

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120674.D
 Acq On : 19 Jun 2020 20:14
 Operator : JU/CG
 Sample : L3035-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-UNIVERSITY-SW-3

Quant Time: Jun 20 00:48:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

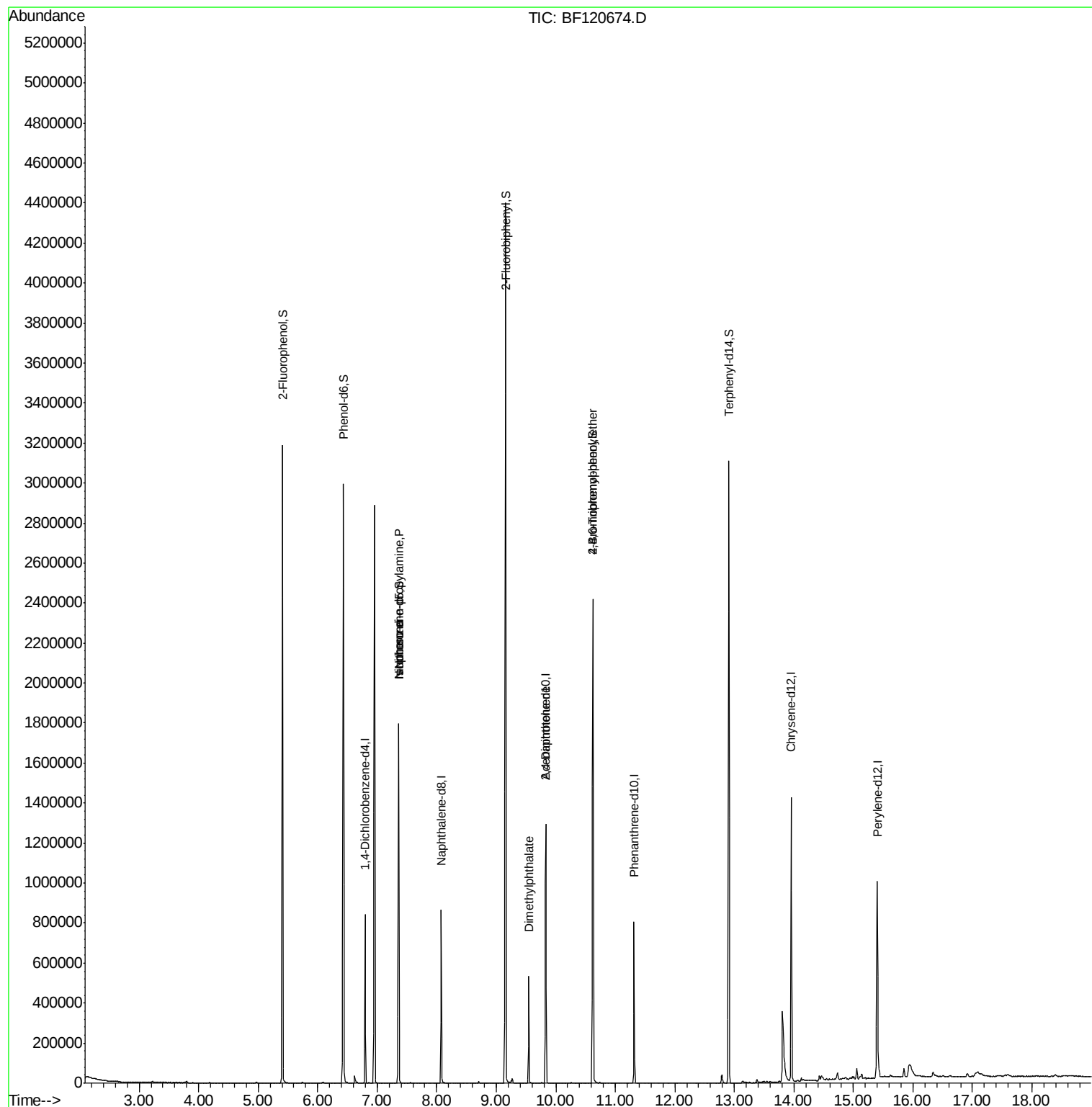
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128510	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	424685	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	252680	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	299533	20.00	ng	0.00
76) Chrysene-d12	13.96	240	460008	20.00	ng	0.00
86) Perylene-d12	15.40	264	484009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	922392	123.06	ng	0.00
7) Phenol-d6	6.43	99	1151490	123.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	611581	80.50	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	342714	116.66	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1419589	85.96	ng	0.00
79) Terphenyl-d14	12.91	244	1155003	55.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	80993	14.956	ng	# 74
25) Isophorone	7.36	82	608211	41.096	ng	# 62
50) Dimethylphthalate	9.55	163	213090	11.709	ng	99
57) 2,4-Dinitrotoluene	9.83	165	32367	5.914	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	19798	5.824	ng	# 1

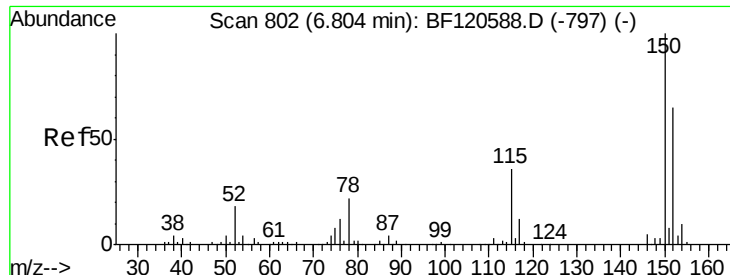
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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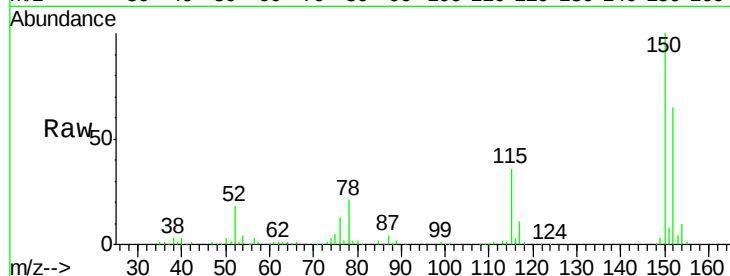


#1

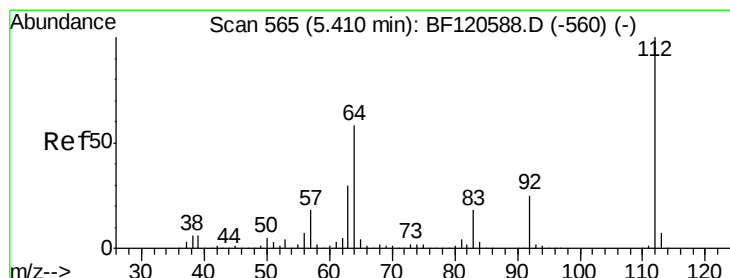
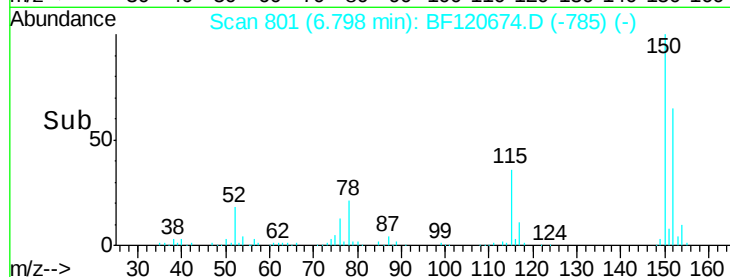
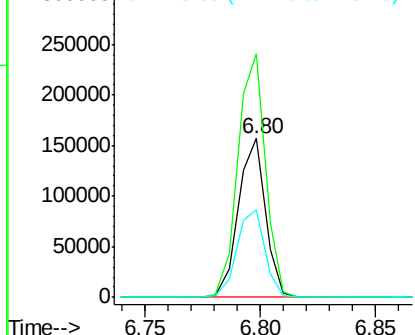
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
2-UNIVERSITY-SW-3

Tot Ion	152	Resp	128510
Ion Ratio	100	Lower	Upper
152	100		
150	153.5	123.2	184.8
115	55.3	43.9	65.9



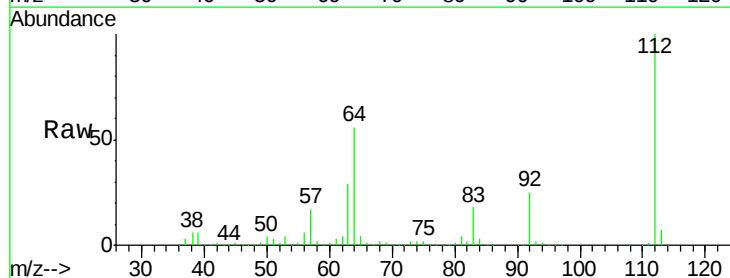
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



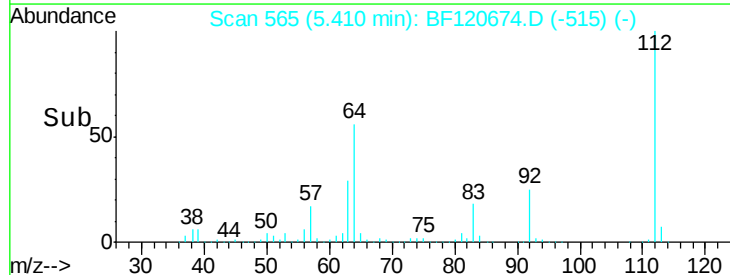
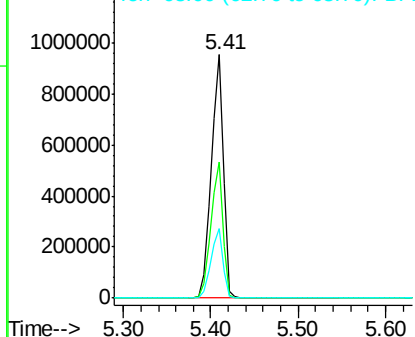
#5

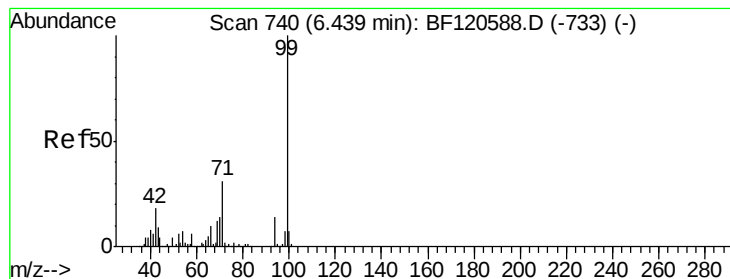
2-Fluorophenol
Concen: 123.056 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Tgt Ion	112	Resp	922392
Ion Ratio	100	Lower	Upper
112	100		
64	56.0	46.1	69.1
63	28.8	23.7	35.5



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: 123.341 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Instrument :

BNA_F

ClientSampleId :

2-UNIVERISTY-SW-3

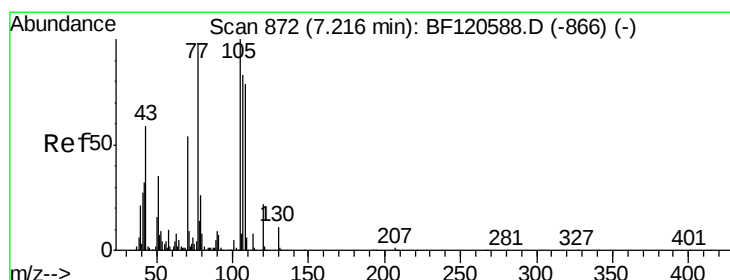
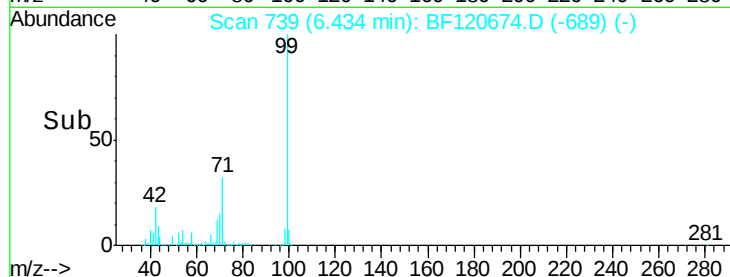
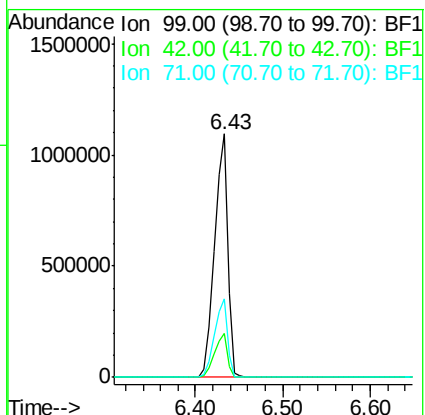
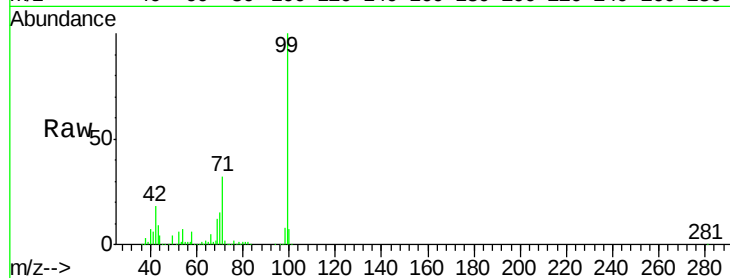
Tot Ion: 99 Resp: 1151490

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.956 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Tgt Ion: 70 Resp: 80993

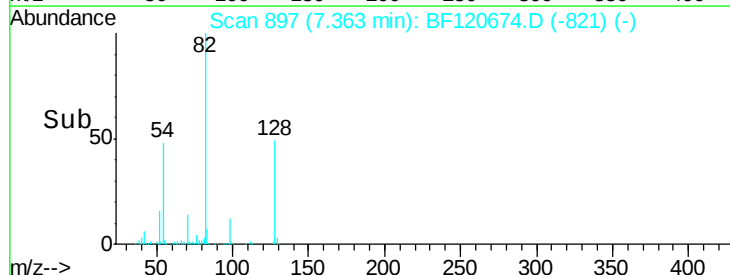
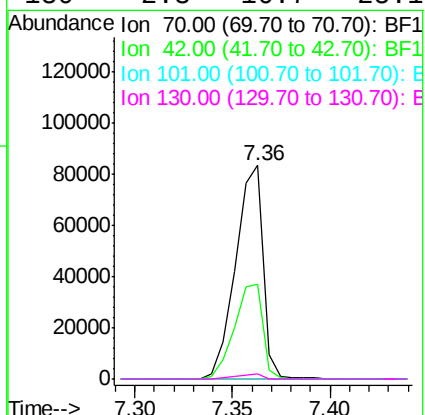
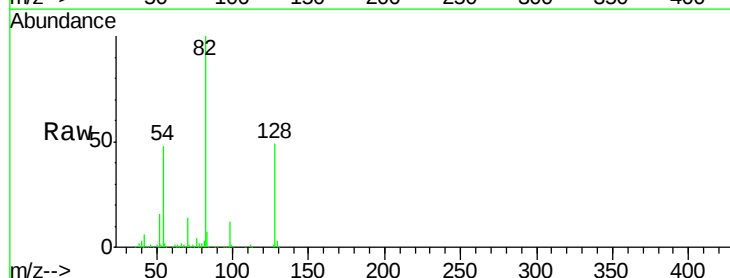
Ion Ratio Lower Upper

70 100

42 44.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

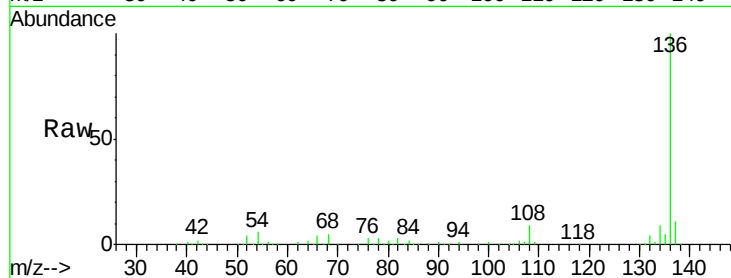




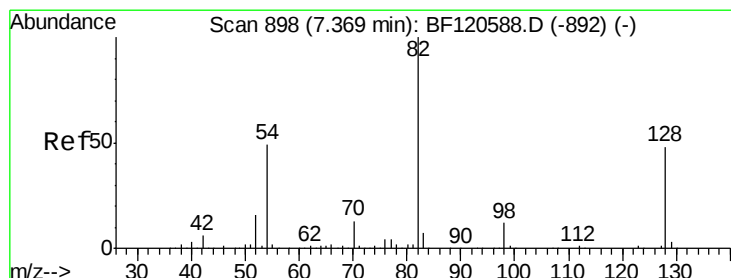
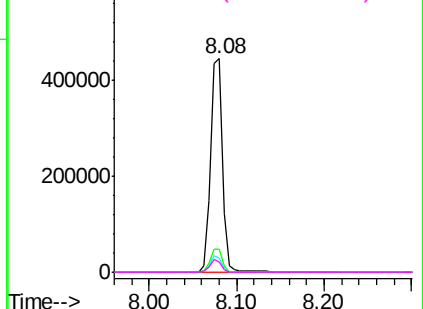
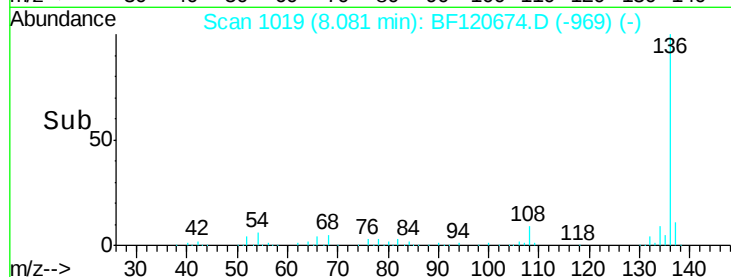
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
2-UNIVERSITY-SW-3

Tot Ion:136	Resp:	424685
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	6.3	5.8 8.6
68	5.0	4.4 6.6

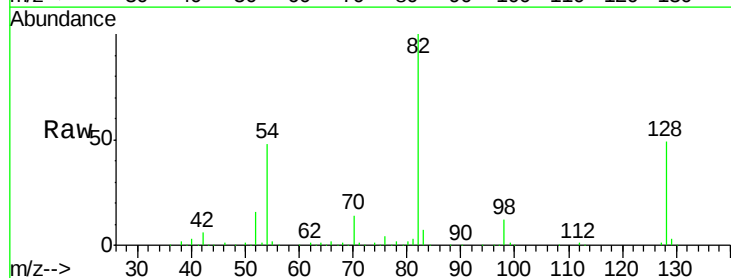


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

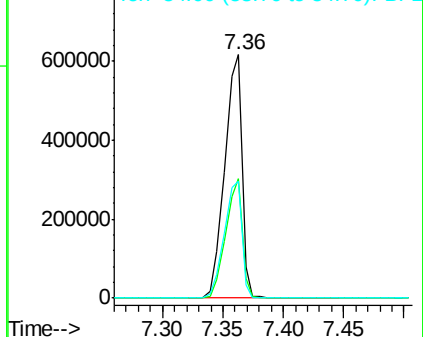
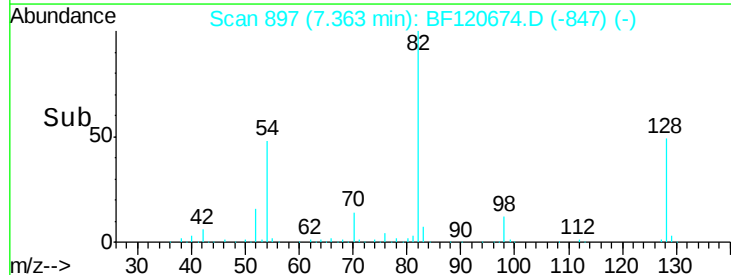


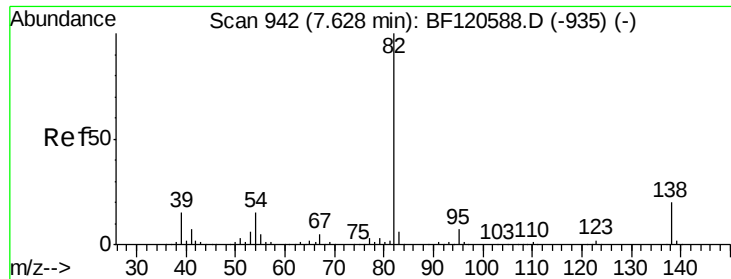
#23
Nitrobenzene-d5
Concen: 80.496 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Tgt Ion: 82	Resp:	611581
Ion Ratio	Lower	Upper
82	100	
128	49.3	38.0 57.0
54	47.9	38.8 58.2



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





#25

Isophorone

Concen: 41.096 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Instrument :

BNA_F

ClientSampleId :

2-UNIVERSITY-SW-3

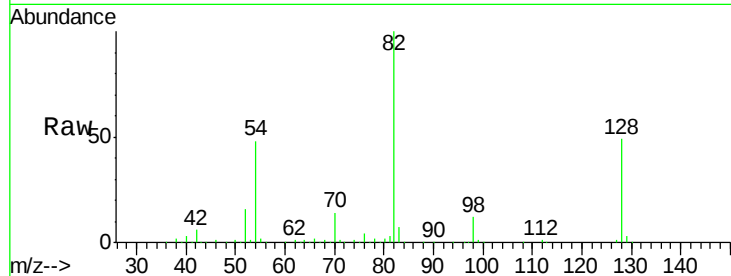
Tot Ion: 82 Resp: 608211

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

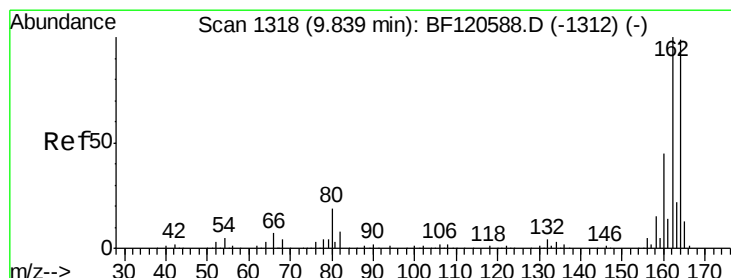
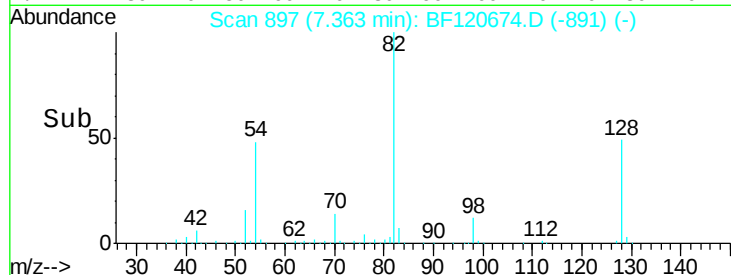
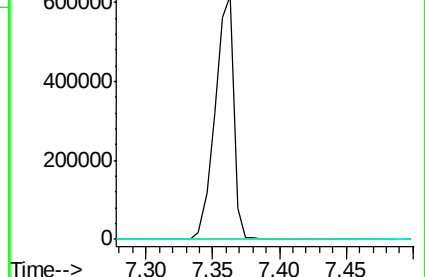
138 0.0 16.2 24.4#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

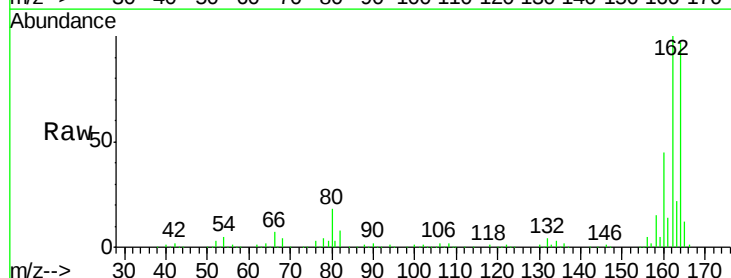
Tgt Ion: 164 Resp: 252680

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

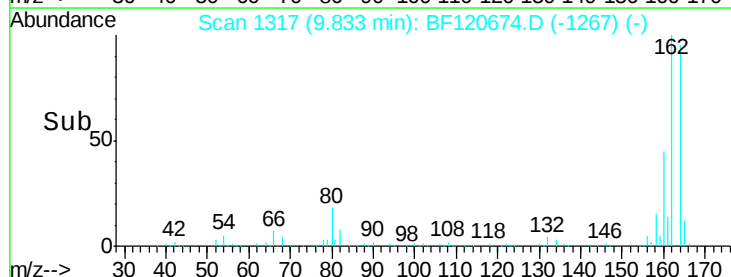
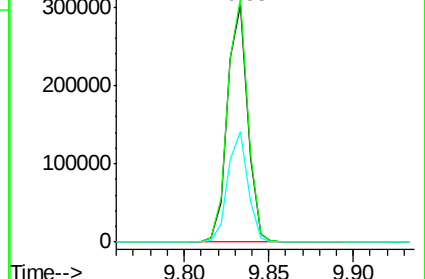
160 46.5 36.2 54.2

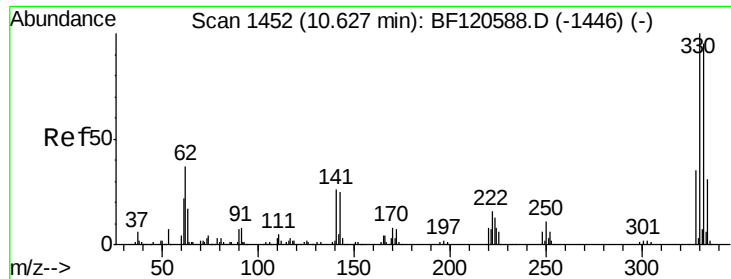


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

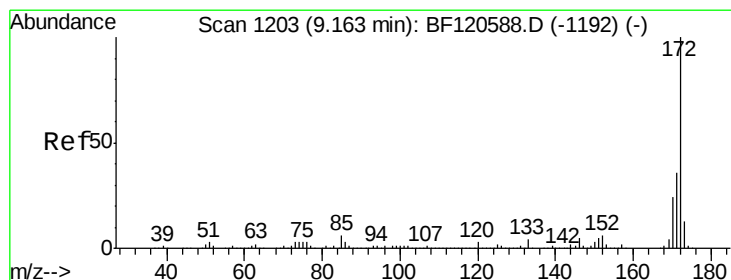
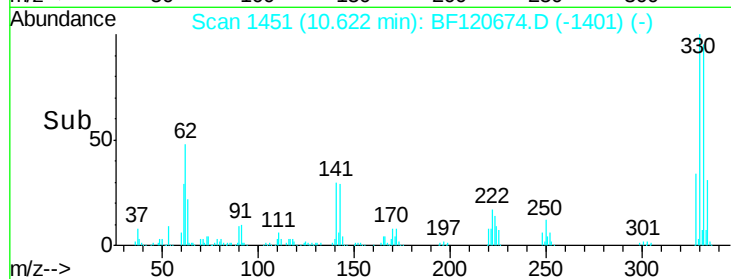
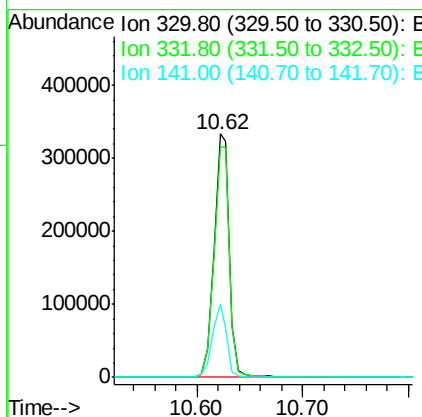
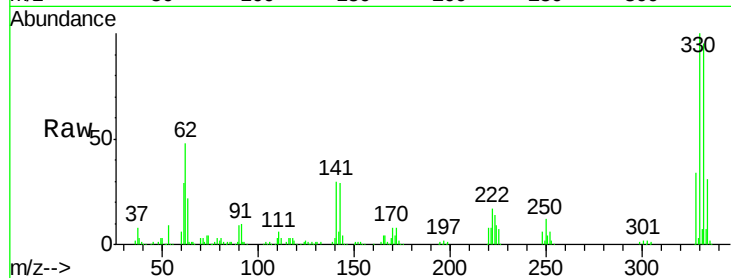




#42
 2,4,6-Tribromophenol
 Concen: 116.658 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120674.D
 Acq: 19 Jun 2020 20:14

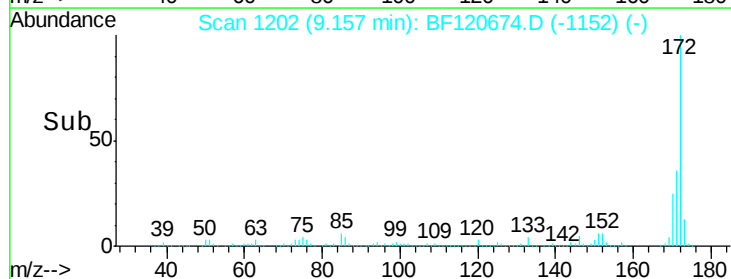
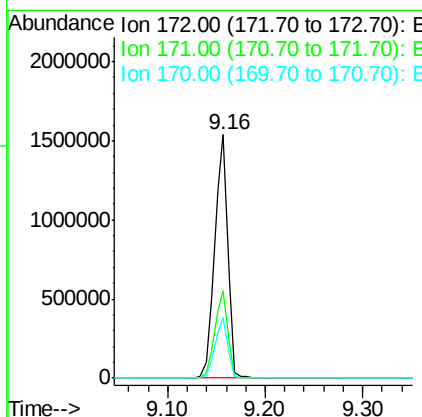
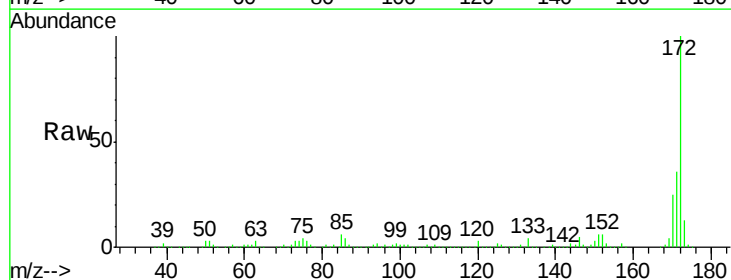
Instrument :
 BNA_F
 ClientSampleId :
 2-UNIVERISTY-SW-3

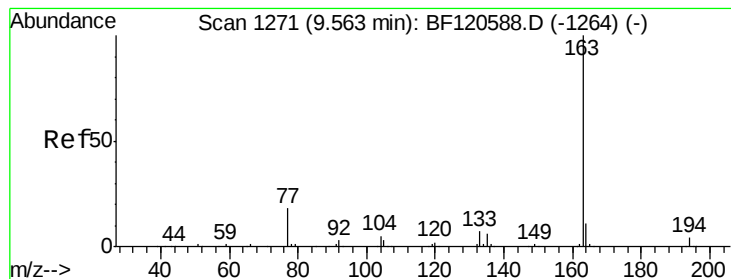
Tot Ion:330 Resp: 342714
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 27.9 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 85.957 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120674.D
 Acq: 19 Jun 2020 20:14

Tgt Ion:172 Resp: 1419589
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.7 19.4 29.2





#50

Dimethylphthalate

Concen: 11.709 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Instrument :

BNA_F

ClientSampleId :

2-UNIVERSITY-SW-3

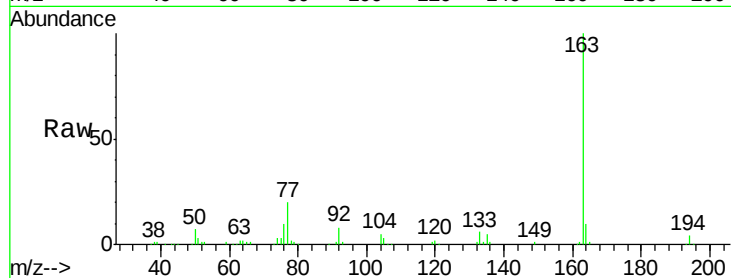
Tot Ion:163 Resp: 213090

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

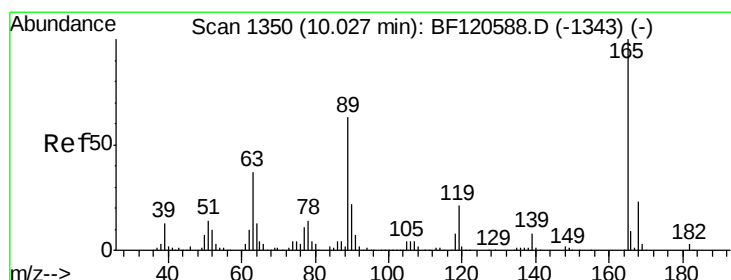
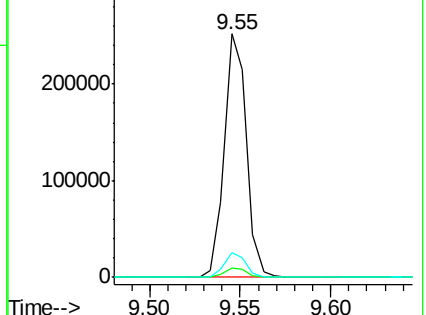
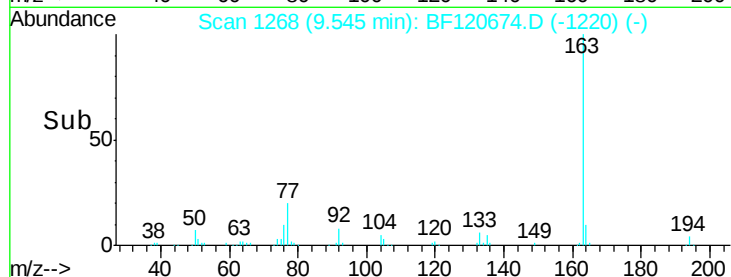
164 10.3 8.5 12.7



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: 5.914 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Tgt Ion:165 Resp: 32367

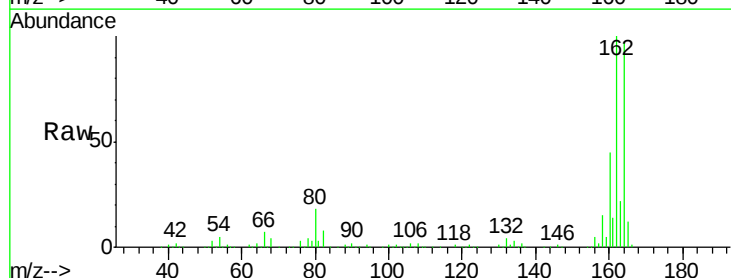
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 0.9 50.4 75.6#

182 0.0 2.1 3.1#

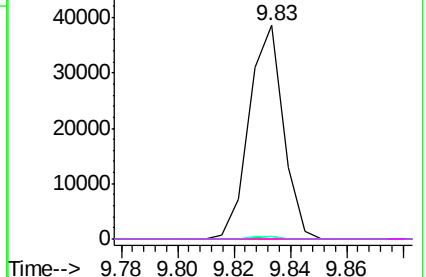
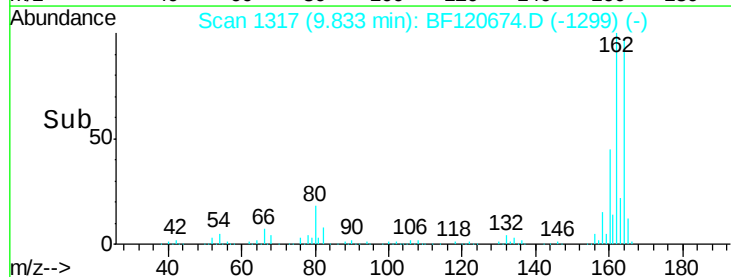


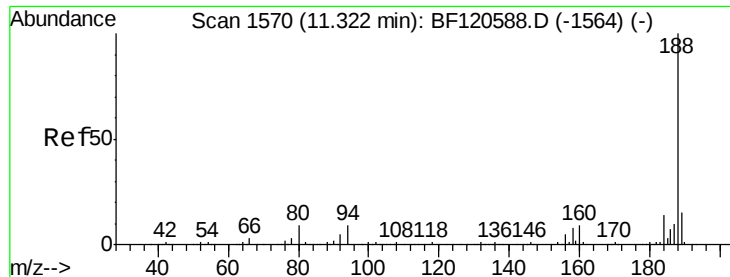
Abundance Ion 165.00 (164.70 to 165.70): E

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

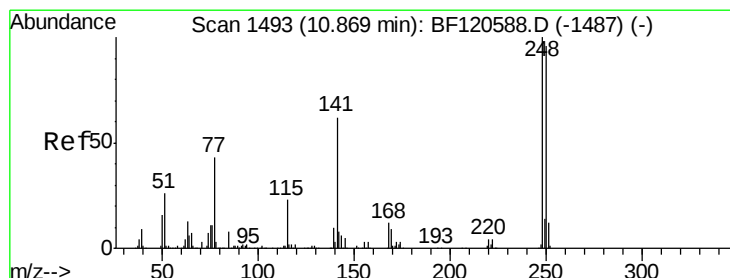
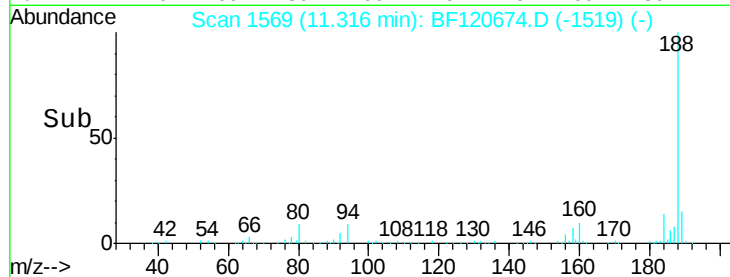
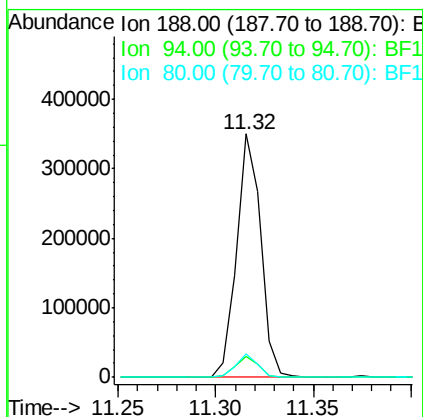
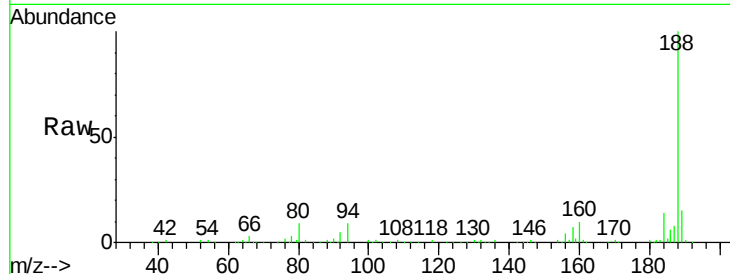




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

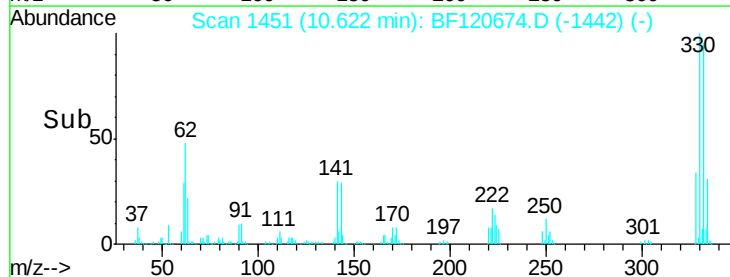
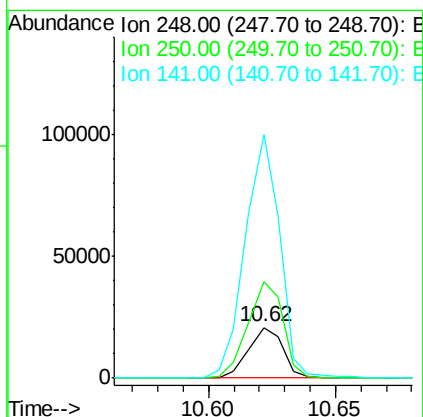
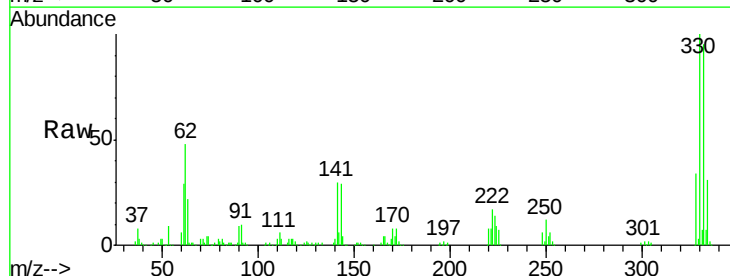
Instrument :
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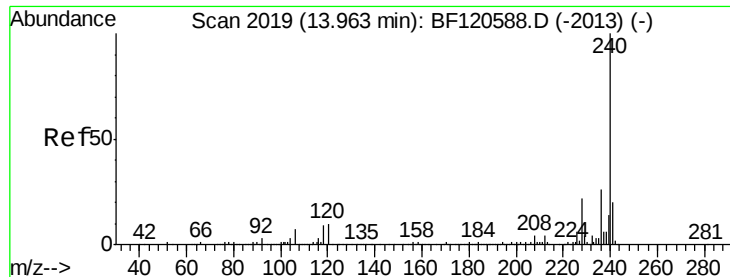
Tot Ion:188 Resp: 299533
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.4 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 5.824 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Tgt Ion:248 Resp: 19798
Ion Ratio Lower Upper
248 100
250 192.5 76.7 115.1#
141 483.8 49.4 74.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

Instrument :

BNA_F

ClientSampleId :

2-UNIVERSITY-SW-3

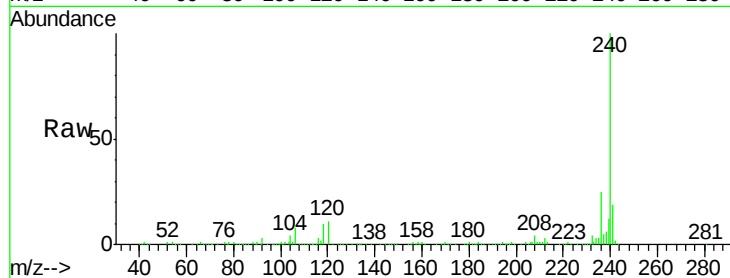
Tot Ion:240 Resp: 460008

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

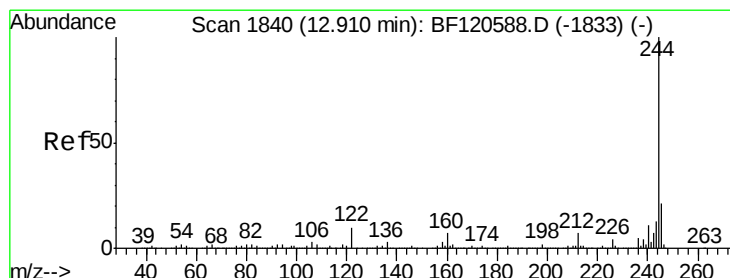
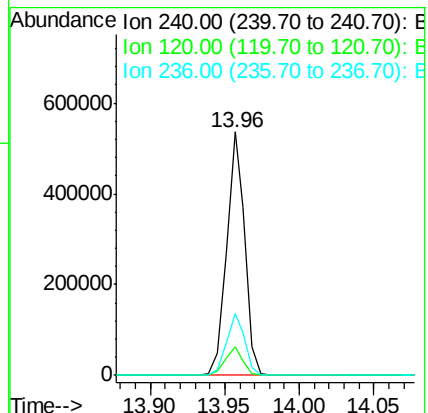
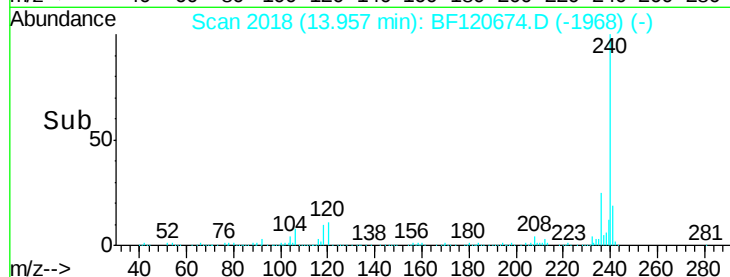
236 25.5 21.0 31.4



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: 55.461 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120674.D

Acq: 19 Jun 2020 20:14

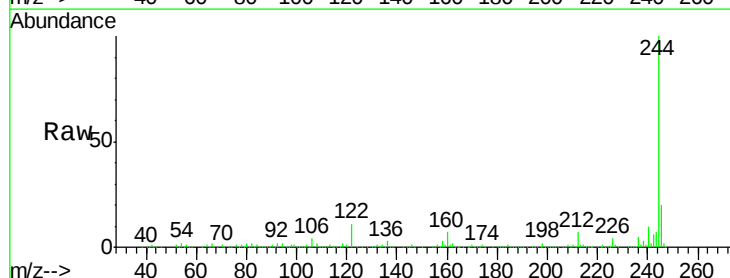
Tgt Ion:244 Resp: 1155003

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

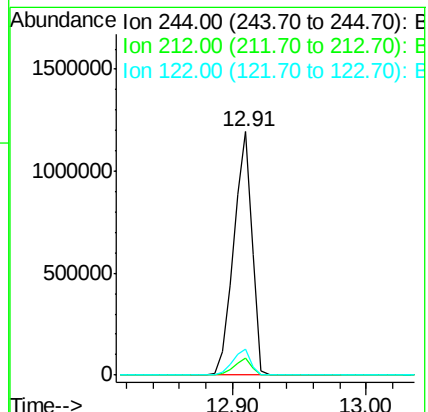
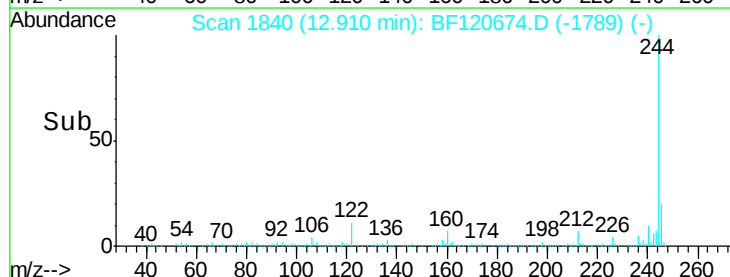
122 10.8 8.3 12.5

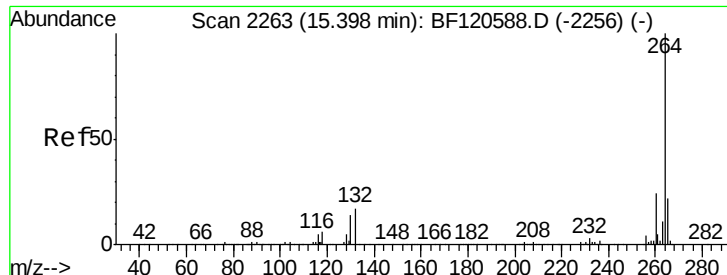


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



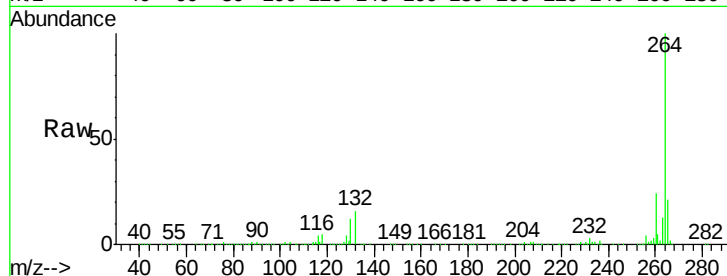


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120674.D
Acq: 19 Jun 2020 20:14

Instrument :
BNA_F
ClientSampleId :
2-UNIVERISTY-SW-3

Tot Ion:264 Resp: 484009

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.4	17.8	26.8



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

