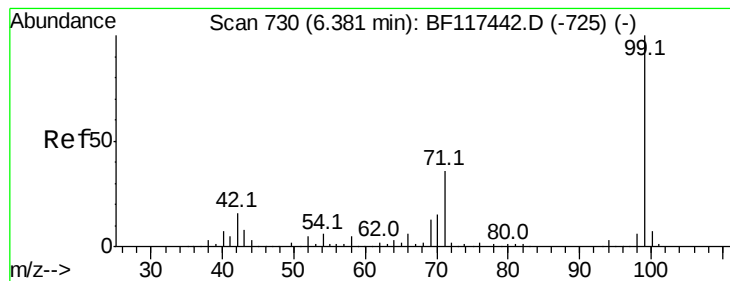
2-Fluorophenol
Concen: 83.363 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

Tgt Ion:112 Resp: 255764
Ion Ratio Lower Upper
112 100
64 55.6 44.1 66.1
63 29.8 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: 86.371 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

Instrument :

BNA_F

ClientSampleId :

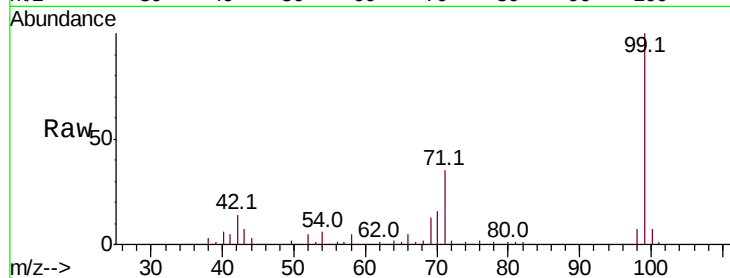
Tot Ion: 99 Resp: 355915

Ion Ratio Lower Upper

99 100

42 14.2 12.8 19.2

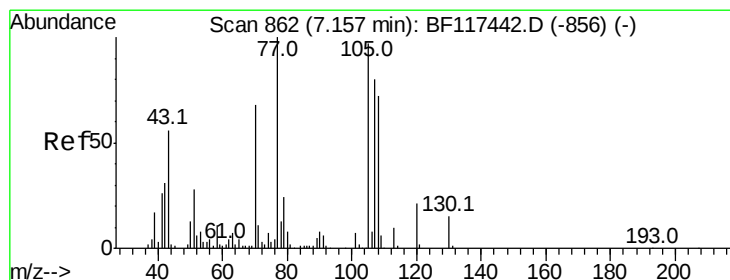
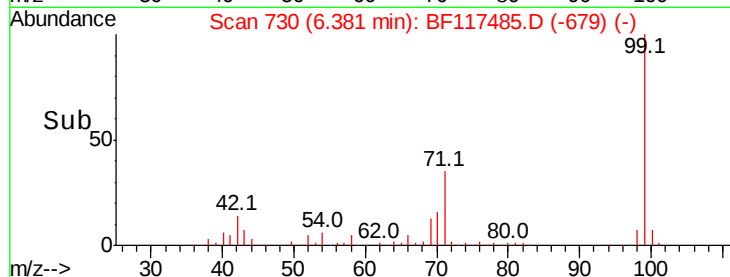
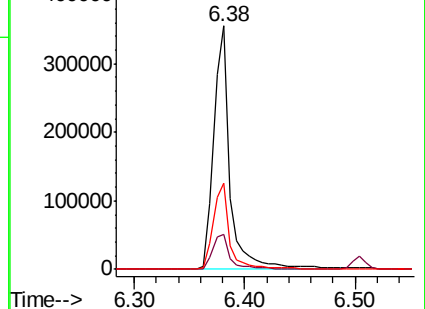
71 35.2 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.553 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

Tgt Ion: 70 Resp: 29074

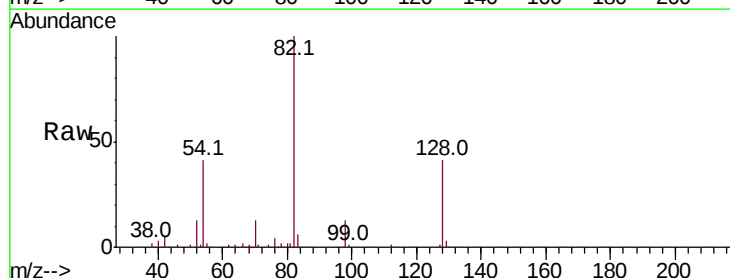
Ion Ratio Lower Upper

70 100

42 37.5 36.7 55.1

101 0.0 8.3 12.5#

130 2.2 18.1 27.1#

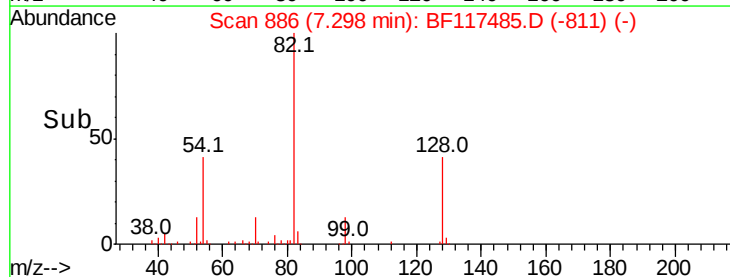
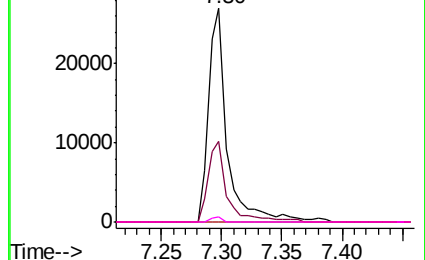


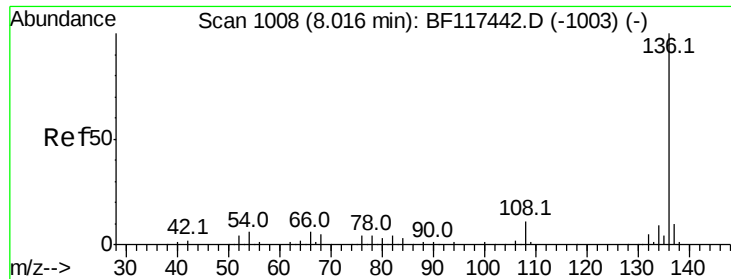
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

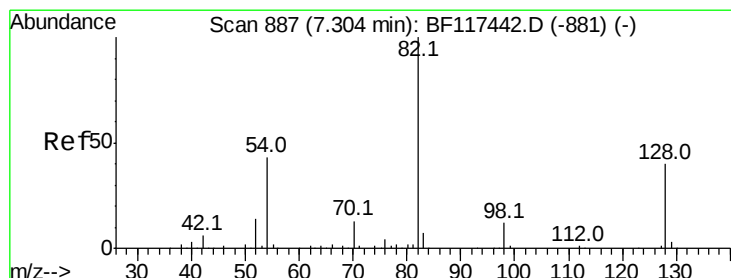
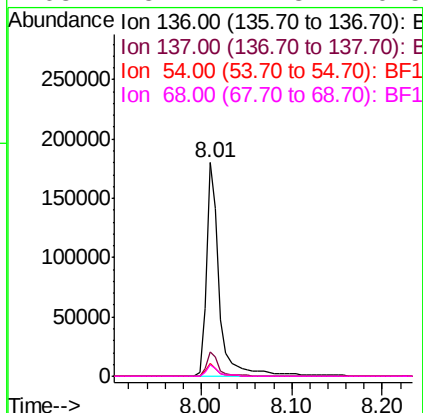
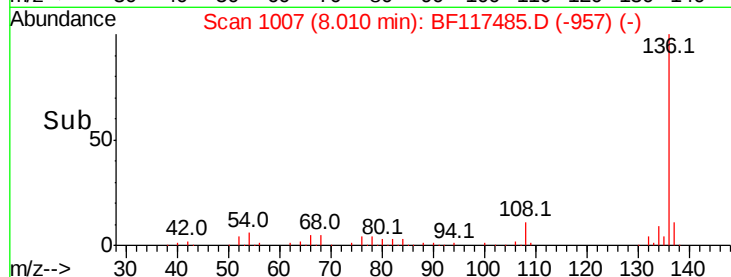
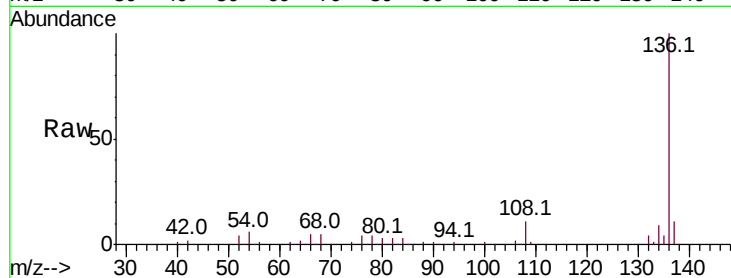




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

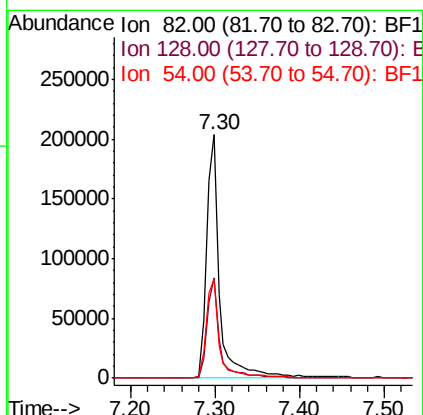
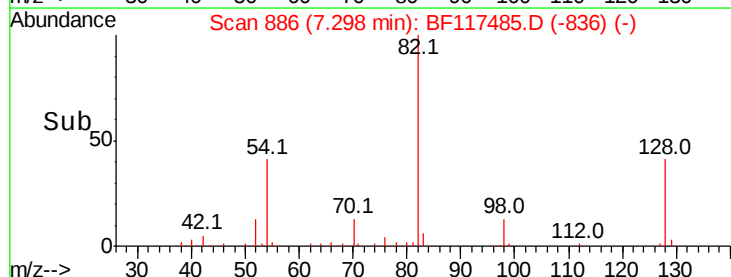
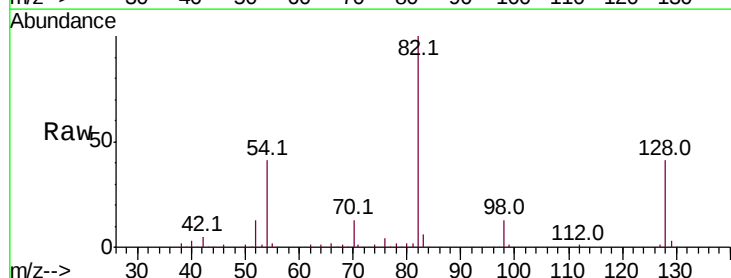
Instrument :
BNA_F
ClientSampleId :

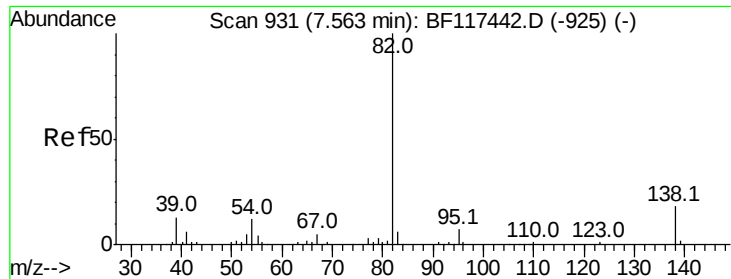
Tot Ion:	136	Resp:	181785
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	5.8	4.5	6.7
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 59.468 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

Tgt Ion:	82	Resp:	218975
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	40.7	34.2	51.2

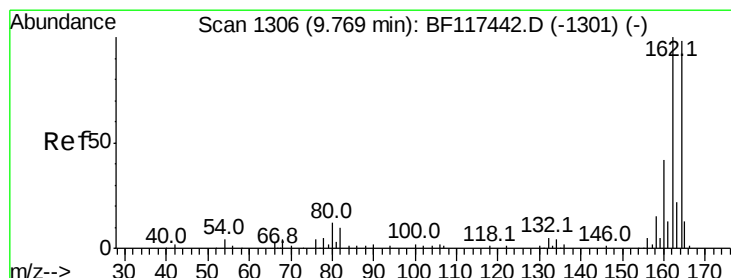
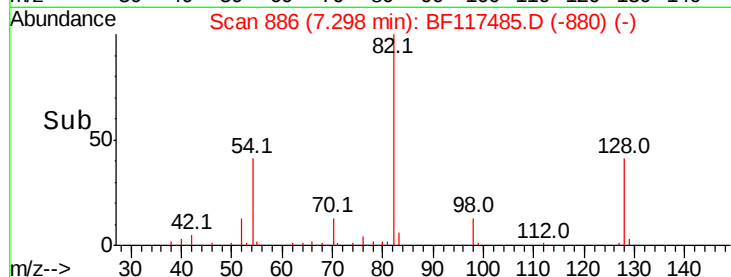
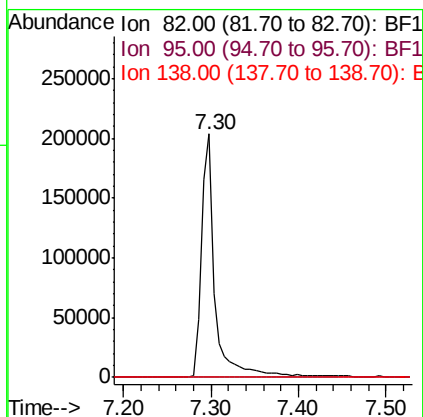
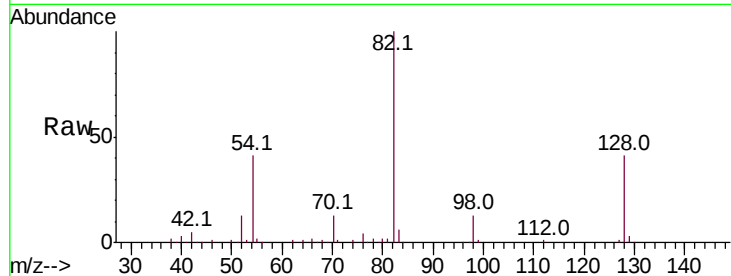




#25
Isophorone
Concen: 34.376 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

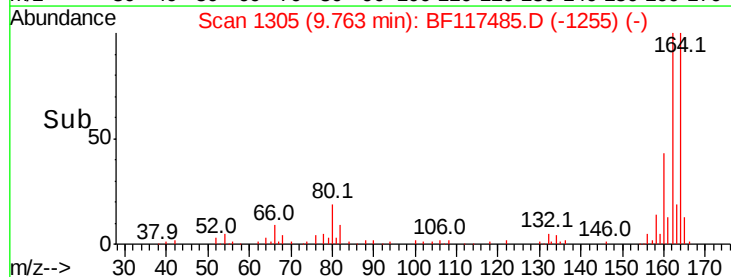
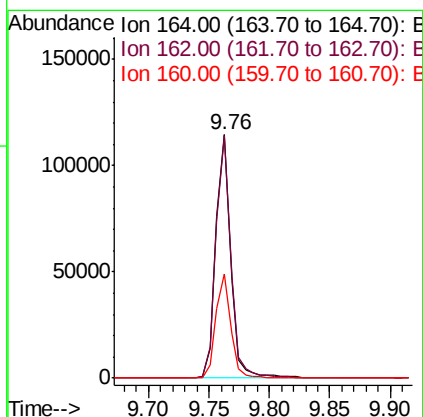
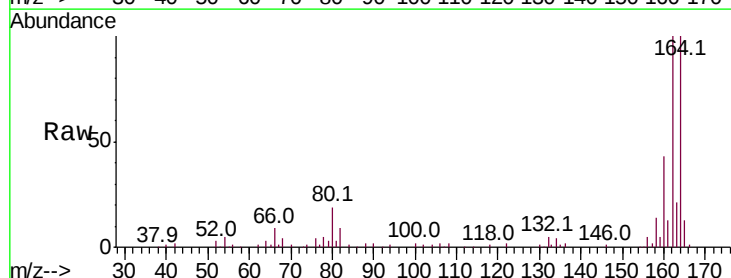
Instrument :
BNA_F
ClientSampleId :

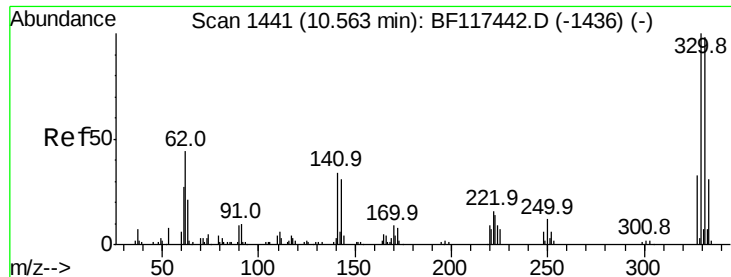
Tot Ion: 82 Resp: 218973
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117485.D
Acq: 23 Oct 2019 16:18

Tgt Ion: 164 Resp: 96739
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 42.6 34.4 51.6

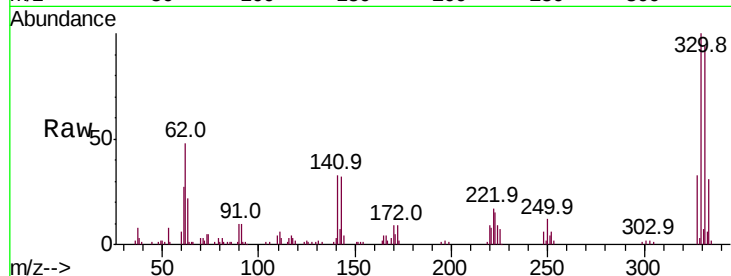




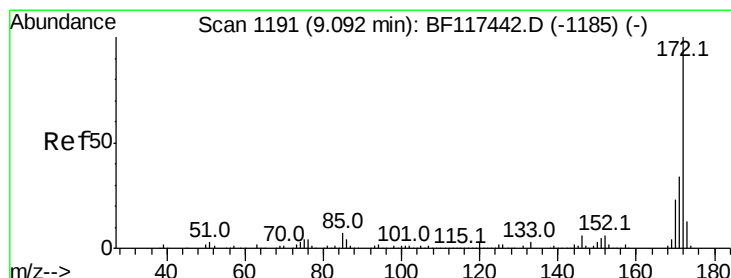
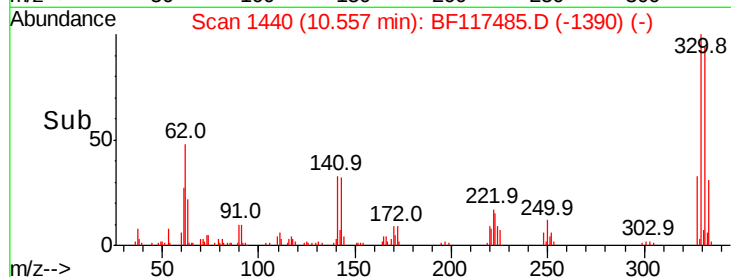
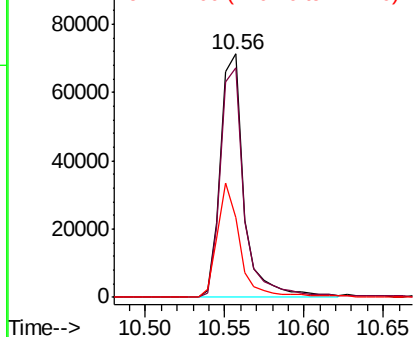
#42
 2,4,6-Tribromophenol
 Concen: 88.734 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117485.D
 Acq: 23 Oct 2019 16:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 74274
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.5 117.7
 141 45.2 37.0 55.6

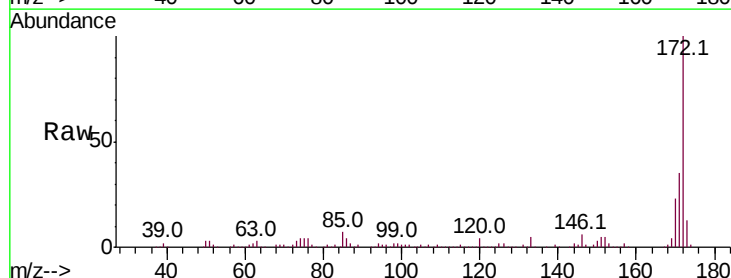


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

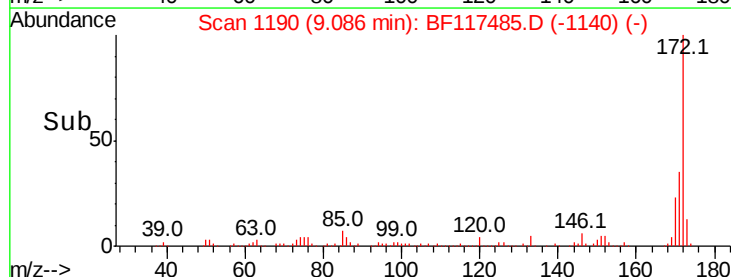
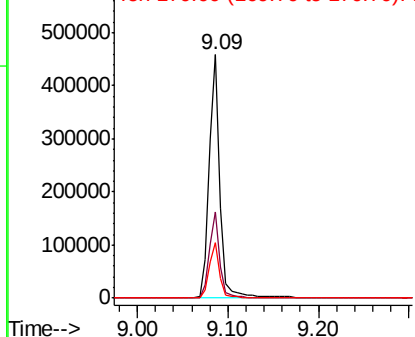


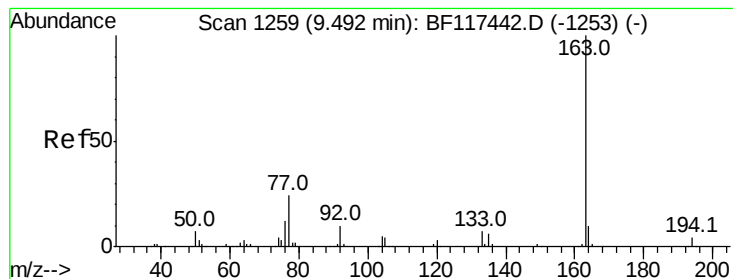
#45
 2-Fluorobiphenyl
 Concen: 56.628 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117485.D
 Acq: 23 Oct 2019 16:18

Tgt Ion:172 Resp: 388801
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.5 41.3
 170 23.0 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.778 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

Instrument :

BNA_F

ClientSampleId :

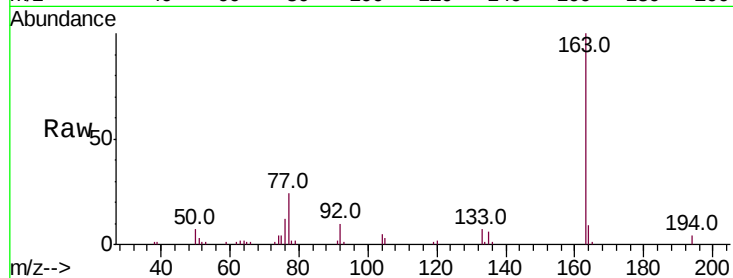
Tot Ion:163 Resp: 53639

Ion Ratio Lower Upper

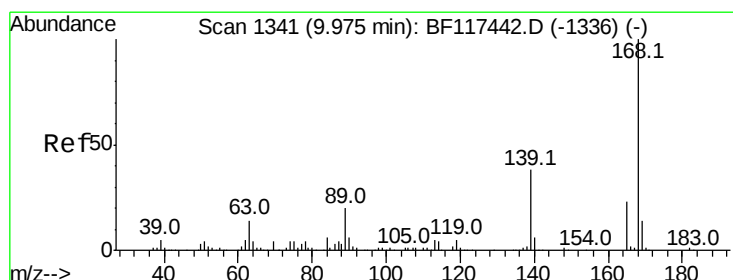
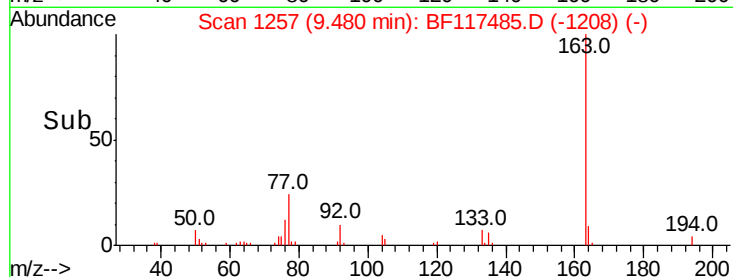
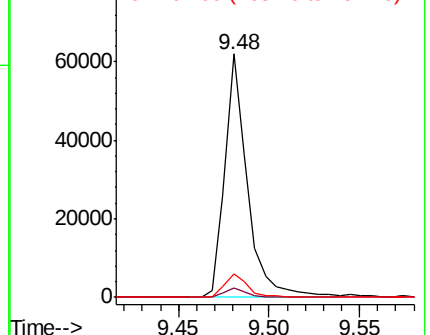
163 100

194 3.7 2.9 4.3

164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.510 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.21 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

Tgt Ion:165 Resp: 12455

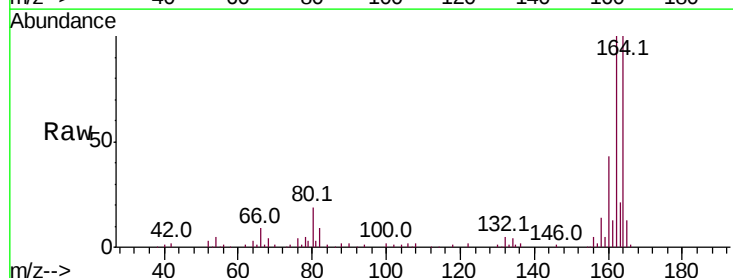
Ion Ratio Lower Upper

165 100

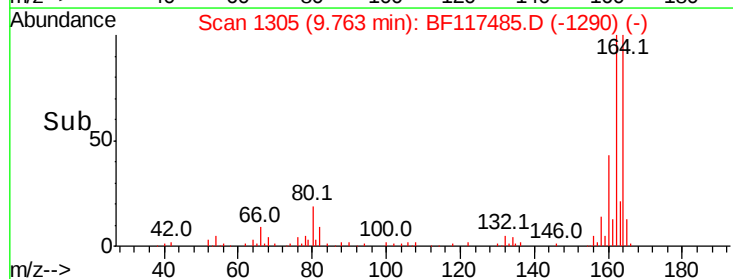
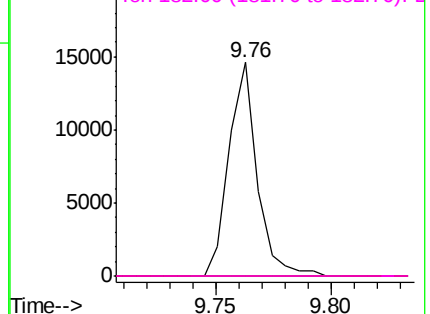
63 0.0 51.4 77.0#

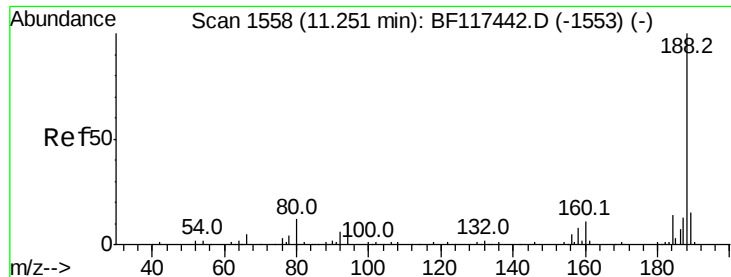
89 0.0 69.9 104.9#

182 0.0 1.9 2.9#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

Instrument :

BNA_F

ClientSampleId :

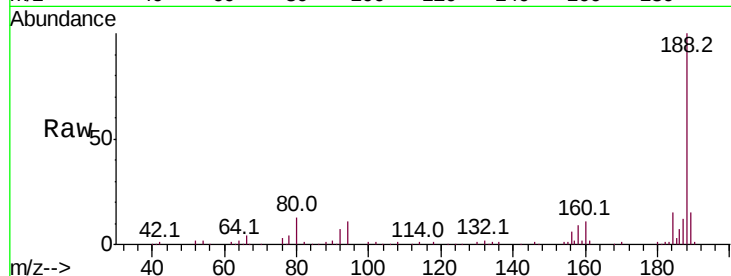
Tot Ion:188 Resp: 160518

Ion Ratio Lower Upper

188 100

94 11.1 8.0 12.0

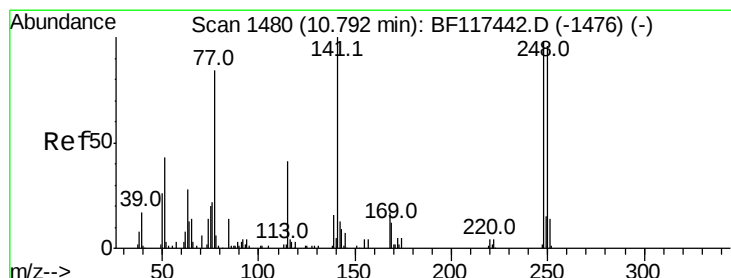
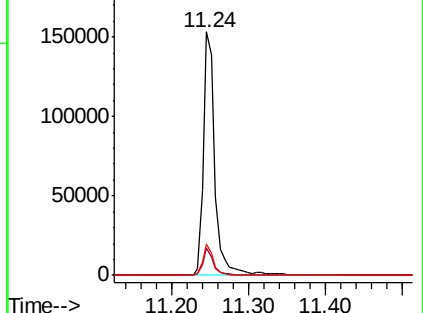
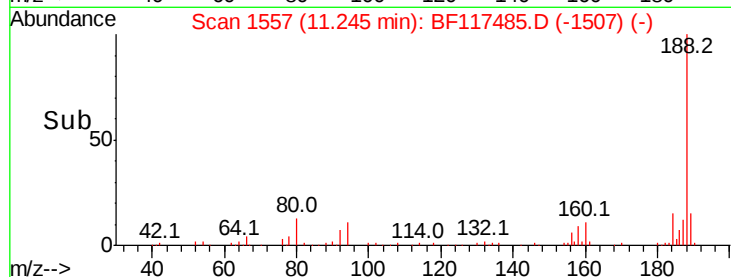
80 12.6 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.707 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF117485.D

Acq: 23 Oct 2019 16:18

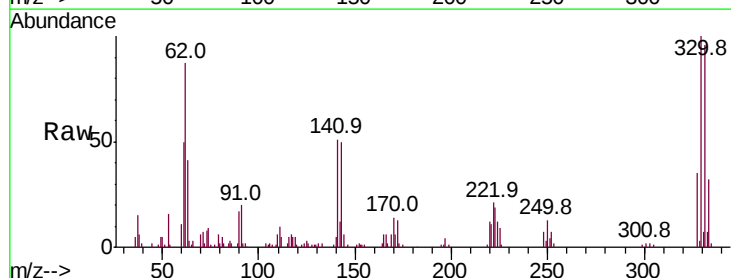
Tgt Ion:248 Resp: 4681

Ion Ratio Lower Upper

248 100

250 175.6 78.0 117.0#

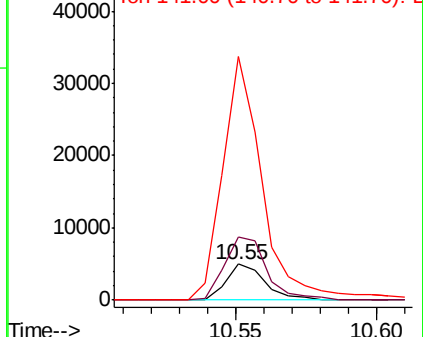
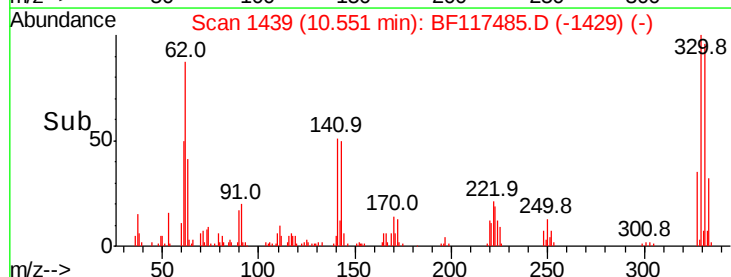
141 680.0 81.7 122.5#

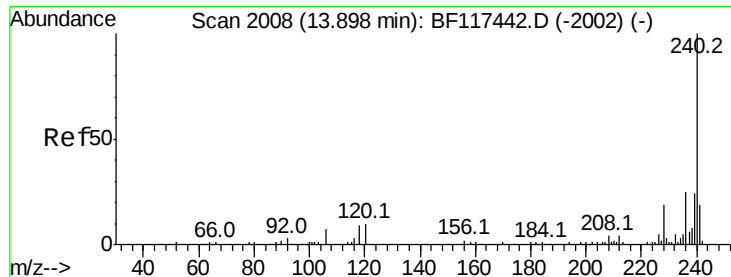


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

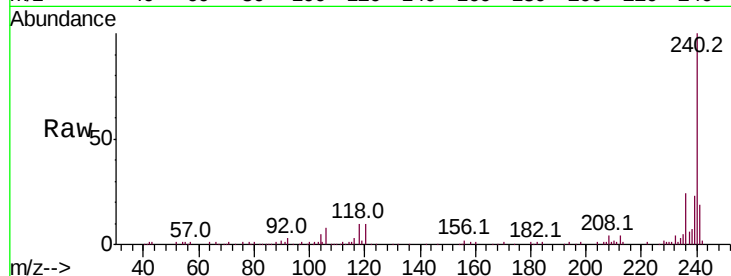




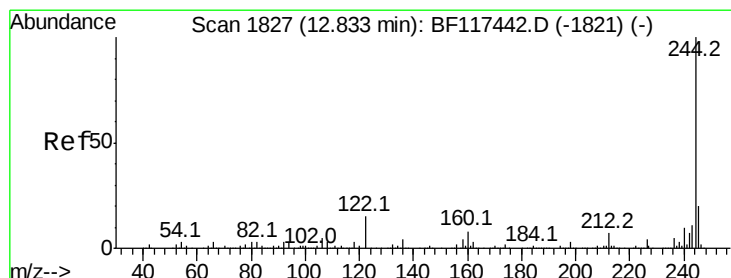
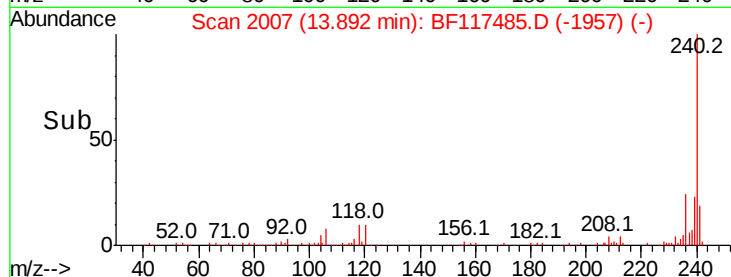
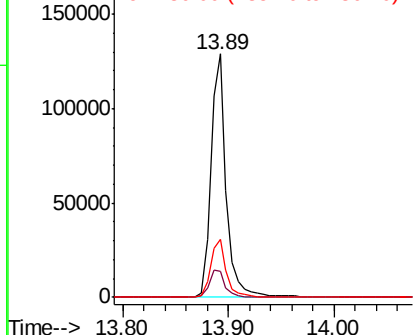
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117485.D
 Acq: 23 Oct 2019 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 130384
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 23.6 20.0 30.0

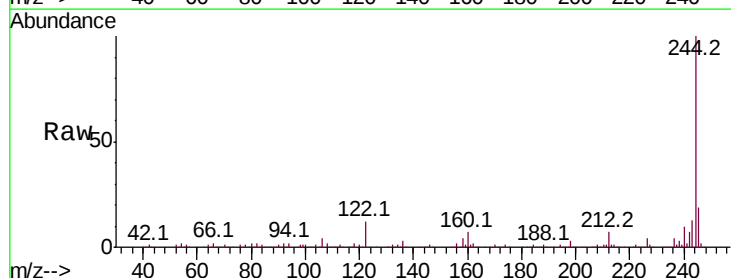


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

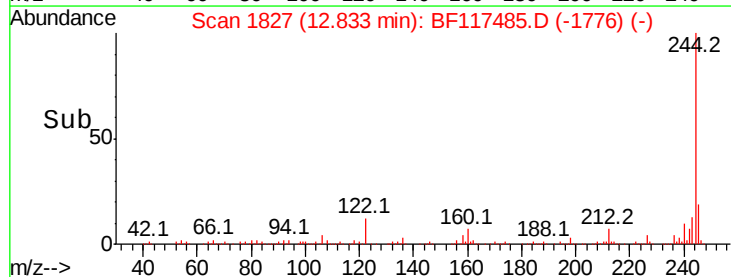
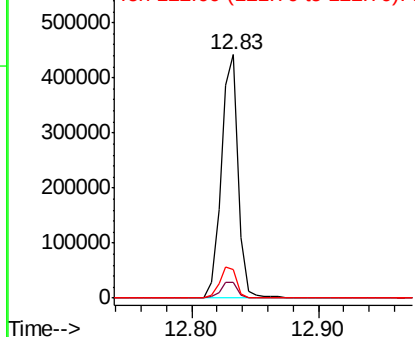


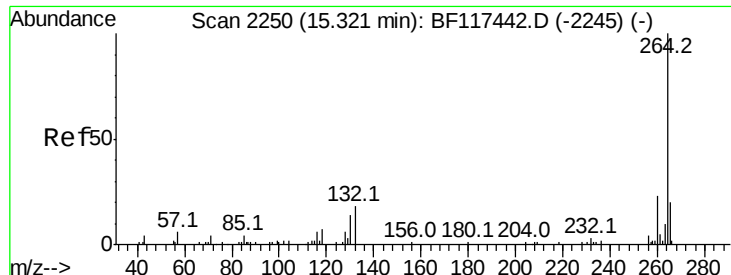
#79
 Terphenyl-d14
 Concen: 51.526 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117485.D
 Acq: 23 Oct 2019 16:18

Tgt Ion:244 Resp: 411877
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.6 11.8 17.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117485.D
 Acq: 23 Oct 2019 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	123195
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	20.8	16.1	24.1

