

Data File : BF118530.D
Acq On : 10 Jan 2020 22:27
Operator : JU
Sample : L1084-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AF-3

Quant Time: Jan 11 02:56:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	72740	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	266511	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	131745	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	288203	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	116890	20.00	ng	-0.01
87) Perylene-d12	15.52	264	160615	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	544533	123.58	ng	0.01
7) Phenol-d6	6.47	99	612515	116.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	496144	97.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	255676	164.47	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1000632	108.93	ng	-0.01
79) Terphenyl-d14	12.96	244	955345	129.52	ng	0.00

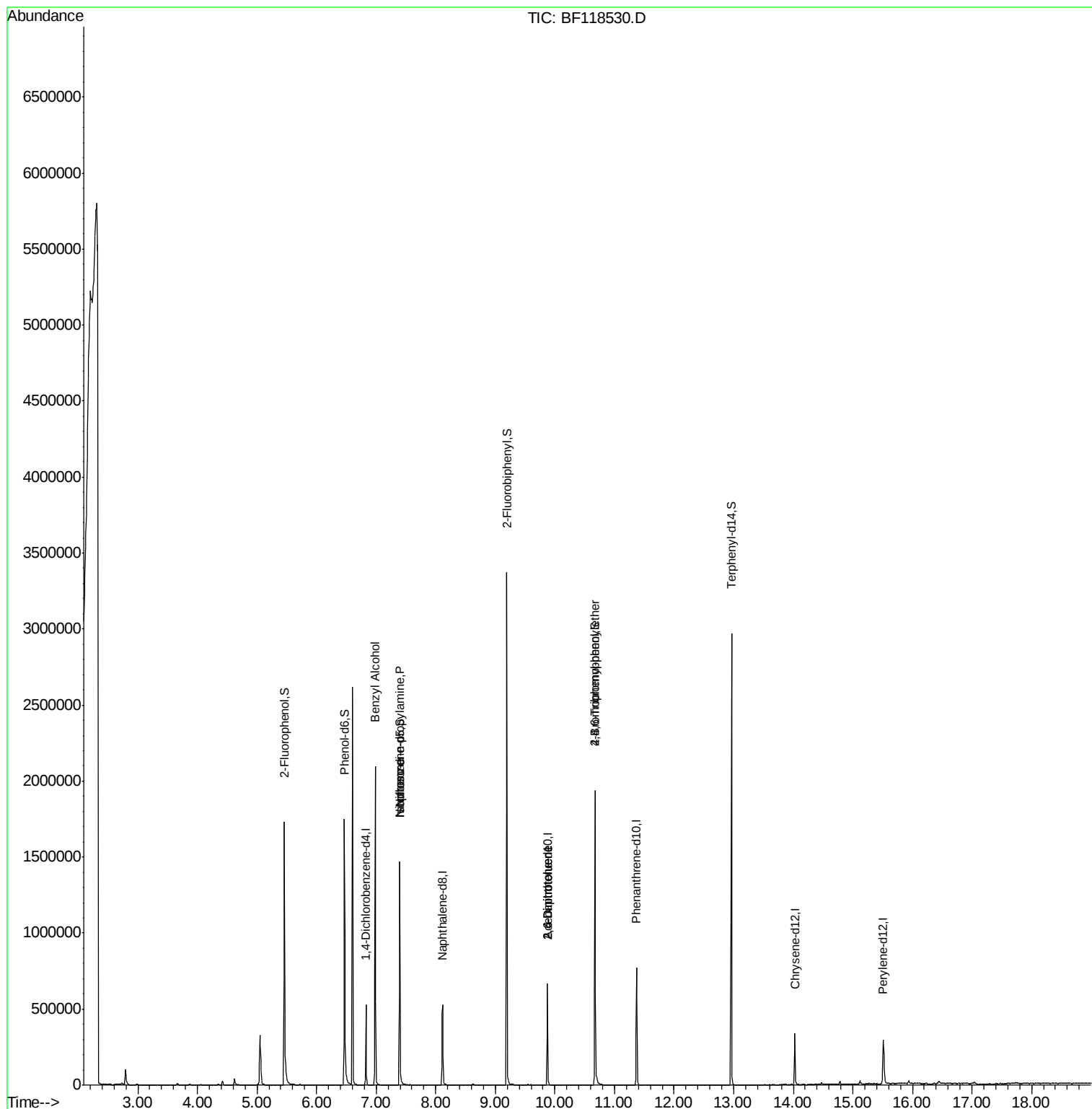
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.98	79	8889	2.080	ng	# 55
19) n-Nitroso-di-n-propylamine	7.40	70	69219	20.400	ng	# 74
25) Isophorone	7.40	82	496138	61.043	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	16778	7.705	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	16778	5.754	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	16119	4.775	ng	# 1
77) Benzidine	12.96	184	15069	Below Cal		# 94

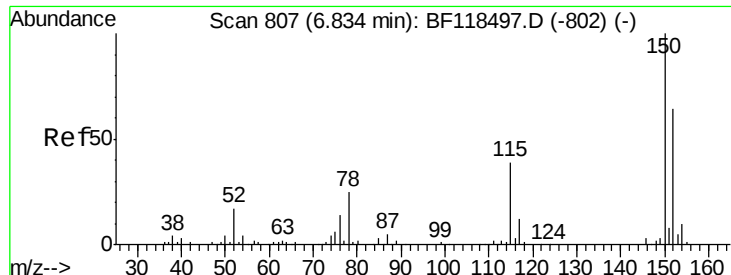
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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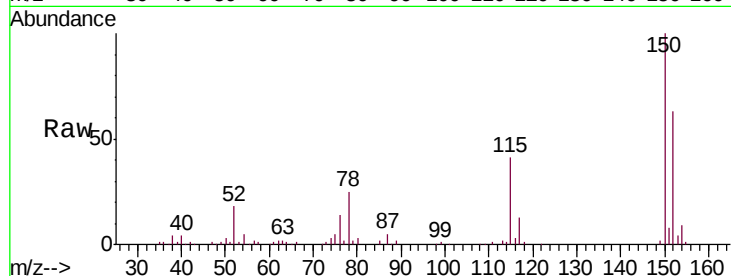


#1

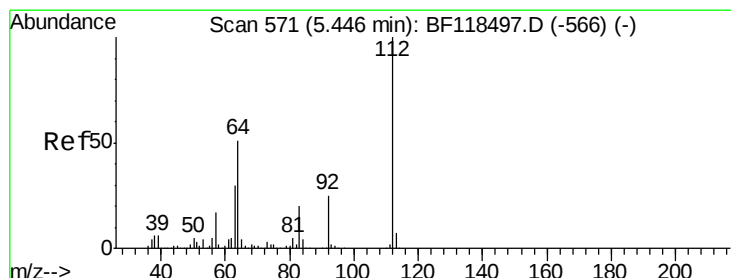
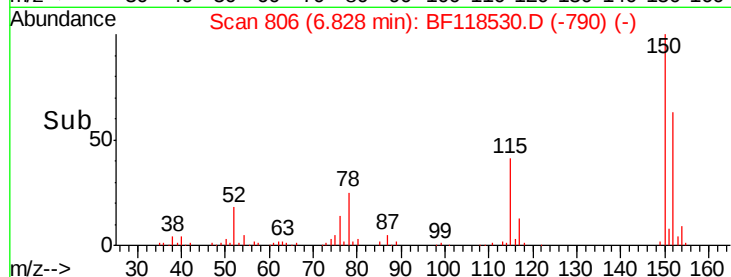
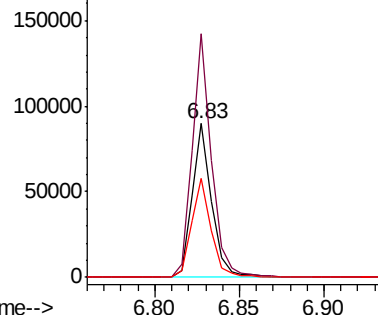
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

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ClientSampleId :
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Tgt Ion:152 Resp: 72740
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 64.7 49.0 73.6



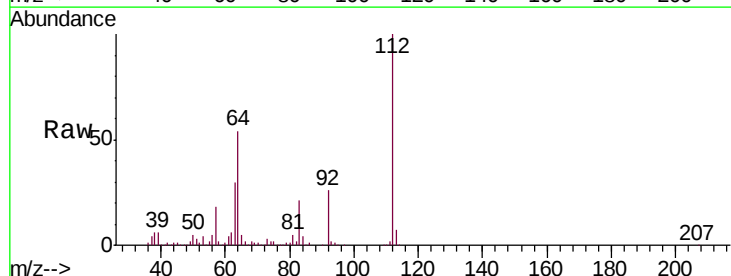
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



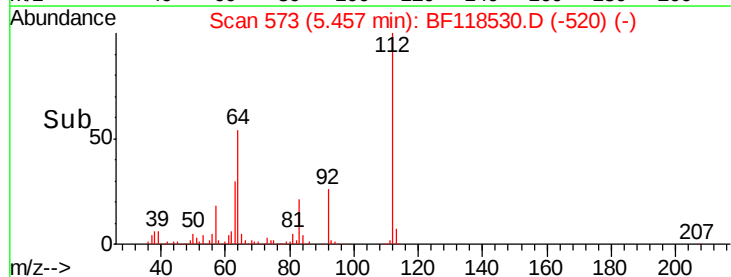
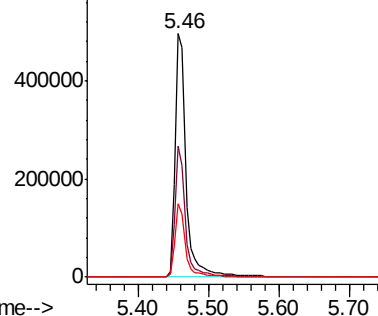
#5

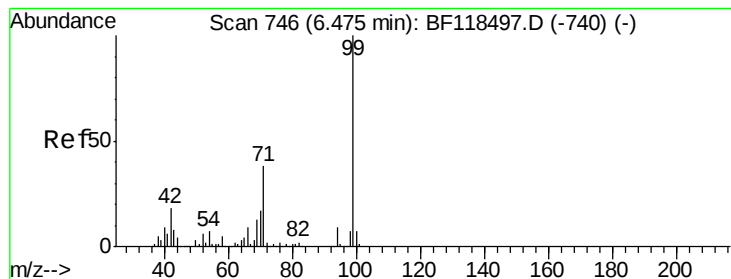
2-Fluorophenol
Concen: 123.575 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Tgt Ion:112 Resp: 544533
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 30.4 24.1 36.1



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: 116.266 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

Instrument :

BNA_F

ClientSampleId :

AF-3

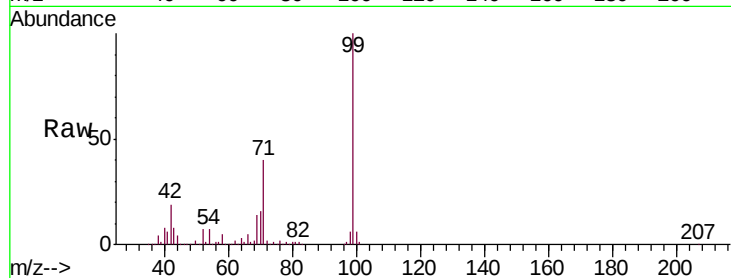
Tgt Ion: 99 Resp: 612515

Ion Ratio Lower Upper

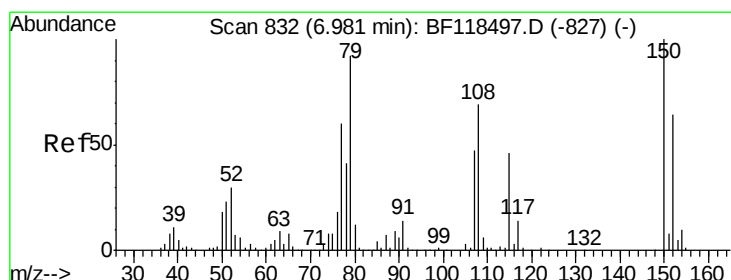
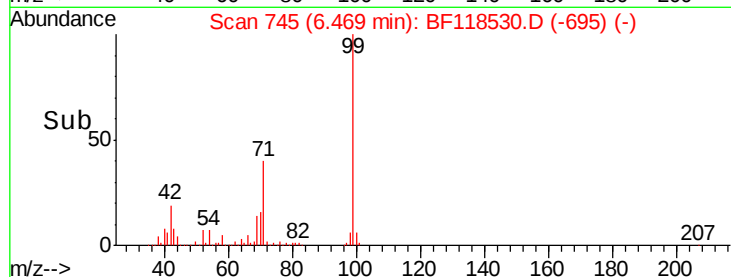
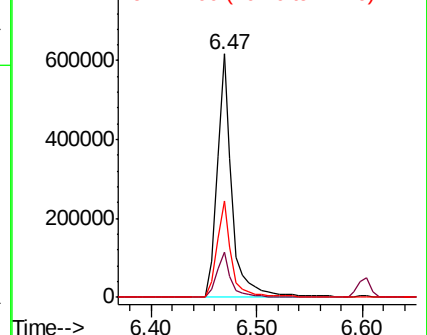
99 100

42 18.6 14.5 21.7

71 39.5 30.6 45.8



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



#15

Benzyl Alcohol

Concen: 2.080 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

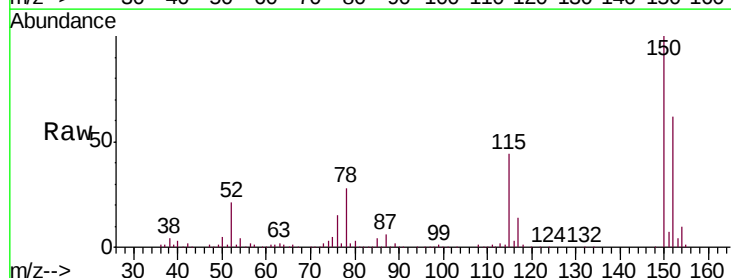
Tgt Ion: 79 Resp: 8889

Ion Ratio Lower Upper

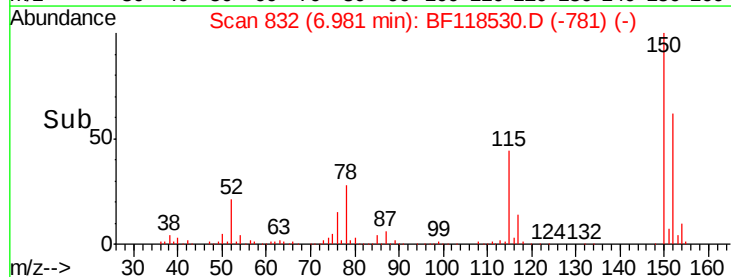
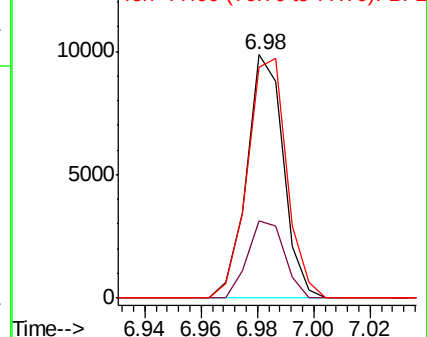
79 100

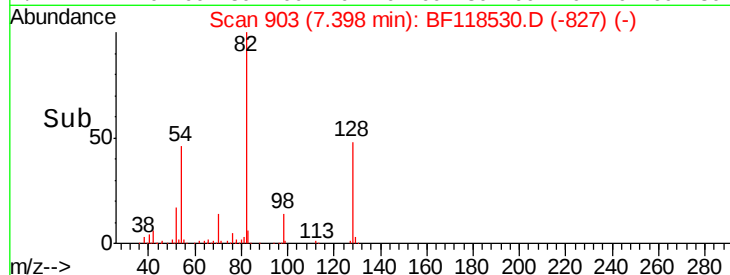
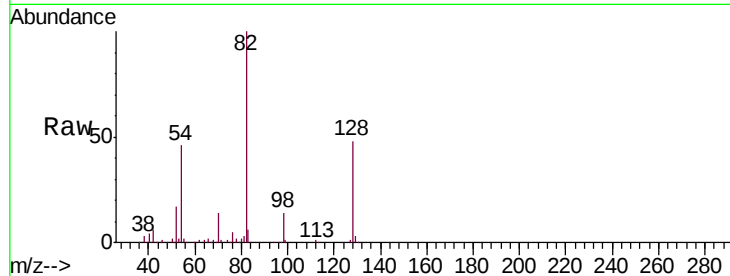
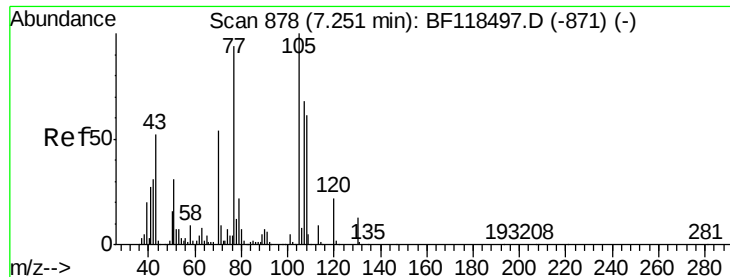
108 31.7 60.2 90.2#

77 94.9 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

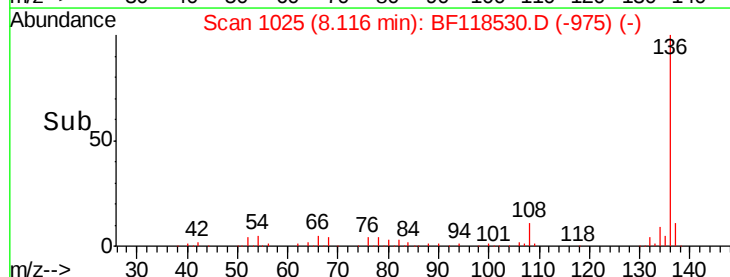
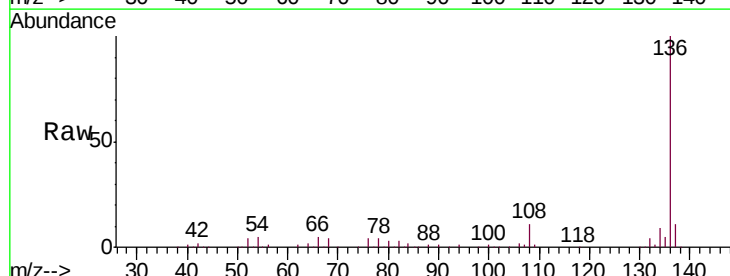
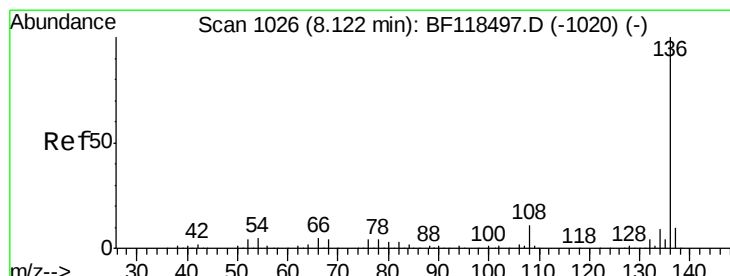
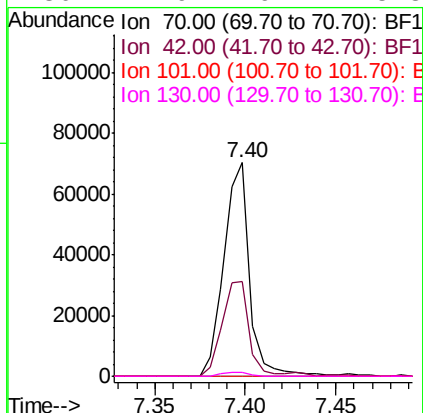




#19
n-Nitroso-di-n-propylamine
Concen: 20.400 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF118530.D
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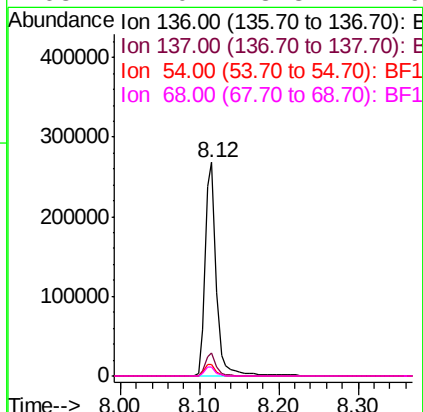
Instrument :
BNA_F
ClientSampled :
AF-3

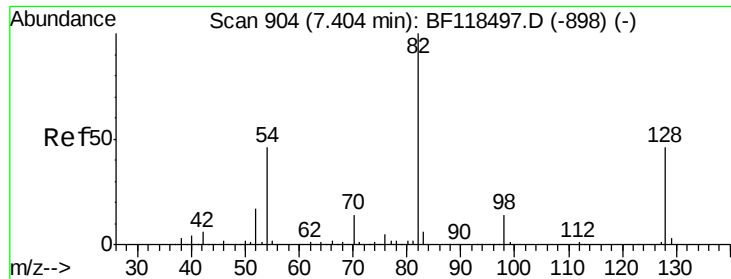
Tgt Ion: 70 Resp: 69219
Ion Ratio Lower Upper
70 100
42 44.3 45.6 68.4#
101 0.0 8.2 12.2#
130 1.9 19.2 28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118530.D
Acq: 10 Jan 2020 22:27

Tgt Ion: 136 Resp: 266511
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 5.4 4.2 6.2
68 4.0 3.3 4.9

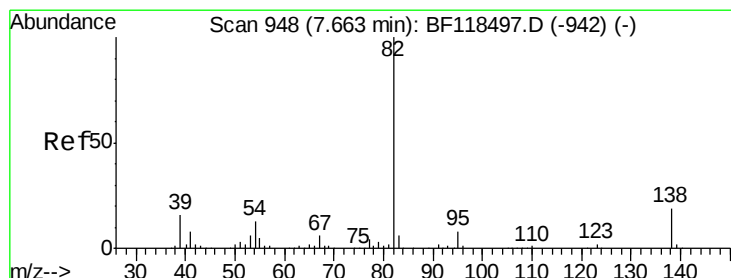
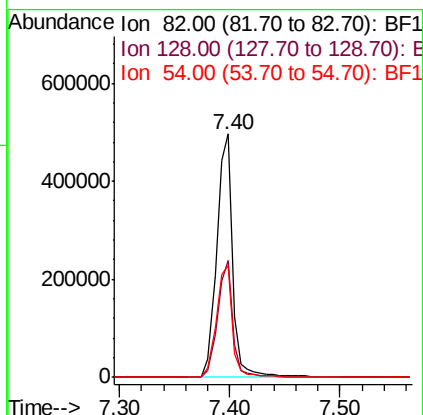
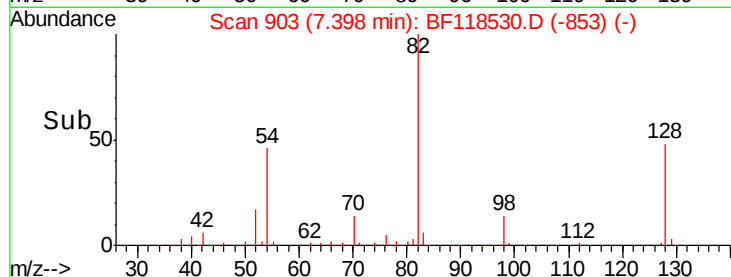
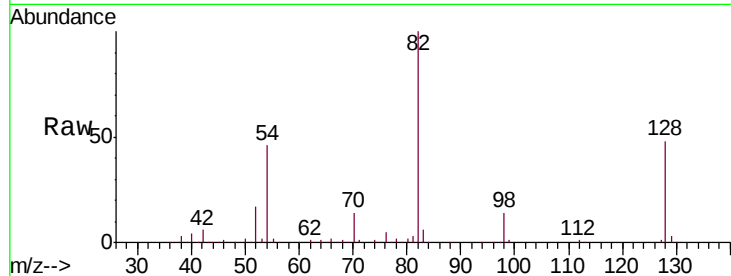




#23
 Nitrobenzene-d5
 Concen: 97.794 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

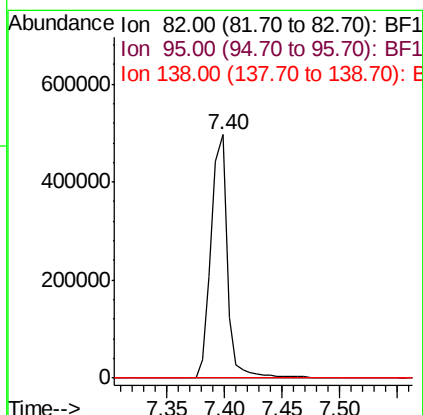
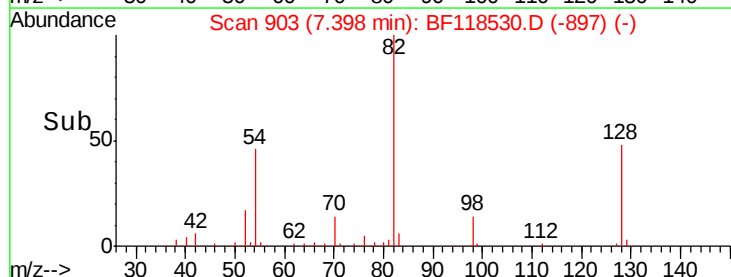
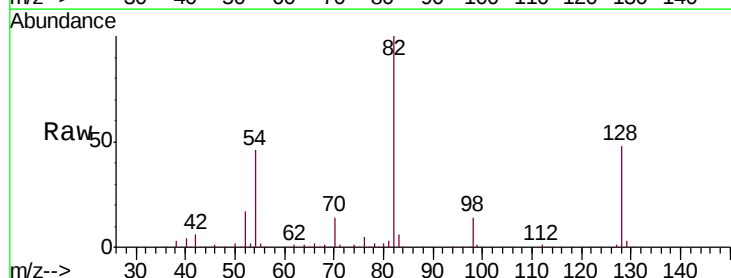
Instrument :
 BNA_F
 ClientSampleId :
 AF-3

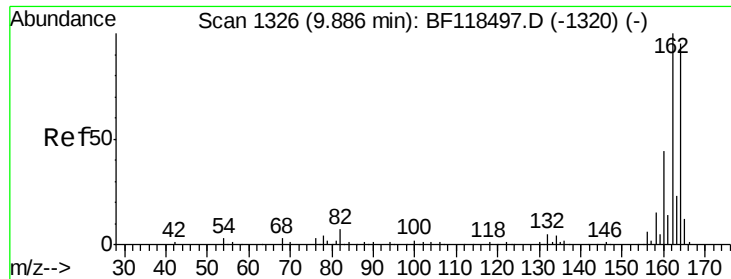
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.6	54.8
54	45.8	37.0	55.6



#25
 Isophorone
 Concen: 61.043 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.26 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	15.4	23.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

Instrument :

BNA_F

ClientSampleId :

AF-3

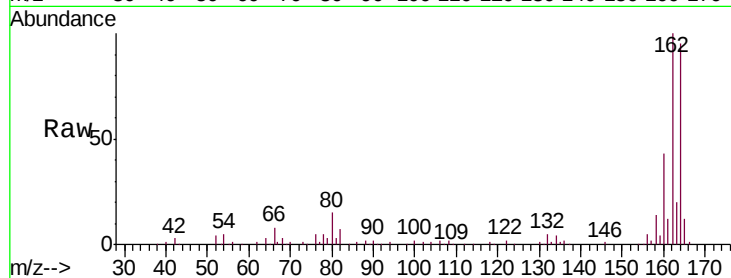
Tgt Ion:164 Resp: 131745

Ion Ratio Lower Upper

164 100

162 104.8 84.2 126.4

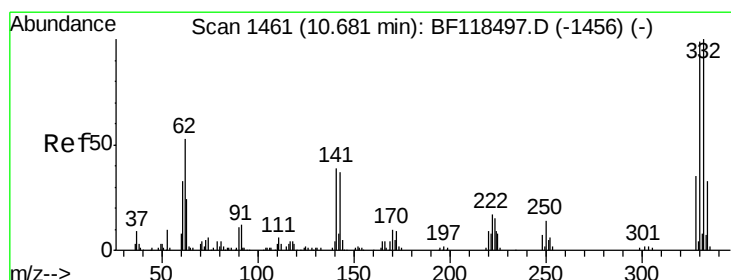
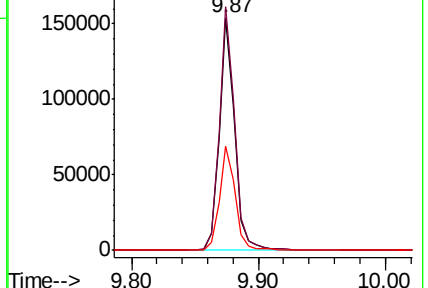
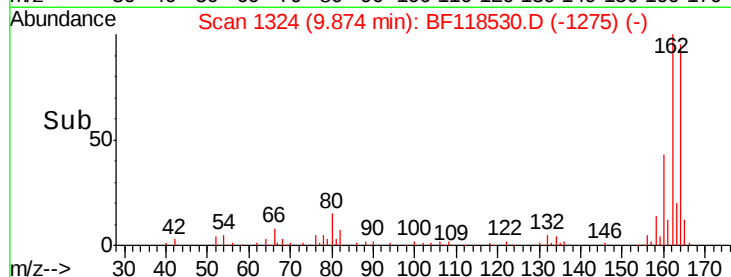
160 44.9 36.8 55.2



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: 164.468 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

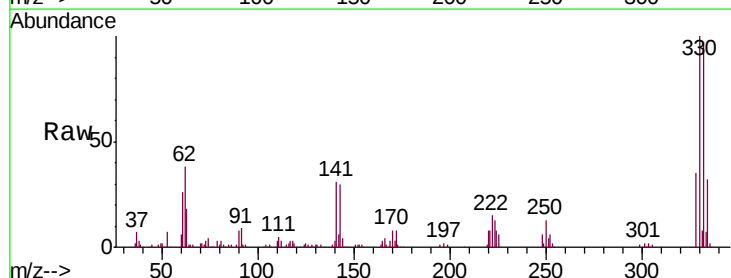
Tgt Ion:330 Resp: 255676

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

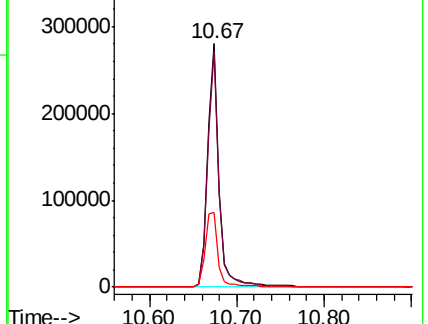
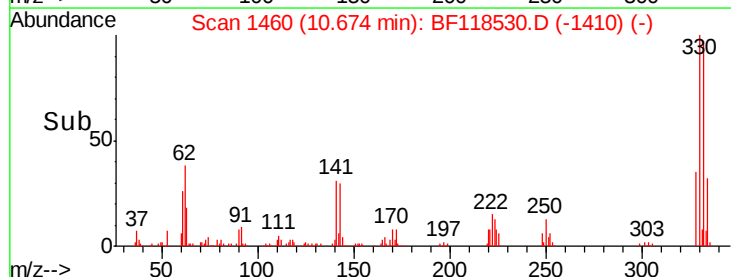
141 35.2 28.6 43.0

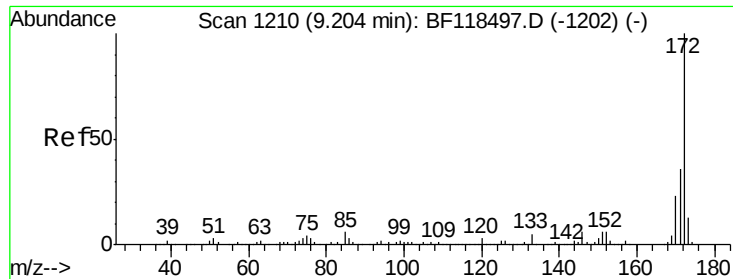


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

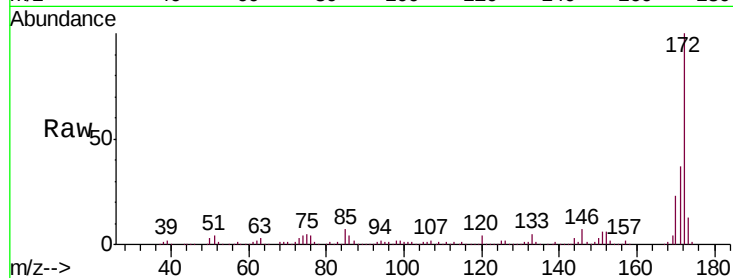




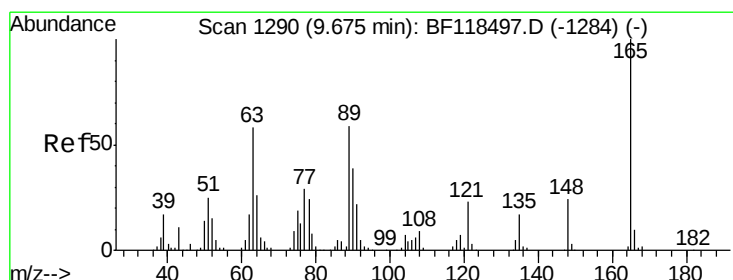
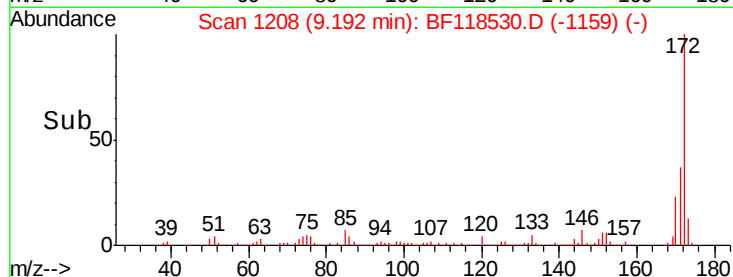
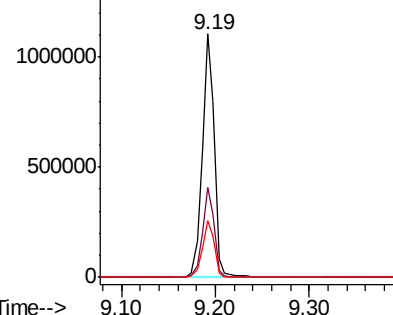
#45
 2-Fluorobiphenyl
 Concen: 108.931 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

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Tgt Ion:172 Resp: 1000632
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 23.4 18.6 27.8

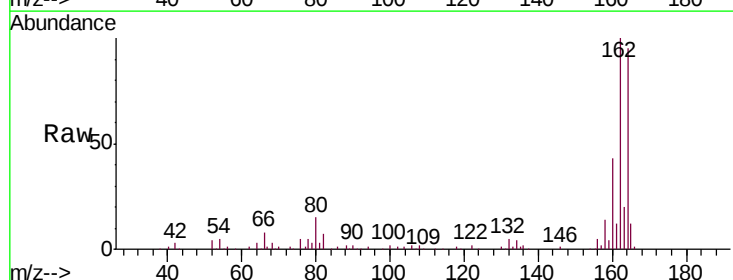


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

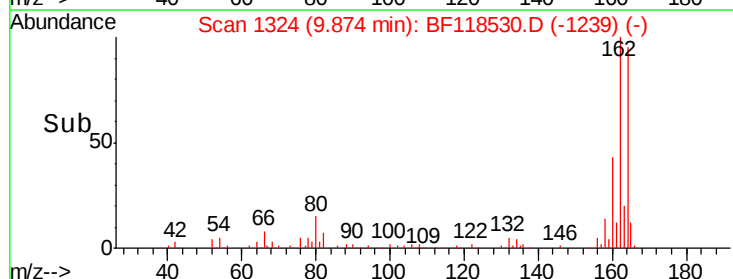
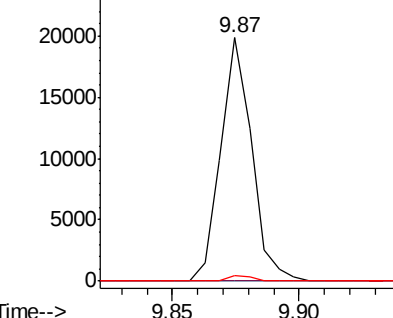


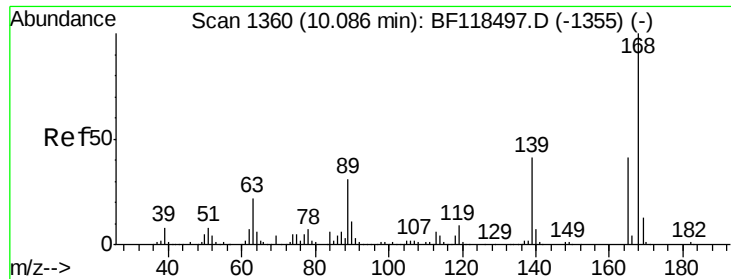
#51
 2,6-Dinitrotoluene
 Concen: 7.705 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.20 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Tgt Ion:165 Resp: 16778
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 70.0#
 89 2.0 47.5 71.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

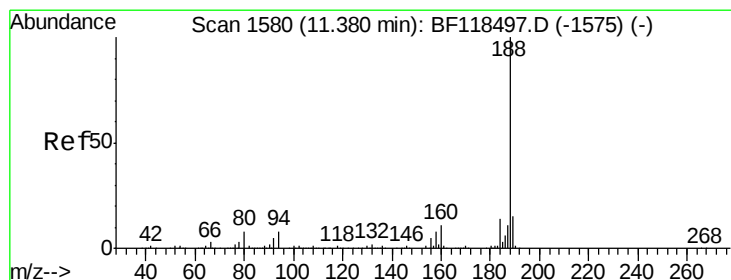
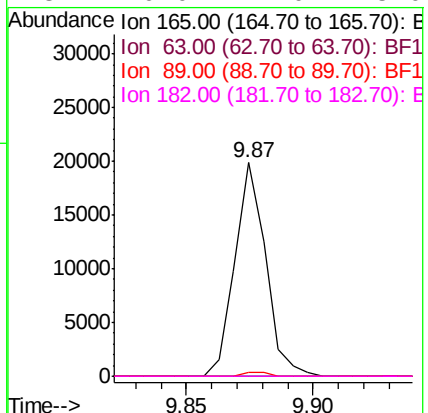
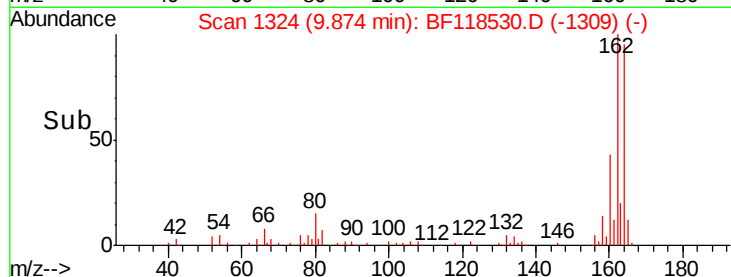
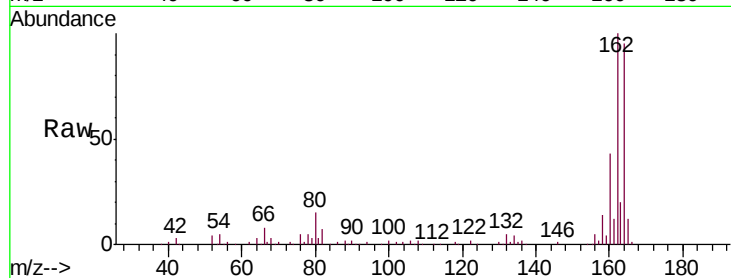




#57
 2,4-Dinitrotoluene
 Concen: 5.754 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

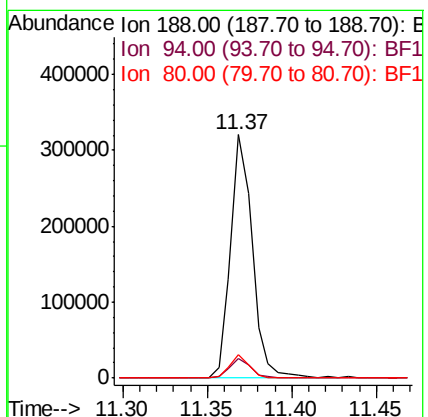
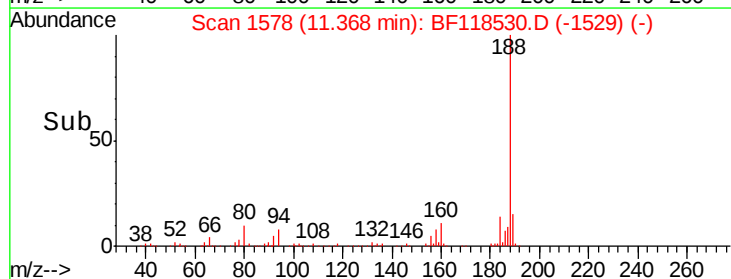
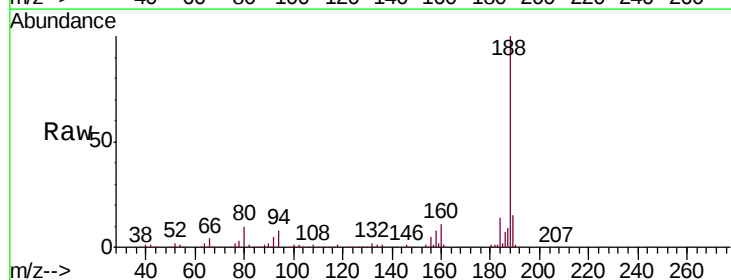
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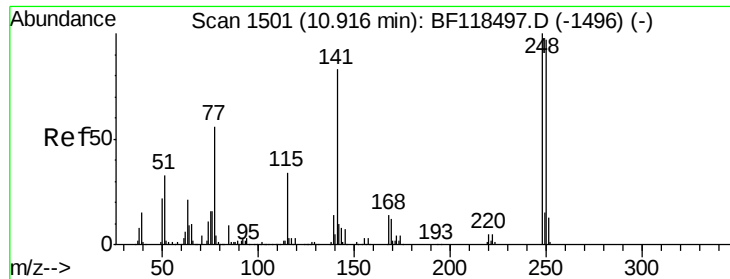
Tgt Ion:	165	Resp:	16778
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.0	60.4	90.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Tgt Ion:	188	Resp:	288203
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.4
80	9.6	6.6	10.0

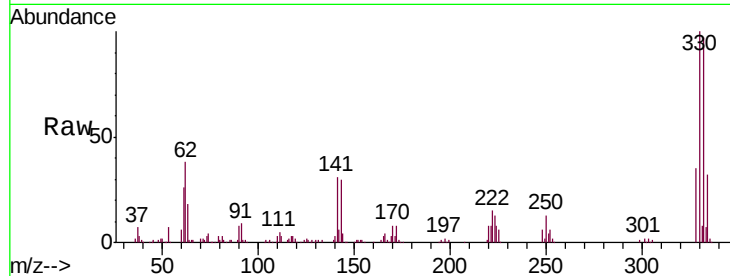




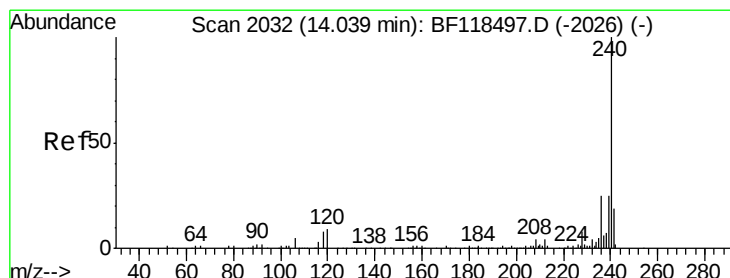
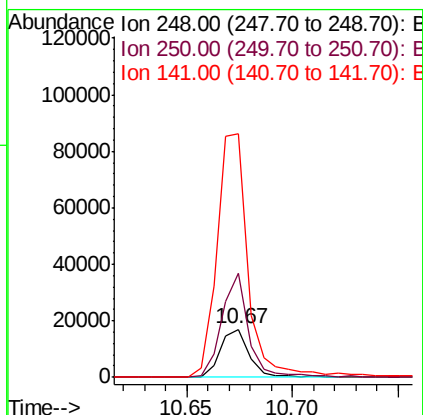
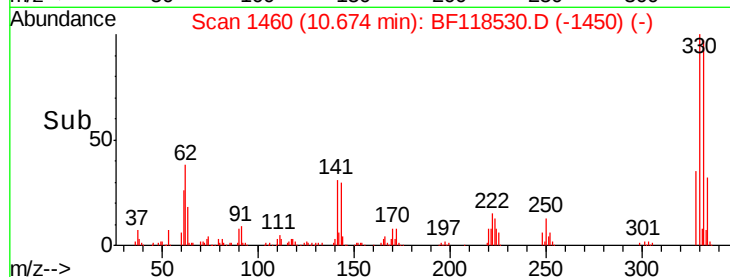
#67
 4-Bromophenyl-phenylether
 Concen: 4.775 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Instrument :
 BNA_F
 ClientSampled :
 AF-3

Tgt Ion:248 Resp: 16119
 Ion Ratio Lower Upper
 248 100
 250 216.7 77.4 116.0#
 141 509.8 66.2 99.4#

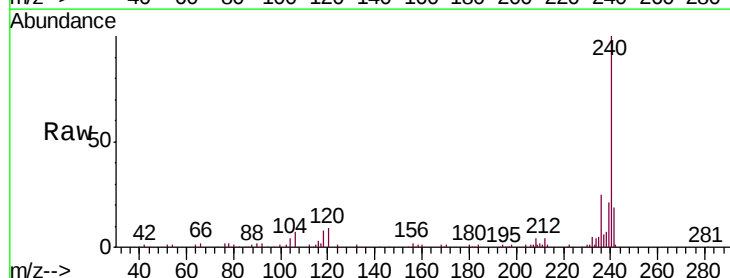


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

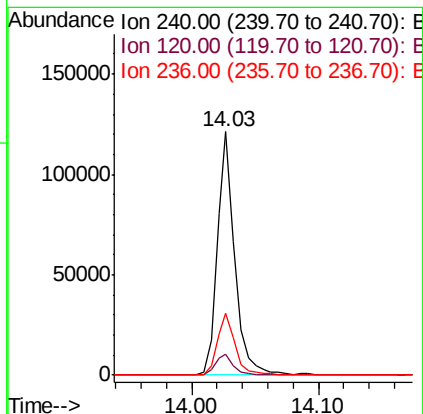
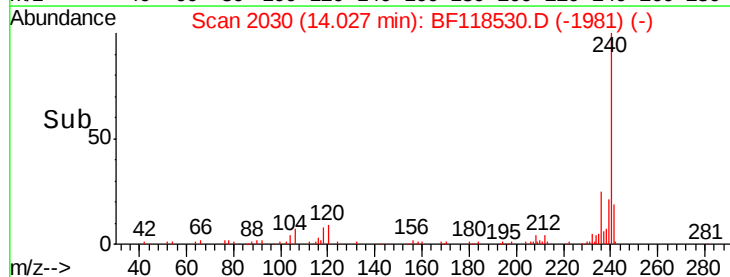


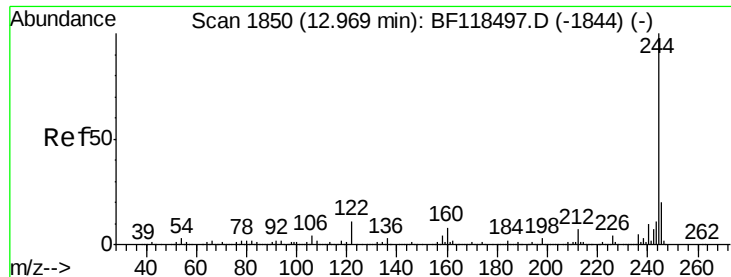
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118530.D
 Acq: 10 Jan 2020 22:27

Tgt Ion:240 Resp: 116890
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.0 10.6
 236 25.4 20.1 30.1



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: 129.517 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

Instrument :

BNA_F

ClientSampleId :

AF-3

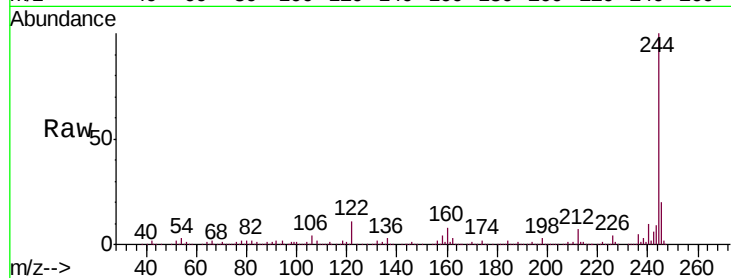
Tgt Ion:244 Resp: 955345

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

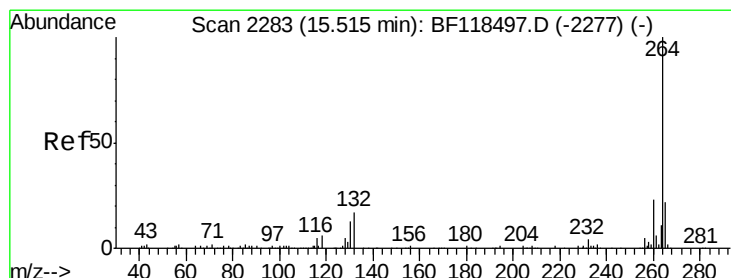
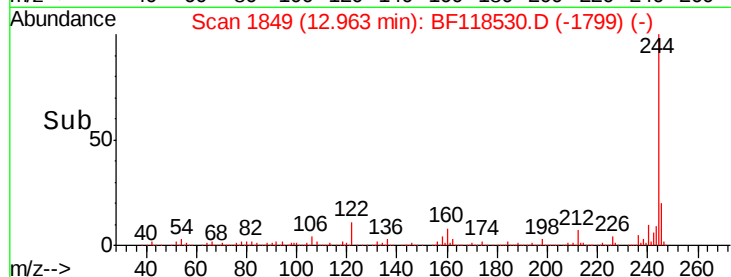
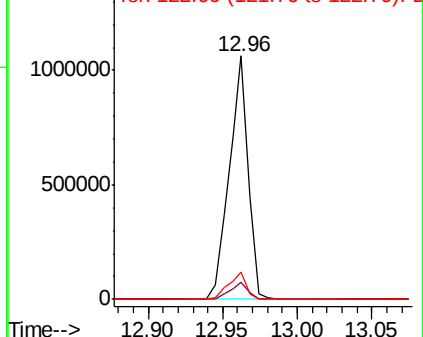
122 11.1 9.0 13.6



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF118530.D

Acq: 10 Jan 2020 22:27

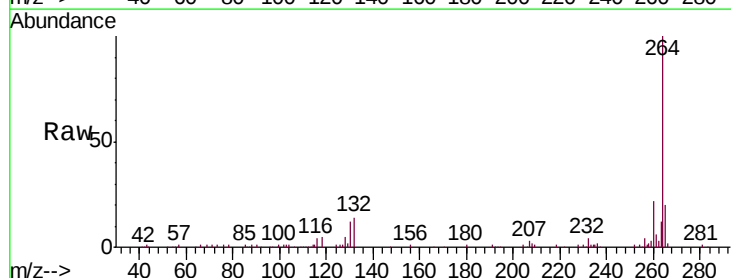
Tgt Ion:264 Resp: 160615

Ion Ratio Lower Upper

264 100

260 22.3 18.8 28.2

265 20.4 17.5 26.3



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

