

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121674.D
 Acq On : 23 Sep 2020 19:23
 Operator : JU/CG
 Sample : L3870-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-092220

Quant Time: Sep 24 00:24:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

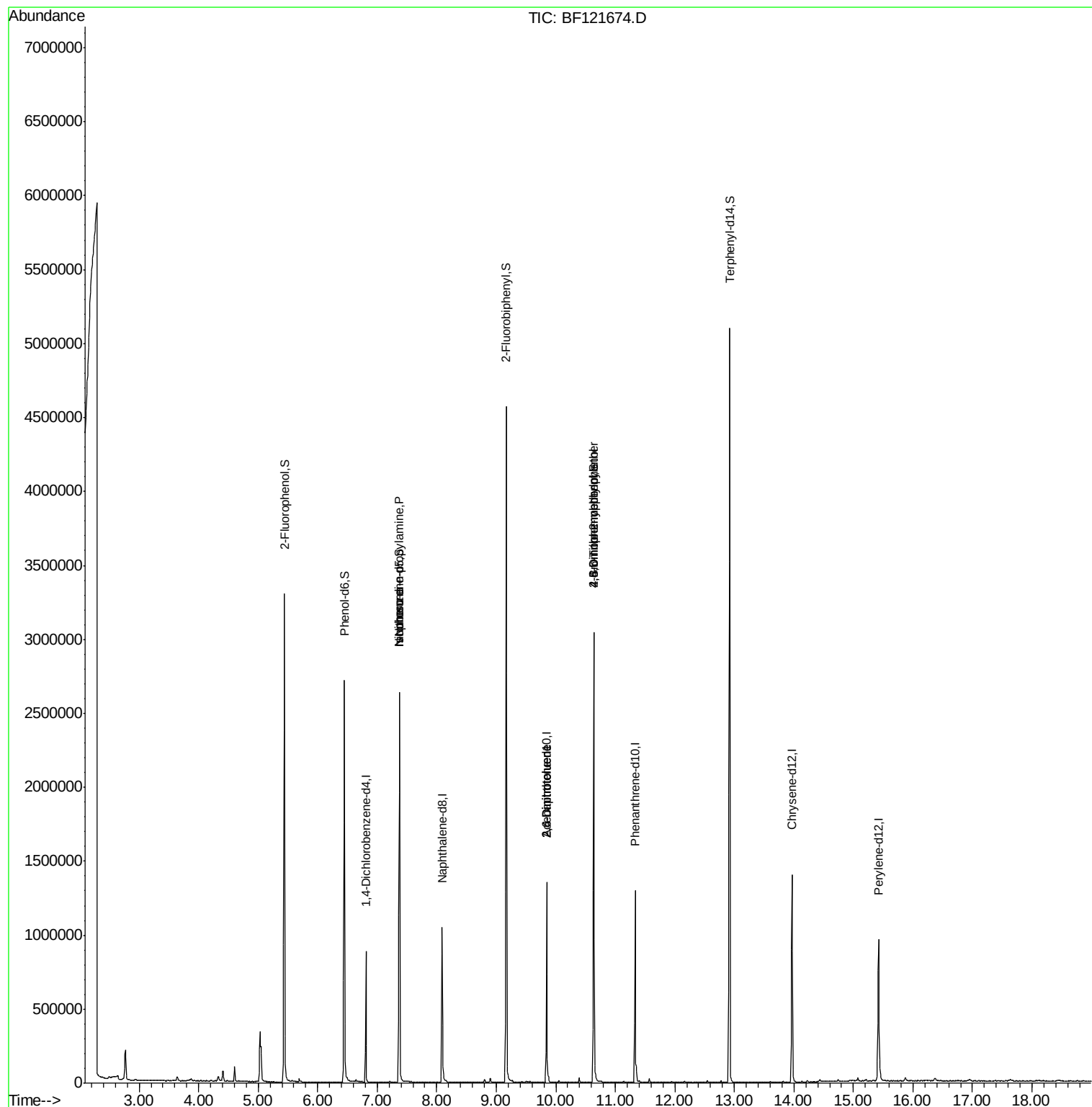
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128972	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	505927	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	264050	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	519257	20.00	ng	0.00
76) Chrysene-d12	13.97	240	506519	20.00	ng	-0.01
86) Perylene-d12	15.42	264	479385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	916438	105.60	ng	0.01
7) Phenol-d6	6.45	99	1045150	91.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	893482	94.82	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	446642	136.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1553548	89.11	ng	0.00
79) Terphenyl-d14	12.92	244	1949924	77.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	121795	18.561	ng	# 78
25) Isophorone	7.37	82	885806	46.700	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	33732	8.276	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	33732	6.579	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	667	7.032	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25768	4.359	ng	# 1

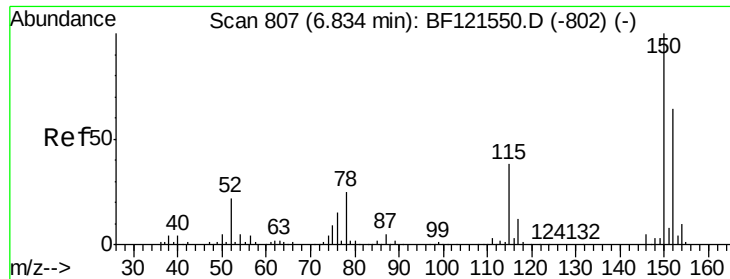
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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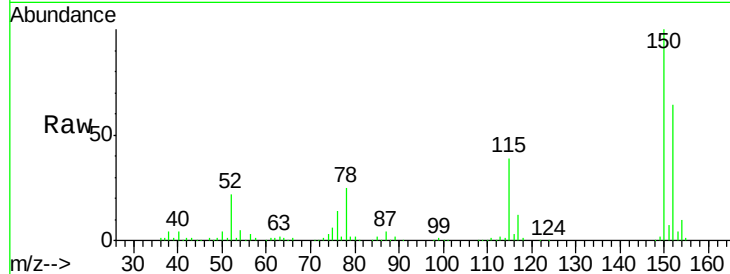


#1

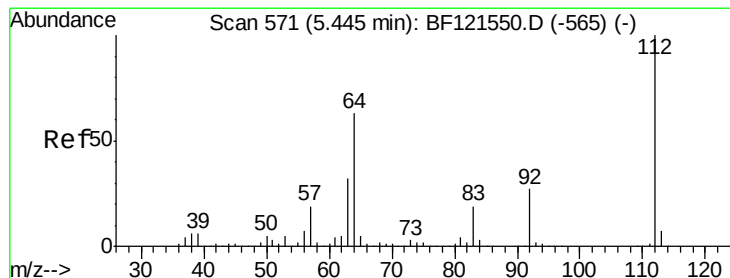
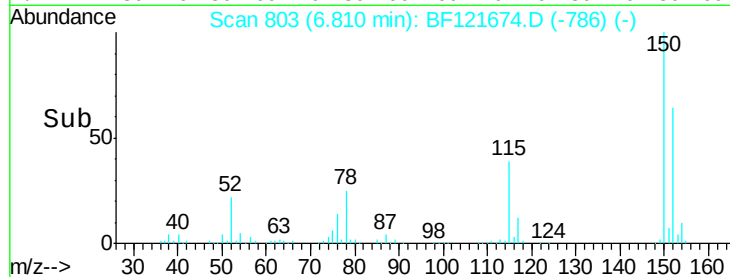
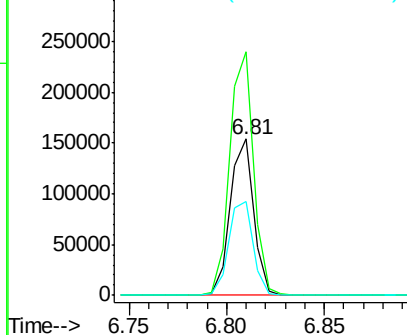
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Instrument :
BNA_F
ClientSampleId :
SU-02-092220

Tot Ion:152 Resp: 128972
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 60.2 52.6 79.0



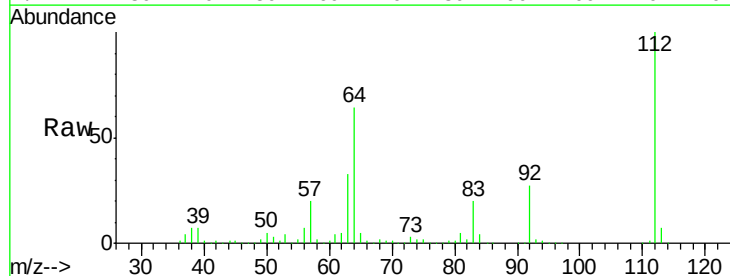
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



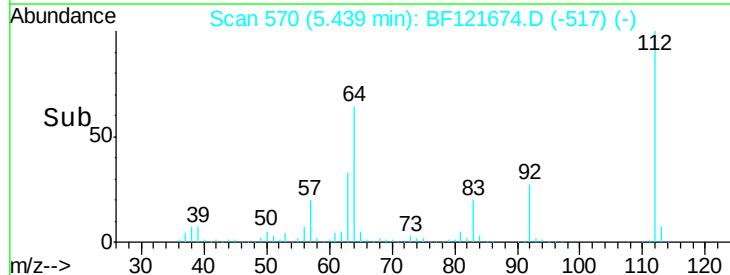
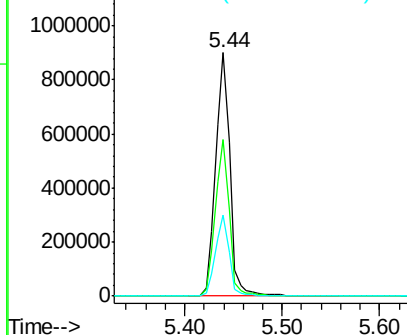
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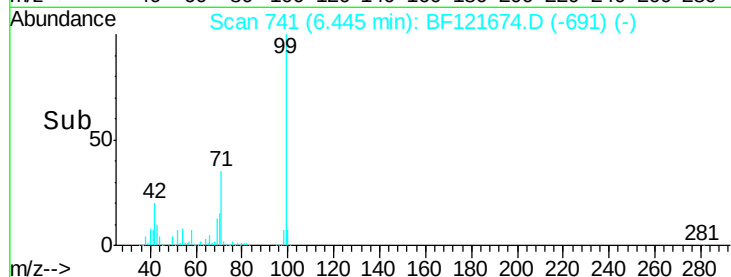
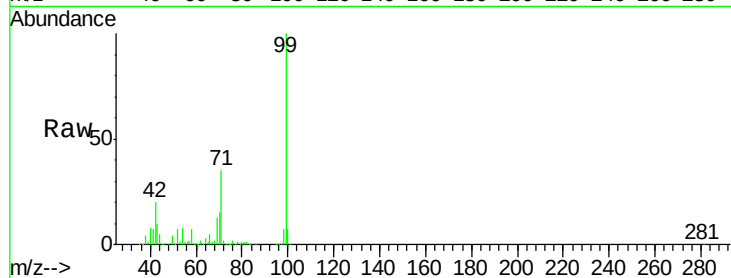
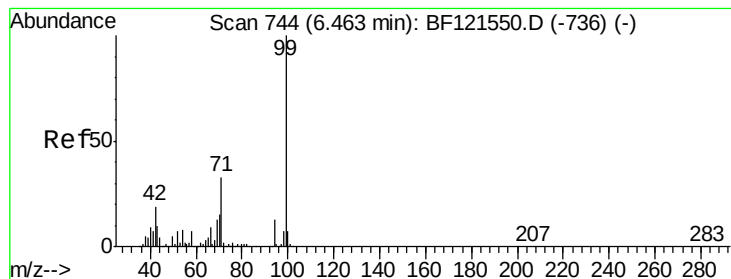
2-Fluorophenol
Concen: 105.600 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion:112 Resp: 916438
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.0 26.6 39.8



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: 91.796 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

SU-02-092220

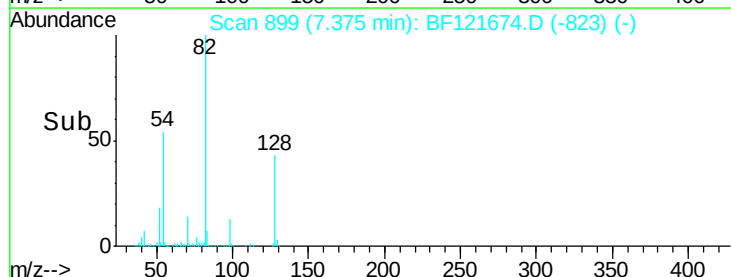
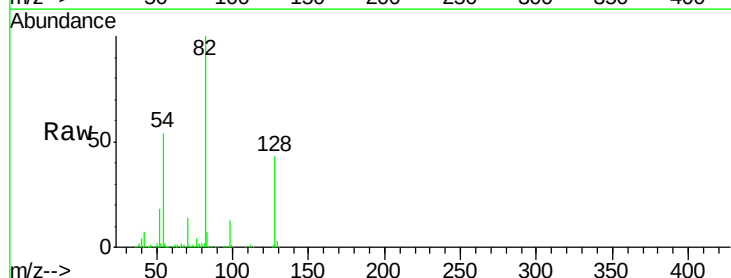
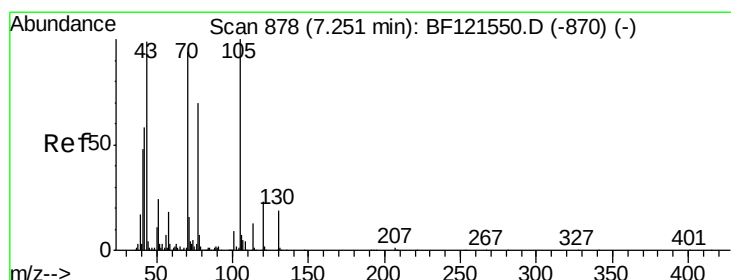
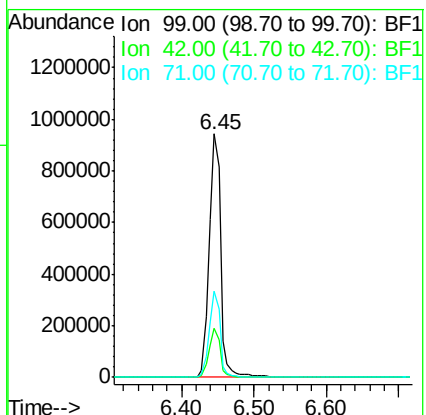
Tot Ion: 99 Resp: 1045150

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

71 35.1 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.561 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Tgt Ion: 70 Resp: 121795

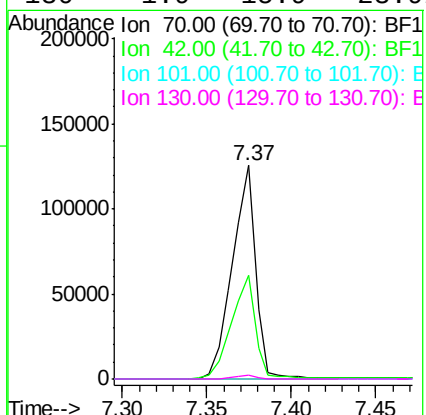
Ion Ratio Lower Upper

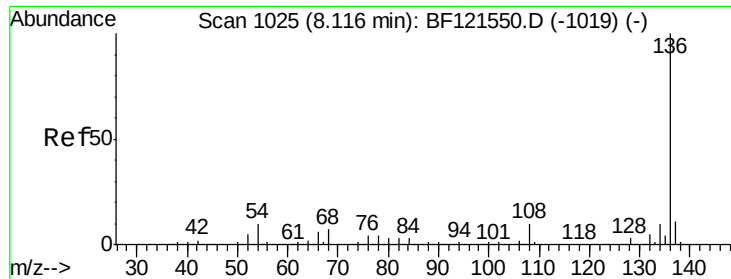
70 100

42 48.3 48.3 72.5#

101 0.0 7.6 11.4#

130 1.9 15.9 23.9#

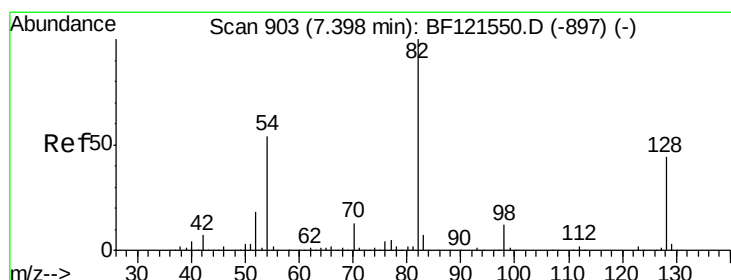
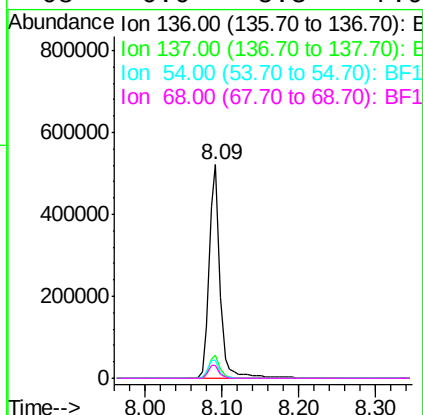
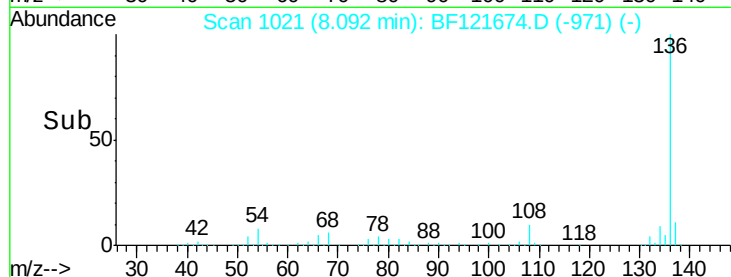
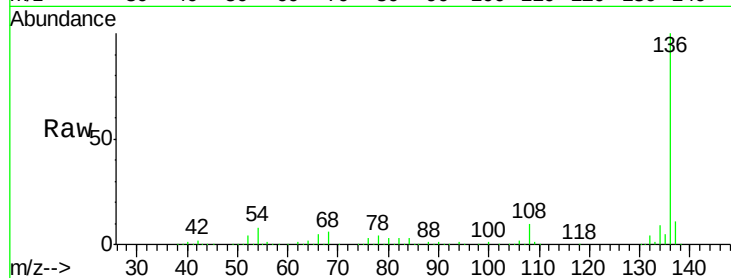




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

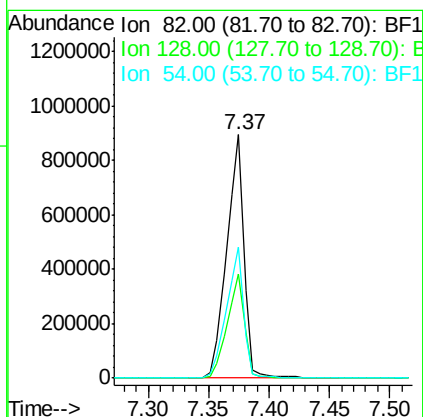
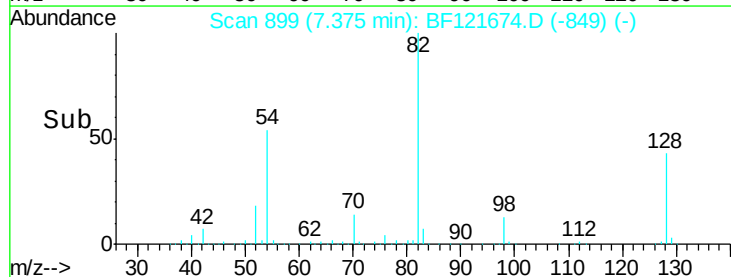
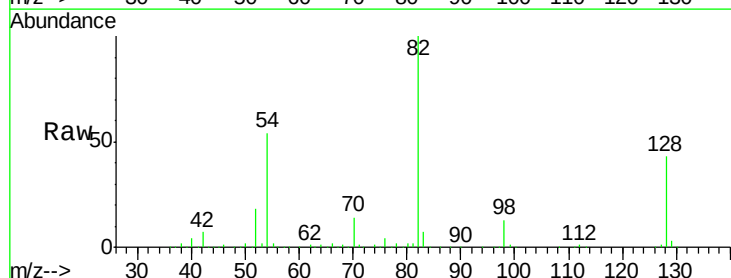
Instrument :
BNA_F
ClientSampleId :
SU-02-092220

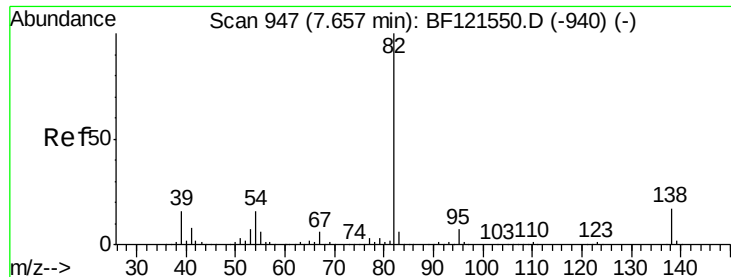
Tot Ion:136	Resp:	505927
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	8.3	7.4 11.0
68	6.0	5.3 7.9



#23
Nitrobenzene-d5
Concen: 94.821 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion: 82	Resp:	893482
Ion	Ratio	Lower Upper
82	100	
128	42.7	33.9 50.9
54	53.6	42.9 64.3

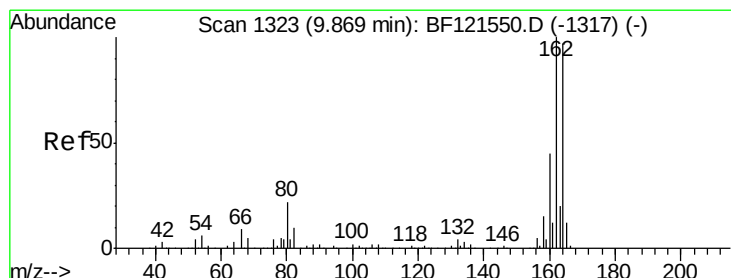
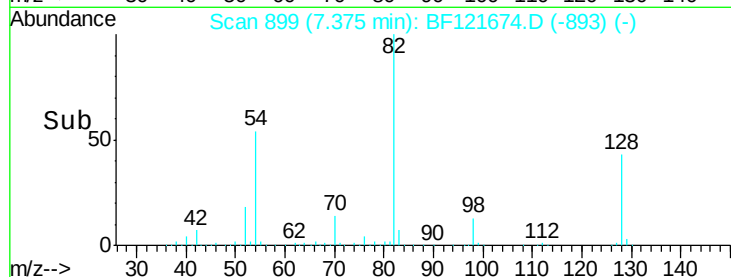
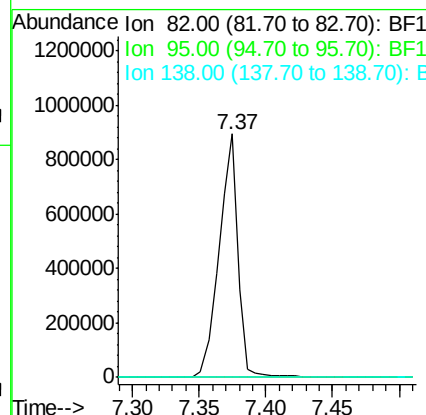
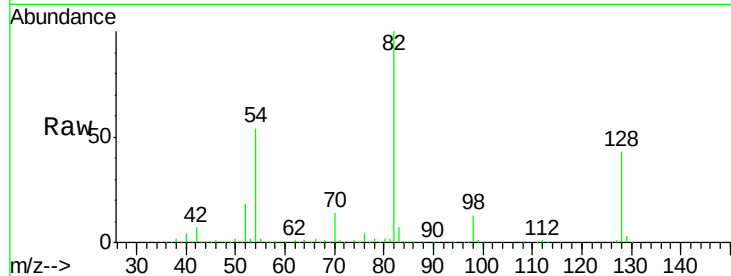




#25
Isophorone
Concen: 46.700 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

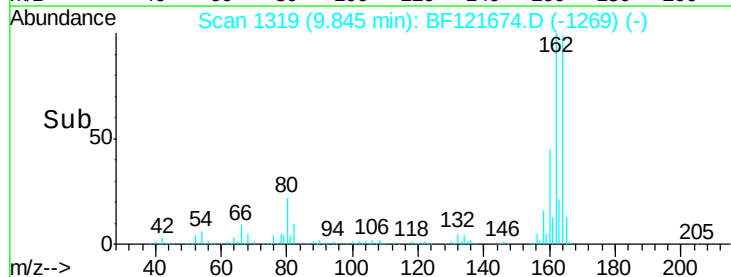
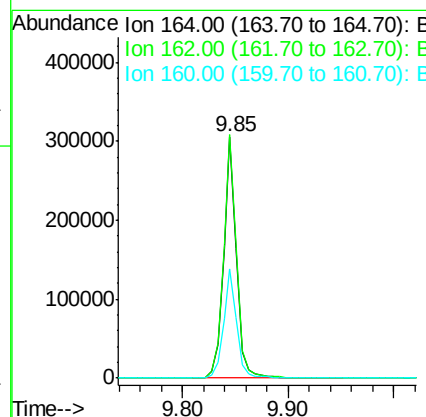
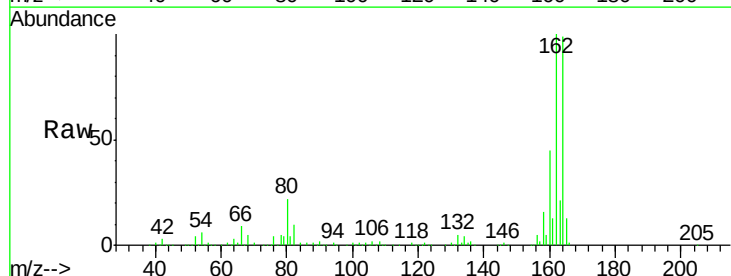
Instrument :
BNA_F
ClientSampleId :
SU-02-092220

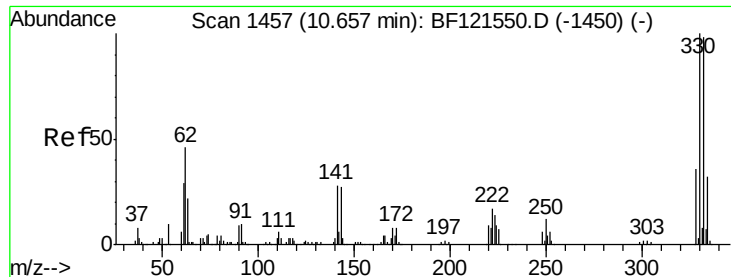
Tot Ion: 82 Resp: 885806
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion: 164 Resp: 264050
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.2 36.2 54.4

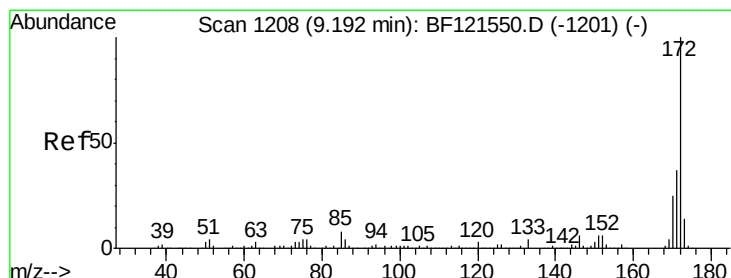
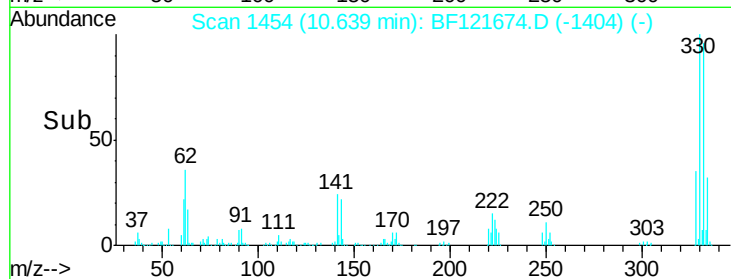
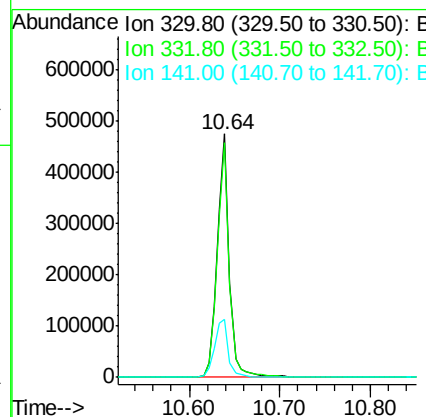
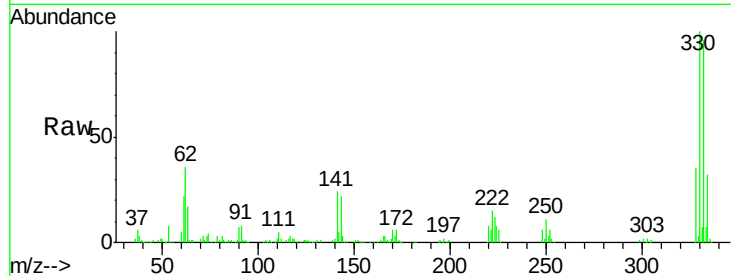




#42
 2,4,6-Tribromophenol
 Concen: 136.097 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

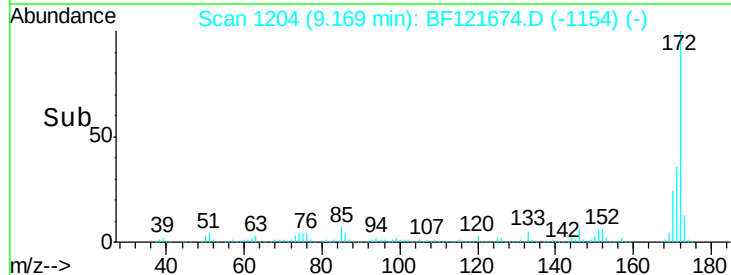
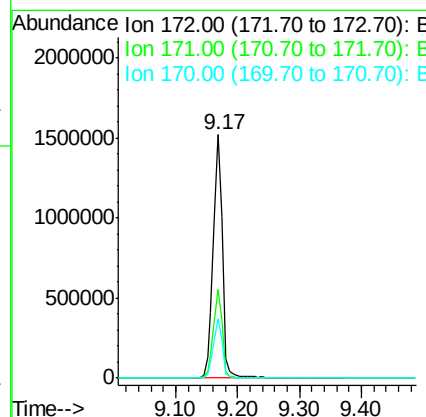
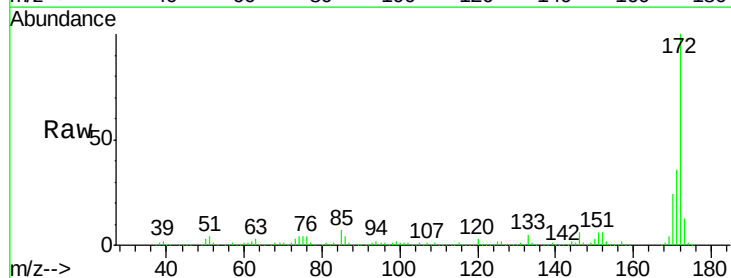
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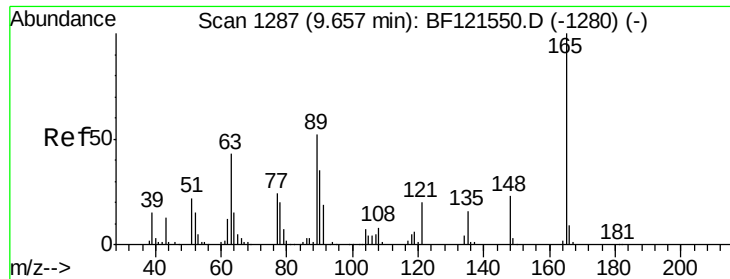
Tot Ion:330 Resp: 446642
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 27.8 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 89.108 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

Tgt Ion:172 Resp: 1553548
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.3 19.5 29.3

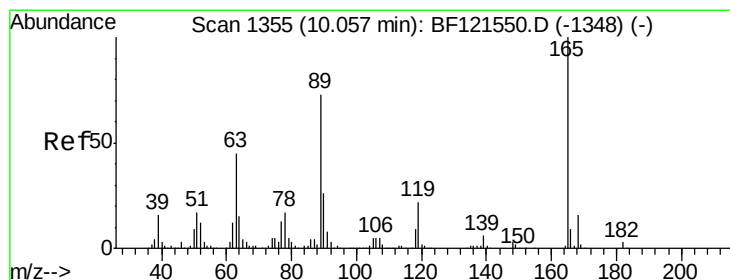
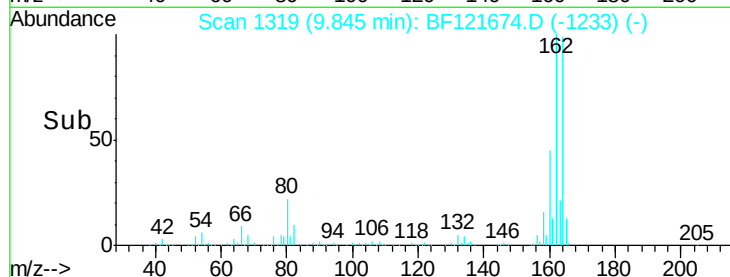
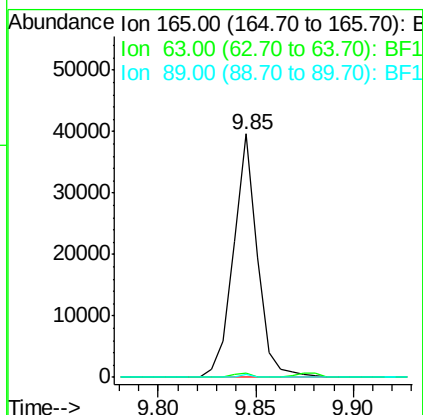
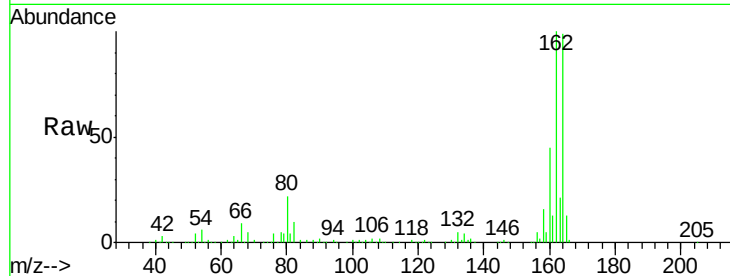




#51
 2,6-Dinitrotoluene
 Concen: 8.276 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

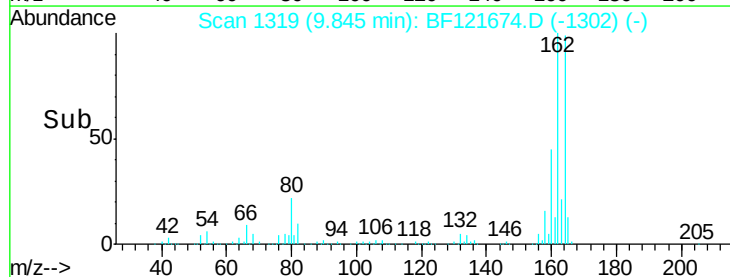
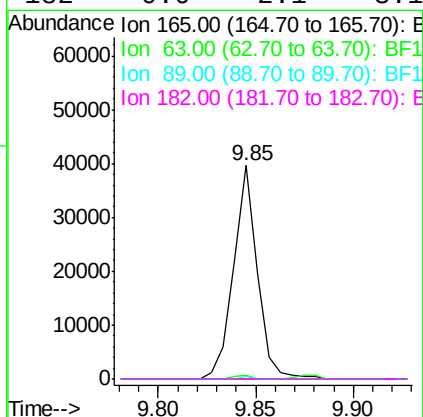
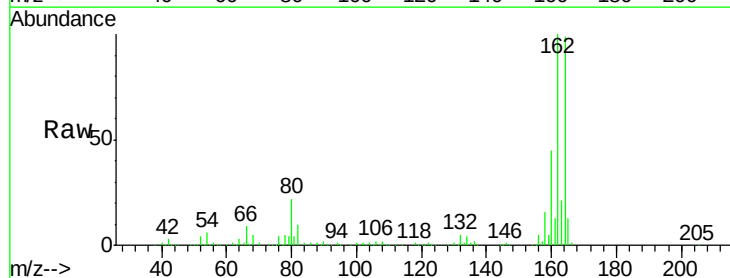
Instrument :
 BNA_F
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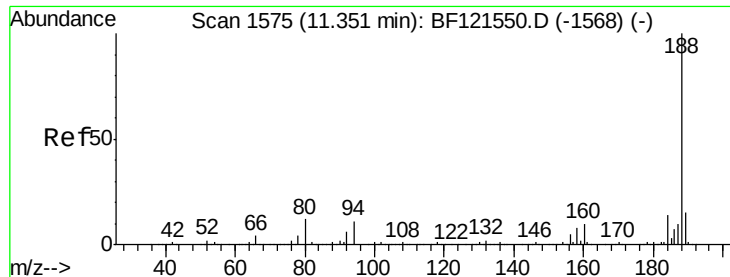
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.6	71.4#
89	1.4	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.579 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.4	57.7	86.5#
182	0.0	2.1	3.1#

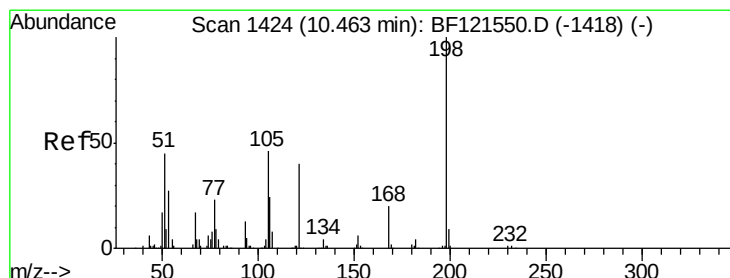
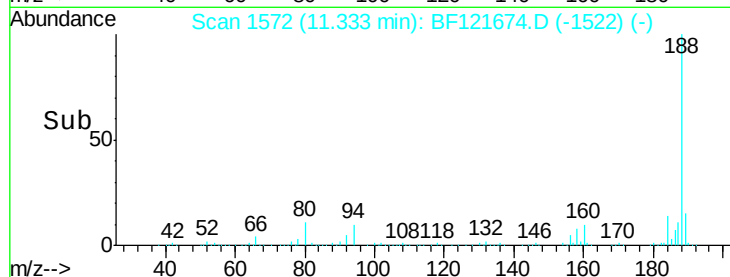
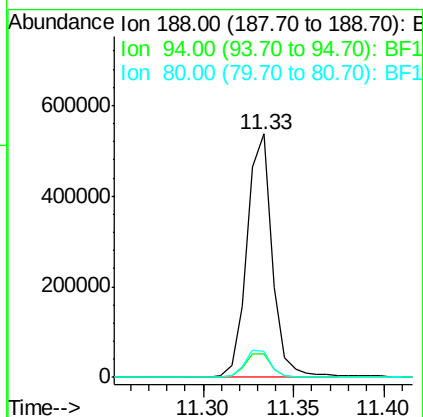
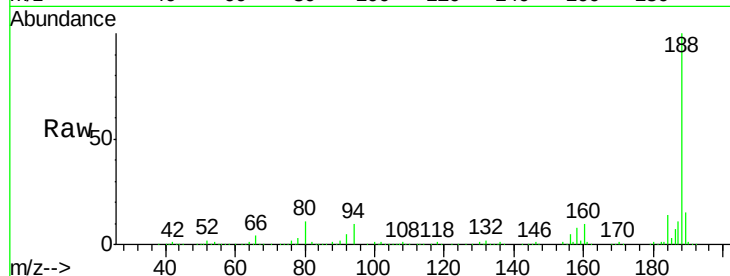




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

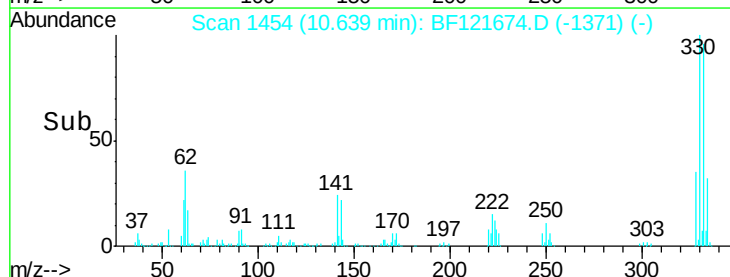
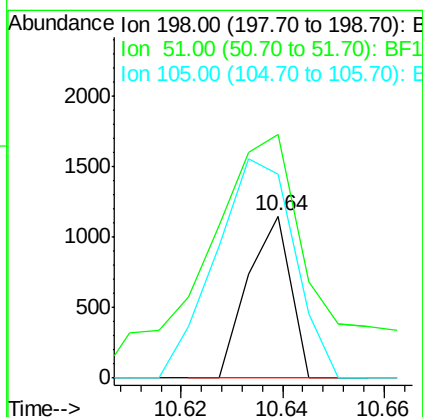
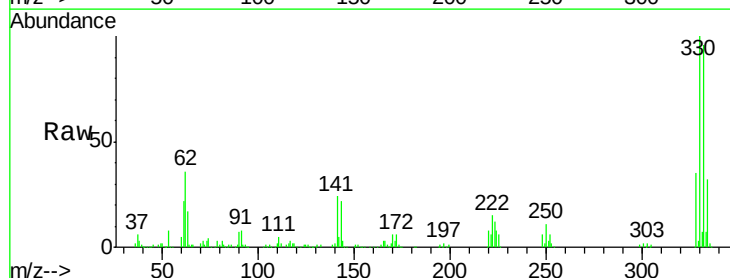
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-092220

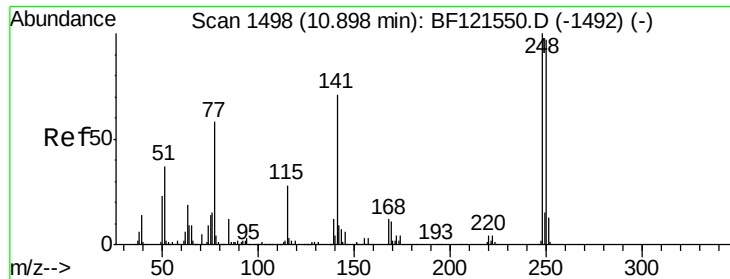
Tot Ion:188	Resp:	519257
Ion	Ratio	Lower Upper
188	100	
94	9.7	8.4 12.6
80	10.5	9.0 13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.032 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121674.D
 Acq: 23 Sep 2020 19:23

Tgt Ion:198	Resp:	667
Ion	Ratio	Lower Upper
198	100	
51	150.5	20.3 60.3#
105	126.0	20.2 60.2#

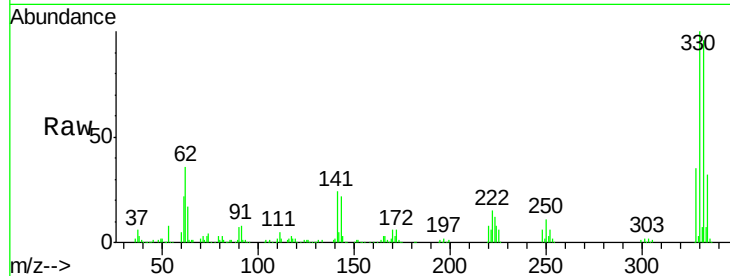




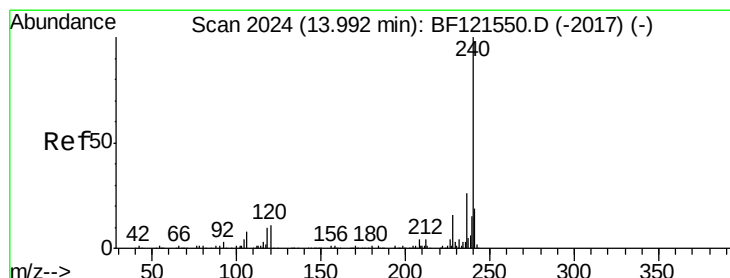
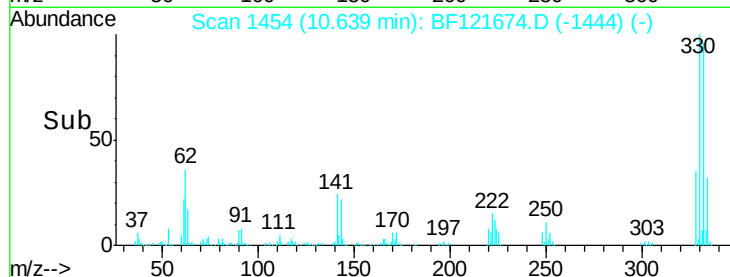
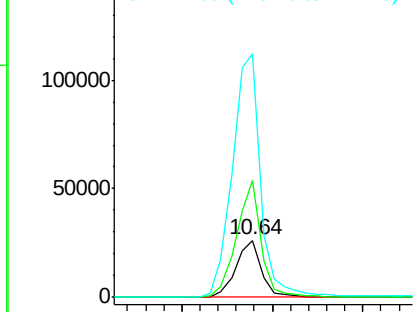
#67
4-Bromophenyl-phenylether
Concen: 4.359 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Instrument :
BNA_F
ClientSampleId :
SU-02-092220

Tot Ion:248 Resp: 25768
Ion Ratio Lower Upper
248 100
250 204.3 79.4 119.0#
141 427.8 52.2 78.4#

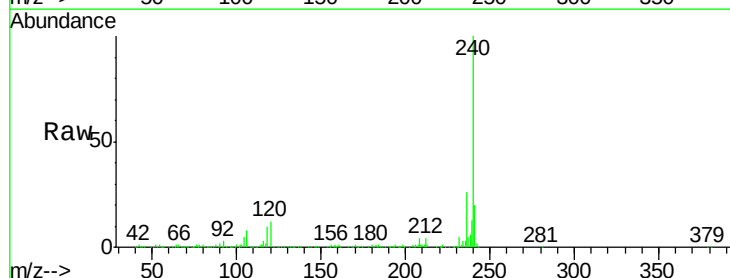


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

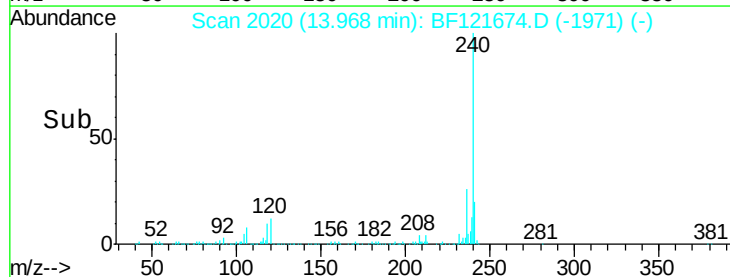
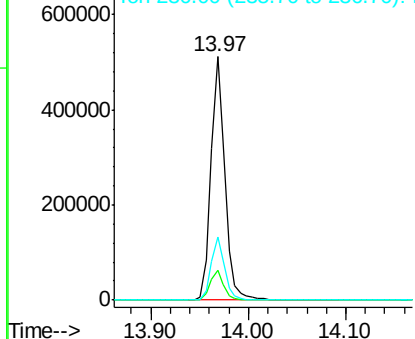


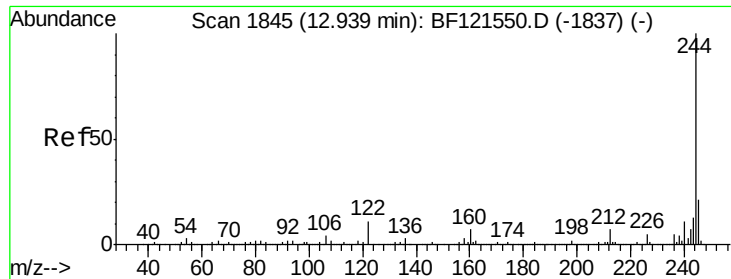
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion:240 Resp: 506519
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.9 20.4 30.6



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: 77.990 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

SU-02-092220

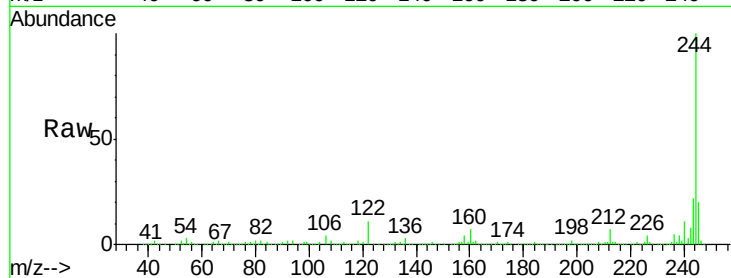
Tot Ion:244 Resp: 1949924

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

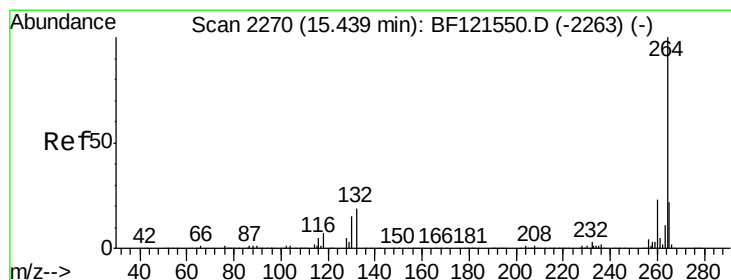
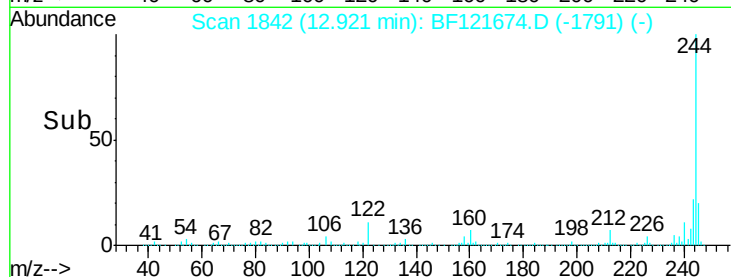
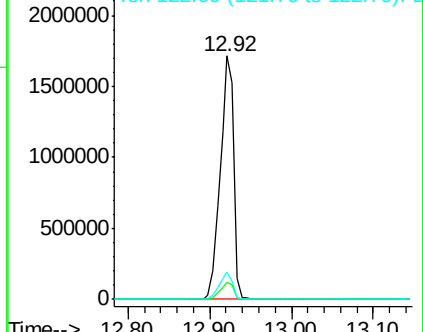
122 11.0 7.4 11.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

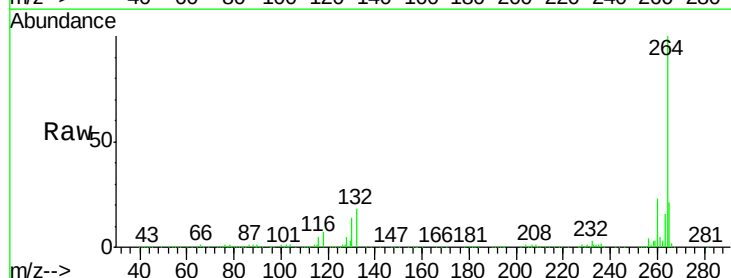
Tgt Ion:264 Resp: 479385

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.0 17.3 25.9



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

