

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020122\
 Data File : BF126776.D
 Acq On : 01 Feb 2022 16:11
 Operator : CG/JU
 Sample : N1340-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 04:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

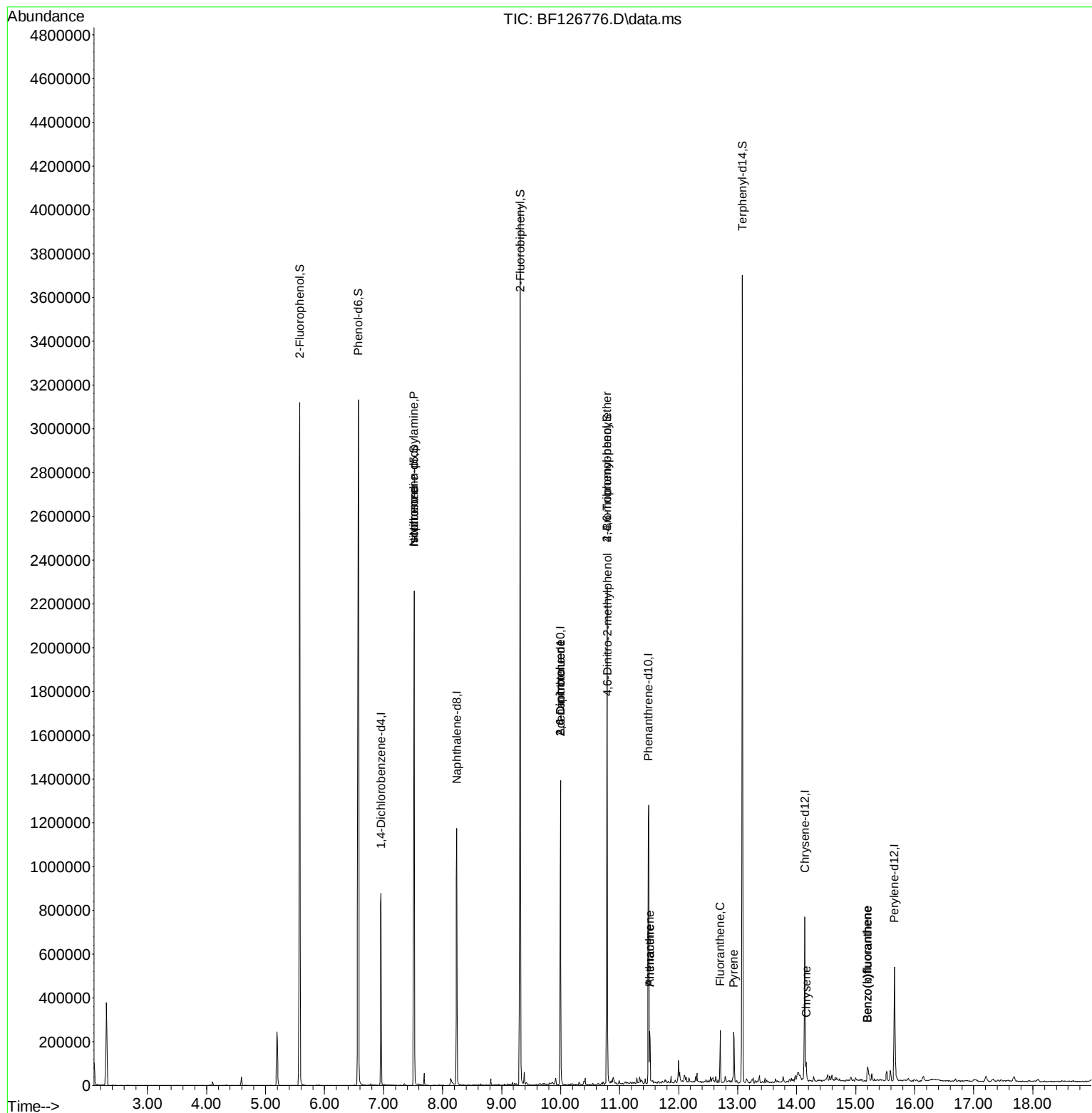
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	120386	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	468485	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	262650	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	444815	20.000	ng	0.00
76) Chrysene-d12	14.139	240	255312	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	236467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	871475	95.258	ng	0.01
7) Phenol-d6	6.575	99	1207605	95.006	ng	0.00
23) Nitrobenzene-d5	7.516	82	899148	75.122	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258890	105.326	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1172882	68.390	ng	0.00
79) Terphenyl-d14	13.080	244	1176344	77.280	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	413	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.516	70	119182	12.847	ng	# 68
25) Isophorone	7.516	82	892039	38.430	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	32775	10.182	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	32775	8.402	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	550	7.591	ng	# 16
67) 4-Bromophenyl-phenylether	10.786	248	16222	3.164	ng	# 1
71) Phenanthrene	11.510	178	75882	2.986	ng	99
72) Anthracene	11.510	178	75882	2.976	ng	98
75) Fluoranthene	12.704	202	78619	3.132	ng	98
78) Pyrene	12.933	202	87215	4.224	ng	97
83) Chrysene	14.163	228	33773	2.023	ng	96
88) Benzo(b)fluoranthene	15.204	252	47550	3.032	ng	# 93
89) Benzo(k)fluoranthene	15.204	252	47550	3.088	ng	# 93

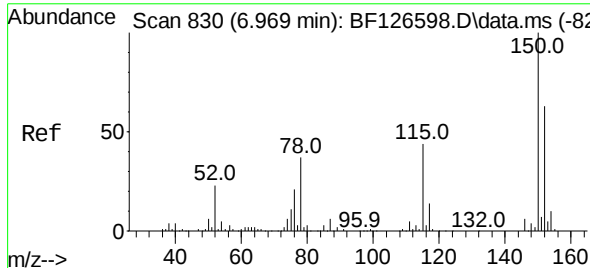
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.957 min Scan# 830

Delta R.T. 0.000 min

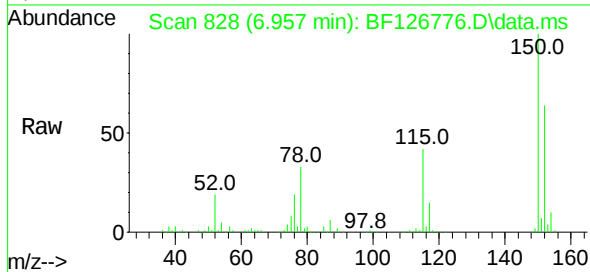
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :



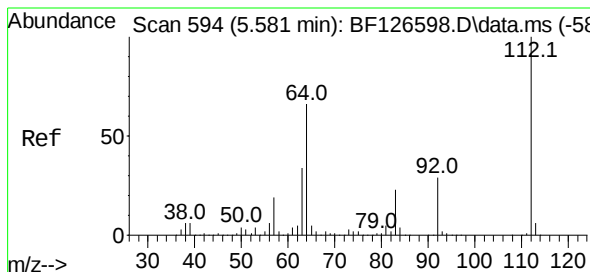
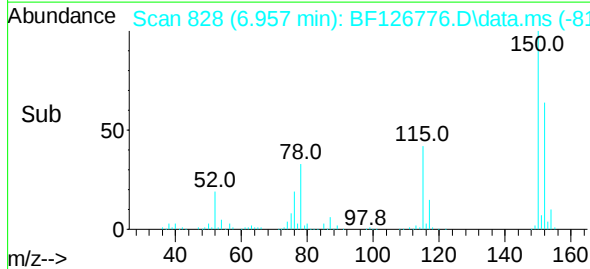
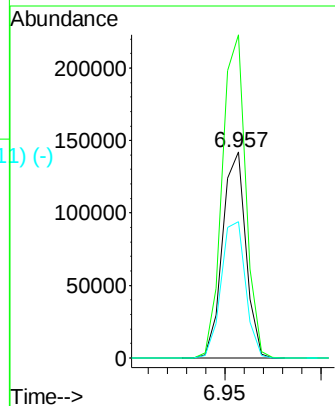
Tgt Ion:152 Resp: 120386

Ion Ratio Lower Upper

152 100

150 156.6 128.1 192.1

115 66.0 56.7 85.1



2-Fluorophenol

Concen: 95.258 ng

RT: 5.581 min Scan# 594

Delta R.T. 0.012 min

Lab File: BF126776.D

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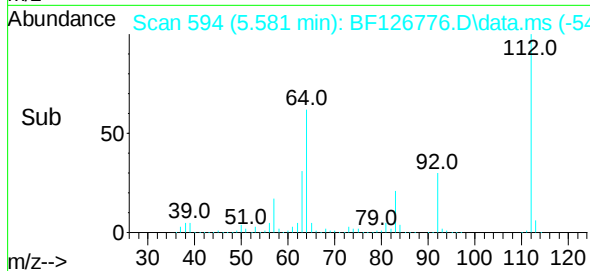
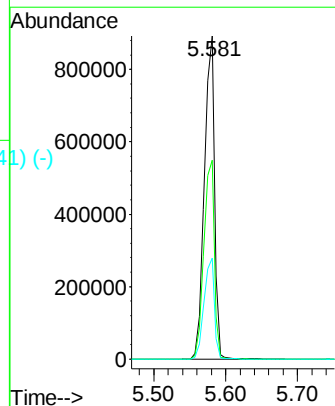
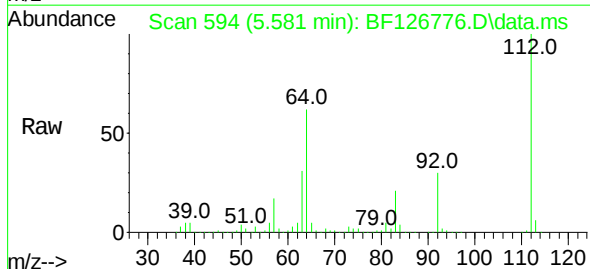
Tgt Ion:112 Resp: 871475

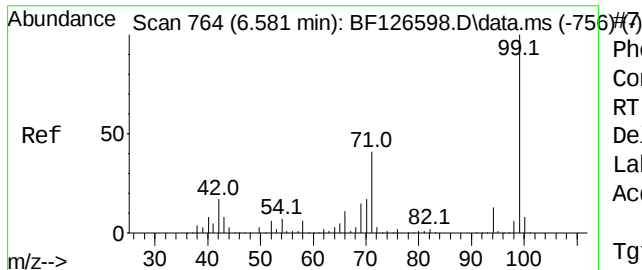
Ion Ratio Lower Upper

112 100

64 61.5 49.5 74.3

63 31.3 23.9 35.9





Phenol-d6

Concen: 95.006 ng

RT: 6.575 min Scan#

Delta R.T. 0.000 min

Lab File: BF126776.D

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Instrument :

BNA_F

ClientSampleId :

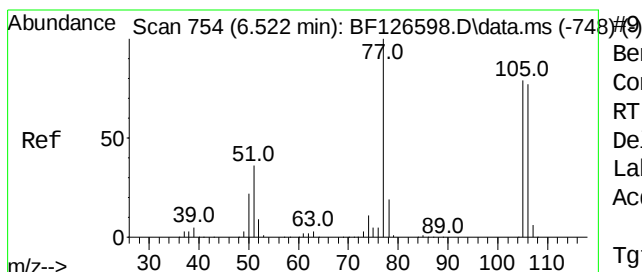
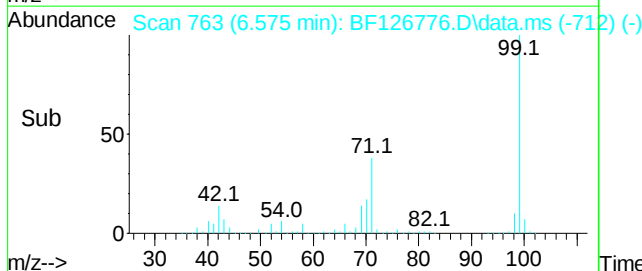
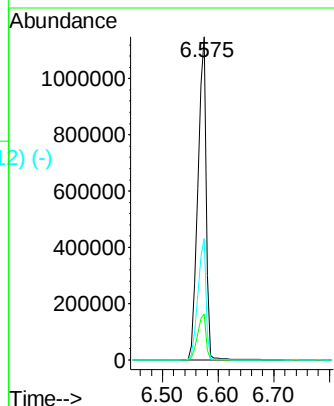
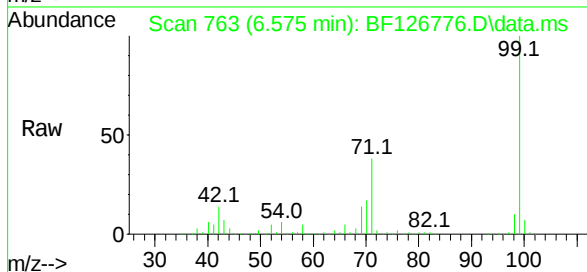
Tgt Ion: 99 Resp: 1207605

Ion Ratio Lower Upper

99 100

42 14.2 14.2 21.4#

71 37.5 24.3 36.5#



Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

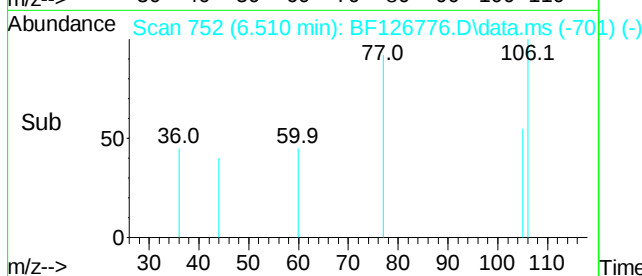
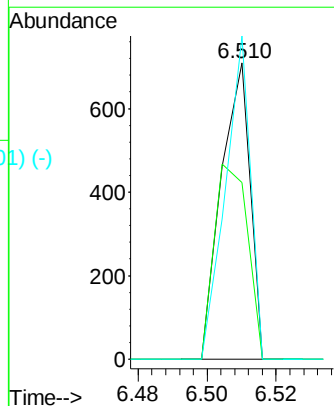
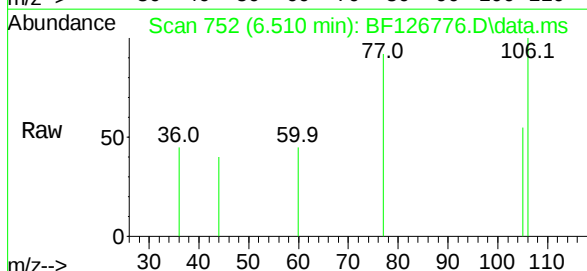
Tgt Ion: 77 Resp: 413

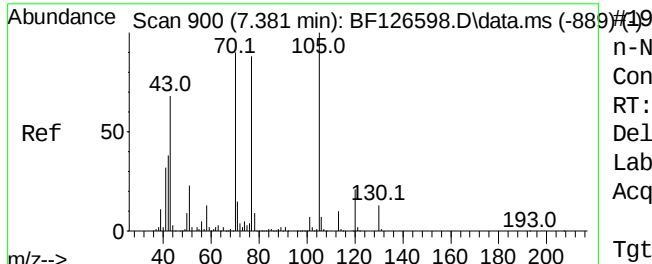
Ion Ratio Lower Upper

77 100

105 59.6 74.9 114.9#

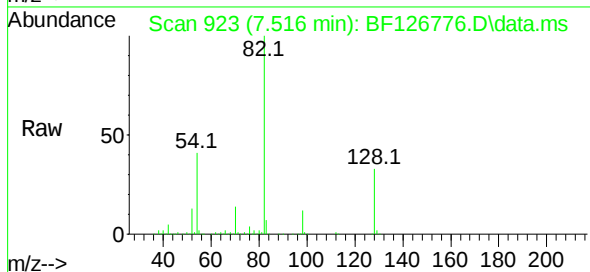
106 109.0 72.4 112.4



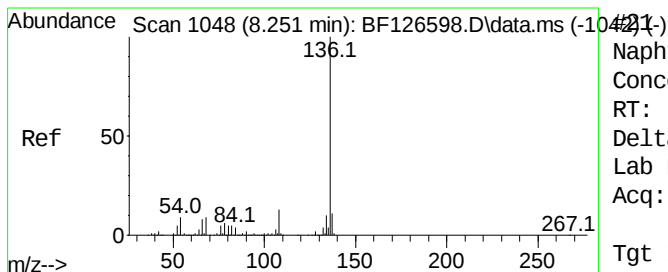
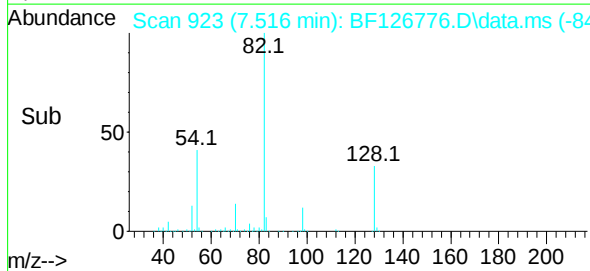
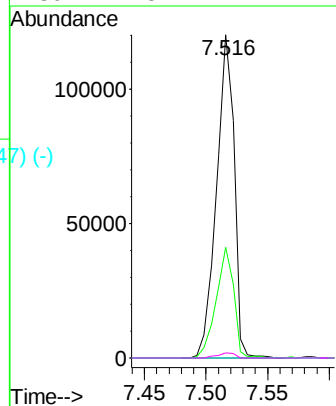


n-Nitroso-di-n-propylamine
 Concen: 12.847 ng
 RT: 7.516 min Scan# 900
 Delta R.T. 0.147 min
 Lab File: BF126776.D
 Acq: 01 Feb 2022 16:11

Instrument :
 BNA_F
 ClientSampleId :

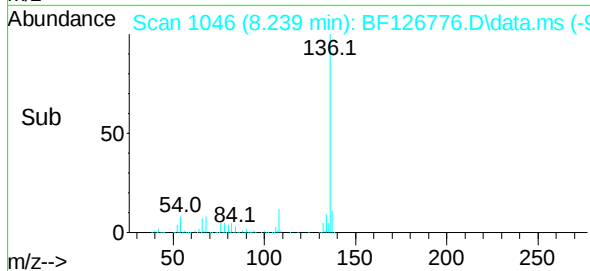
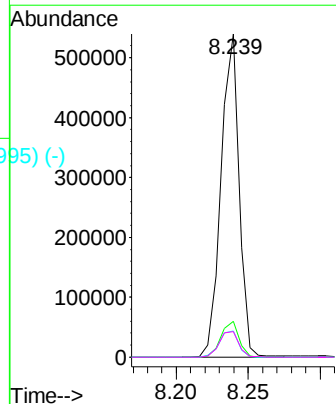
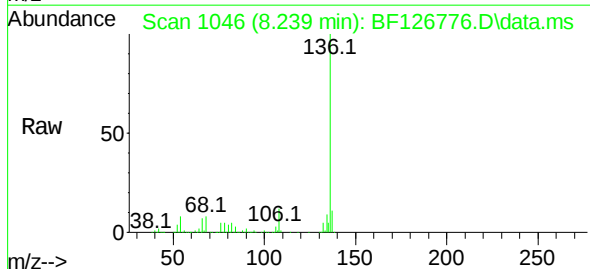


Tgt Ion:	70	Resp:	119182
Ion	Ratio	Lower	Upper
70	100		
42	34.3	45.8	68.8#
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#



Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.239 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: BF126776.D
 Acq: 01 Feb 2022 16:11

Tgt Ion:	136	Resp:	468485
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.0	7.8	11.6
68	7.9	6.3	9.5



Abundance Scan 926 (7.534 min): BF126598.D\data.ms (-920) #23

Nitrobenzene-d5

Concen: 75.122 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.006 min

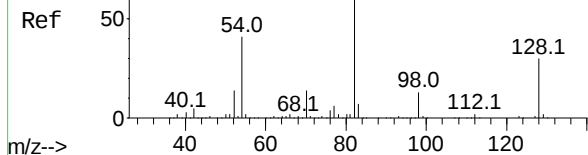
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :



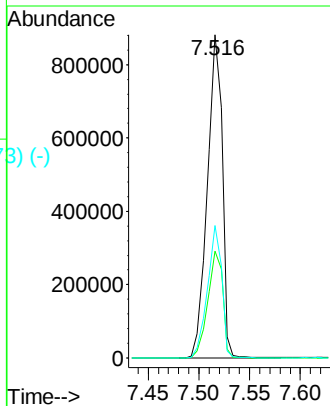
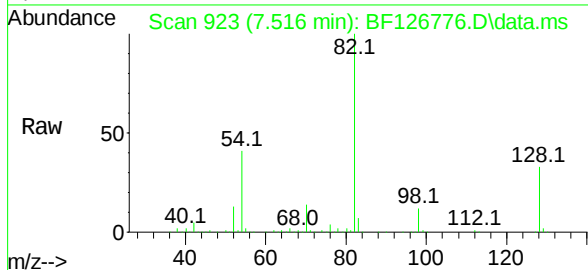
Tgt Ion: 82 Resp: 899148

Ion Ratio Lower Upper

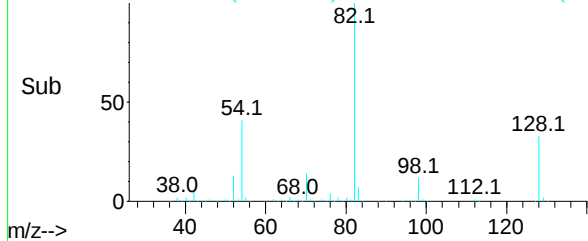
82 100

128 33.1 32.7 49.1

54 40.9 41.7 62.5#



Abundance Scan 923 (7.516 min): BF126776.D\data.ms (-873) (-)



Abundance Scan 969 (7.787 min): BF126598.D\data.ms (-962) #25

Isophorone

Concen: 38.430 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

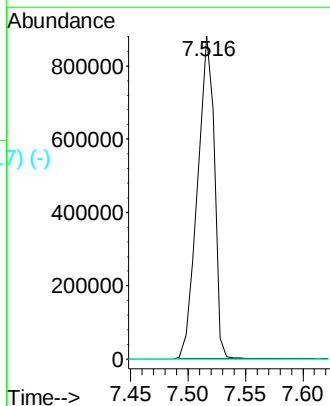
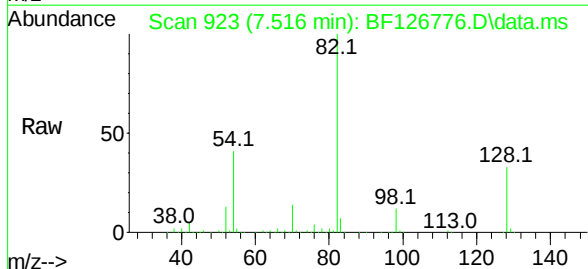
Tgt Ion: 82 Resp: 892039

Ion Ratio Lower Upper

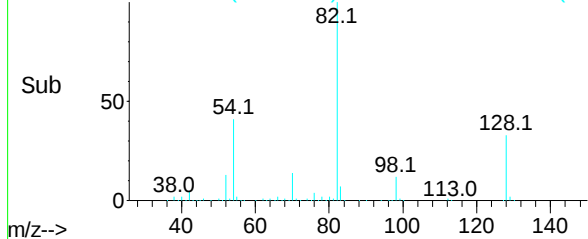
82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



Abundance Scan 923 (7.516 min): BF126776.D\data.ms (-917) (-)



Abundance Scan 1347 (10.010 min): BF126598.D\data.ms (-1349)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1349

Delta R.T. 0.000 min

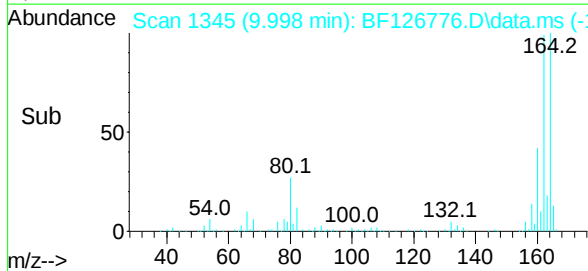
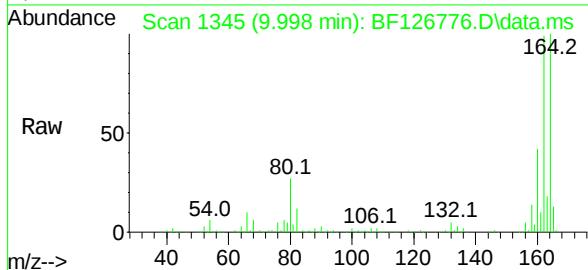
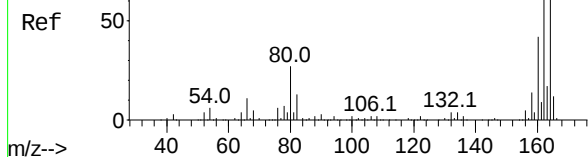
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

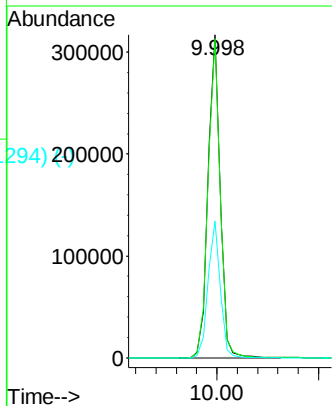
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	164	Resp:	262650
Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	42.4	36.6	54.8



Abundance Scan 1481 (10.798 min): BF126598.D\data.ms (-1479)

2,4,6-Tribromophenol

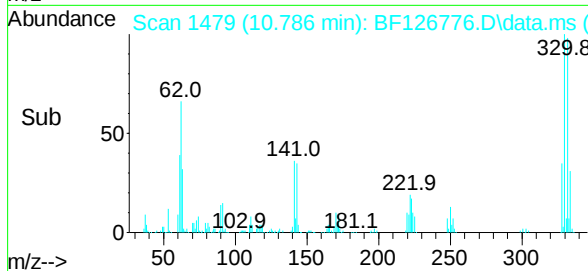
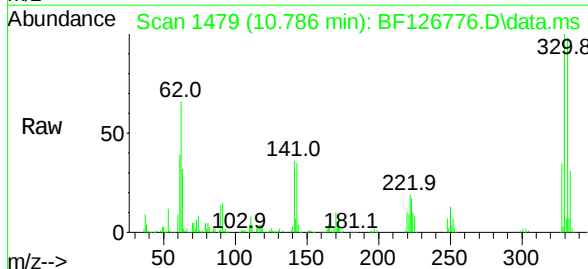
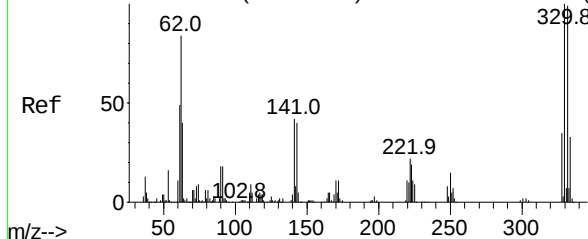
Concen: 105.326 ng

RT: 10.786 min Scan# 1479

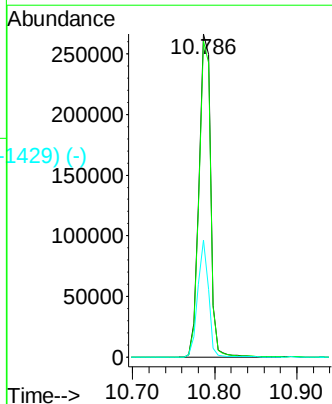
Delta R.T. -0.006 min

Lab File: BF126776.D

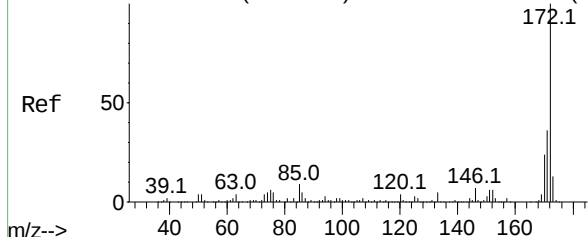
Acq: 01 Feb 2022 16:11



Tgt Ion:	330	Resp:	258890
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	33.2	30.1	45.1



Abundance Scan 1231 (9.328 min): BF126598.D\data.ms (-12745)



2-Fluorobiphenyl

Concen: 68.390 ng

RT: 9.316 min Scan#

Delta R.T. 0.000 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :

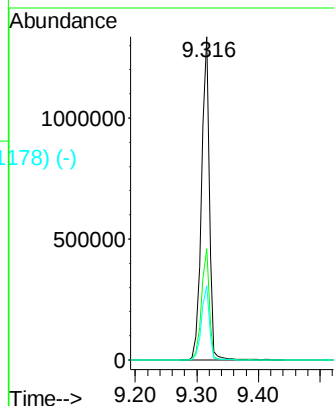
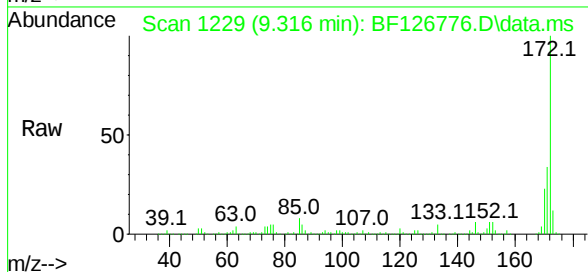
Tgt Ion:172 Resp: 1172882

Ion Ratio Lower Upper

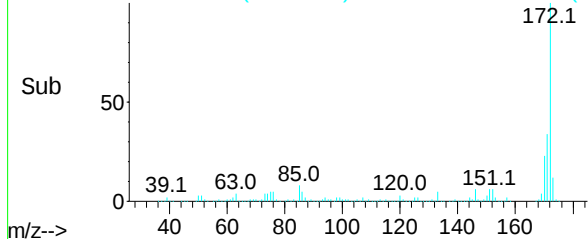
172 100

171 34.5 28.3 42.5

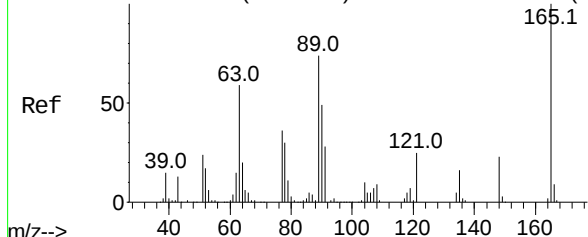
170 23.0 19.0 28.6



Abundance Scan 1229 (9.316 min): BF126776.D\data.ms (-1178) (-)



Abundance Scan 1310 (9.792 min): BF126598.D\data.ms (-13051)



2,6-Dinitrotoluene

Concen: 10.182 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

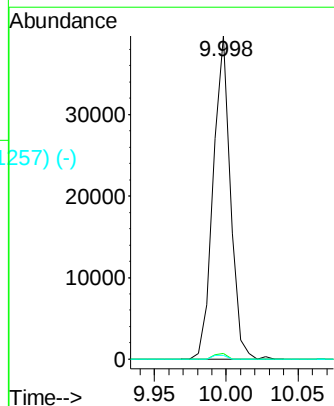
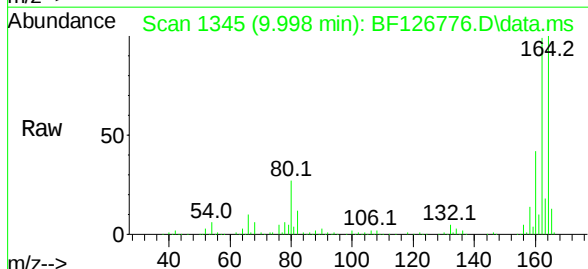
Tgt Ion:165 Resp: 32775

Ion Ratio Lower Upper

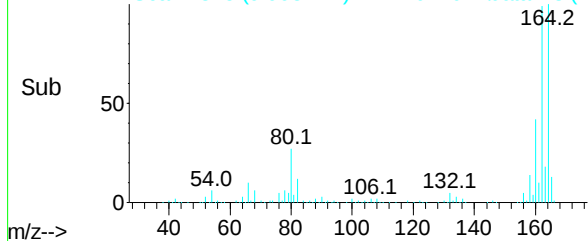
165 100

63 1.7 48.4 72.6#

89 1.2 50.5 75.7#



Abundance Scan 1345 (9.998 min): BF126776.D\data.ms (-1257) (-)



Abundance Scan 1378 (10.192 min): BF126598.D\data.ms (-1357) (-)

2,4-Dinitrotoluene

Concen: 8.402 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.188 min

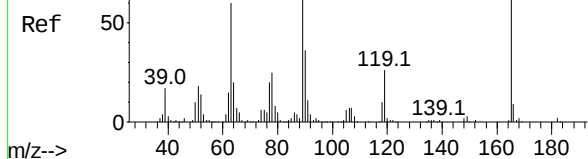
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNF

ClientSampleId :



Tgt Ion:165 Resp: 32775

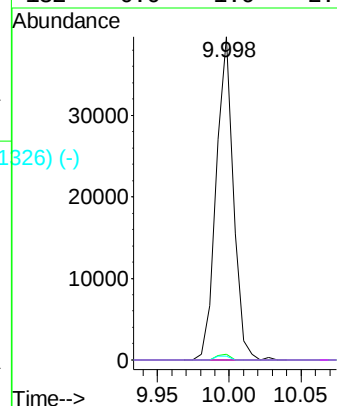
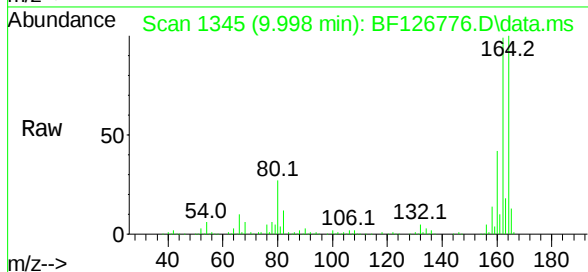
Ion Ratio Lower Upper

165 100

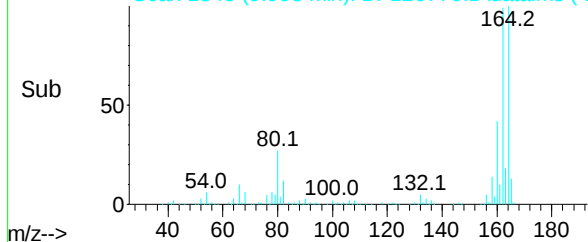
63 1.7 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#



Abundance Scan 1345 (9.998 min): BF126776.D\data.ms (-1326) (-)



Abundance Scan 1600 (11.498 min): BF126598.D\data.ms (-1564) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

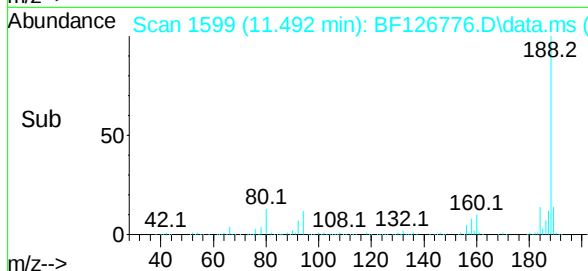
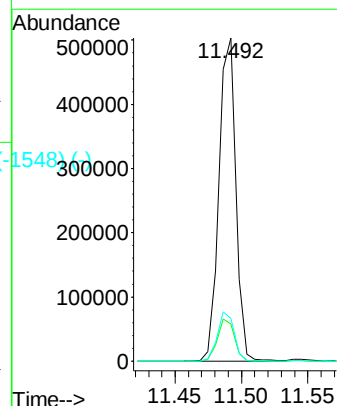
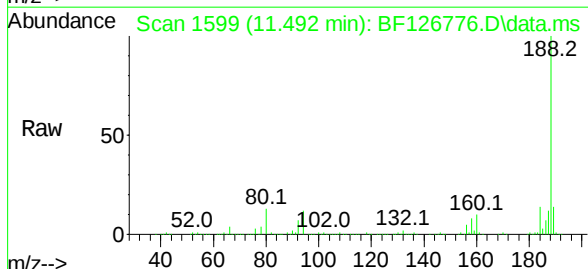
Tgt Ion:188 Resp: 444815

Ion Ratio Lower Upper

188 100

94 11.5 10.1 15.1

80 13.3 11.8 17.6



Abundance Scan 1447 (10.598 min): BF126598.D\data.ms (-1405) (-)

4,6-Dinitro-2-methylphenol

Concen: 7.591 ng

RT: 10.792 min Scan# 1405

Delta R.T. 0.200 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :

Abundance Scan 1480 (10.792 min): BF126776.D\data.ms

Ref

51.0 105.0 198.1 152.0

m/z-->

Tgt Ion:198 Resp: 550

Ion Ratio Lower Upper

198 100

51 78.2 32.0 72.0#

105 144.6 32.7 72.7#

Abundance Scan 1480 (10.792 min): BF126776.D\data.ms

Raw

62.0 141.0 221.9 181.1 329.8

m/z-->

Abundance

1000

500

0

Time-->

Abundance Scan 1480 (10.792 min): BF126776.D\data.ms (-1395) (-)

Sub

62.0 141.0 221.9 181.1 329.8

m/z-->

10.792

Abundance Scan 1523 (11.045 min): BF126598.D\data.ms (-1507) (-)

4-Bromophenyl-phenylether

Concen: 3.164 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Tgt Ion:248 Resp: 16222

Ion Ratio Lower Upper

248 100

250 203.5 76.2 114.4#

141 549.0 66.2 99.4#

Abundance Scan 1479 (10.786 min): BF126776.D\data.ms

Ref

77.0 141.1 248.0 39.0 179.9

m/z-->

Abundance

80000

40000

20000

0

Time-->

Abundance Scan 1479 (10.786 min): BF126776.D\data.ms (-1470) (-)

Sub

62.0 141.0 221.9 102.9 181.1 329.8

m/z-->

10.786

Abundance Scan 1605 (11.528 min): BF126598.D\data.ms (-1551) (-)

Phenanthrene

Concen: 2.986 ng

RT: 11.510 min Scan# 1602

Delta R.T. -0.012 min

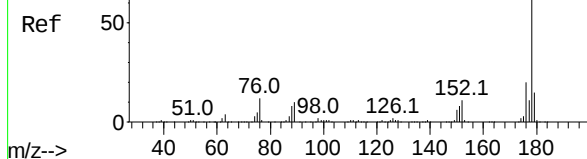
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :



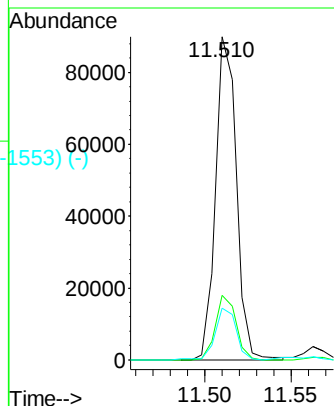
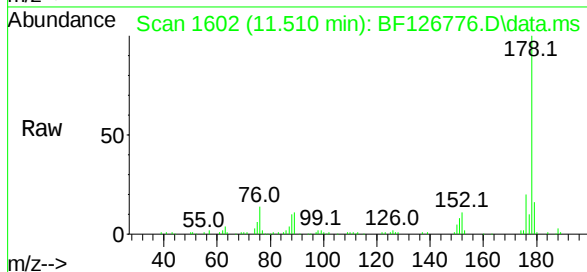
Tgt Ion:178 Resp: 75882

Ion Ratio Lower Upper

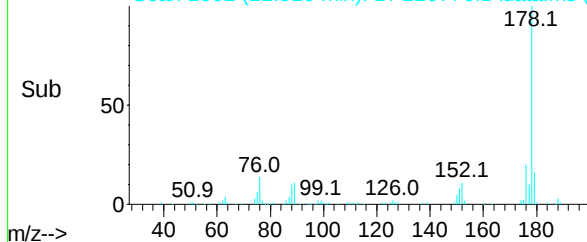
178 100

176 19.9 15.7 23.5

179 15.9 12.3 18.5



Abundance Scan 1602 (11.510 min): BF126776.D\data.ms (-1553) (-)



Abundance Scan 1614 (11.580 min): BF126598.D\data.ms (-1603) (-)

Anthracene

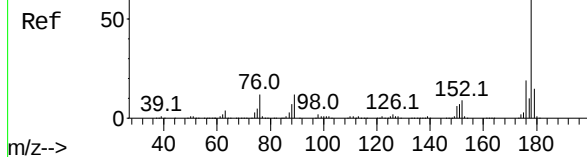
Concen: 2.976 ng

RT: 11.510 min Scan# 1602

Delta R.T. -0.059 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11



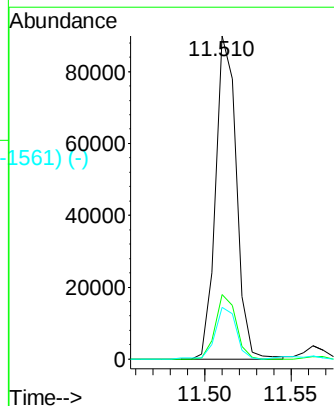
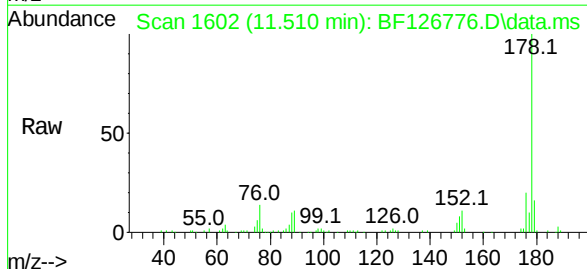
Tgt Ion:178 Resp: 75882

Ion Ratio Lower Upper

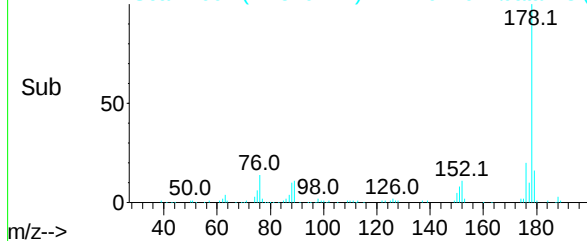
178 100

176 19.9 15.0 22.6

179 15.9 12.5 18.7



Abundance Scan 1602 (11.510 min): BF126776.D\data.ms (-1561) (-)



Abundance Scan 1807 (12.716 min): BF126598.D\data.ms (-18075)

Fluoranthene

Concen: 3.132 ng

RT: 12.704 min Scan#

Delta R.T. -0.006 min

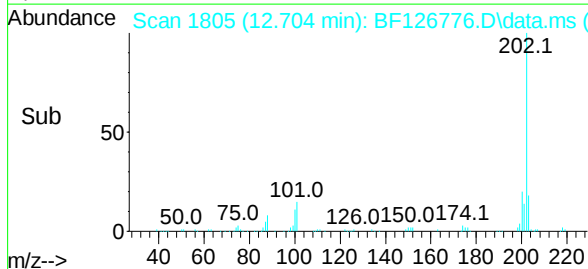
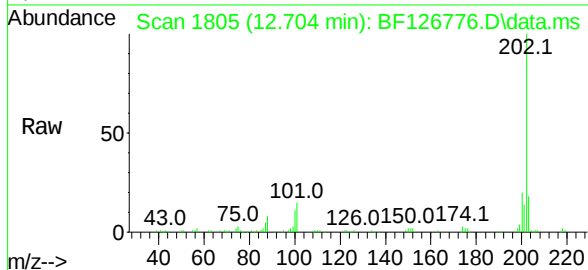
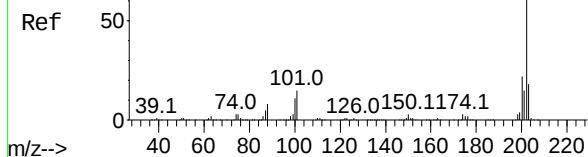
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

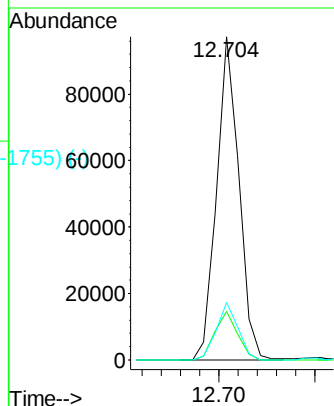
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	202	Resp:	78619
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	35.7
203	17.8	0.0	37.1



Abundance Scan 2051 (14.151 min): BF126598.D\data.ms (-20475)

Chrysene-d12

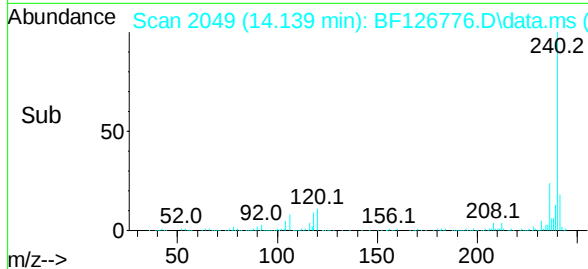
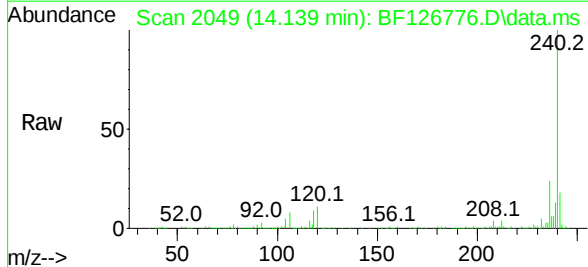
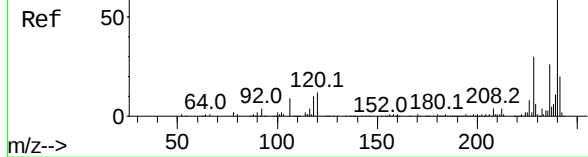
Concen: 20.000 ng

RT: 14.139 min Scan# 2049

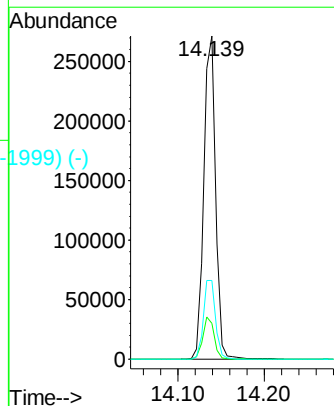
Delta R.T. -0.006 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11



Tgt Ion:	240	Resp:	255312
Ion	Ratio	Lower	Upper
240	100		
120	11.0	14.4	21.6#
236	24.4	20.5	30.7



Abundance Scan 1847 (12.951 min): BF126598.D\data.ms (-1870) (-)

Pyrene

Concen: 4.224 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.006 min

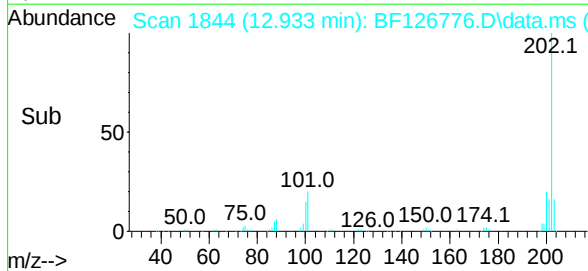
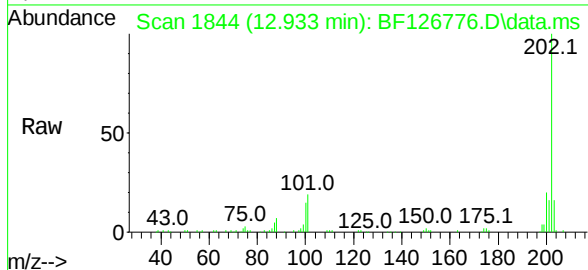
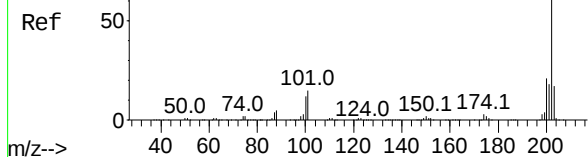
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

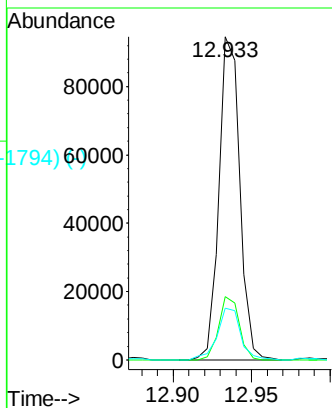
Instrument :

BNA_F

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	24.8
203	16.1	13.8	20.8



Abundance Scan 1871 (13.092 min): BF126598.D\data.ms (-1879) (-)

Terphenyl-d14

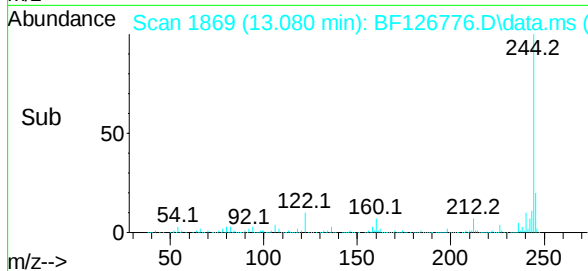
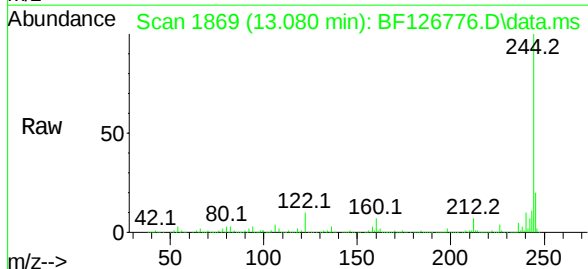
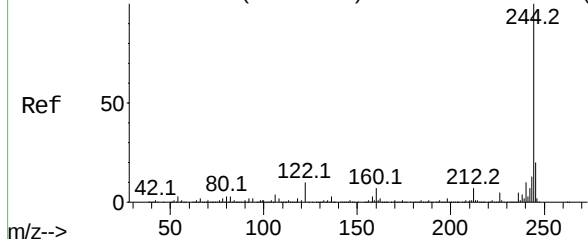
Concen: 77.280 ng

RT: 13.080 min Scan# 1869

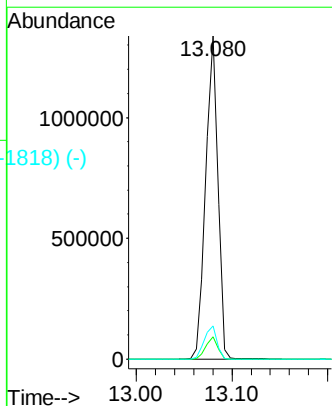
Delta R.T. 0.000 min

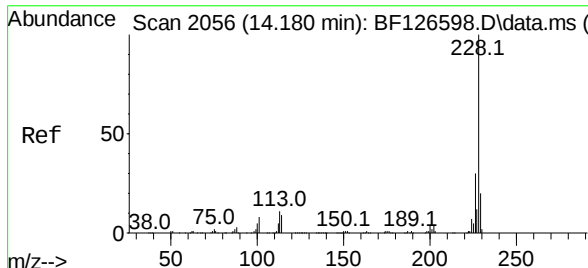
Lab File: BF126776.D

Acq: 01 Feb 2022 16:11



Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	10.3	13.3	19.9#

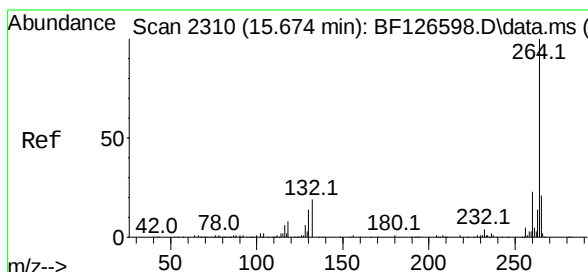
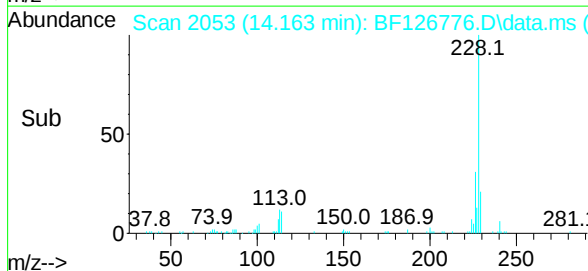
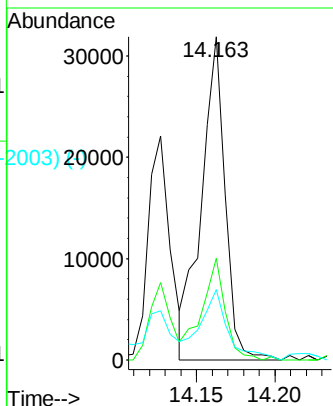
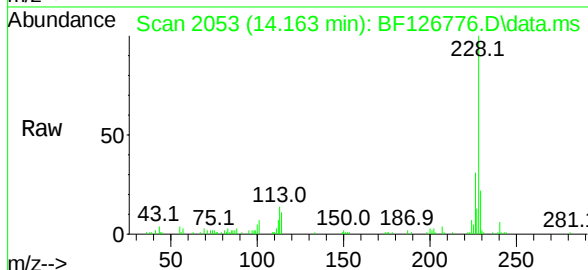




Scan 2056 (14.180 min): BF126598.D\data.ms (-2056)
 Chrysene
 Concen: 2.023 ng
 RT: 14.163 min Scan# 2053
 Delta R.T. -0.006 min
 Lab File: BF126776.D
 Acq: 01 Feb 2022 16:11

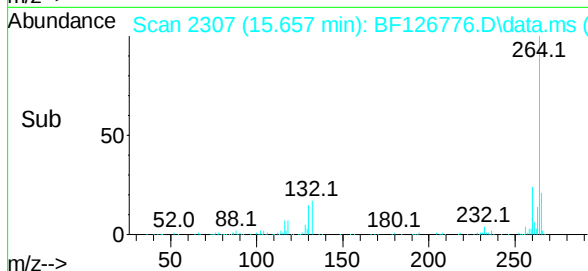
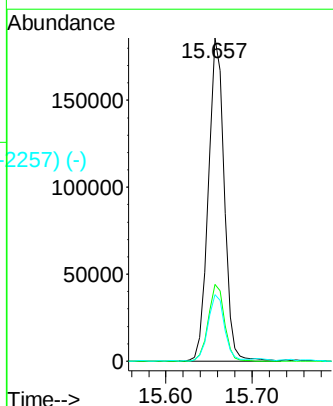
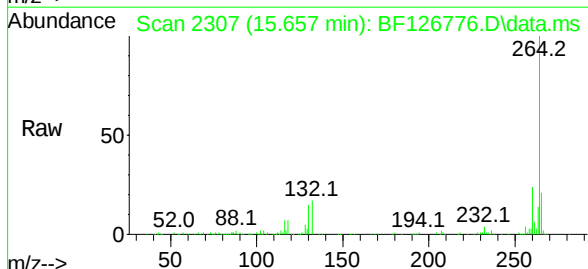
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	228	Resp:	33773
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	21.8	15.5	23.3

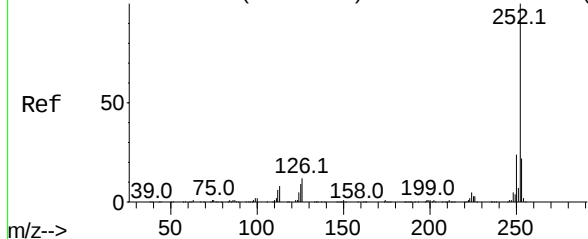


Scan 2310 (15.674 min): BF126598.D\data.ms (-2310)
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126776.D
 Acq: 01 Feb 2022 16:11

Tgt Ion:	264	Resp:	236467
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.5	17.4	26.2



Abundance Scan 2234 (15.227 min): BF126598.D\data.ms (-2234) (-)



Benzo(b)fluoranthene

Concen: 3.032 ng

RT: 15.204 min Scan# 2230

Delta R.T. -0.006 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :

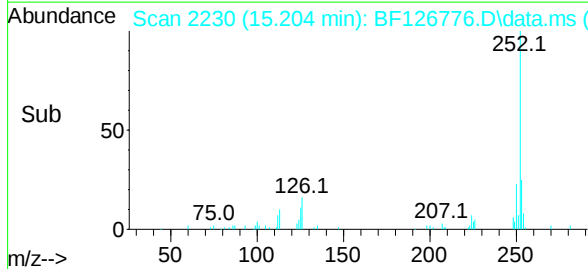
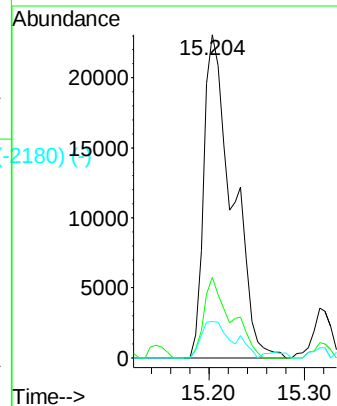
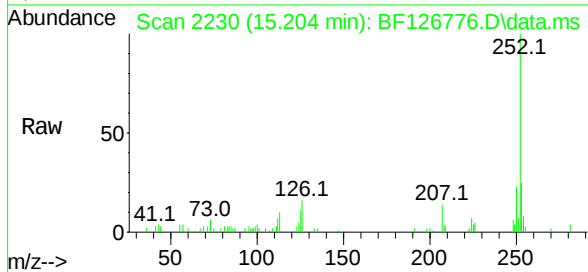
Tgt Ion:252 Resp: 47550

Ion Ratio Lower Upper

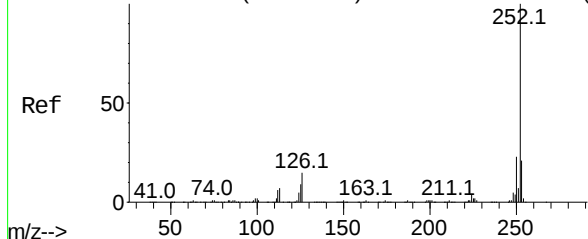
252 100

253 24.9 17.8 26.8

125 11.3 12.4 18.6#



Abundance Scan 2239 (15.257 min): BF126598.D\data.ms (-2239) (-)



Benzo(k)fluoranthene

Concen: 3.088 ng

RT: 15.204 min Scan# 2230

Delta R.T. -0.035 min

Lab File: BF126776.D

Acq: 01 Feb 2022 16:11

Tgt Ion:252 Resp: 47550

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 11.3 11.8 17.6#

