

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126220.D
 Acq On : 16 Dec 2021 19:45
 Operator : JU/CG
 Sample : M4927-11RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:47:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

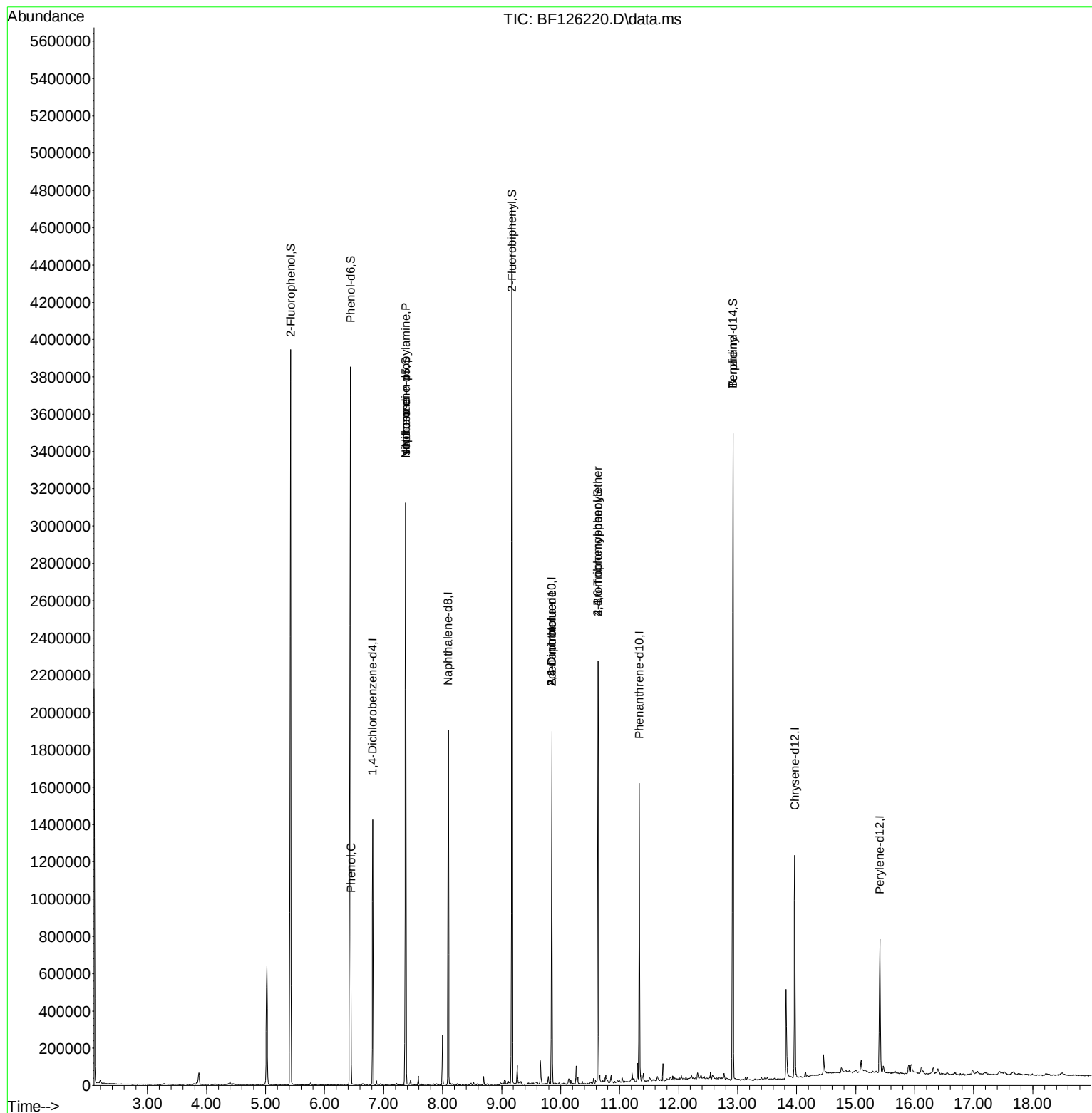
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	185648	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	777146	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	346758	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	499428	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	360344	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	287717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1242453	98.557	ng	0.00
7) Phenol-d6	6.439	99	1594925	99.640	ng	0.00
23) Nitrobenzene-d5	7.375	82	1002730	69.880	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	246019	88.283	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1384956	70.050	ng	0.00
79) Terphenyl-d14	12.921	244	1088167	52.488	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.445	94	39941	2.223	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	127737	12.999	ng	# 56
25) Isophorone	7.375	82	970816	35.827	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	44154	9.287	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	44154	7.281	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	13485	2.877	ng	# 1
77) Benzidine	12.921	184	13113	2.308	ng	96

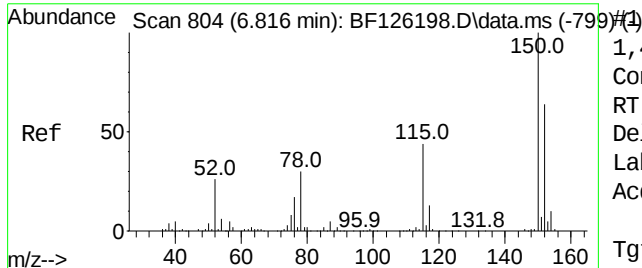
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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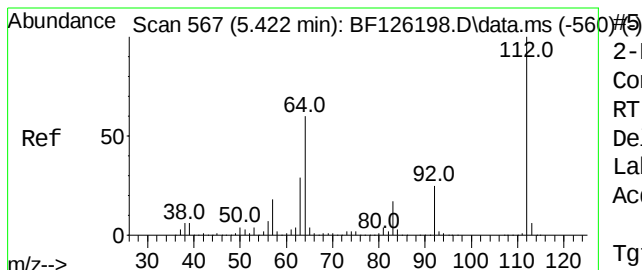
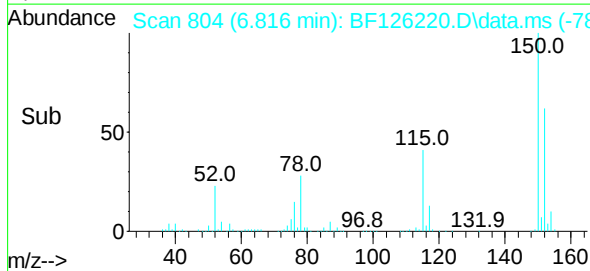
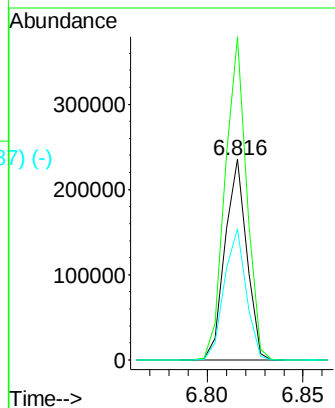
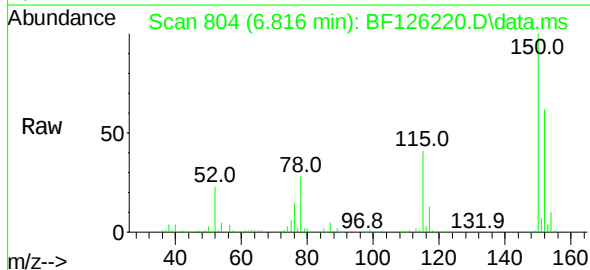




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126220.D
Acq: 16 Dec 2021 19:45

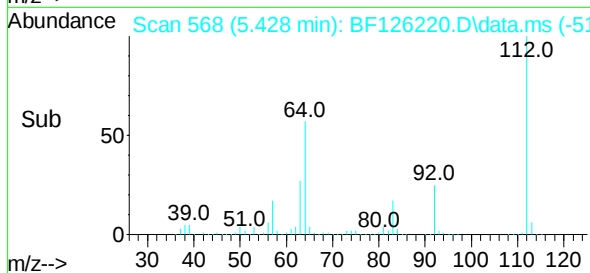
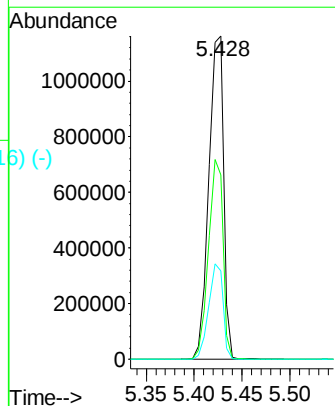
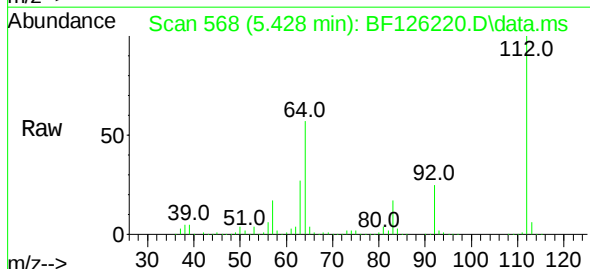
Instrument :
BNA_F
ClientSampleId :

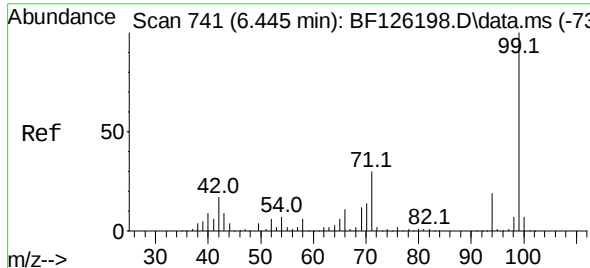
Tgt Ion:152 Resp: 185648
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 65.4 47.1 70.7



2-Fluorophenol
Concen: 98.557 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126220.D
Acq: 16 Dec 2021 19:45

Tgt Ion:112 Resp: 1242453
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 27.3 26.2 39.2





Phenol-d6

Concen: 99.640 ng

RT: 6.439 min Scan#

Delta R.T. -0.006 min

Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

Instrument :

BNA_F

ClientSampleId :

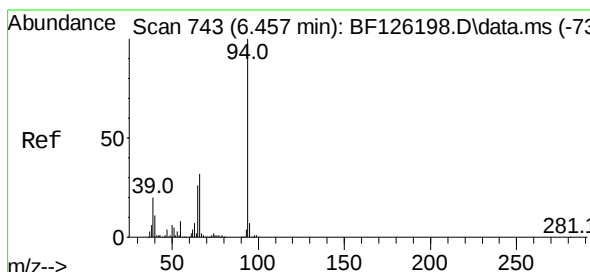
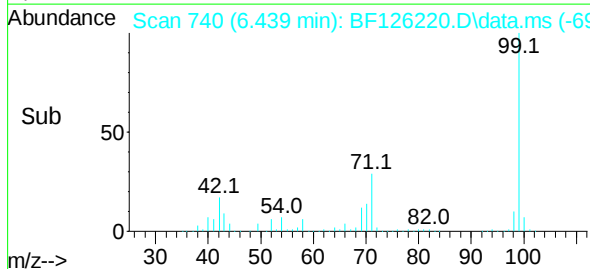
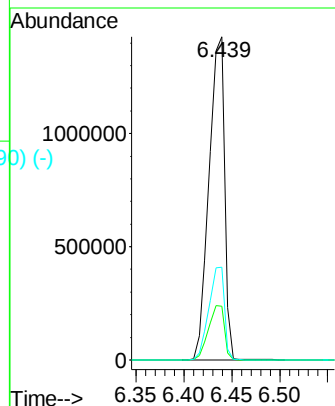
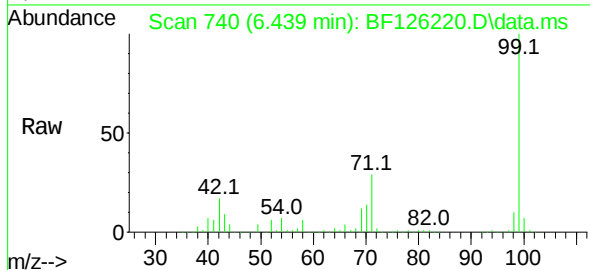
Tgt Ion: 99 Resp: 1594925

Ion Ratio Lower Upper

99 100

42 16.7 23.5 35.3#

71 28.8 25.6 38.4



Phenol

Concen: 2.223 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

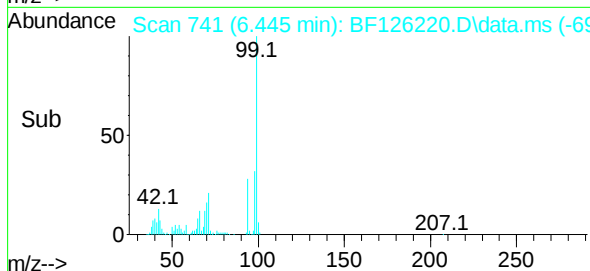
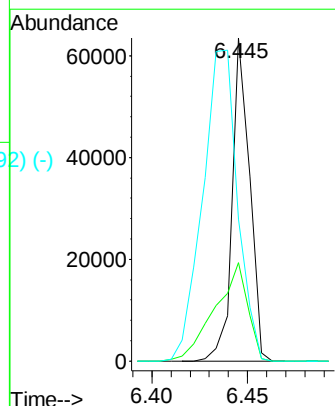
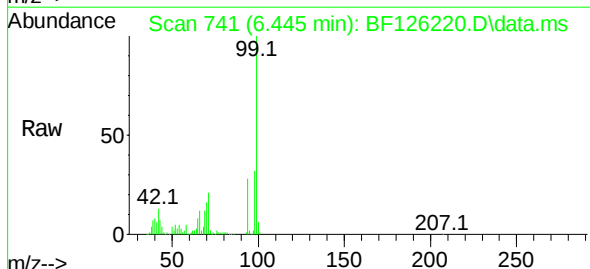
Tgt Ion: 94 Resp: 39941

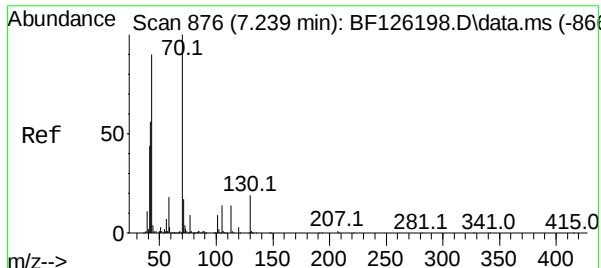
Ion Ratio Lower Upper

94 100

65 30.5 9.3 49.3

66 44.0 20.3 60.3

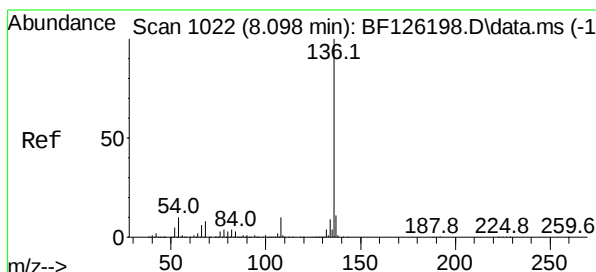
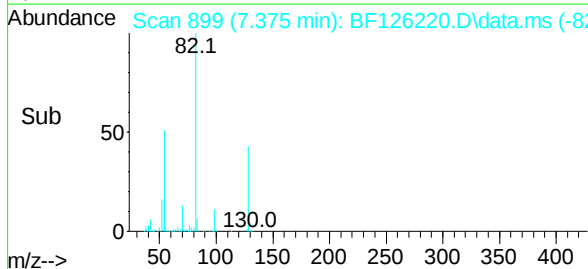
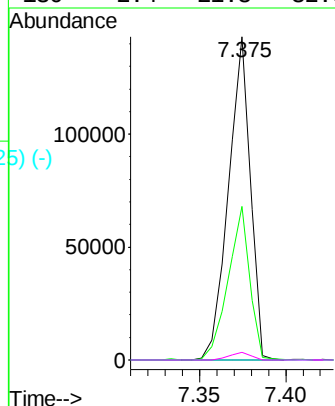
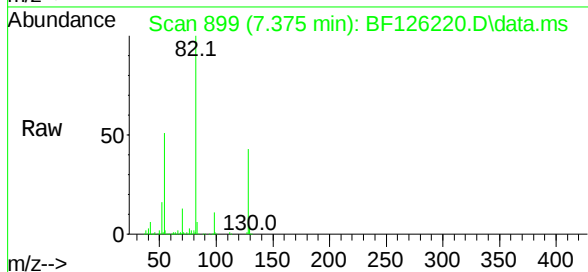




#19
n-Nitroso-di-n-propylamine
Concen: 12.999 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126220.D
Acq: 16 Dec 2021 19:45

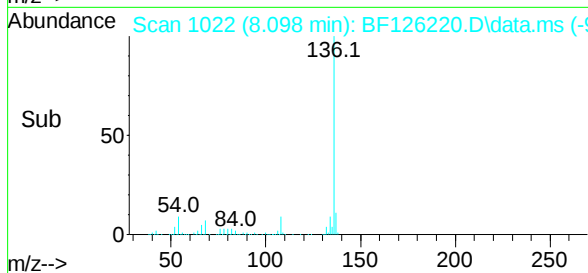
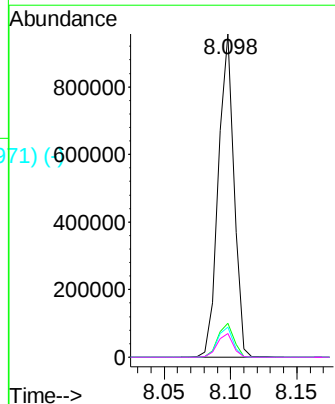
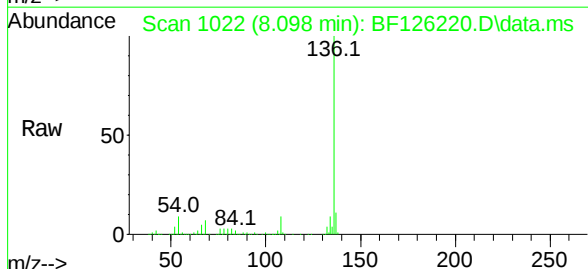
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	70	Resp:	127737
Ion	Ratio	Lower	Upper
70	100		
42	47.5	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126220.D
Acq: 16 Dec 2021 19:45

Tgt Ion:	136	Resp:	777146
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.2	6.4	9.6
68	7.2	3.3	4.9#



Abundance Scan 900 (7.380 min): BF126198.D\data.ms (-895) #23

Nitrobenzene-d5

Concen: 69.880 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

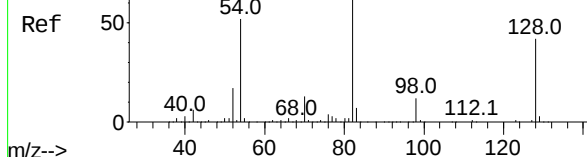
Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

Instrument :

BNA_F

ClientSampleId :



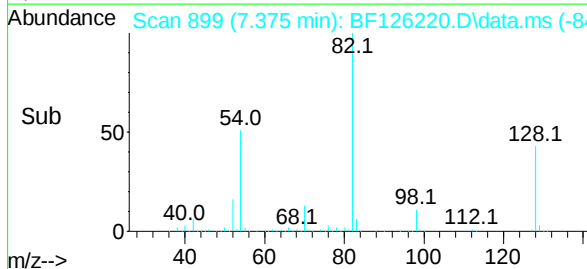
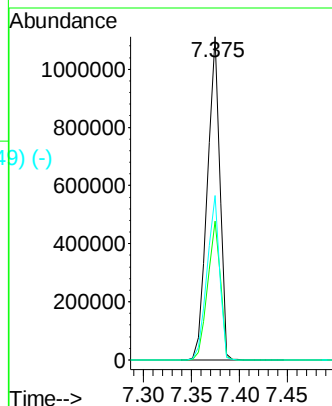
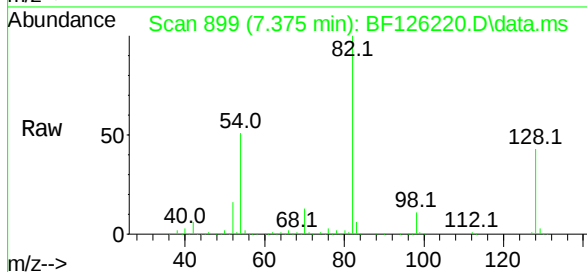
Tgt Ion: 82 Resp: 1002730

Ion Ratio Lower Upper

82 100

128 43.0 40.6 60.8

54 50.9 49.6 74.4



Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

Isophorone

Concen: 35.827 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.270 min

Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

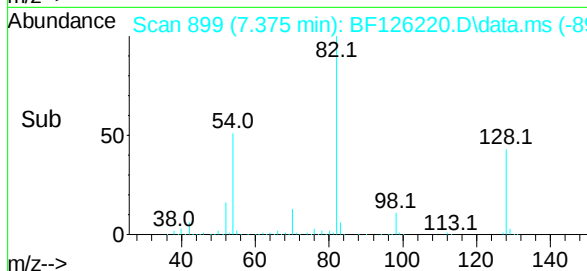
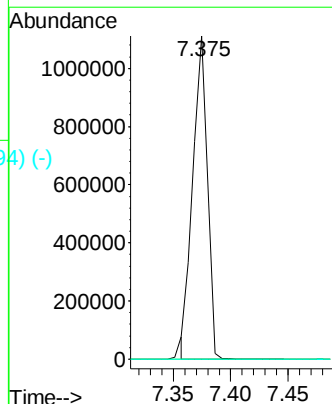
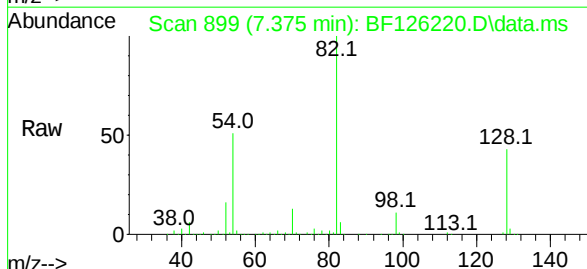
Tgt Ion: 82 Resp: 970816

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#



Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan#

Delta R.T. -0.006 min

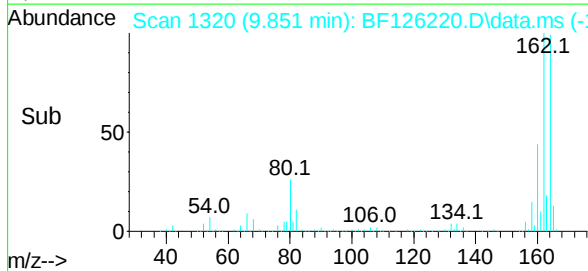
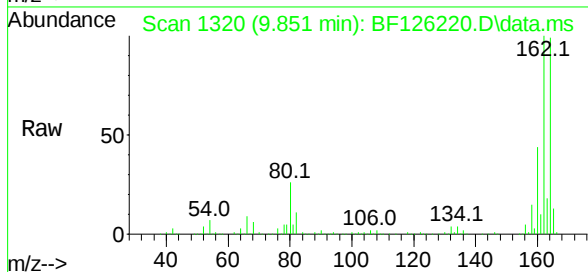
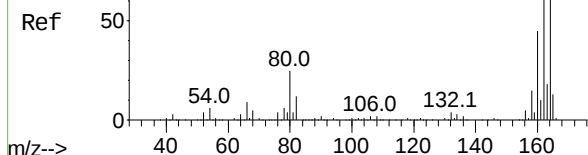
Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

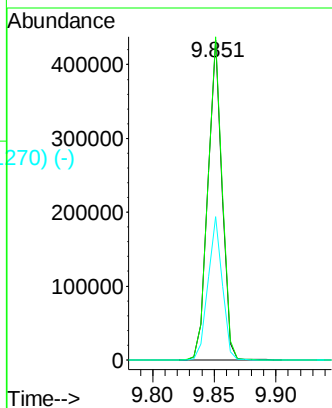
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	164	Resp:	346758
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	44.7	38.0	57.0



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

2,4,6-Tribromophenol

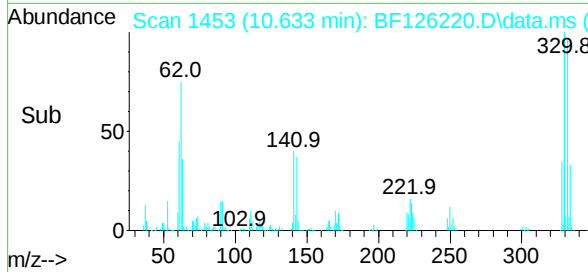
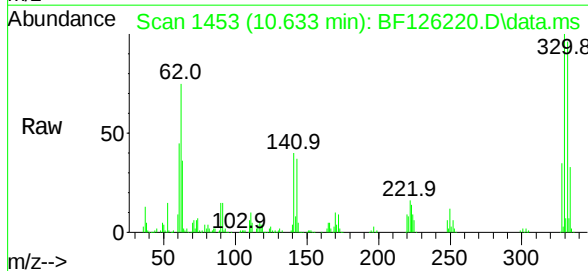
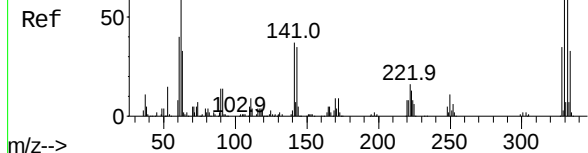
Concen: 88.283 ng

RT: 10.633 min Scan# 1453

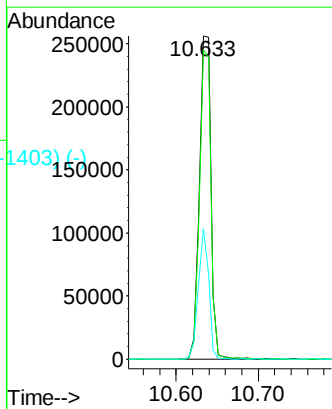
Delta R.T. -0.006 min

Lab File: BF126220.D

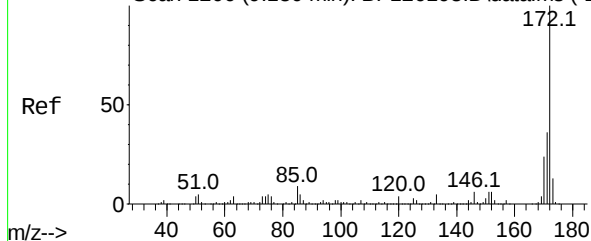
Acq: 16 Dec 2021 19:45



Tgt Ion:	330	Resp:	246019
Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.2	114.4
141	36.3	44.6	66.8#



Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1195) (-)



2-Fluorobiphenyl

Concen: 70.050 ng

RT: 9.175 min Scan# 1155

Delta R.T. -0.006 min

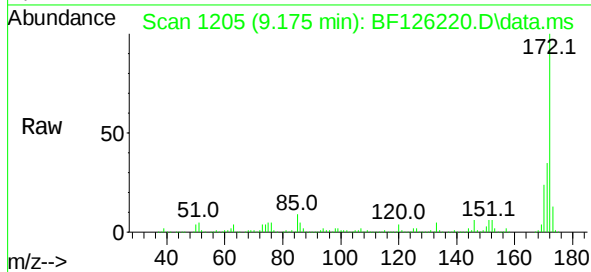
Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

Instrument :

BNA_F

ClientSampleId :



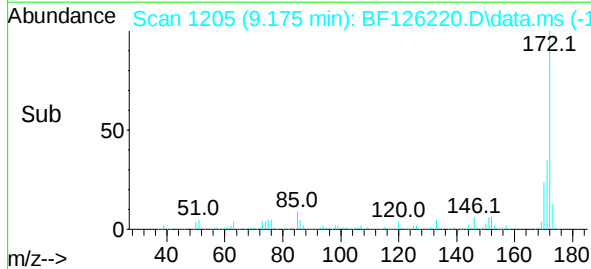
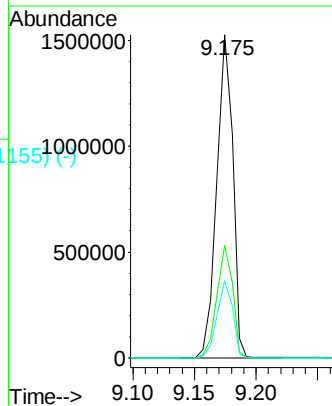
Tgt Ion:172 Resp: 1384956

Ion Ratio Lower Upper

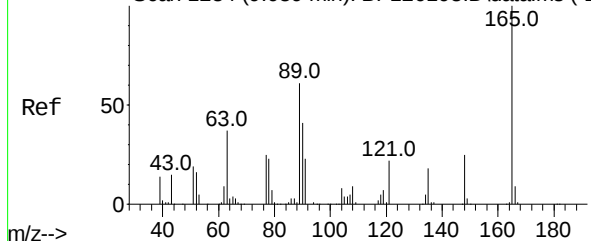
172 100

171 34.8 26.5 39.7

170 23.9 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-1275) (-)



2,6-Dinitrotoluene

Concen: 9.287 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

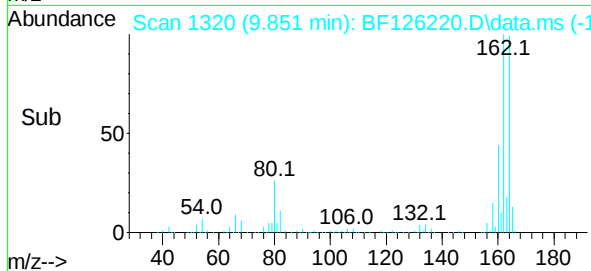
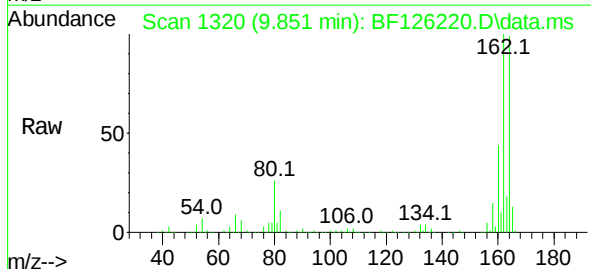
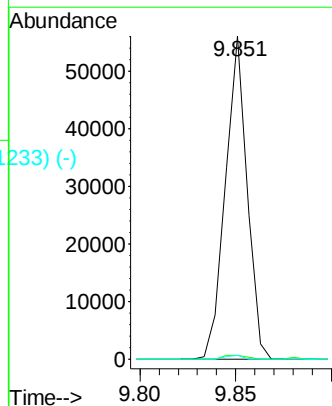
Tgt Ion:165 Resp: 44154

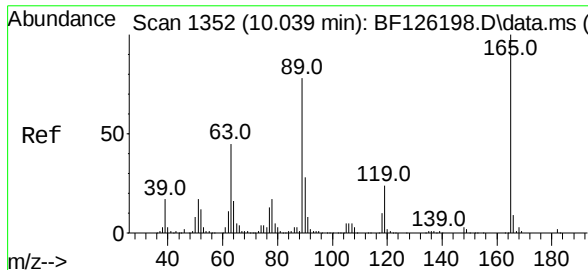
Ion Ratio Lower Upper

165 100

63 1.1 42.6 63.8#

89 1.1 40.6 60.8#

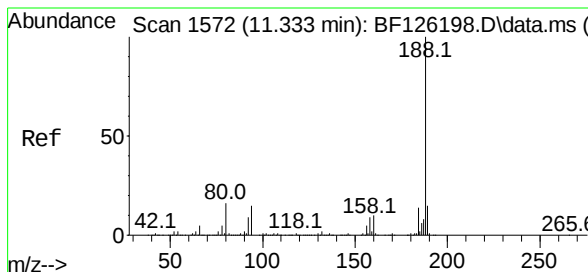
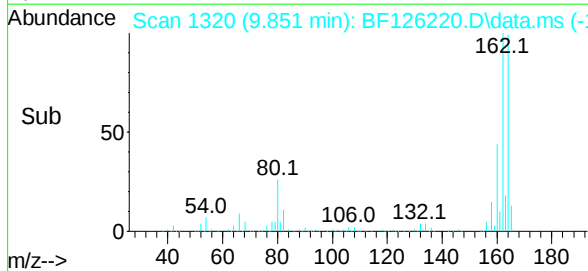
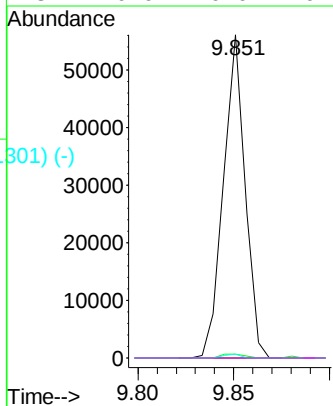
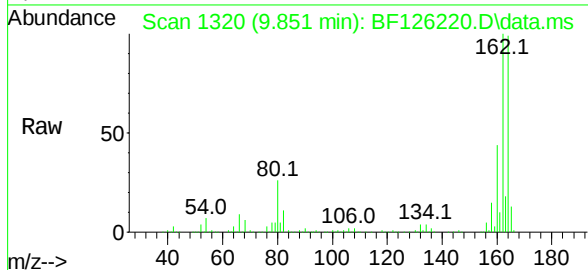




Scan 1352 (10.039 min): BF126198.D\data.ms (-1352) (-)
 2,4-Dinitrotoluene
 Concen: 7.281 ng
 RT: 9.851 min Scan# 1351
 Delta R.T. -0.188 min
 Lab File: BF126220.D
 Acq: 16 Dec 2021 19:45

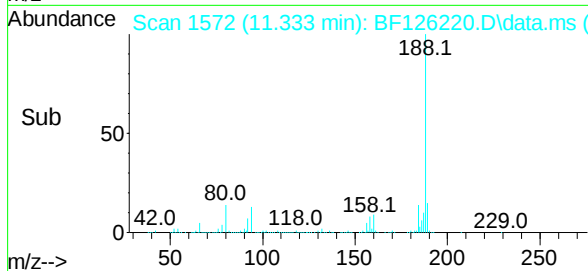
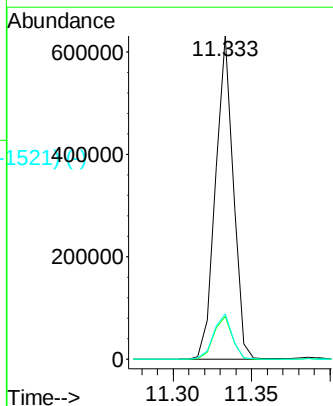
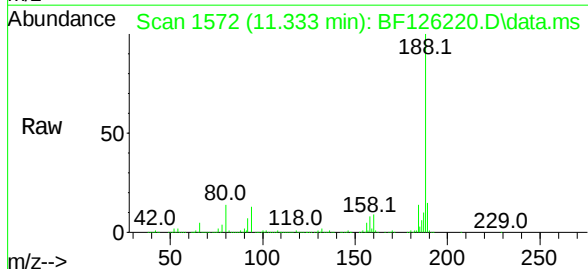
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	165	Resp:	44154
Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.9	61.3#
89	1.1	59.7	89.5#
182	0.0	0.0	0.0



Scan 1572 (11.333 min): BF126198.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. 0.000 min
 Lab File: BF126220.D
 Acq: 16 Dec 2021 19:45

Tgt Ion:	188	Resp:	499428
Ion	Ratio	Lower	Upper
188	100		
94	13.2	6.7	10.1#
80	14.0	7.5	11.3#



Abundance Scan 1496 (10.886 min): BF126198.D\data.ms (-1450) (-)

4-Bromophenyl-phenylether

Concen: 2.877 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.253 min

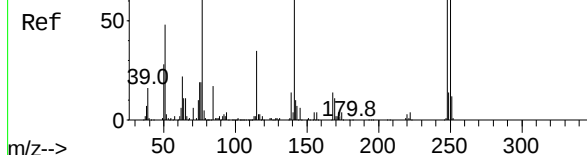
Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

Instrument :

BNA_F

ClientSampleId :



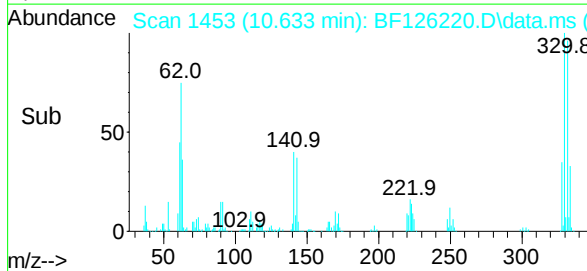
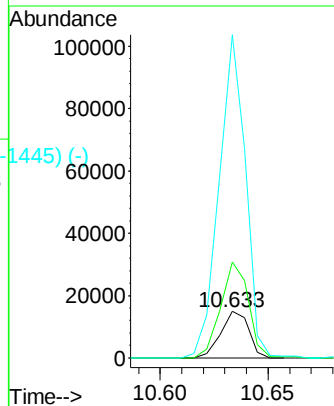
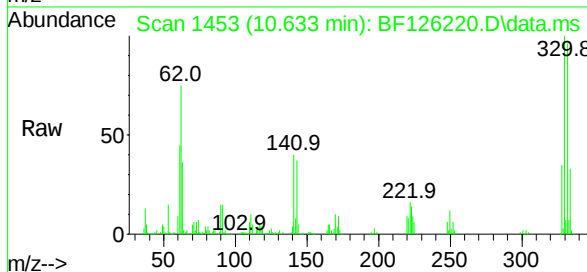
Tgt Ion:248 Resp: 13485

Ion Ratio Lower Upper

248 100

250 206.5 74.2 111.4#

141 693.7 60.4 90.6#



Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-2017) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

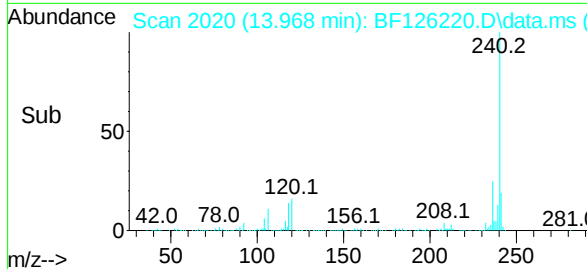
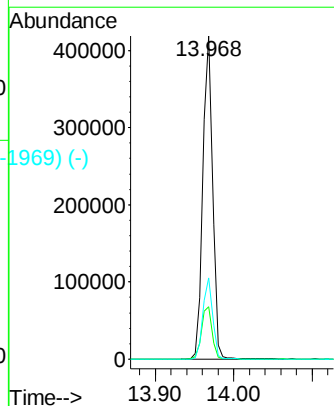
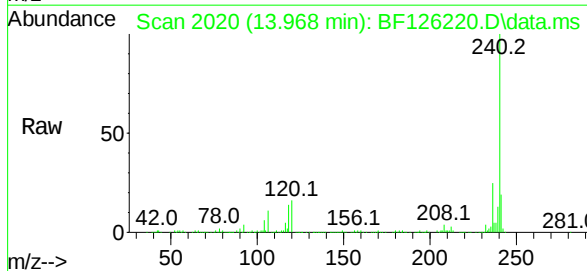
Tgt Ion:240 Resp: 360344

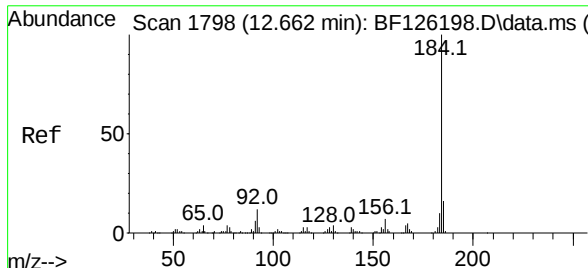
Ion Ratio Lower Upper

240 100

120 16.3 10.8 16.2#

236 25.2 21.6 32.4

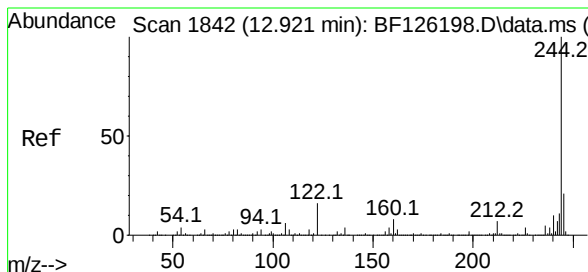
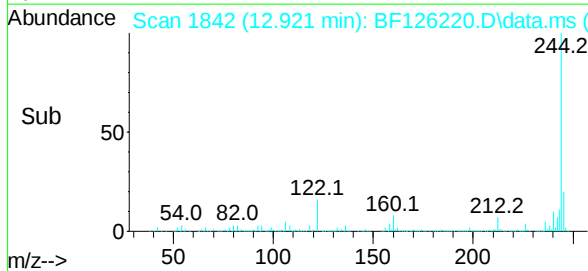
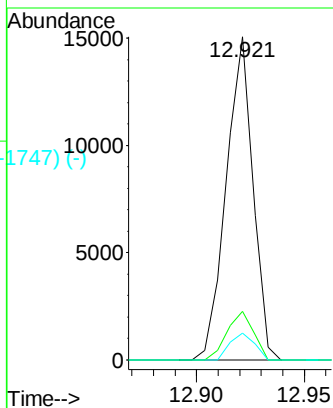
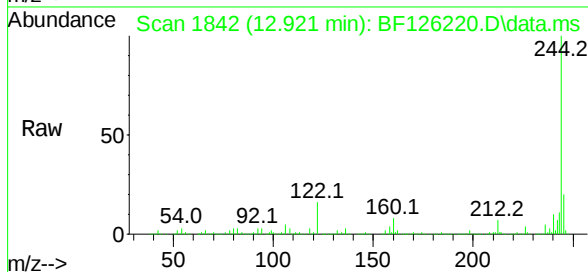




Benzidine
 Concen: 2.308 ng
 RT: 12.921 min Scan# 1798
 Delta R.T. 0.259 min
 Lab File: BF126220.D
 Acq: 16 Dec 2021 19:45

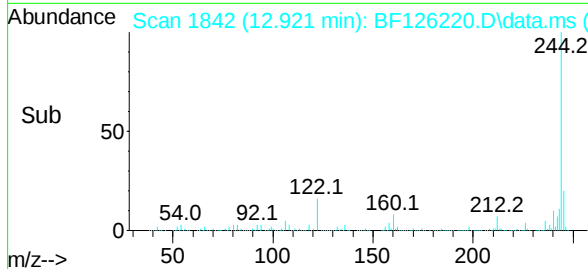
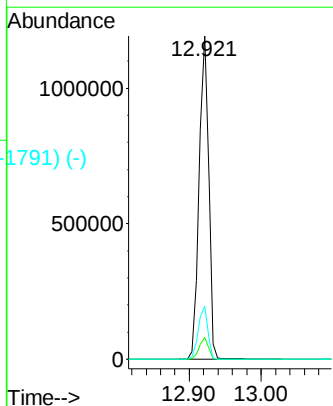
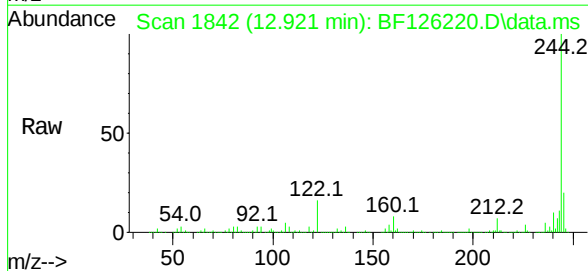
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	184	Resp:	13113
Ion	Ratio	Lower	Upper
184	100		
185	14.9	10.8	16.2
183	8.3	8.1	12.1

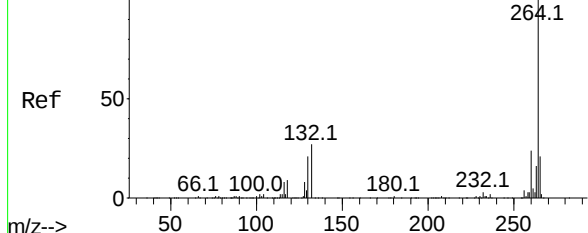


Terphenyl-d14
 Concen: 52.488 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126220.D
 Acq: 16 Dec 2021 19:45

Tgt Ion:	244	Resp:	1088167
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	16.4	9.0	13.4#



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2265) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 1

Delta R.T. 0.000 min

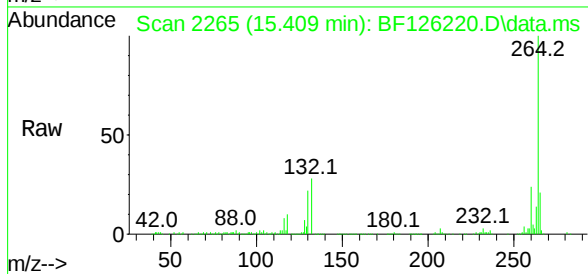
Lab File: BF126220.D

Acq: 16 Dec 2021 19:45

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 287717

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.4 17.2 25.8

