

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117487.D
 Acq On : 23 Oct 2019 17:11
 Operator : JU
 Sample : K5494-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:23:39 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	45525	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	186668	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	96442	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	162632	20.00	ng	0.00
76) Chrysene-d12	13.89	240	124819	20.00	ng	0.00
87) Perylene-d12	15.32	264	103139	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	298671	97.60	ng	0.00
7) Phenol-d6	6.38	99	409458	99.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	251251	66.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	84944	101.79	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	437966	63.99	ng	0.00
79) Terphenyl-d14	12.83	244	434405	56.77	ng	0.00

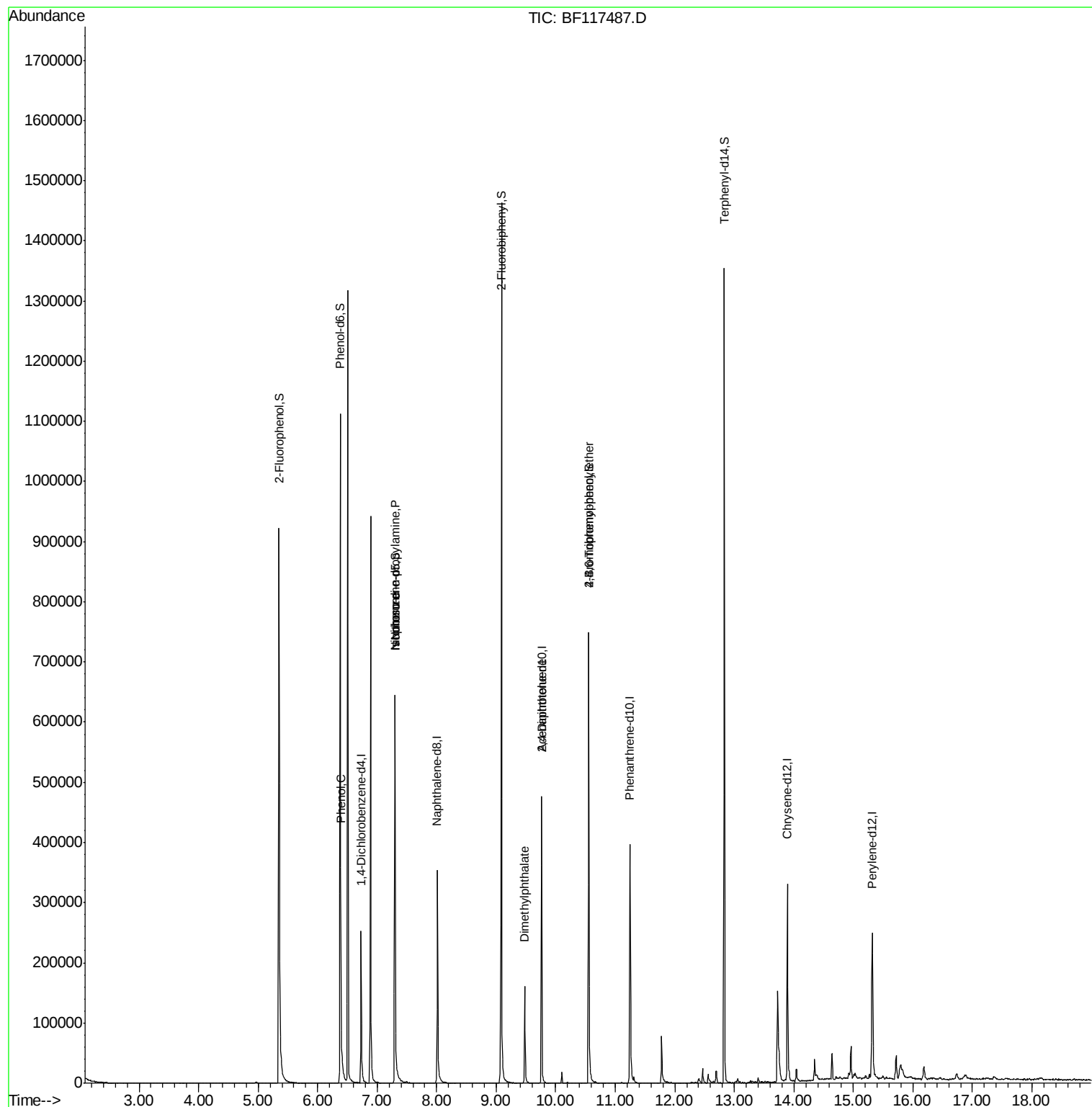
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	498	Below Cal	#	3
10) Phenol	6.39	94	9832	2.344	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	33672	13.415	ng	76
25) Isophorone	7.30	82	251249	38.411	ng	65
50) Dimethylphthalate	9.48	163	65824	9.574	ng	99
57) 2,4-Dinitrotoluene	9.76	165	11960	6.270	ng	12
67) 4-Bromophenyl-phenylether	10.55	248	5342	3.050	ng	1
77) Benzydine	12.83	184	5607	Below Cal	#	90

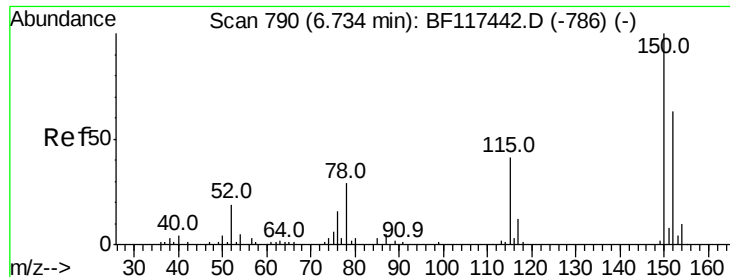
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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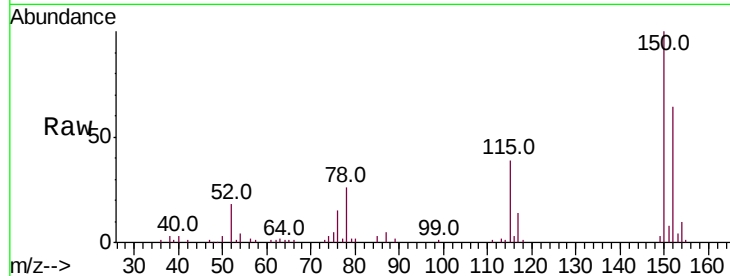


#1

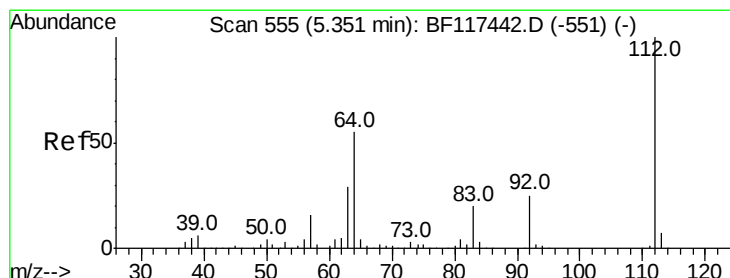
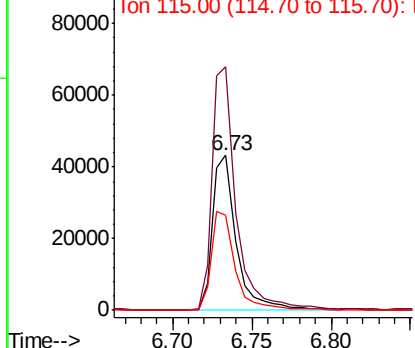
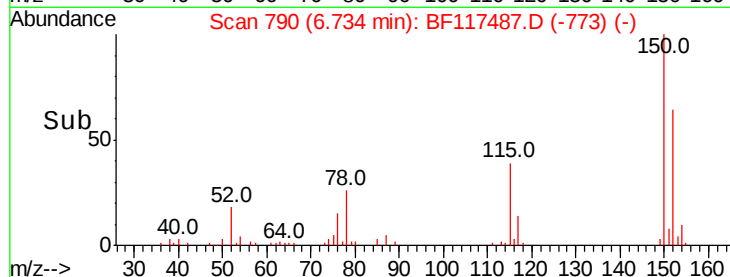
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45525
Ion Ratio Lower Upper
152 100
150 156.9 126.8 190.2
115 61.2 51.6 77.4



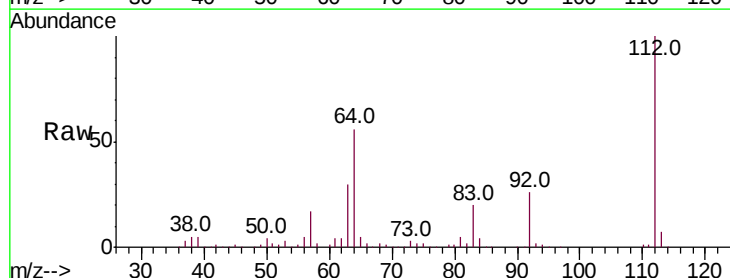
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



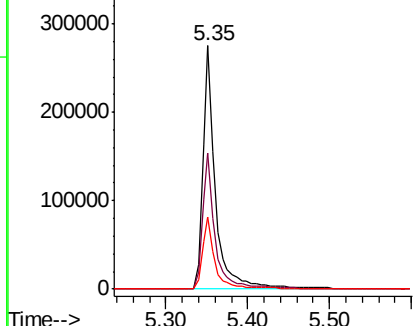
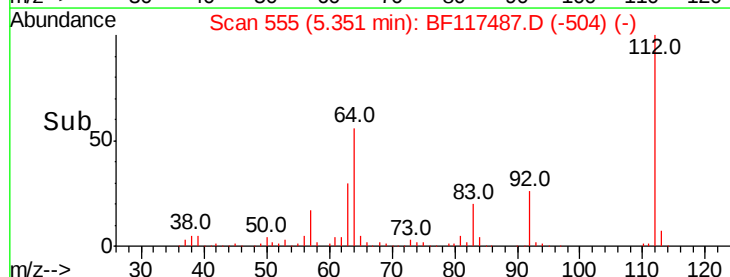
#5

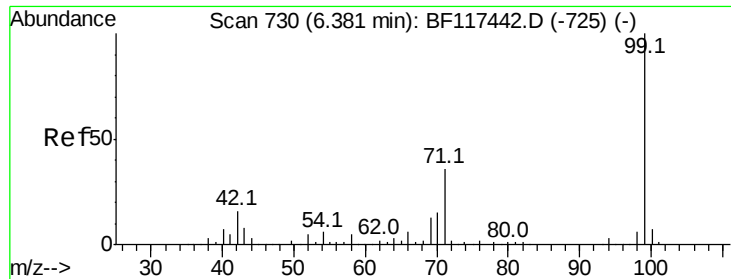
2-Fluorophenol
Concen: 97.602 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Tgt Ion:112 Resp: 298671
Ion Ratio Lower Upper
112 100
64 55.7 44.1 66.1
63 29.7 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: 99.624 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

Instrument :

BNA_F

ClientSampled :

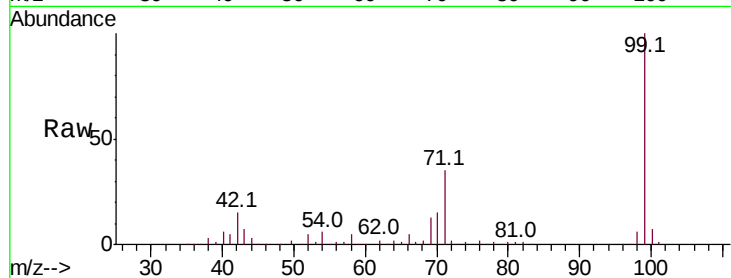
Tot Ion: 99 Resp: 409458

Ion Ratio Lower Upper

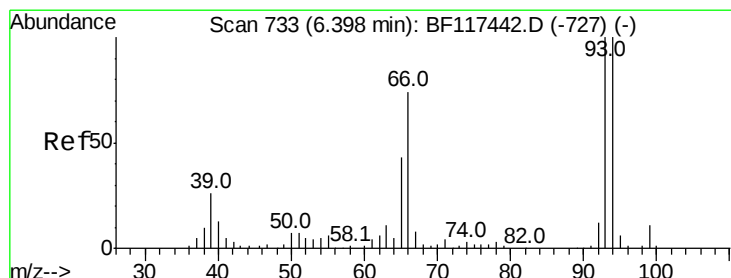
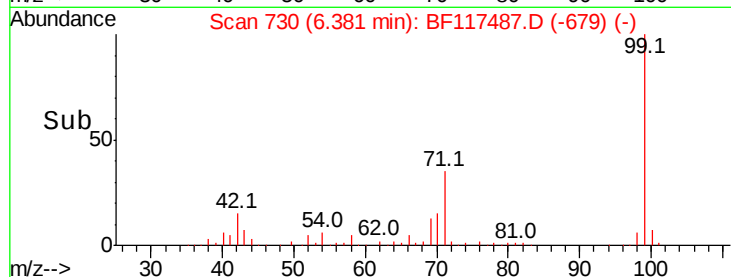
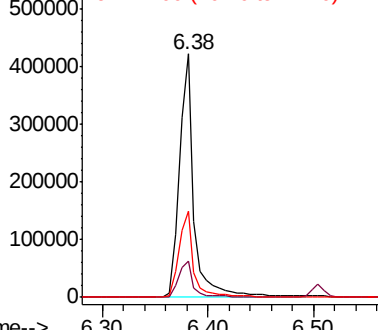
99 100

42 15.1 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



#10

Phenol

Concen: 2.344 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

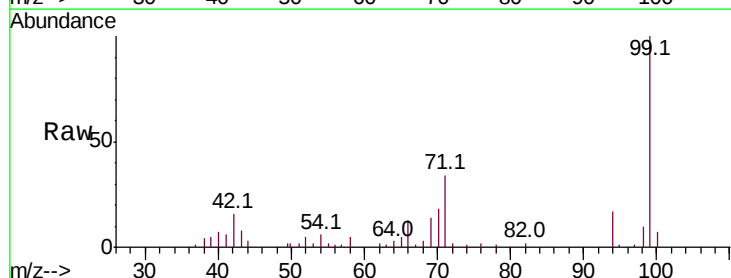
Tgt Ion: 94 Resp: 9832

Ion Ratio Lower Upper

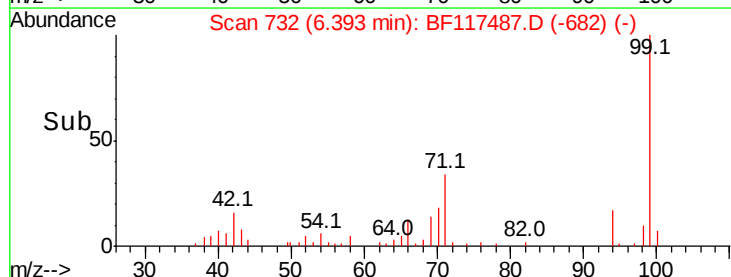
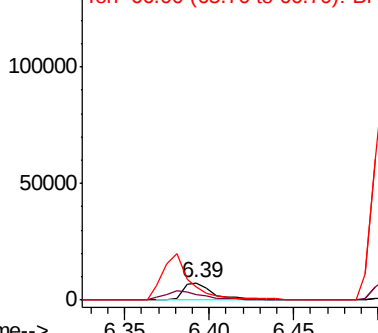
94 100

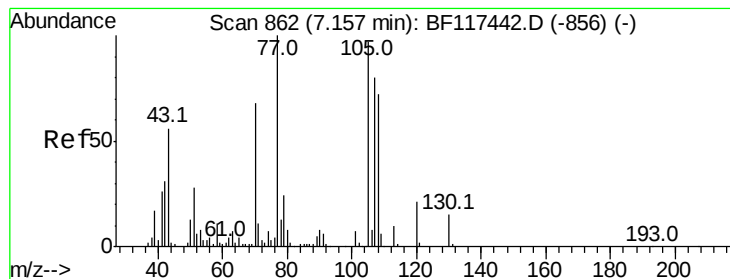
65 31.3 23.4 63.4

66 74.9 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: 13.415 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 33672

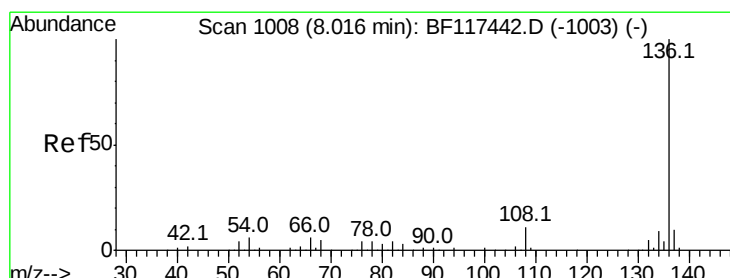
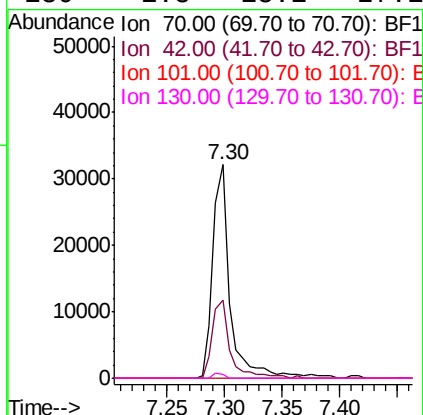
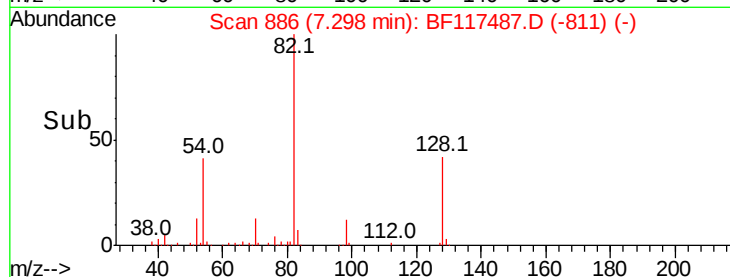
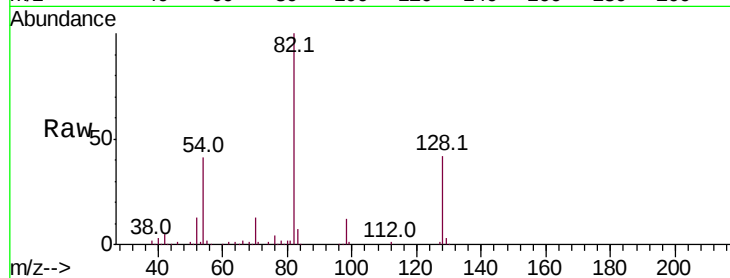
Ion Ratio Lower Upper

70 100

42 36.4 36.7 55.1#

101 0.0 8.3 12.5#

130 1.8 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: BF117487.D

Acq: 23 Oct 2019 17:11

Tgt Ion:136 Resp: 186668

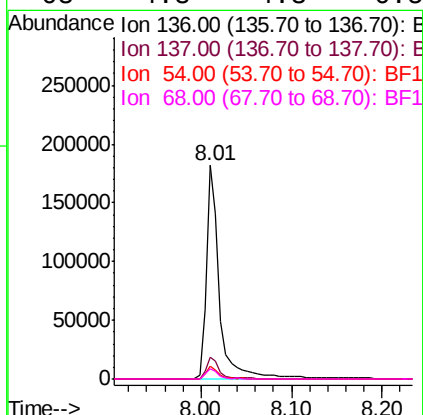
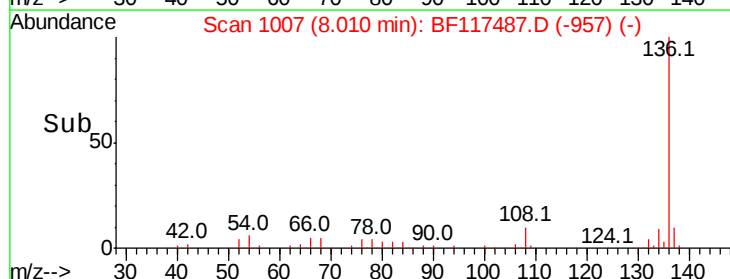
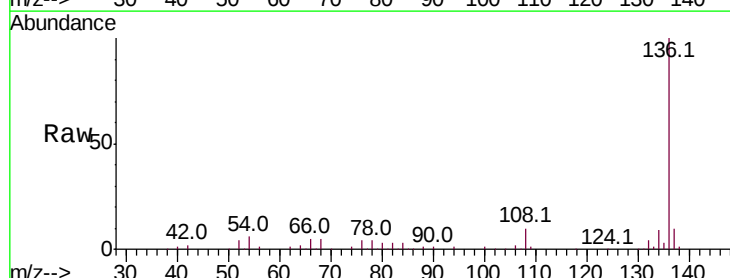
Ion Ratio Lower Upper

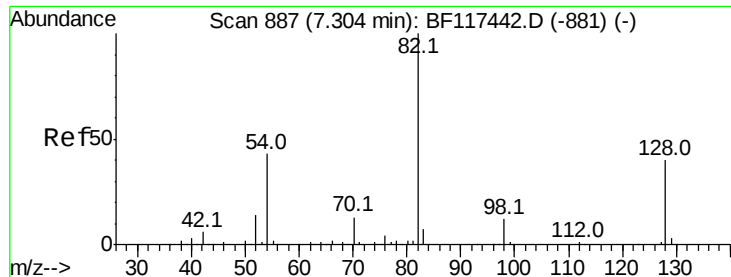
136 100

137 10.4 8.2 12.4

54 6.1 4.5 6.7

68 4.8 4.3 6.5

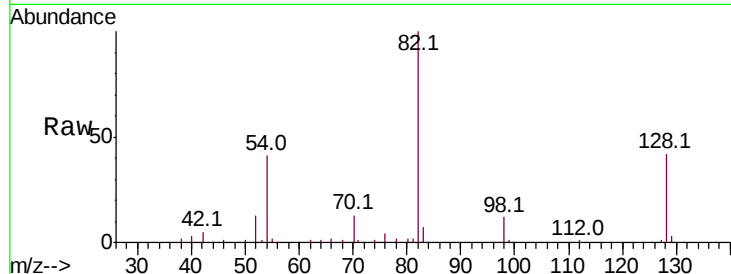




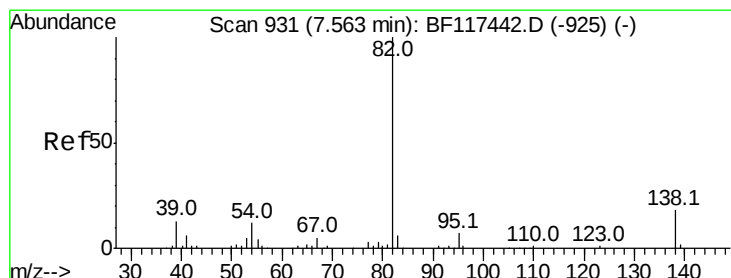
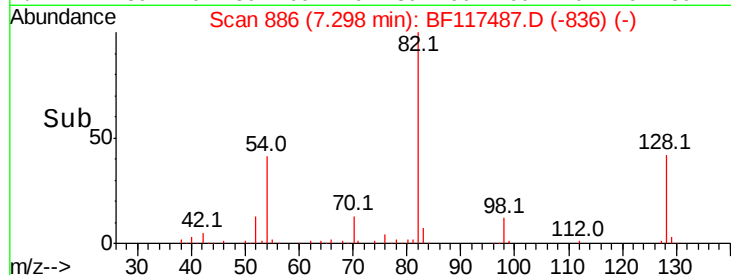
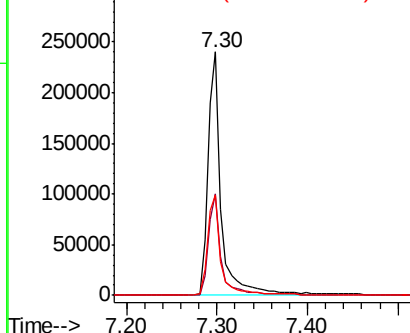
#23
Nitrobenzene-d5
Concen: 66.448 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	41.2	34.2	51.2

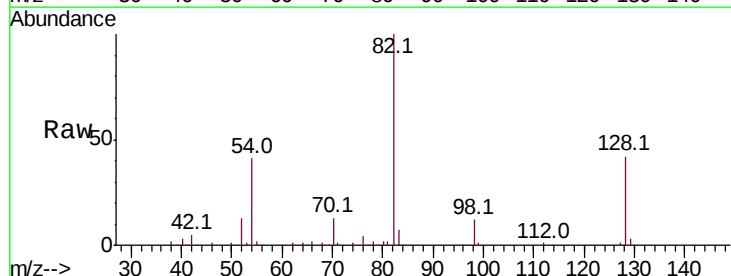


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

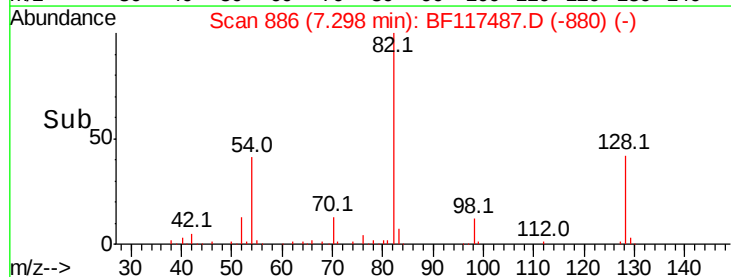
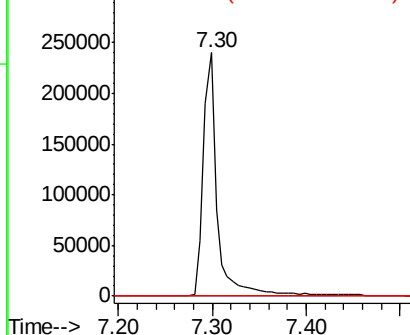


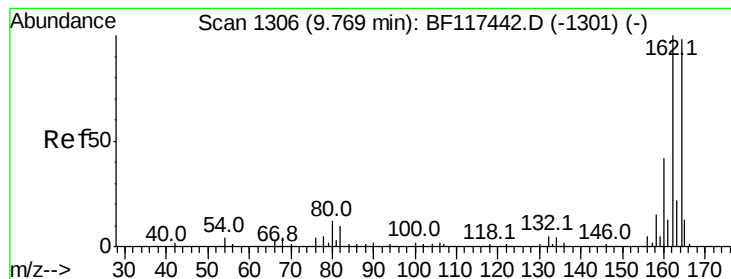
#25
Isophorone
Concen: 38.411 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117487.D
Acq: 23 Oct 2019 17:11

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

Instrument :

BNA_F

ClientSampleId :

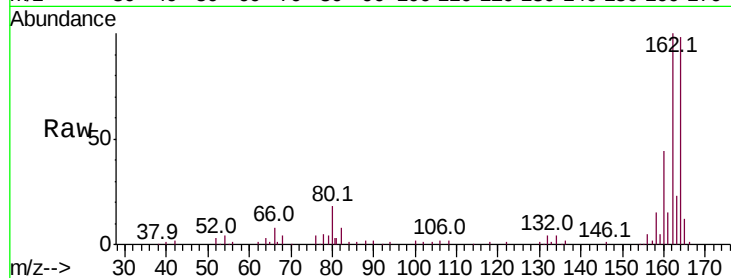
Tot Ion:164 Resp: 96442

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

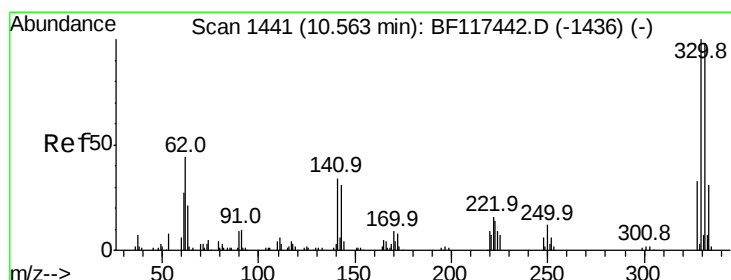
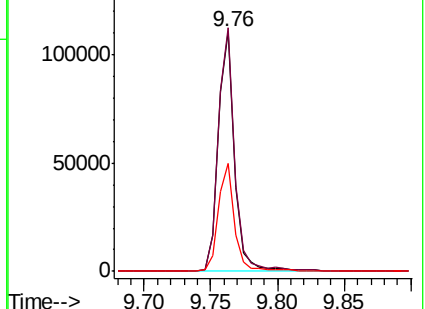
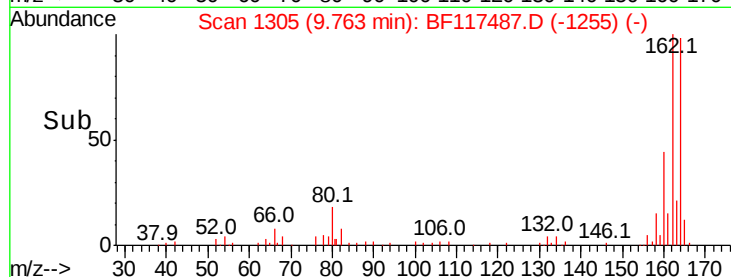
160 44.9 34.4 51.6



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: 101.794 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

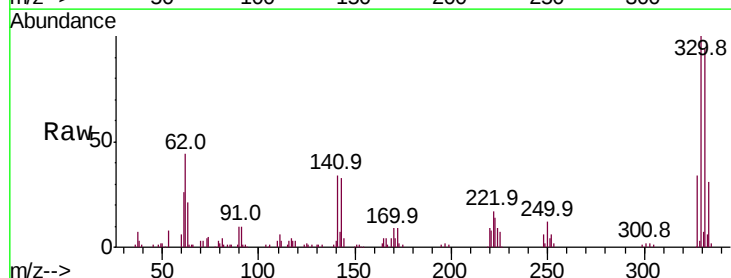
Tgt Ion:330 Resp: 84944

Ion Ratio Lower Upper

330 100

332 95.1 78.5 117.7

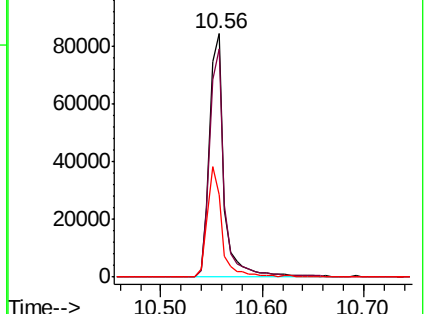
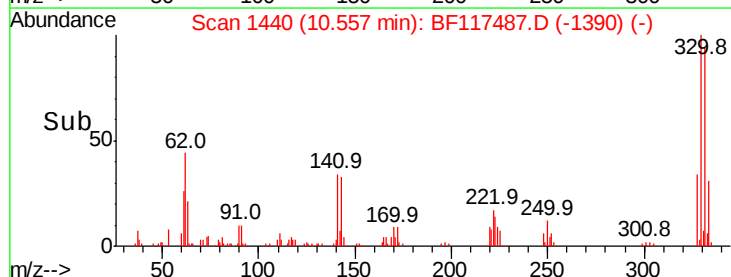
141 44.1 37.0 55.6

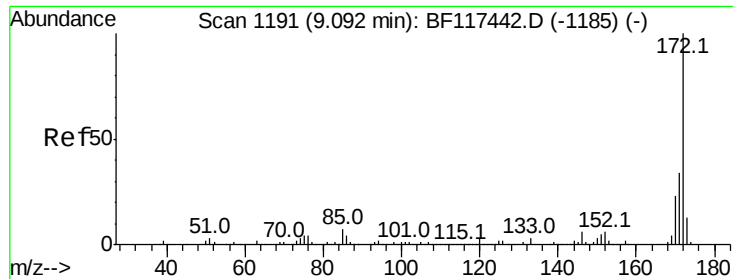


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

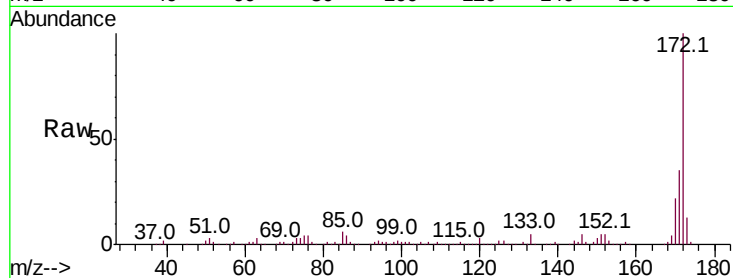




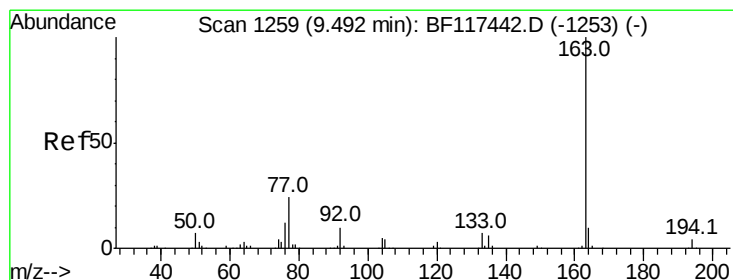
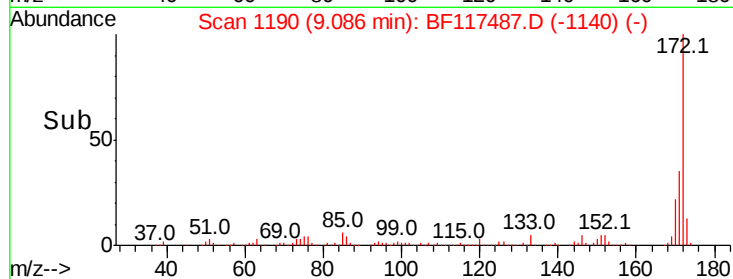
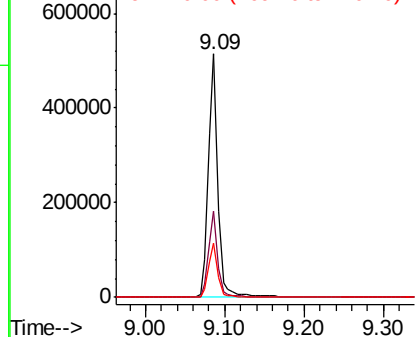
#45
 2-Fluorobiphenyl
 Concen: 63.986 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117487.D
 Acq: 23 Oct 2019 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 437966
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.5 41.3
 170 22.3 18.6 27.8

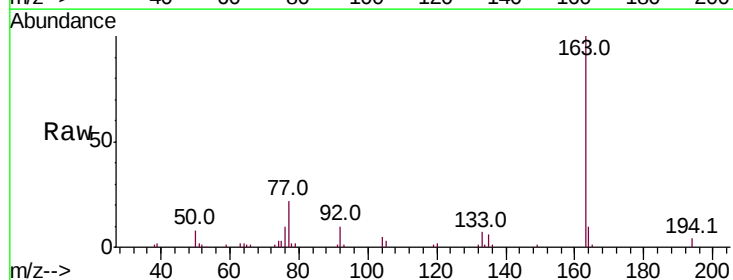


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

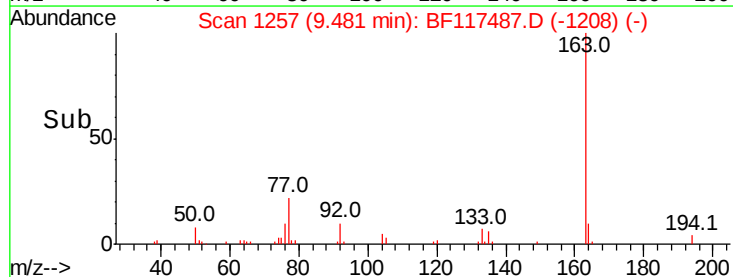
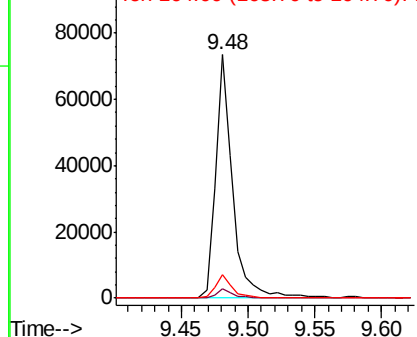


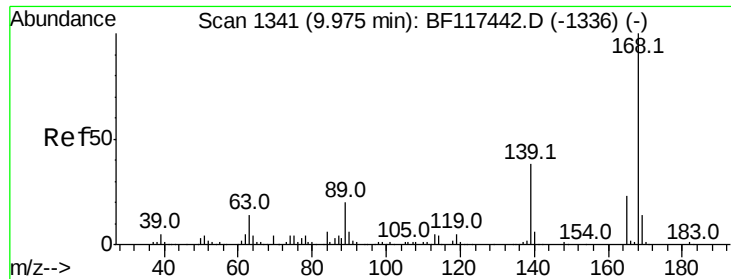
#50
 Dimethylphthalate
 Concen: 9.574 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117487.D
 Acq: 23 Oct 2019 17:11

Tgt Ion:163 Resp: 65824
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.9 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

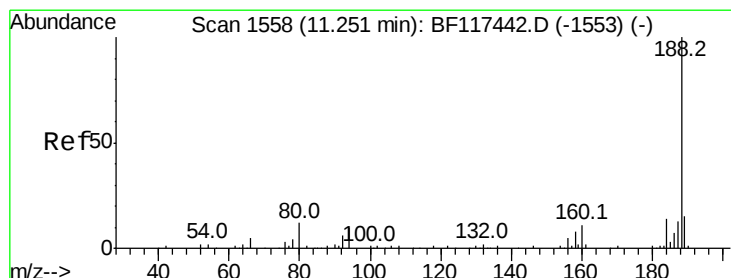
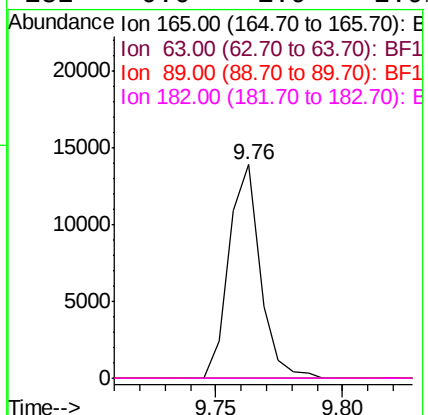
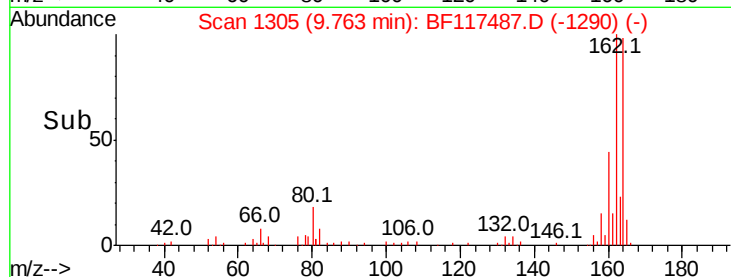
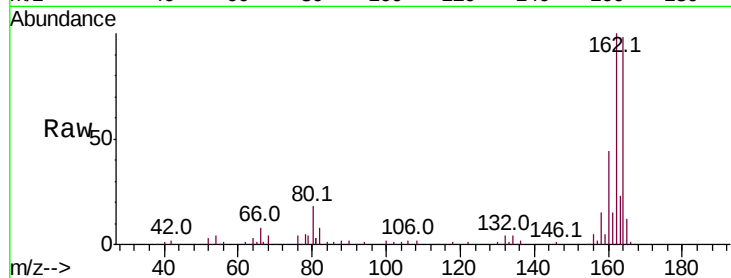




#57
 2,4-Dinitrotoluene
 Concen: 6.270 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117487.D
 Acq: 23 Oct 2019 17:11

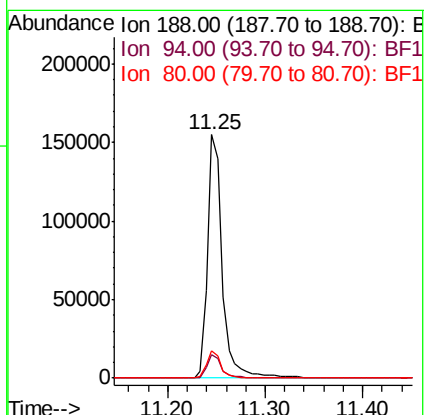
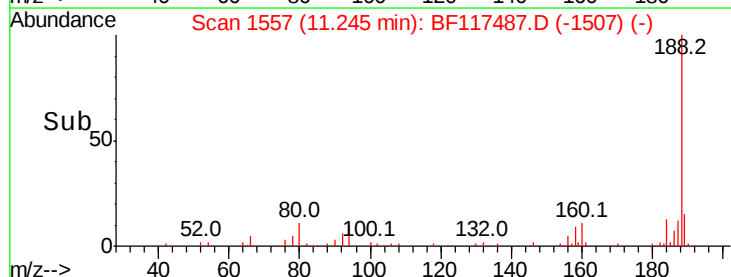
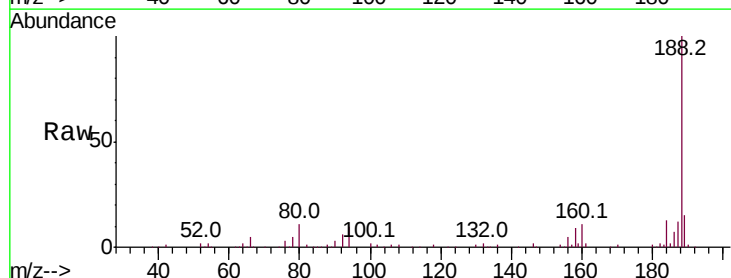
Instrument :
 BNA_F
 ClientSampleId :

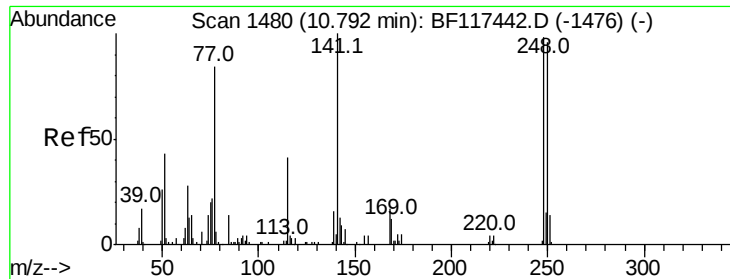
Tot Ion:165 Resp: 11960
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117487.D
 Acq: 23 Oct 2019 17:11

Tgt Ion:188 Resp: 162632
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.0 12.0
 80 11.4 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 3.050 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

Instrument :

BNA_F

ClientSampleId :

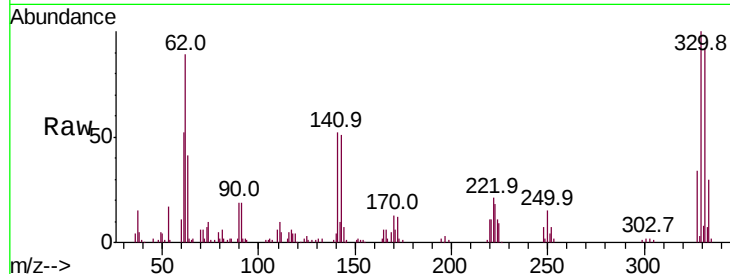
Tot Ion:248 Resp: 5342

Ion Ratio Lower Upper

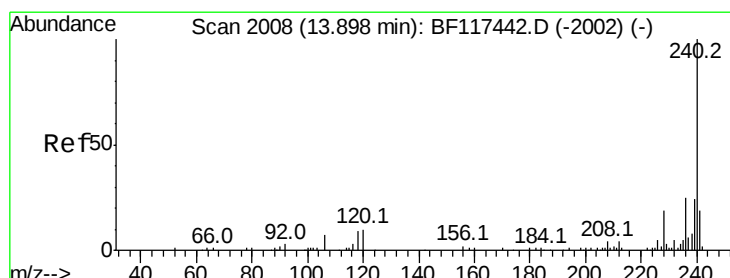
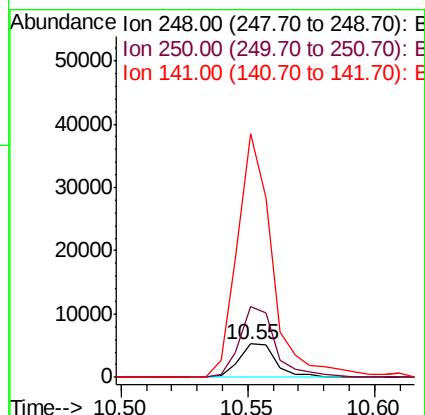
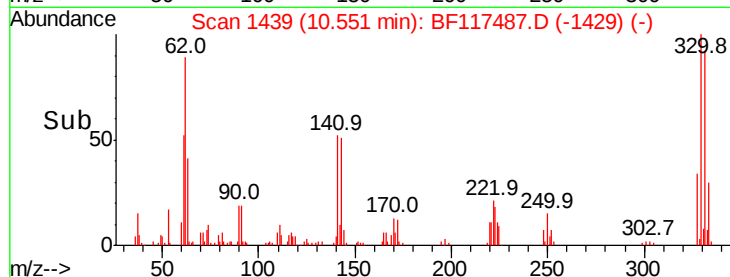
248 100

250 210.7 78.0 117.0#

141 728.6 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: BF117487.D

Acq: 23 Oct 2019 17:11

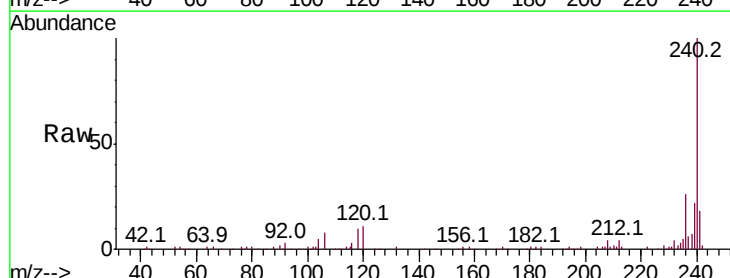
Tgt Ion:240 Resp: 124819

Ion Ratio Lower Upper

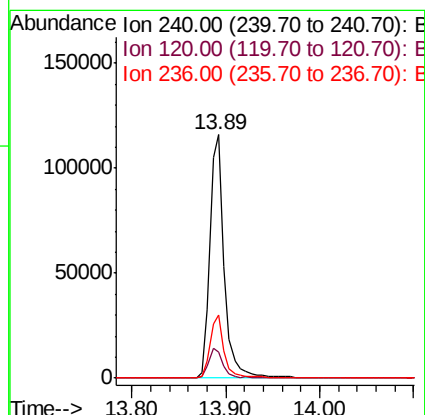
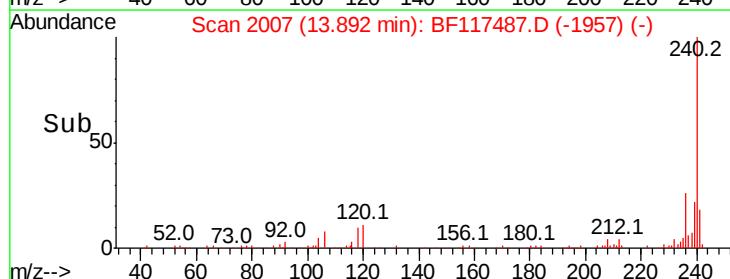
240 100

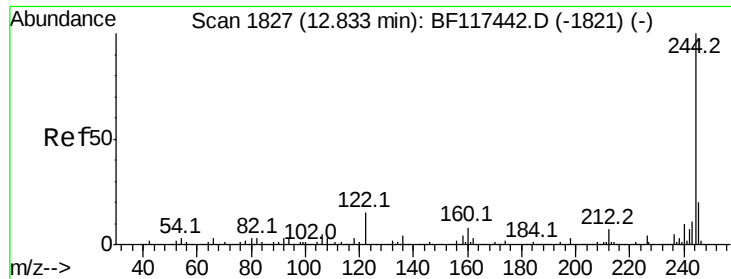
120 10.7 8.4 12.6

236 25.7 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: 56.767 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

Instrument :

BNA_F

ClientSampleId :

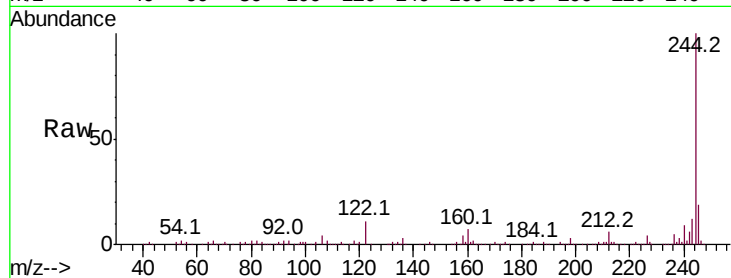
Tot Ion:244 Resp: 434405

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

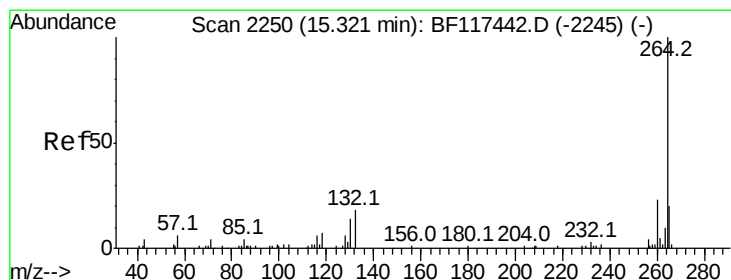
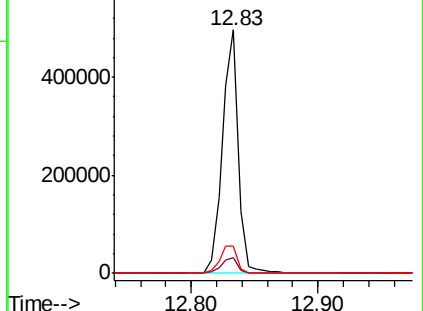
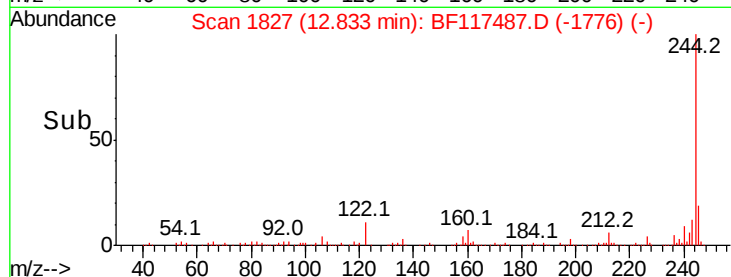
122 11.4 11.8 17.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF117487.D

Acq: 23 Oct 2019 17:11

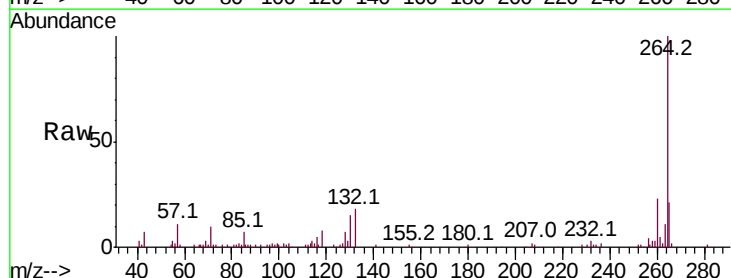
Tgt Ion:264 Resp: 103139

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 20.6 16.1 24.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

