

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126223.D
 Acq On : 16 Dec 2021 21:23
 Operator : JU/CG
 Sample : M4927-07RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:48:16 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)

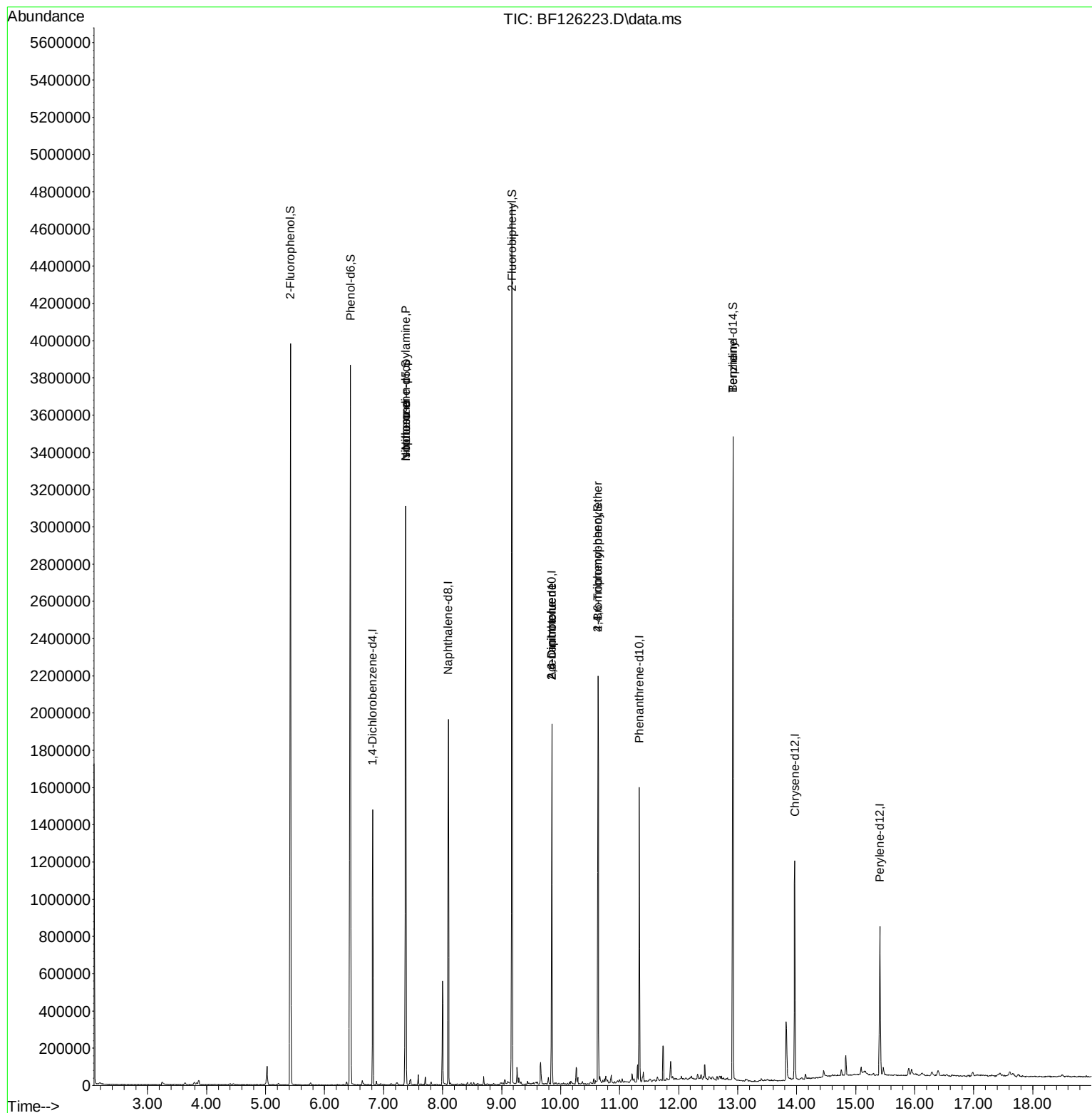
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192981	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	789150	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	351526	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	490665	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	370192	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	307993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1259004	96.075	ng	0.00
7) Phenol-d6	6.439	99	1611195	96.831	ng	0.00
23) Nitrobenzene-d5	7.375	82	1013026	69.524	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	241090	85.341	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1362536	67.981	ng	0.00
79) Terphenyl-d14	12.921	244	1064780	49.993	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	130037	12.730	ng	# 53
25) Isophorone	7.375	82	983814	35.755	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	45804	9.504	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	45804	7.450	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	13713	2.978	ng	# 1
77) Benzidine	12.921	184	12608	2.160	ng	95

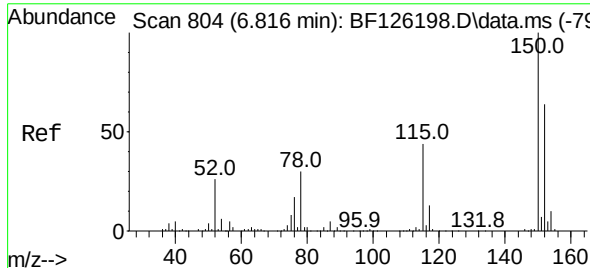
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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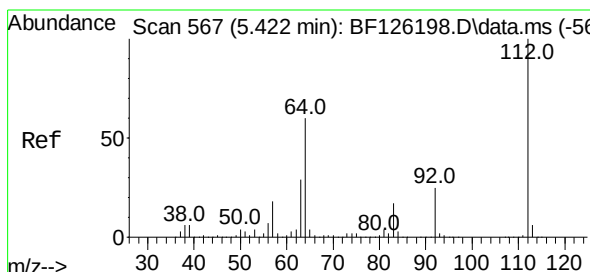
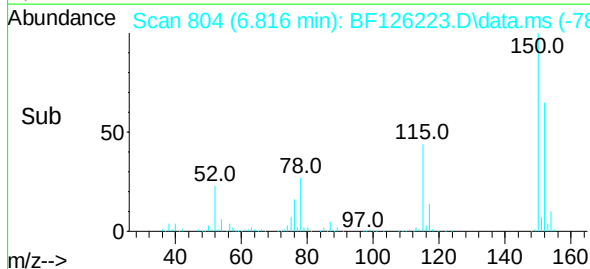
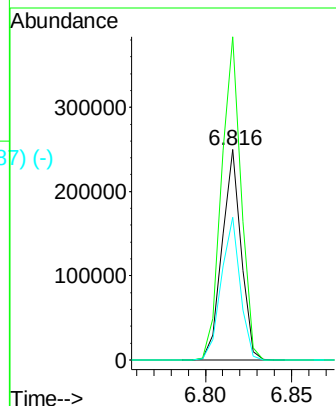
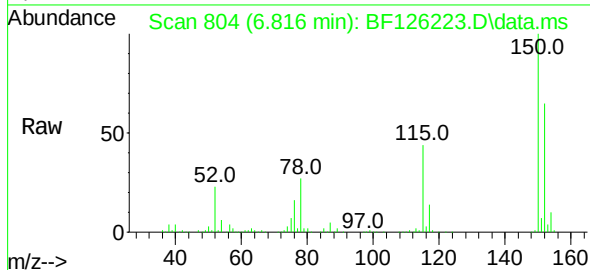




Scan 804 (6.816 min): BF126198.D\data.ms (-799) #1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126223.D
 Acq: 16 Dec 2021 21:23

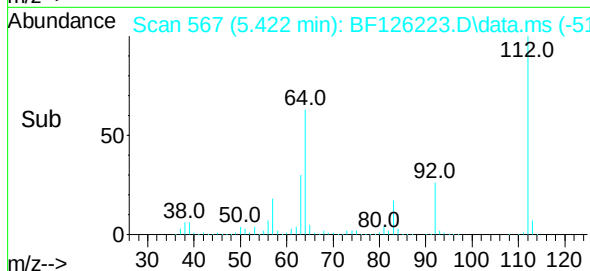
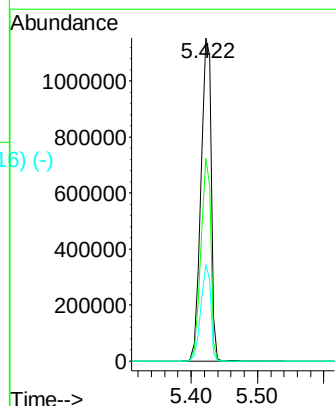
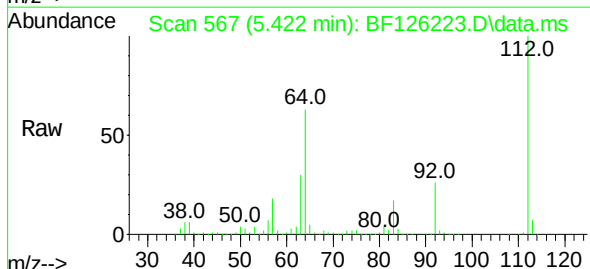
Instrument :
 BNA_F
 ClientSampleId :

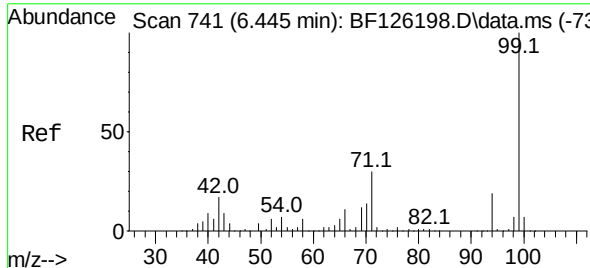
Tgt Ion:	152	Resp:	192981
Ion	Ratio	Lower	Upper
152	100		
150	153.6	117.6	176.4
115	67.8	47.1	70.7



Scan 567 (5.422 min): BF126198.D\data.ms (-560) #5
 2-Fluorophenol
 Concen: 96.075 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: BF126223.D
 Acq: 16 Dec 2021 21:23

Tgt Ion:	112	Resp:	1259004
Ion	Ratio	Lower	Upper
112	100		
64	62.8	44.2	66.2
63	29.8	26.2	39.2





Phenol-d6

Concen: 96.831 ng

RT: 6.439 min Scan#

Delta R.T. -0.006 min

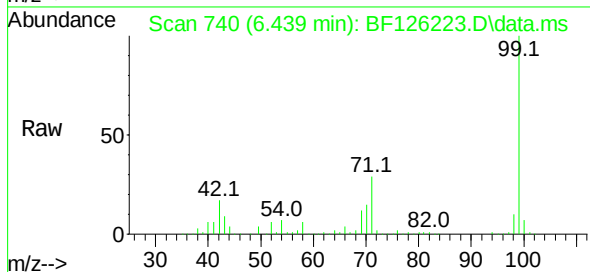
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :



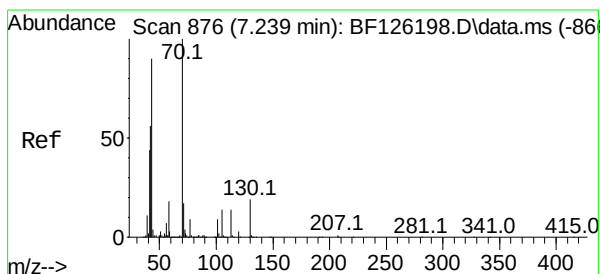
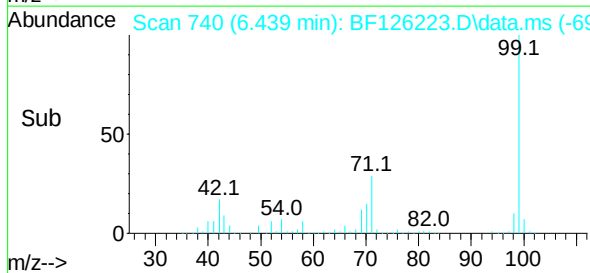
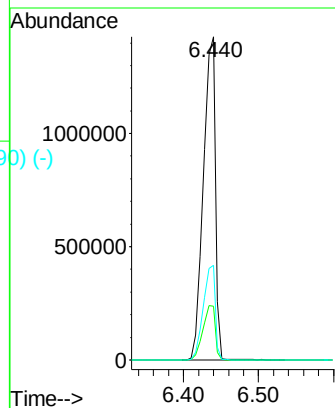
Tgt Ion: 99 Resp: 1611195

Ion Ratio Lower Upper

99 100

42 16.7 23.5 35.3#

71 29.3 25.6 38.4



n-Nitroso-di-n-propylamine

Concen: 12.730 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.135 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Tgt Ion: 70 Resp: 130037

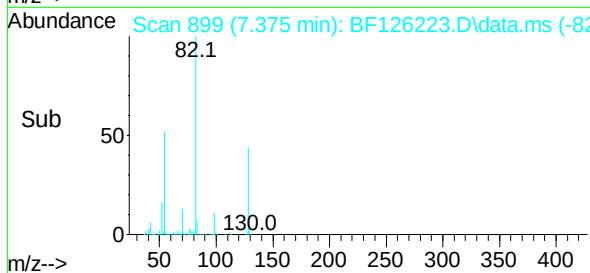
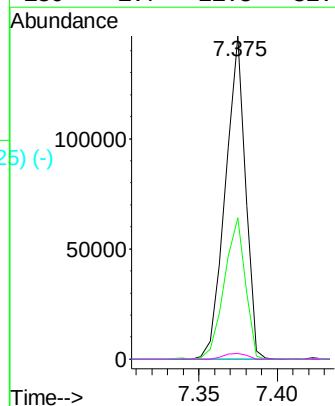
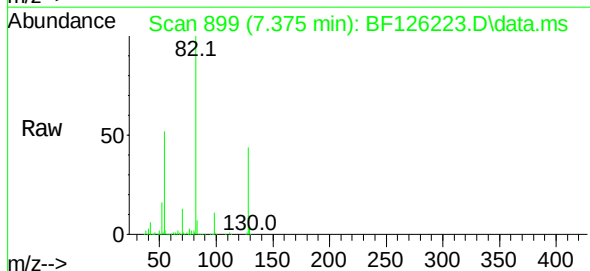
Ion Ratio Lower Upper

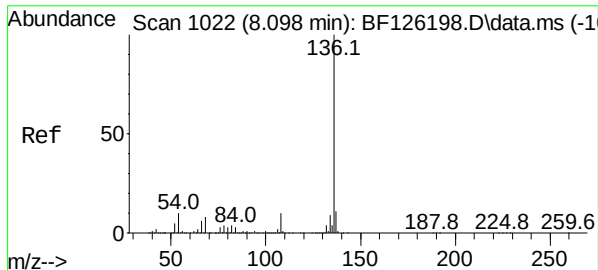
70 100

42 43.8 72.2 108.2#

101 0.0 7.8 11.8#

130 1.7 21.8 32.6#





Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

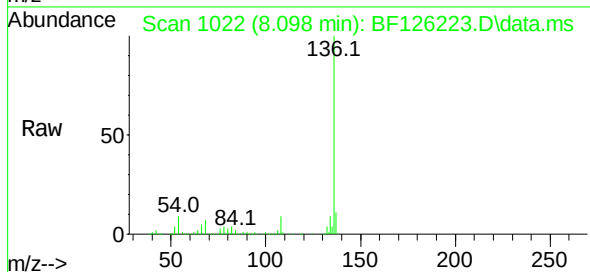
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 136 Resp: 789150

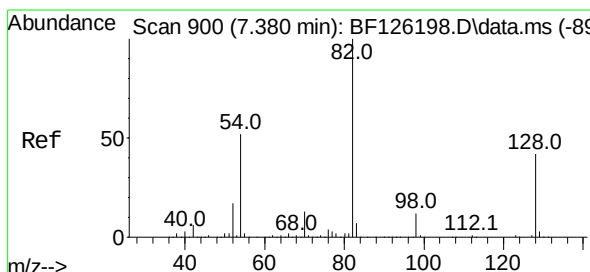
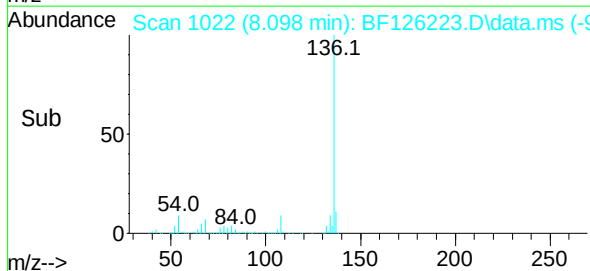
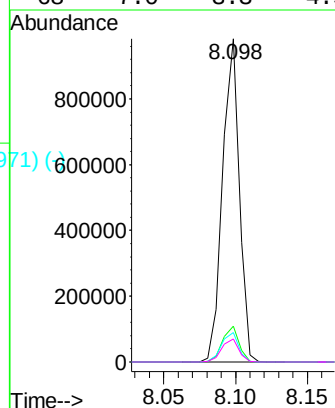
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 9.0 6.4 9.6

68 7.0 3.3 4.9#



Nitrobenzene-d5

Concen: 69.524 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

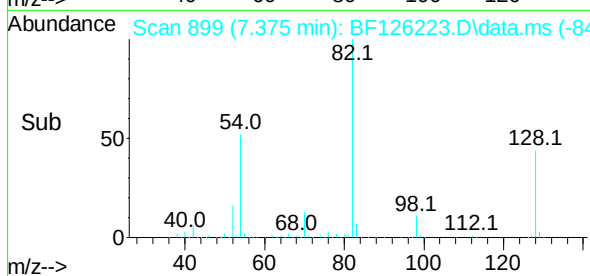
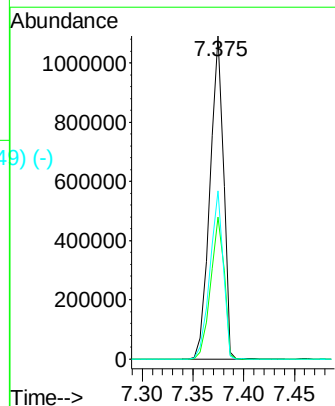
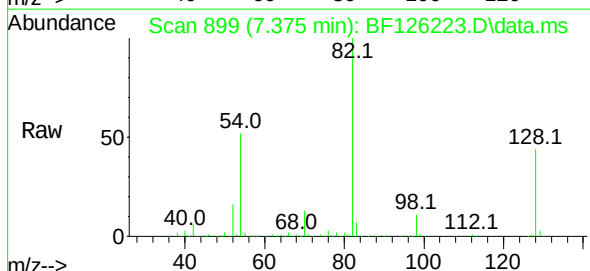
Tgt Ion: 82 Resp: 1013026

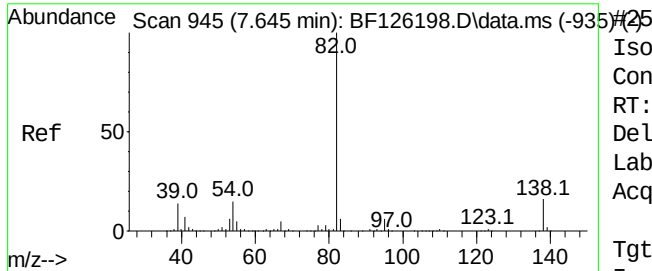
Ion Ratio Lower Upper

82 100

128 44.0 40.6 60.8

54 52.1 49.6 74.4





Isophorone

Concen: 35.755 ng

RT: 7.375 min Scan# 81

Delta R.T. -0.270 min

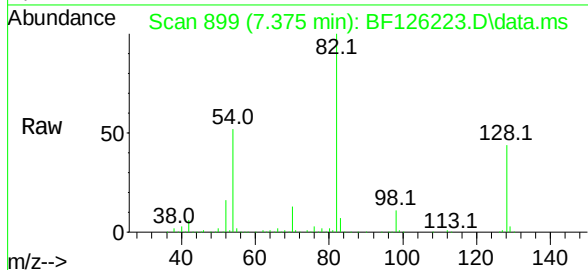
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :



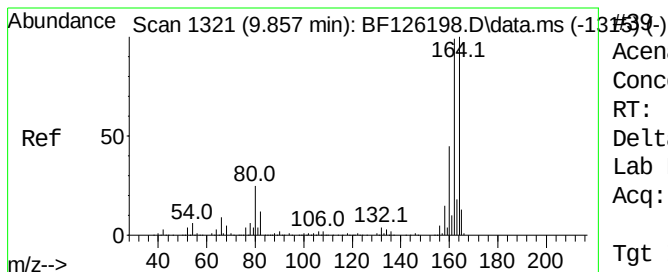
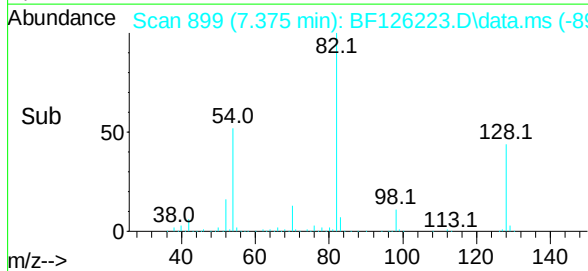
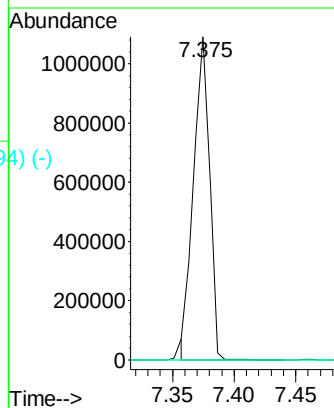
Tgt Ion: 82 Resp: 983814

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

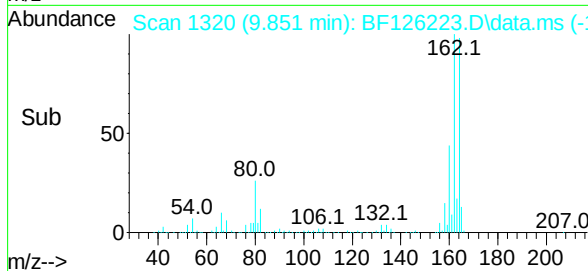
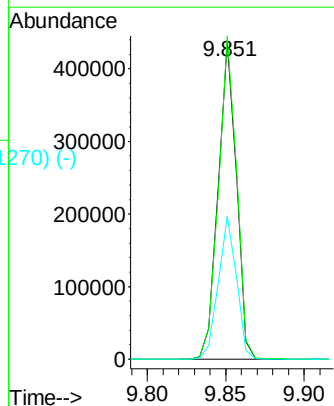
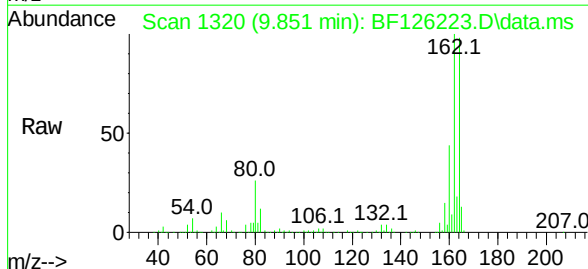
Tgt Ion: 164 Resp: 351526

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.1 38.0 57.0



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

2,4,6-Tribromophenol

Concen: 85.341 ng

RT: 10.633 min Scan# 1403

Delta R.T. -0.006 min

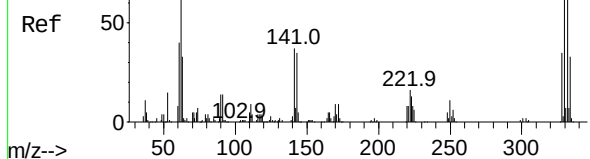
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :



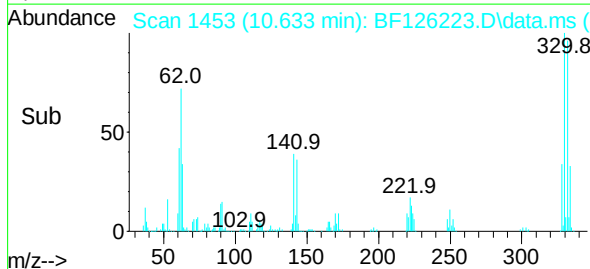
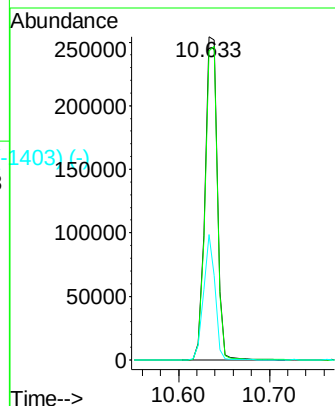
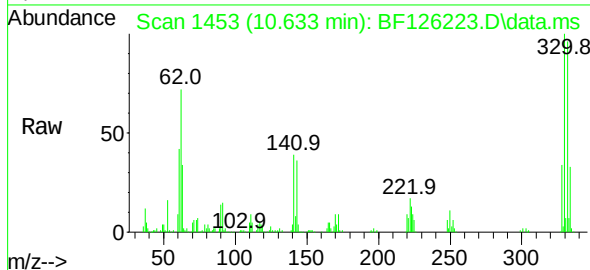
Tgt Ion:330 Resp: 241090

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 35.7 44.6 66.8#



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

2-Fluorobiphenyl

Concen: 67.981 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

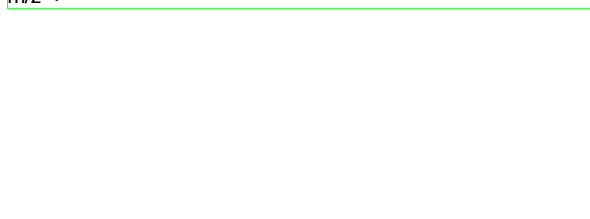
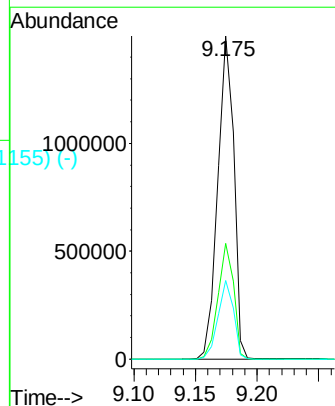
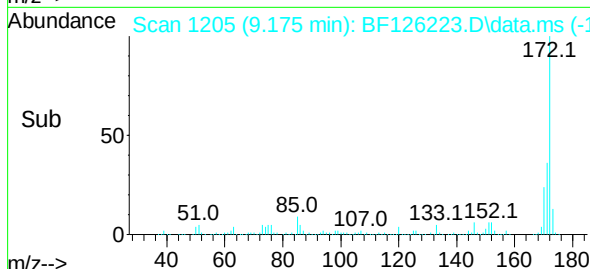
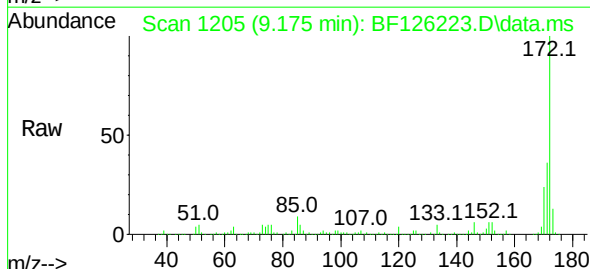
Tgt Ion:172 Resp: 1362536

Ion Ratio Lower Upper

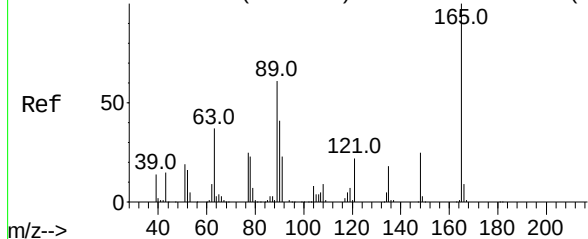
172 100

171 35.8 26.5 39.7

170 24.3 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12751-)



2,6-Dinitrotoluene

Concen: 9.504 ng

RT: 9.851 min Scan#

Delta R.T. 0.212 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :

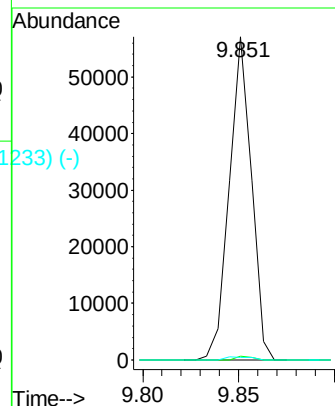
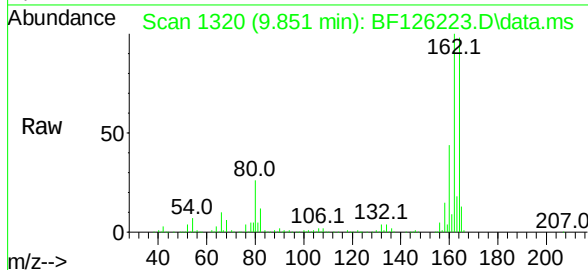
Tgt Ion:165 Resp: 45804

Ion Ratio Lower Upper

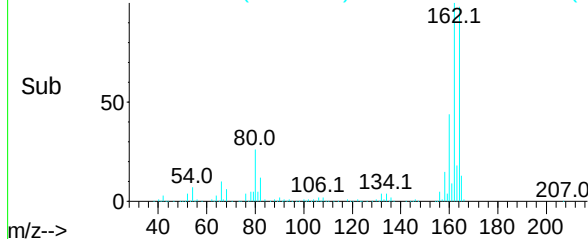
165 100

63 1.1 42.6 63.8#

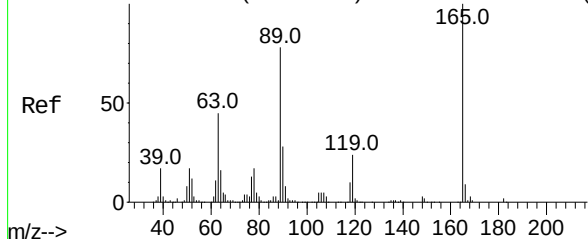
89 0.9 40.6 60.8#



Abundance Scan 1320 (9.851 min): BF126223.D\data.ms (-1233) (-)



Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1345) (-)



2,4-Dinitrotoluene

Concen: 7.450 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Tgt Ion:165 Resp: 45804

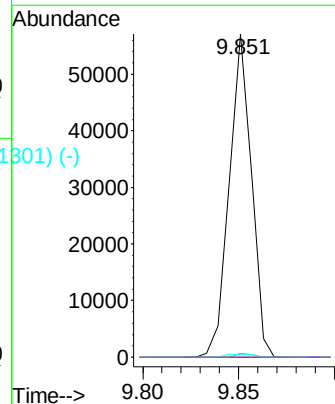
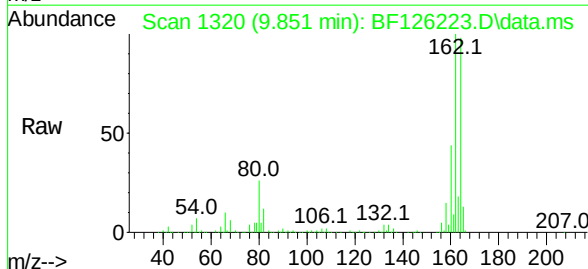
Ion Ratio Lower Upper

165 100

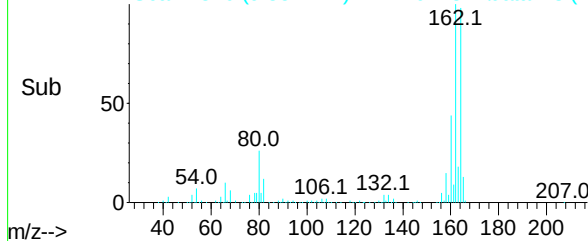
63 1.1 40.9 61.3#

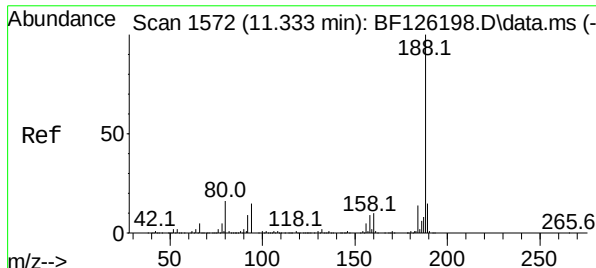
89 0.9 59.7 89.5#

182 0.0 0.0 0.0



Abundance Scan 1320 (9.851 min): BF126223.D\data.ms (-1301) (-)

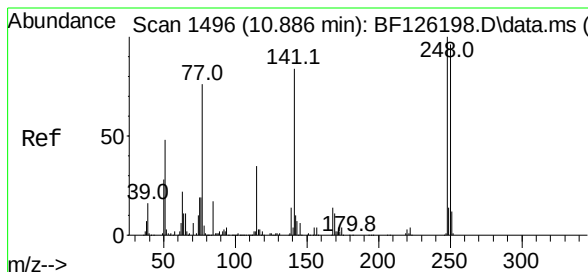
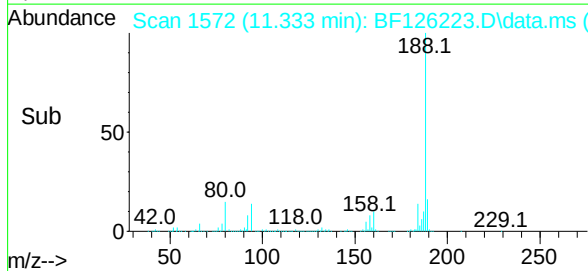
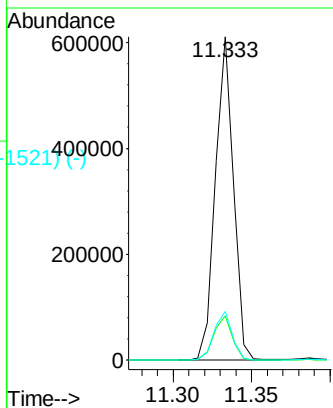
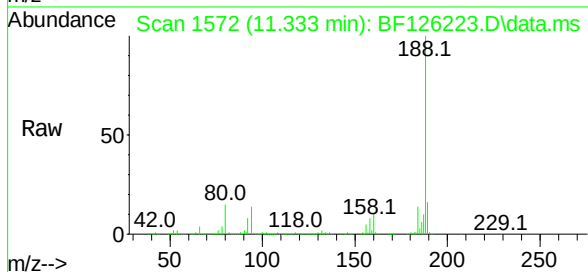




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1564
 Delta R.T. 0.000 min
 Lab File: BF126223.D
 Acq: 16 Dec 2021 21:23

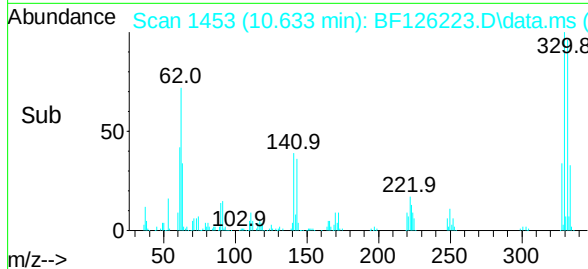
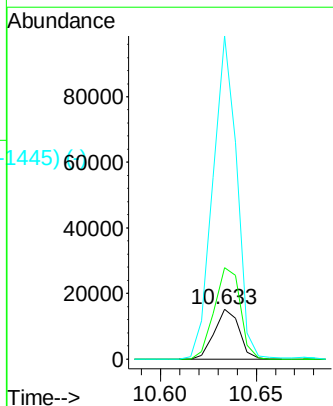
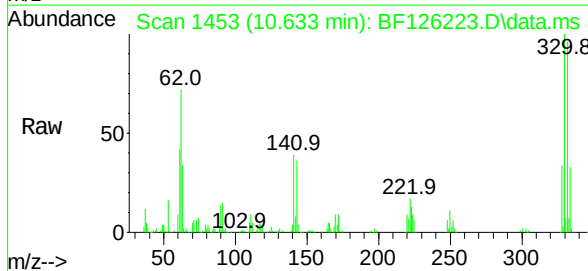
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	188	Resp:	490665
Ion Ratio	Lower	Upper	
188	100		
94	13.7	6.7	10.1#
80	15.0	7.5	11.3#



4-Bromophenyl-phenylether
 Concen: 2.978 ng
 RT: 10.633 min Scan# 1453
 Delta R.T. -0.253 min
 Lab File: BF126223.D
 Acq: 16 Dec 2021 21:23

Tgt Ion:	248	Resp:	13713
Ion Ratio	Lower	Upper	
248	100		
250	182.5	74.2	111.4#
141	644.1	60.4	90.6#



Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-174) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1

Delta R.T. 0.000 min

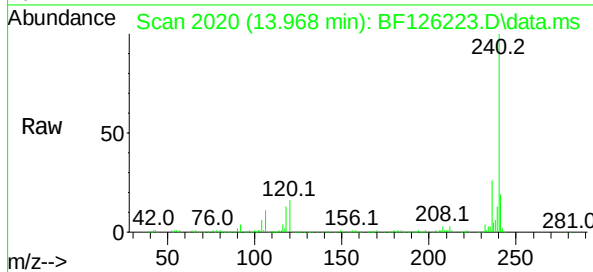
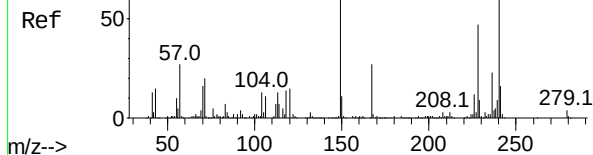
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

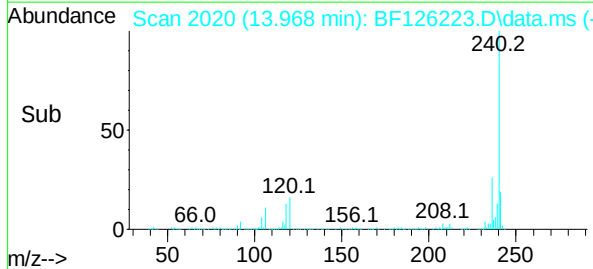
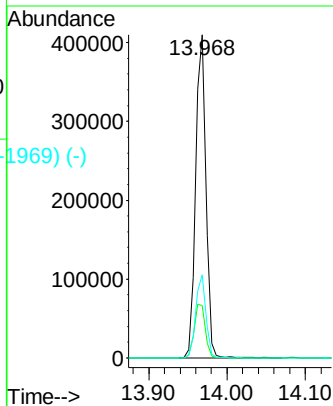
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	240	Resp:	370192
Ion	Ratio	Lower	Upper
240	100		
120	16.3	10.8	16.2#
236	25.8	21.6	32.4



Abundance Scan 1798 (12.662 min): BF126198.D\data.ms (-173) (-)

Benzidine

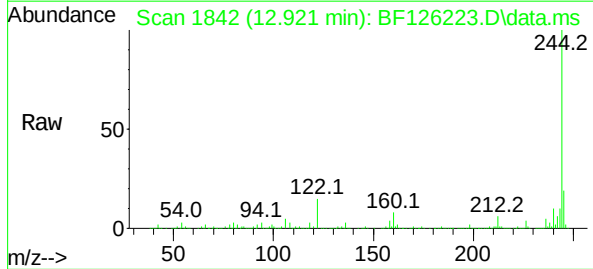
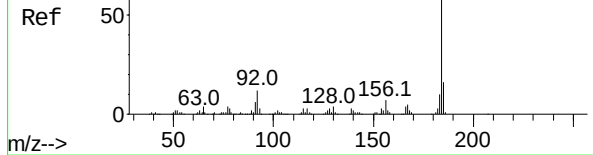
Concen: 2.160 ng

RT: 12.921 min Scan# 1842

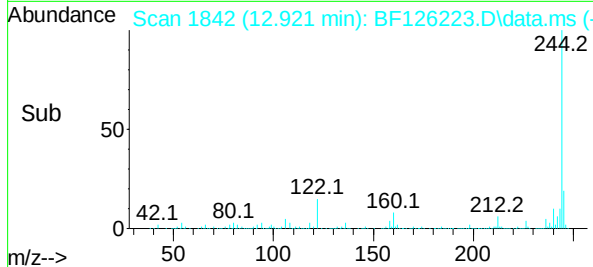
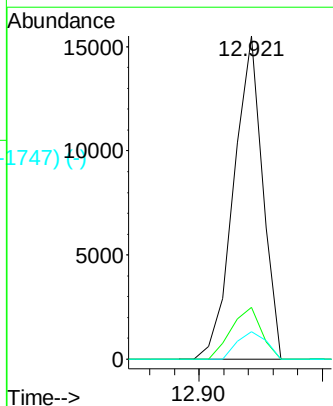
Delta R.T. 0.259 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23



Tgt Ion:	184	Resp:	12608
Ion	Ratio	Lower	Upper
184	100		
185	16.0	10.8	16.2
183	8.4	8.1	12.1



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 49.993 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

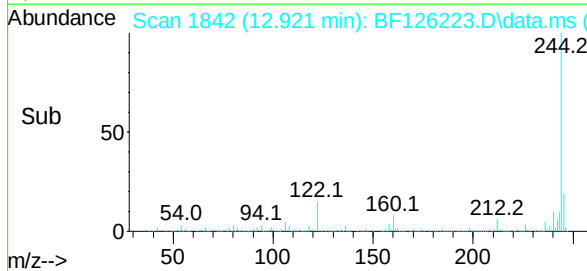
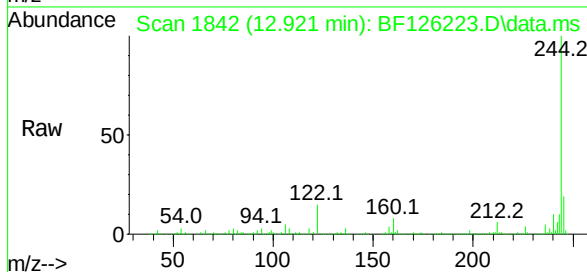
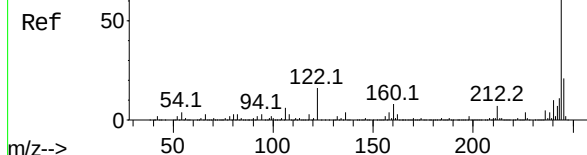
Lab File: BF126223.D

Acq: 16 Dec 2021 21:23

Instrument :

BNA_F

ClientSampleId :



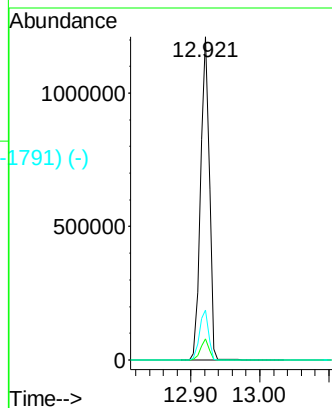
Tgt Ion:244 Resp: 1064780

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 15.5 9.0 13.4#



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2286) (-)

Perylene-d12

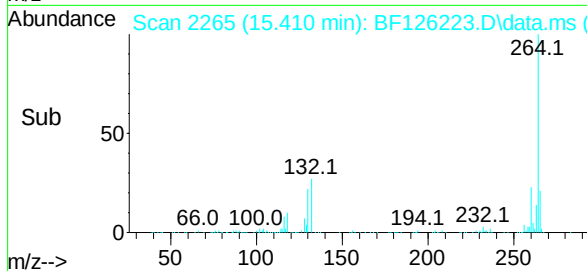
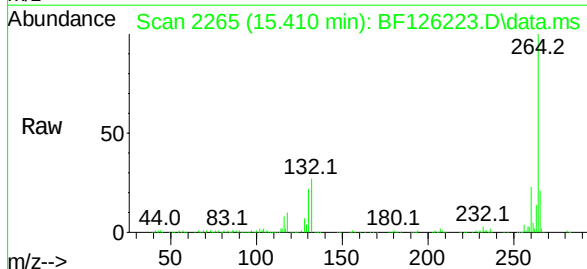
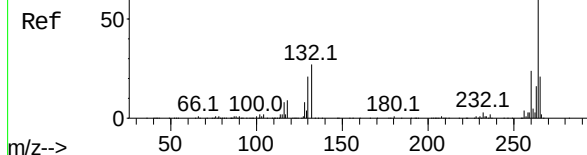
Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126223.D

Acq: 16 Dec 2021 21:23



Tgt Ion:264 Resp: 307993

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 21.2 17.2 25.8

