

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126217.D
 Acq On : 16 Dec 2021 18:06
 Operator : JU/CG
 Sample : M5022-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:47:03 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)

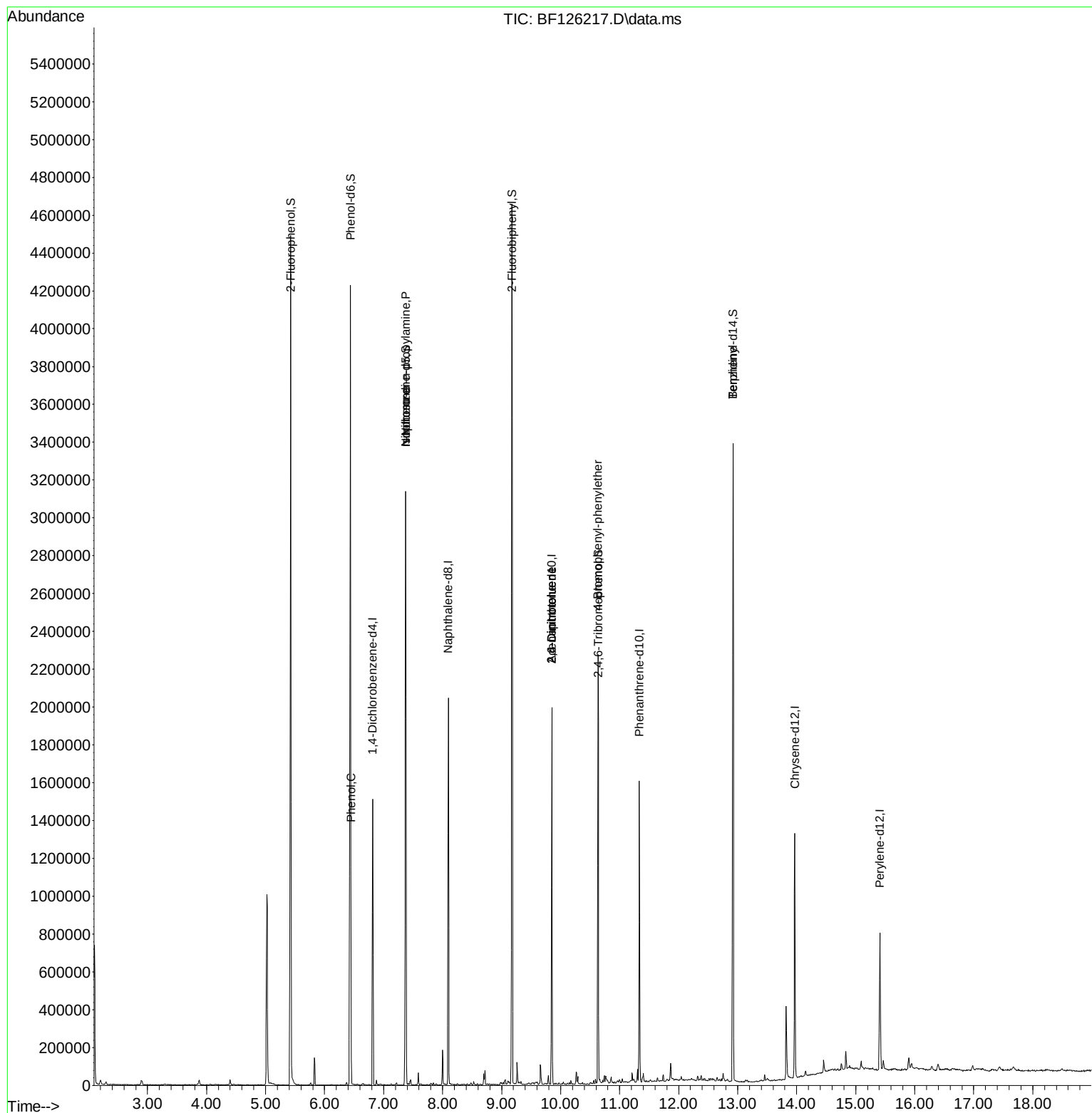
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192258	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	812060	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	361252	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	498401	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	382453	20.000	ng	0.00
86) Perylene-d12	15.409	264	285991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1327026	101.647	ng	0.00
7) Phenol-d6	6.439	99	1636498	98.722	ng	0.00
23) Nitrobenzene-d5	7.375	82	1039910	69.355	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	255559	88.027	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1380968	67.046	ng	0.00
79) Terphenyl-d14	12.921	244	1084953	49.307	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.445	94	37443	2.012	ng	78
19) n-Nitroso-di-n-propyla...	7.375	70	133069	13.076	ng	# 55
25) Isophorone	7.375	82	1011676	35.730	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46607	9.410	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	46607	7.377	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	14384	3.075	ng	# 1
77) Benzidine	12.921	184	14080	2.335	ng	98

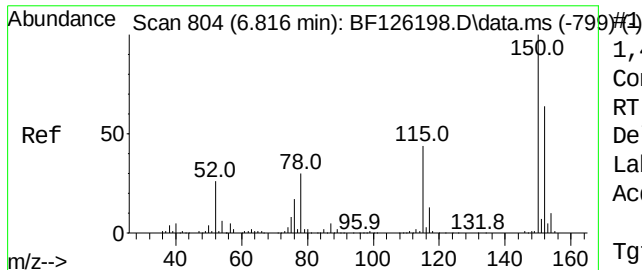
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

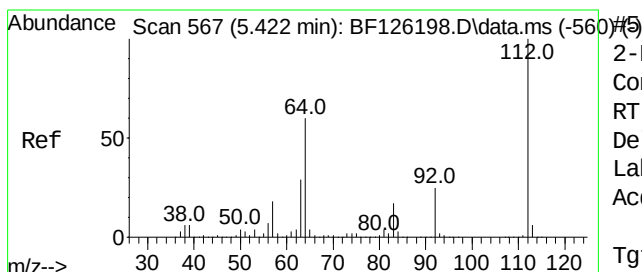
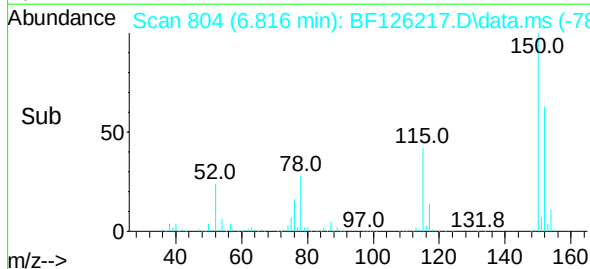
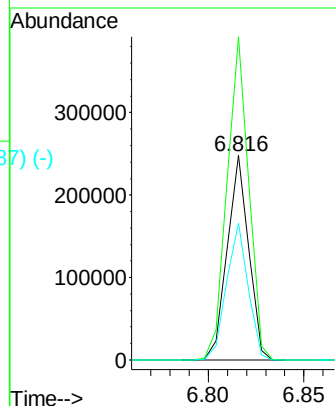
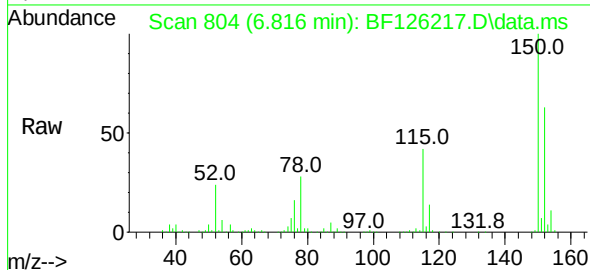




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

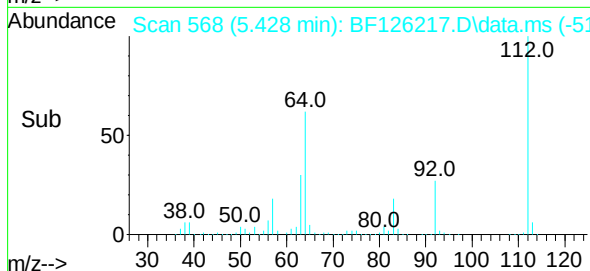
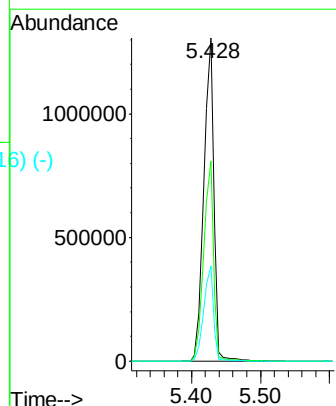
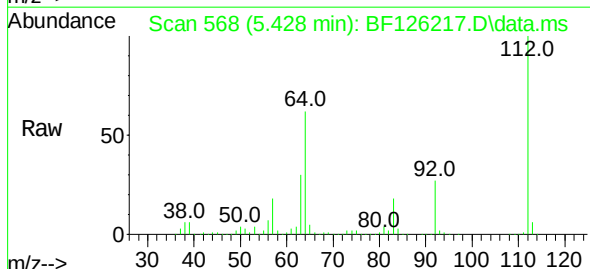
Instrument :
 BNA_F
 ClientSampleId :

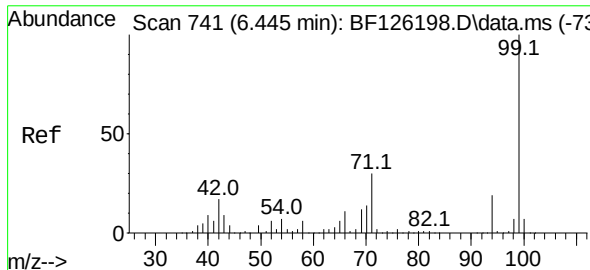
Tgt Ion:152 Resp: 192258
 Ion Ratio Lower Upper
 152 100
 150 157.9 117.6 176.4
 115 67.0 47.1 70.7



2-Fluorophenol
 Concen: 101.647 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

Tgt Ion:112 Resp: 1327026
 Ion Ratio Lower Upper
 112 100
 64 62.0 44.2 66.2
 63 29.6 26.2 39.2

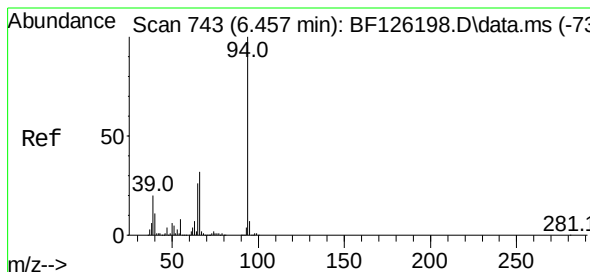
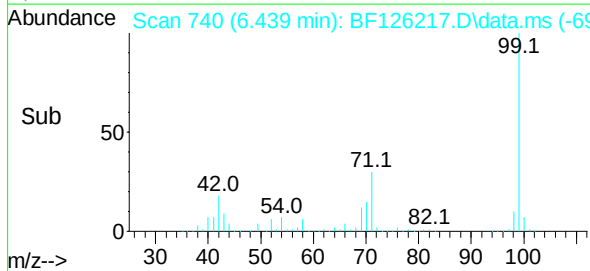
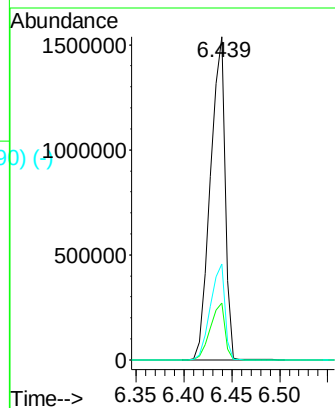
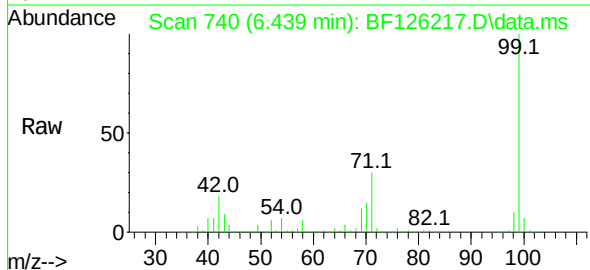




Phenol-d6
 Concen: 98.722 ng
 RT: 6.439 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

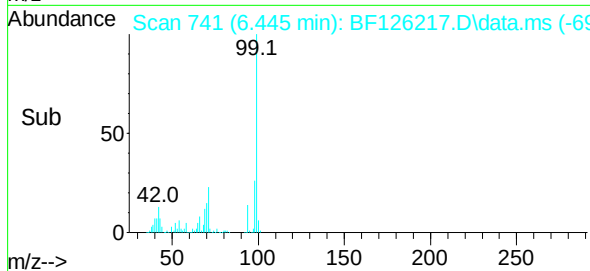
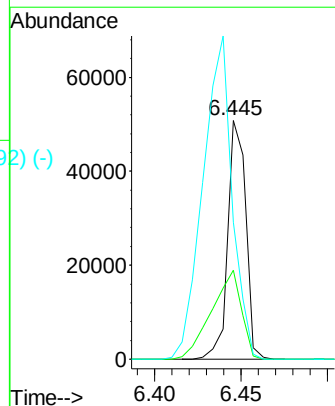
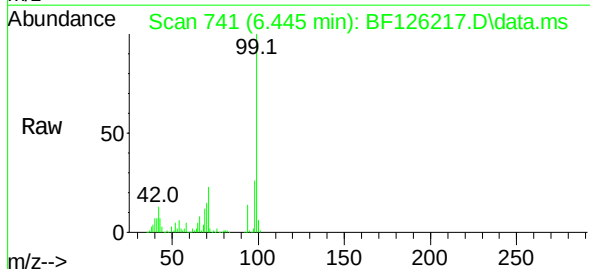
Instrument :
 BNA_F
 ClientSampleId :

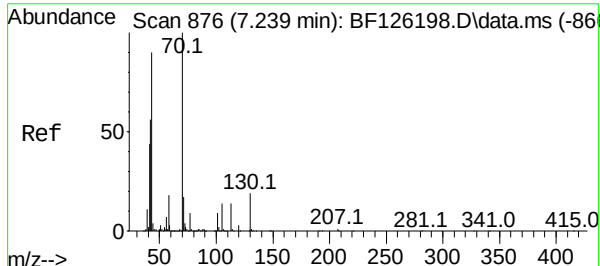
Tgt Ion: 99 Resp: 1636498
 Ion Ratio Lower Upper
 99 100
 42 17.6 23.5 35.3#
 71 29.8 25.6 38.4



Phenol
 Concen: 2.012 ng
 RT: 6.445 min Scan# 741
 Delta R.T. -0.012 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

Tgt Ion: 94 Resp: 37443
 Ion Ratio Lower Upper
 94 100
 65 37.3 9.3 49.3
 66 57.5 20.3 60.3

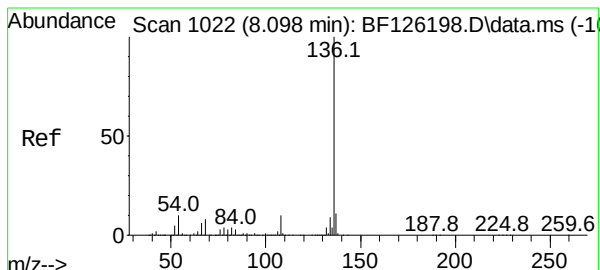
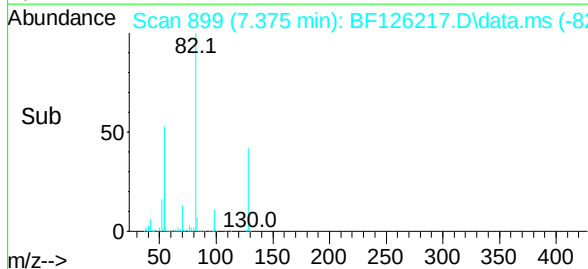
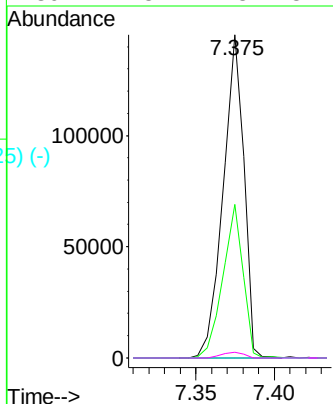
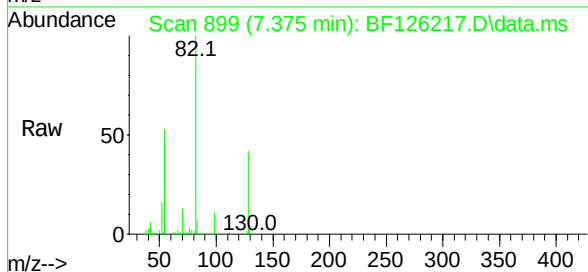




#19
n-Nitroso-di-n-propylamine
Concen: 13.076 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126217.D
Acq: 16 Dec 2021 18:06

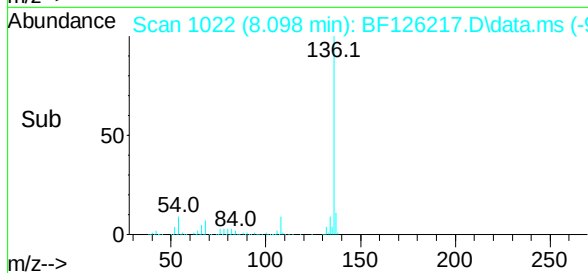
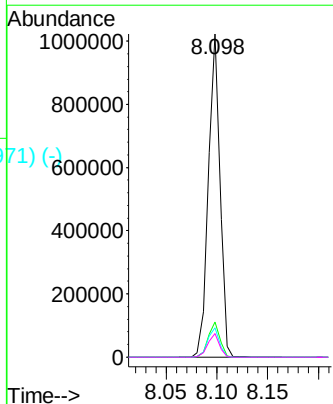
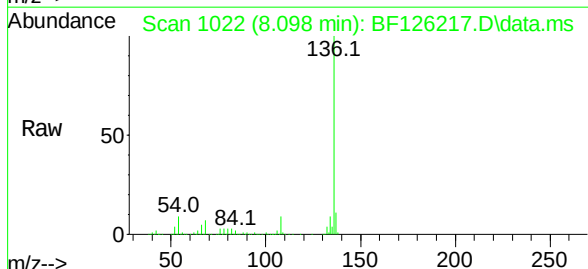
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	70	Resp:	133069
Ion	Ratio	Lower	Upper
70	100		
42	47.4	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	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: BF126217.D
Acq: 16 Dec 2021 18:06

Tgt Ion:	136	Resp:	812060
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.1	6.4	9.6
68	7.4	3.3	4.9#



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

Nitrobenzene-d5

Concen: 69.355 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

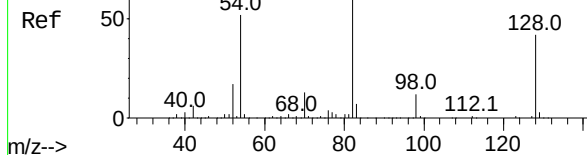
Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

Instrument :

BNA_F

ClientSampleId :



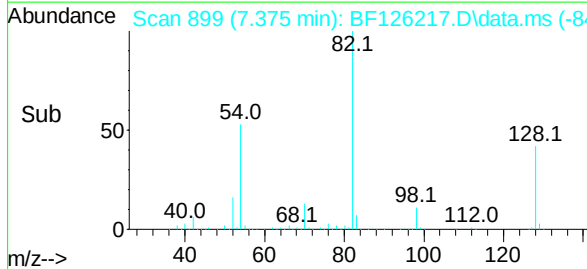
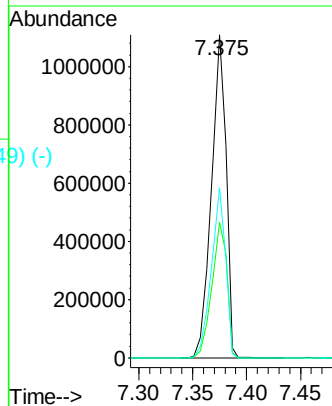
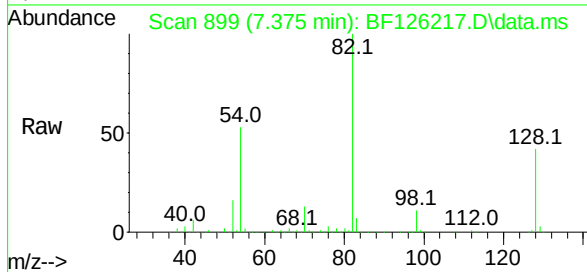
Tgt Ion: 82 Resp: 1039910

Ion Ratio Lower Upper

82 100

128 42.0 40.6 60.8

54 52.6 49.6 74.4



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

Isophorone

Concen: 35.730 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.270 min

Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

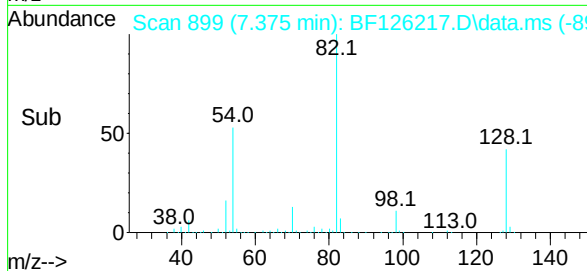
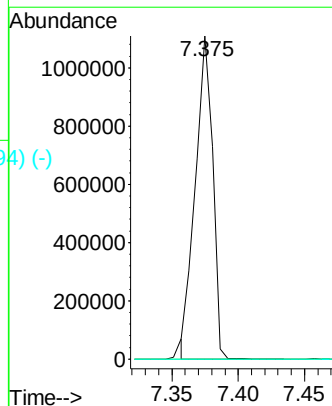
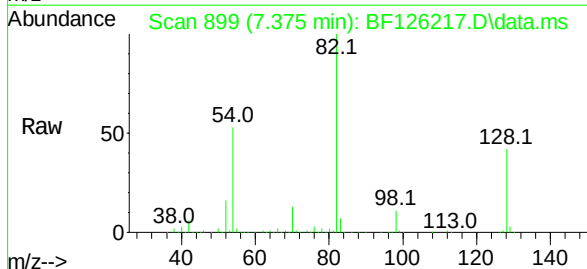
Tgt Ion: 82 Resp: 1011676

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

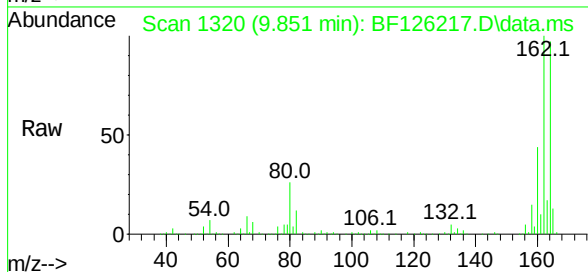
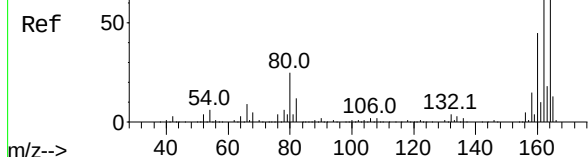
Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

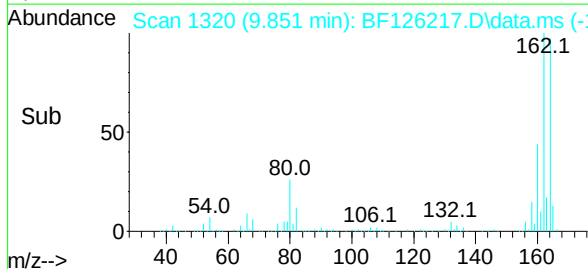
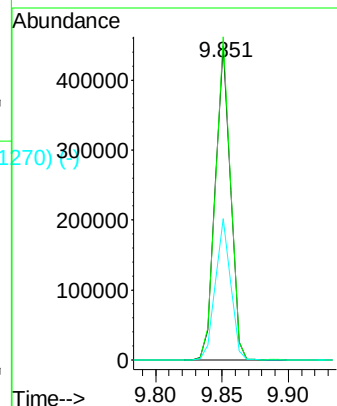
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	164	Resp:	361252
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.3	121.9
160	45.0	38.0	57.0



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1403)

2,4,6-Tribromophenol

Concen: 88.027 ng

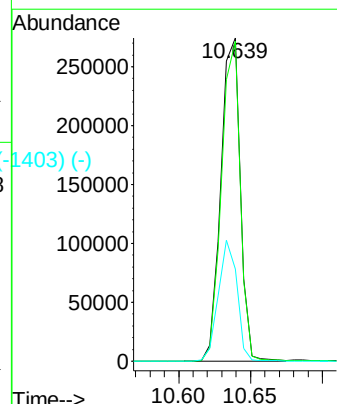
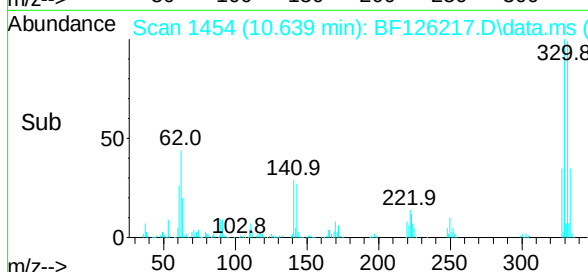
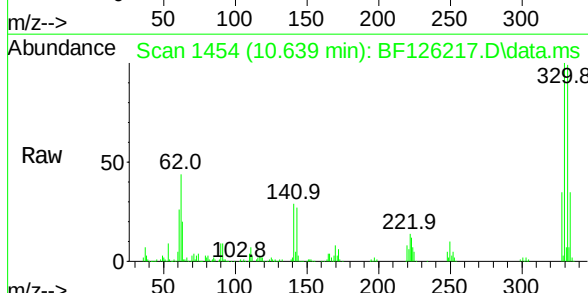
RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126217.D

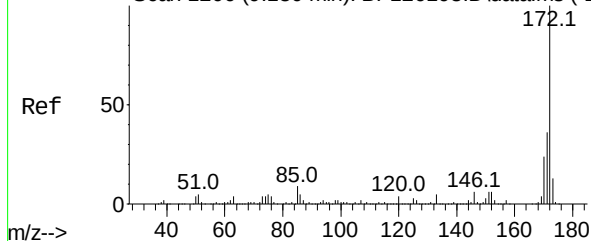
Acq: 16 Dec 2021 18:06

Tgt Ion:	330	Resp:	255559
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.4
141	36.2	44.6	66.8#



Abundance Scan 1454 (10.639 min): BF126217.D\data.ms (-1403)

Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1194)



2-Fluorobiphenyl

Concen: 67.046 ng

RT: 9.175 min Scan#

Delta R.T. -0.006 min

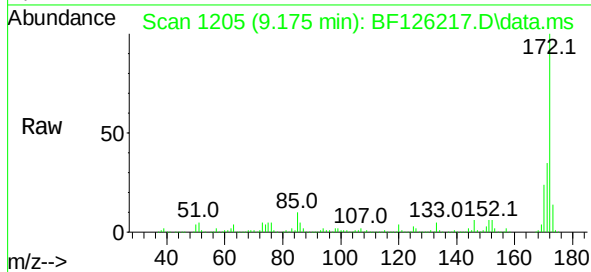
Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

Instrument :

BNA_F

ClientSampleId :



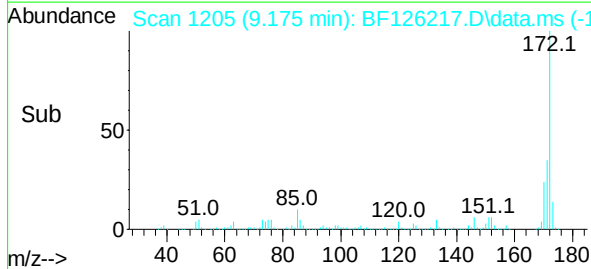
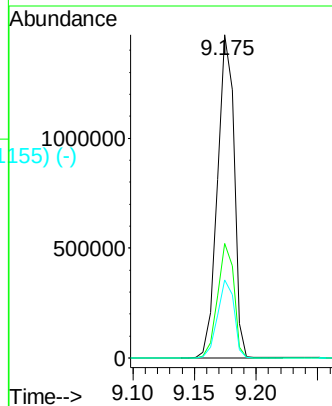
Tgt Ion:172 Resp: 1380968

Ion Ratio Lower Upper

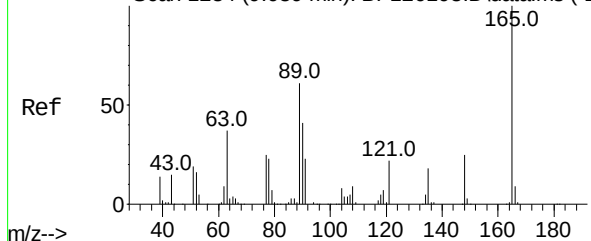
172 100

171 35.5 26.5 39.7

170 24.1 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-1278)



2,6-Dinitrotoluene

Concen: 9.410 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

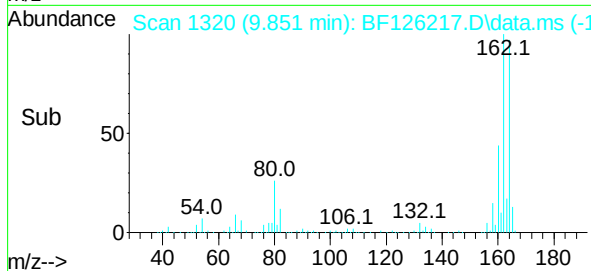
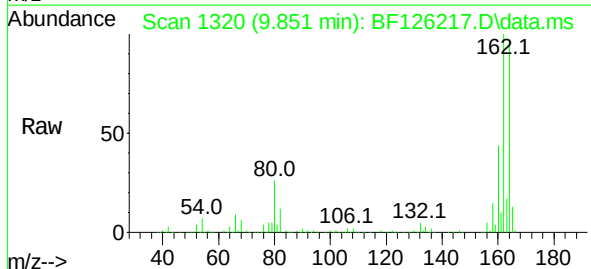
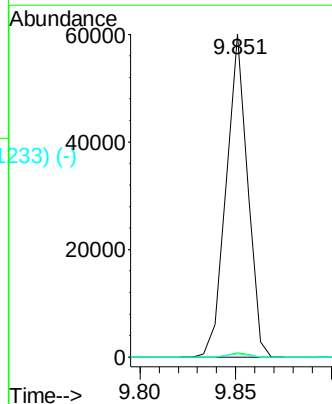
Tgt Ion:165 Resp: 46607

Ion Ratio Lower Upper

165 100

63 1.3 42.6 63.8#

89 1.0 40.6 60.8#



Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1352) (-)

2,4-Dinitrotoluene

Concen: 7.377 ng

RT: 9.851 min Scan#

Delta R.T. -0.188 min

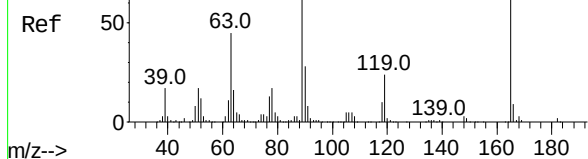
Lab File: BF126217.D

Acq: 16 Dec 2021 18:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 46607

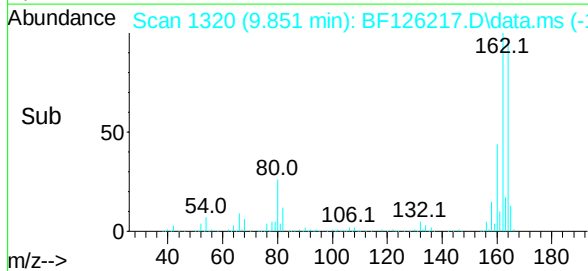
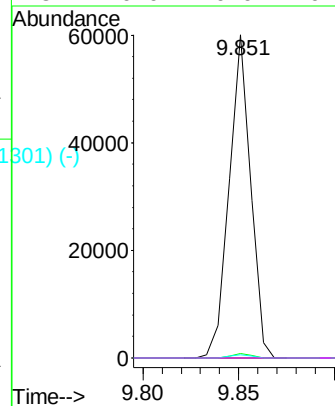
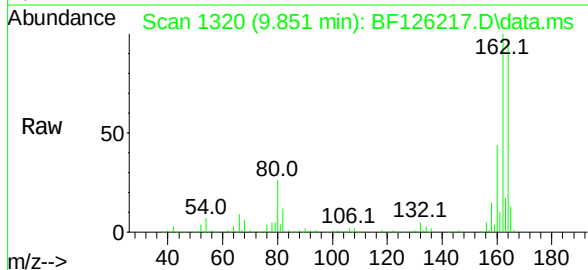
Ion Ratio Lower Upper

165 100

63 1.3 40.9 61.3#

89 1.0 59.7 89.5#

182 0.0 0.0 0.0



Abundance 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: BF126217.D

Acq: 16 Dec 2021 18:06

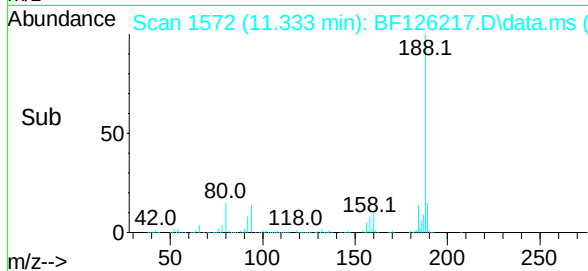
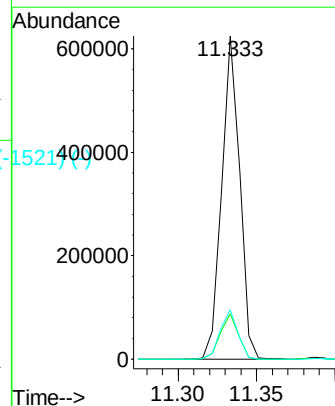
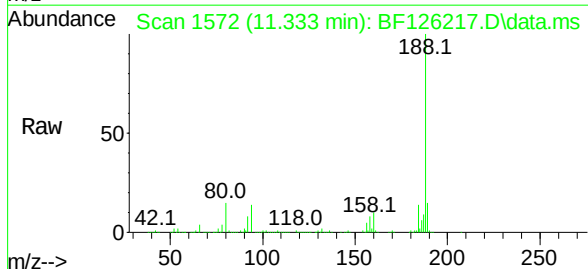
Tgt Ion:188 Resp: 498401

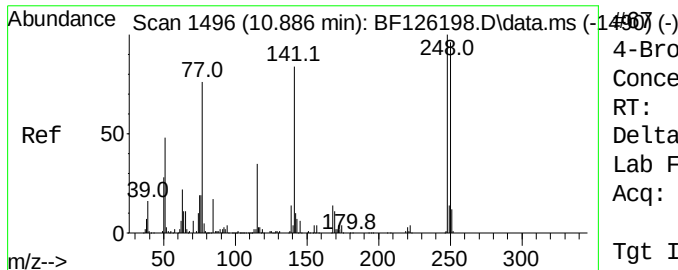
Ion Ratio Lower Upper

188 100

94 14.0 6.7 10.1#

80 15.2 7.5 11.3#

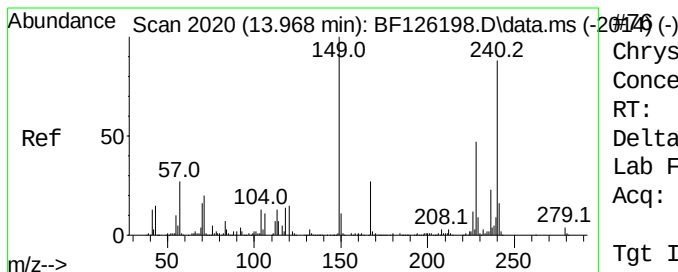
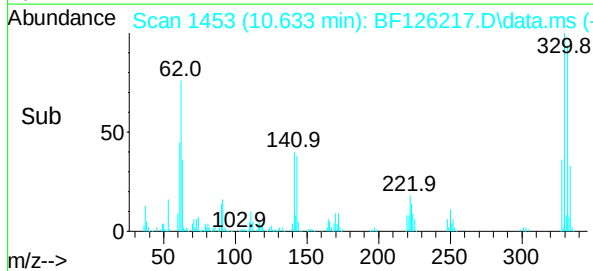
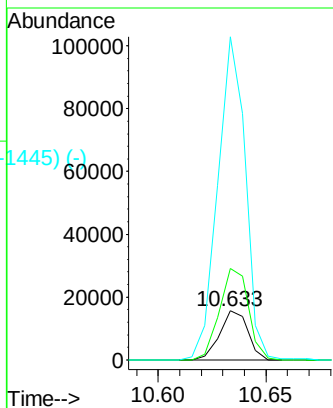
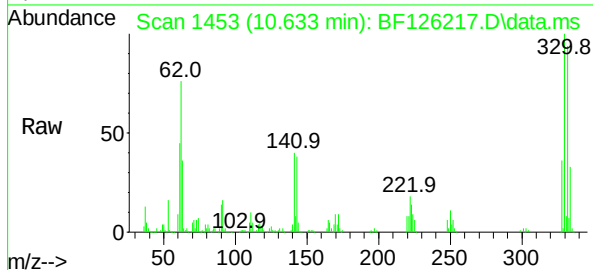




4-Bromophenyl-phenylether
 Concen: 3.075 ng
 RT: 10.633 min Scan# 1453
 Delta R.T. -0.253 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

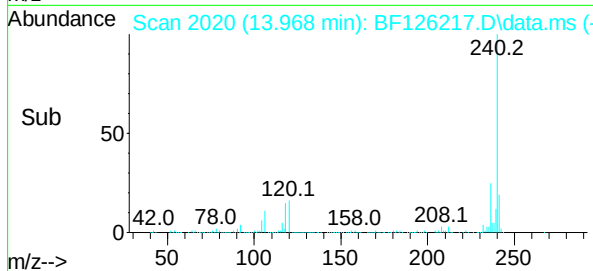
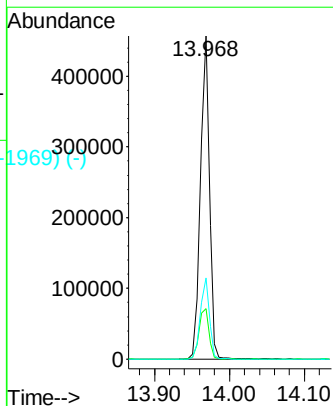
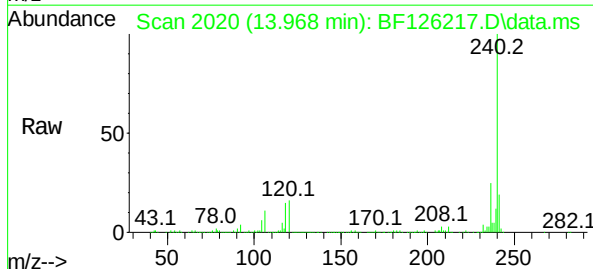
Instrument :
 BNA_F
 ClientSampleId :

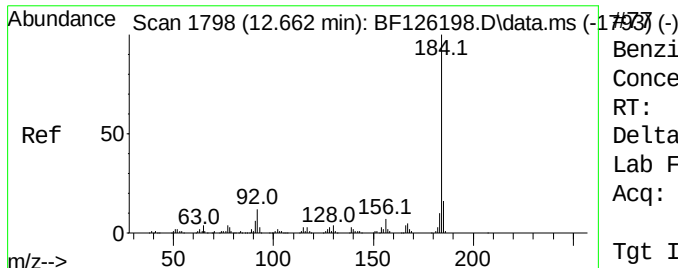
Tgt Ion:248 Resp: 14384
 Ion Ratio Lower Upper
 248 100
 250 185.1 74.2 111.4#
 141 655.8 60.4 90.6#



Chrysene-d12
 Concen: 20.000 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

Tgt Ion:240 Resp: 382453
 Ion Ratio Lower Upper
 240 100
 120 15.6 10.8 16.2
 236 25.0 21.6 32.4

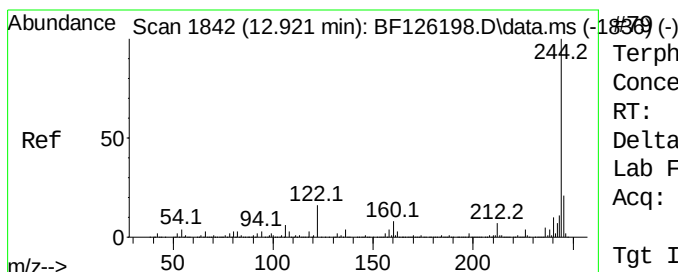
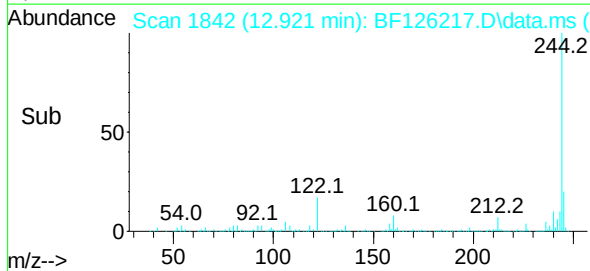
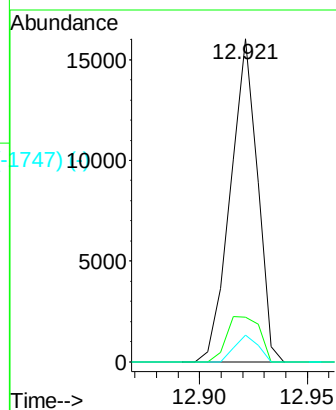
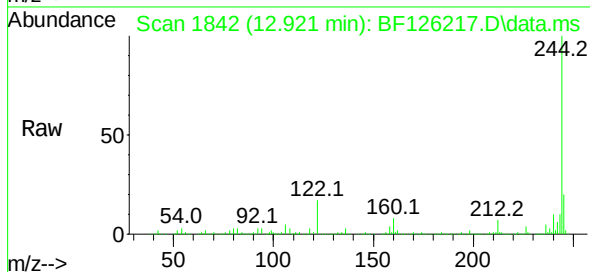




Benzidine
Concen: 2.335 ng
RT: 12.921 min Scan# 1798
Delta R.T. 0.259 min
Lab File: BF126217.D
Acq: 16 Dec 2021 18:06

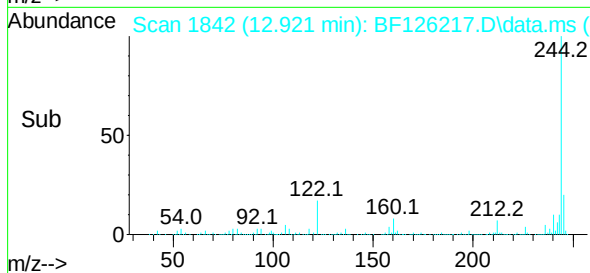
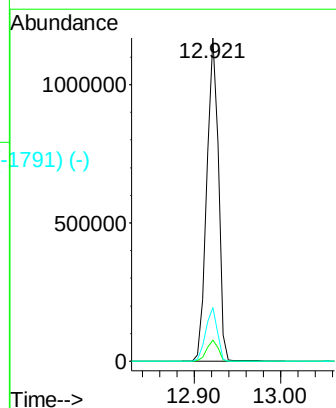
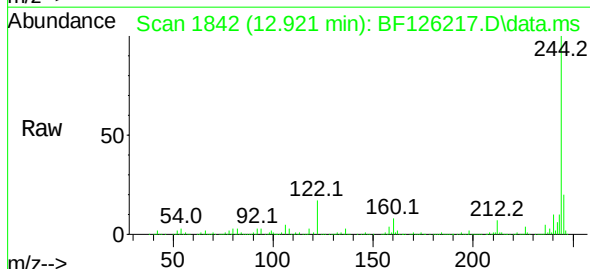
Instrument :
BNA_F
ClientSampleId :

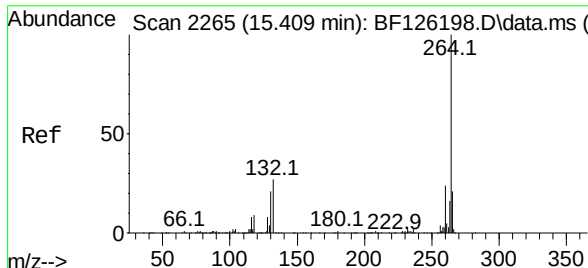
Tgt Ion:	184	Resp:	14080
Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.8	16.2
183	8.3	8.1	12.1



Terphenyl-d14
Concen: 49.307 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126217.D
Acq: 16 Dec 2021 18:06

Tgt Ion:	244	Resp:	1084953
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	16.5	9.0	13.4#





Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF126217.D
 Acq: 16 Dec 2021 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	264	Resp:	285991
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.5	17.2	25.8

