

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139720.D
 Acq On : 09 Oct 2024 14:08
 Operator : RC/JU
 Sample : P4342-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PORT-ELIZABETH-1201

Quant Time: Oct 09 14:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

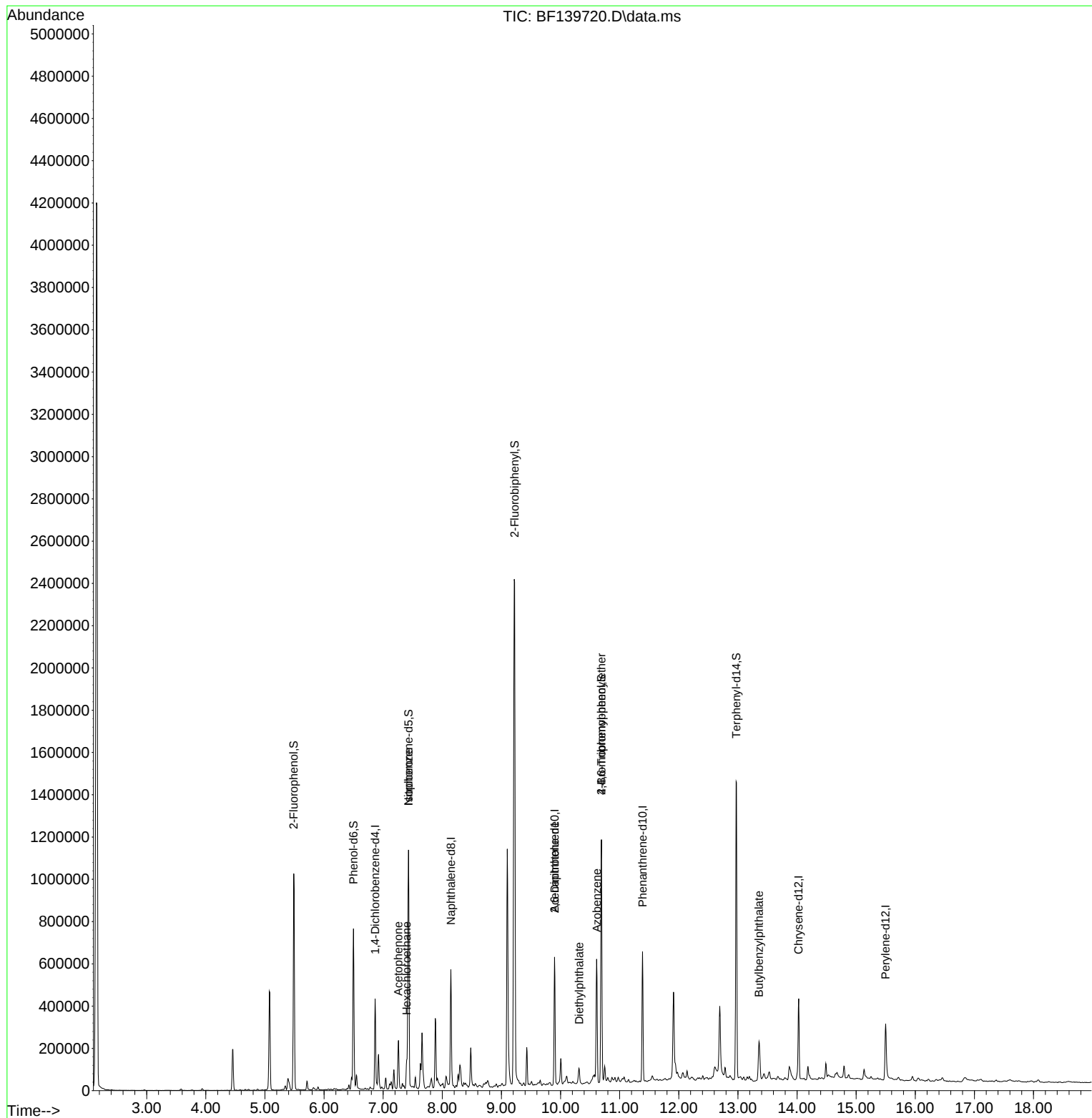
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83372	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	313731	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	173613	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	316016	20.000	ng	0.00
76) Chrysene-d12	14.027	240	177795	20.000	ng	0.00
86) Perylene-d12	15.498	264	139480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	353605	73.512	ng	0.00
7) Phenol-d6	6.499	99	330719	51.126	ng	0.00
23) Nitrobenzene-d5	7.428	82	468219	75.562	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	171018	102.042	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	820878	72.587	ng	0.00
79) Terphenyl-d14	12.975	244	691074	63.778	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.398	117	6321	2.886	ng	# 1
22) Acetophenone	7.257	105	16278	2.186	ng	# 49
25) Isophorone	7.428	82	465530	42.299	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23266	9.063	ng	# 18
60) Diethylphthalate	10.316	149	30425	2.592	ng	# 99
63) Azobenzene	10.616	77	110023	9.320	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	11704	3.612	ng	# 1
80) Butylbenzylphthalate	13.357	149	33140	5.826	ng	# 25

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

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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

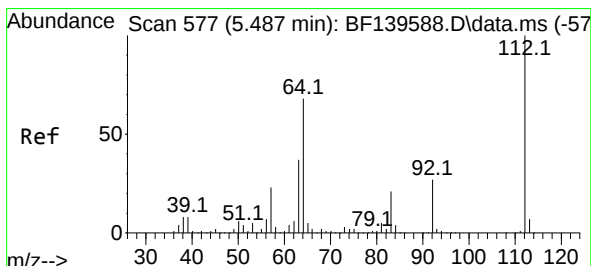
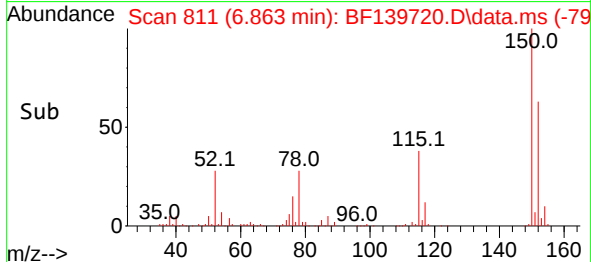
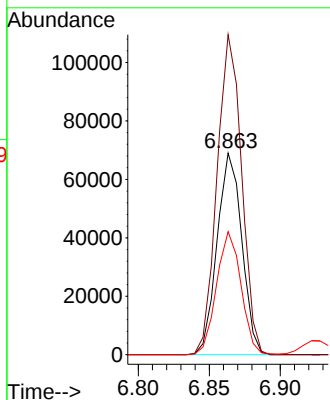
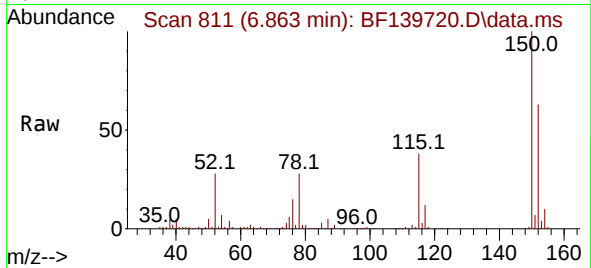




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

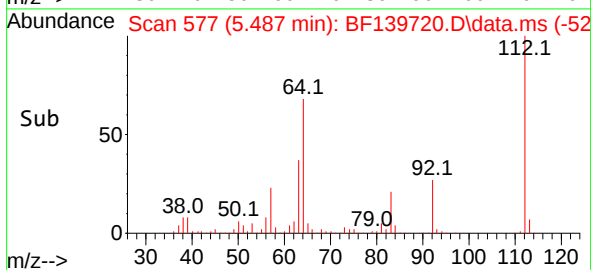
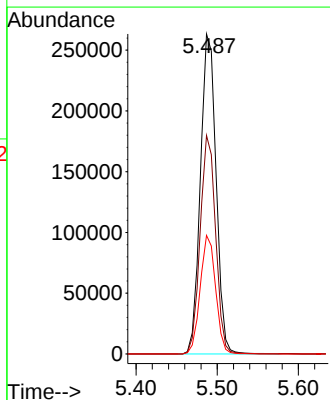
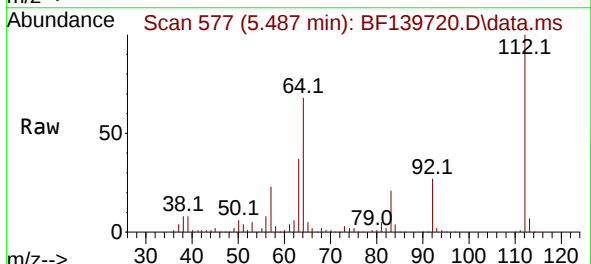
Instrument :
BNA_F
ClientSampleId :
PORT-ELIZABETH-1201

Tgt Ion:152 Resp: 83372
Ion Ratio Lower Upper
152 100
150 158.7 127.2 190.8
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 73.512 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

Tgt Ion:112 Resp: 353605
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.0 29.4 44.2

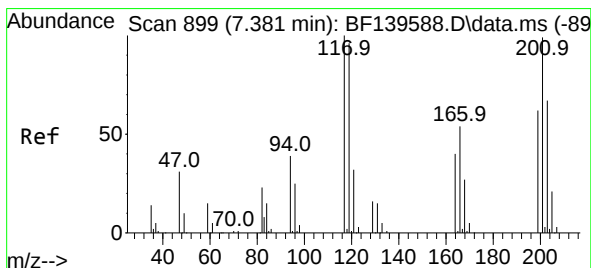
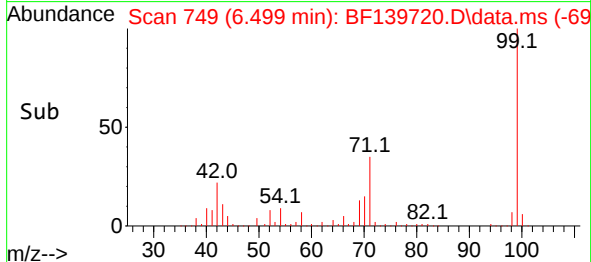
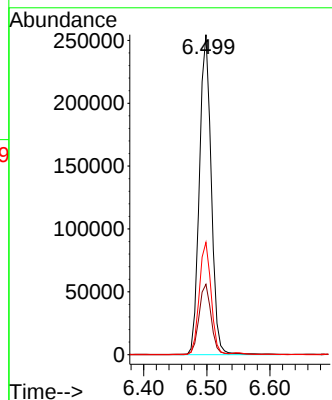
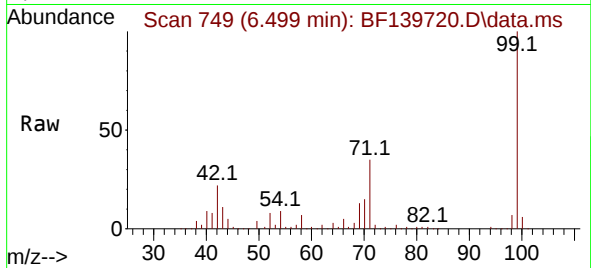




#7
Phenol-d6
Concen: 51.126 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

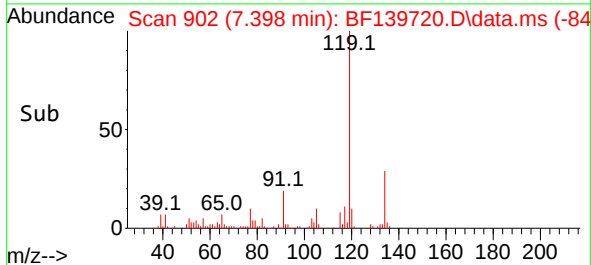
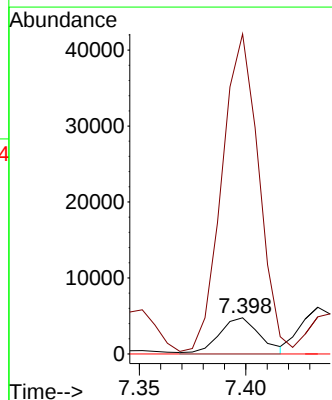
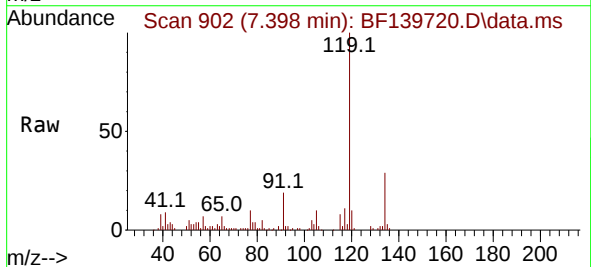
Instrument :
BNA_F
ClientSampleId :
PORT-ELIZABETH-1201

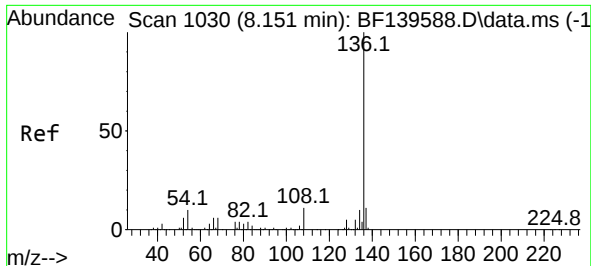
Tgt Ion: 99 Resp: 330719
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.1 29.7 44.5



#18
Hexachloroethane
Concen: 2.886 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.018 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

Tgt Ion: 117 Resp: 6321
Ion Ratio Lower Upper
117 100
119 886.2 77.0 115.6#
201 0.0 79.2 118.8#

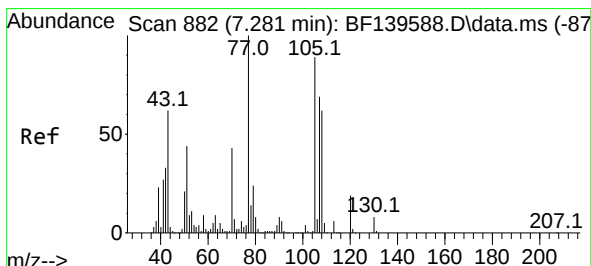
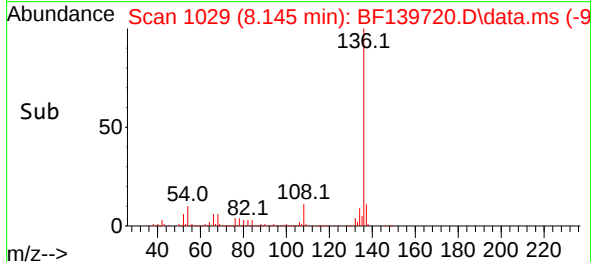
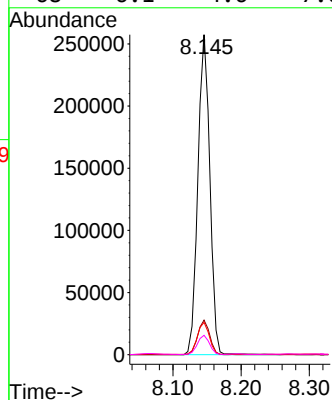
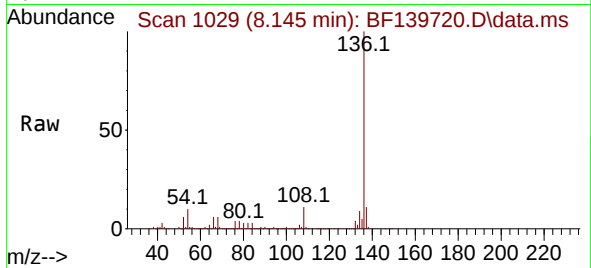




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

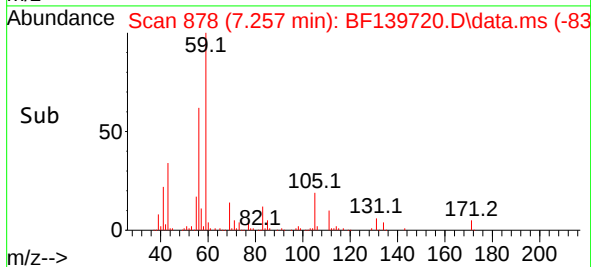
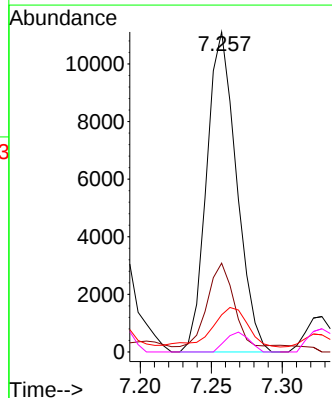
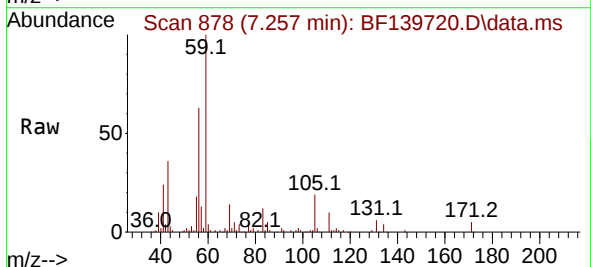
Instrument :
BNA_F
ClientSampleId :
PORT-ELIZABETH-1201

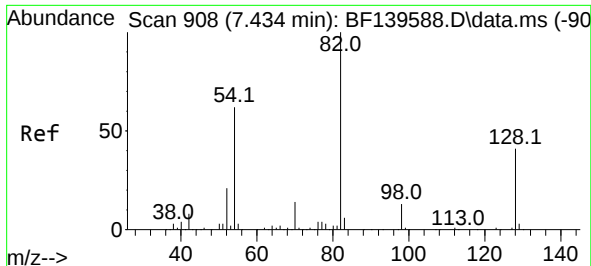
Tgt	Ion:136	Resp:	313731
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.3	12.5
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 2.186 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.023 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

Tgt	Ion:105	Resp:	16278
Ion	Ratio	Lower	Upper
105	100		
71	27.7	6.6	10.0#
51	11.6	39.4	59.0#
120	2.5	17.4	26.2#





#23

Nitrobenzene-d5

Concen: 75.562 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PORT-ELIZABETH-1201

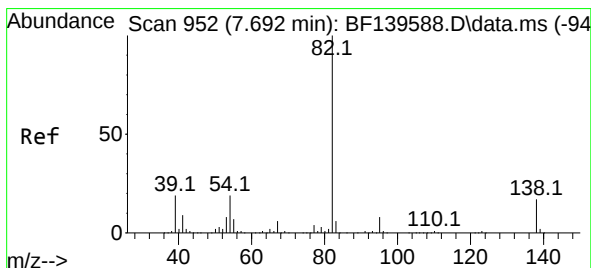
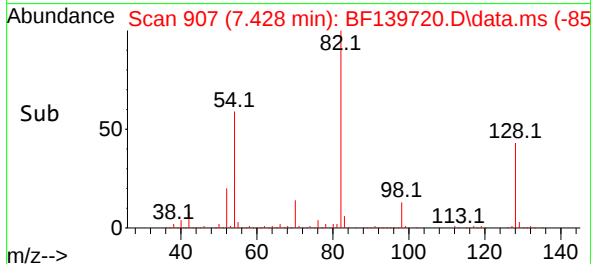
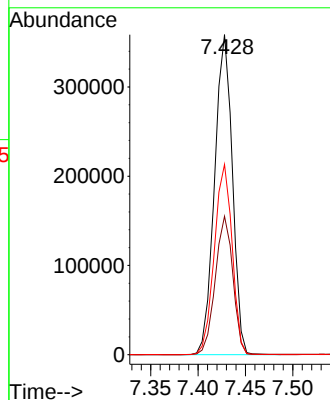
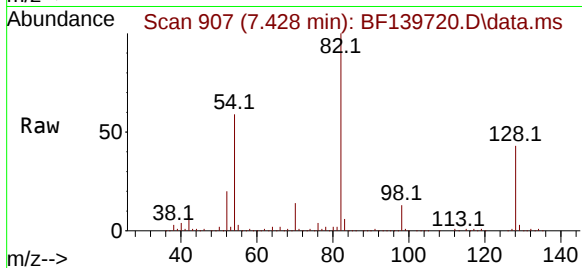
Tgt Ion: 82 Resp: 468219

Ion Ratio Lower Upper

82 100

128 43.2 32.4 48.6

54 59.4 49.1 73.7



#25

Isophorone

Concen: 42.299 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

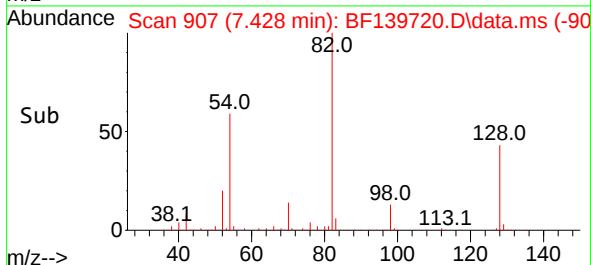
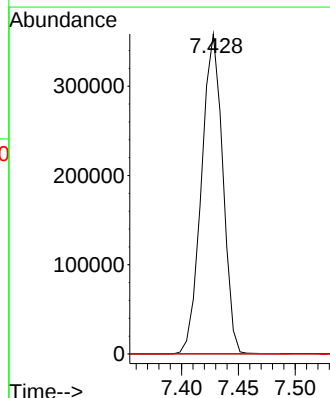
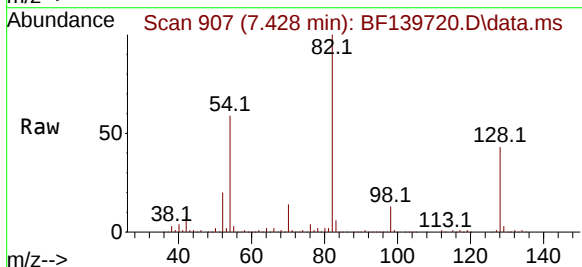
Tgt Ion: 82 Resp: 465530

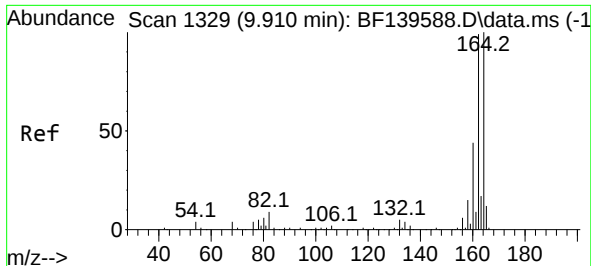
Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 13.4 20.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PORT-ELIZABETH-1201

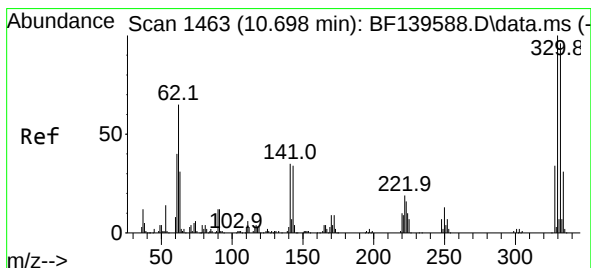
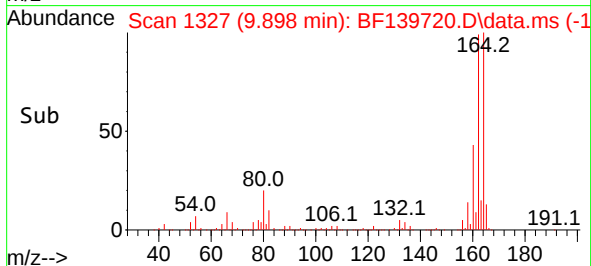
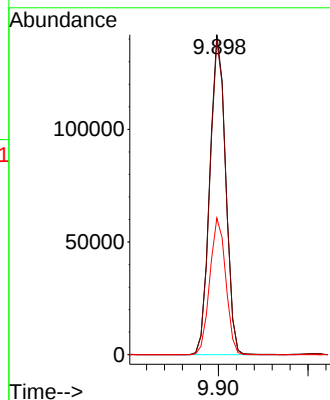
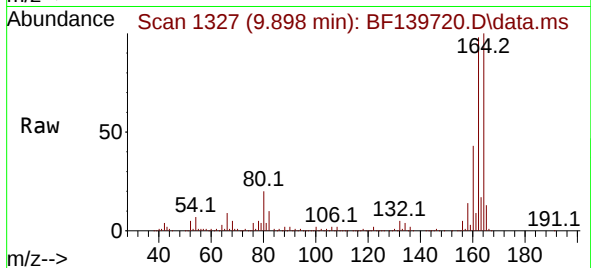
Tgt Ion:164 Resp: 173613

Ion Ratio Lower Upper

164 100

162 98.3 79.4 119.0

160 42.7 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 102.042 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

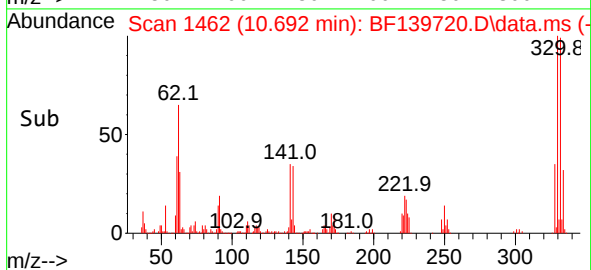
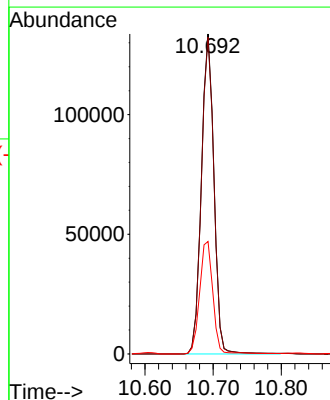
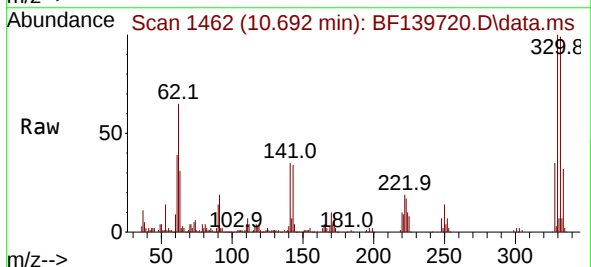
Tgt Ion:330 Resp: 171018

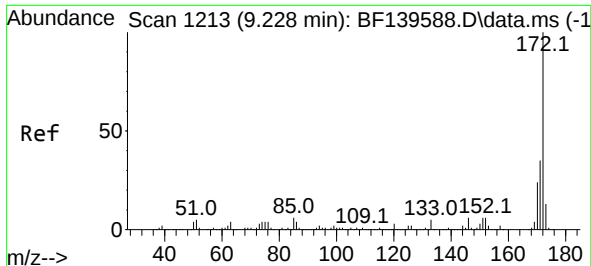
Ion Ratio Lower Upper

330 100

332 99.1 76.5 114.7

141 37.3 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 72.587 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PORT-ELIZABETH-1201

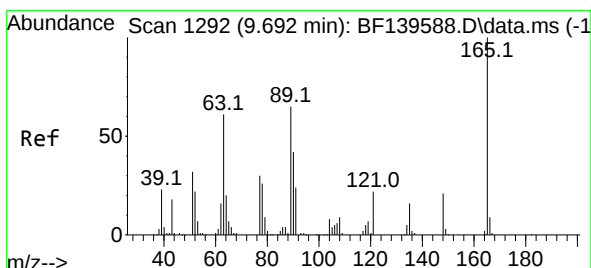
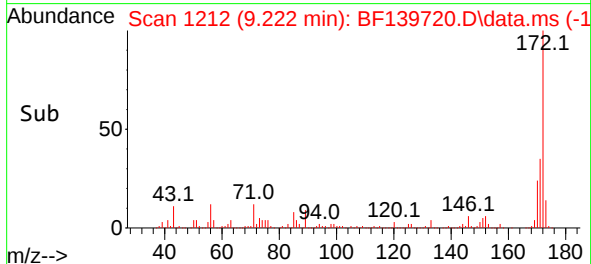
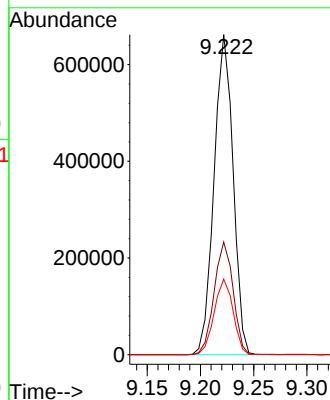
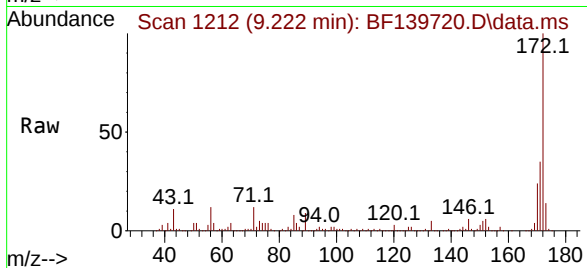
Tgt Ion:172 Resp: 820878

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.6 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.063 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

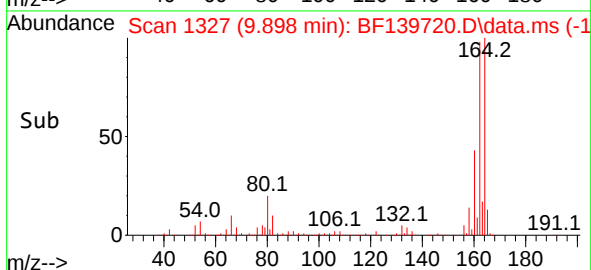
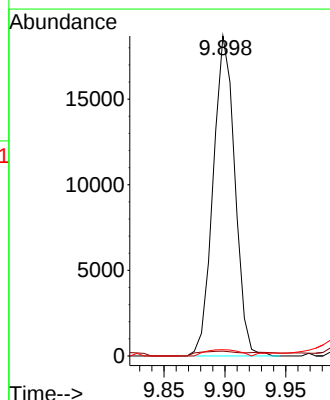
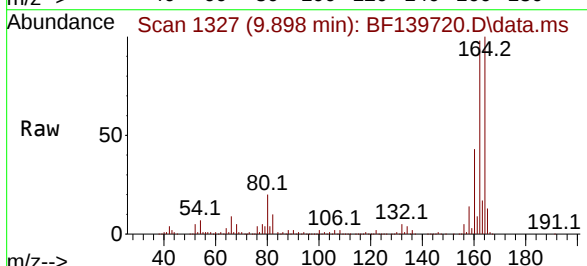
Tgt Ion:165 Resp: 23266

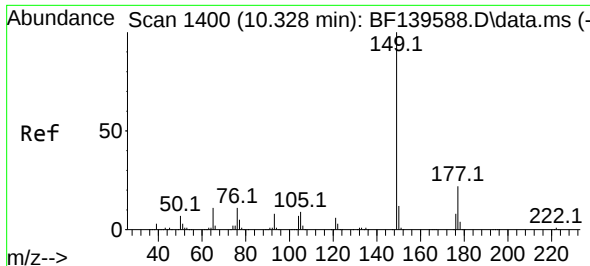
Ion Ratio Lower Upper

165 100

63 1.5 56.7 85.1#

89 2.0 51.6 77.4#

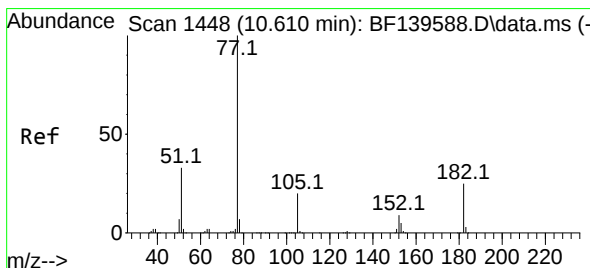
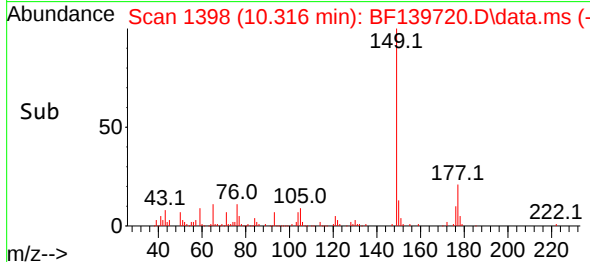
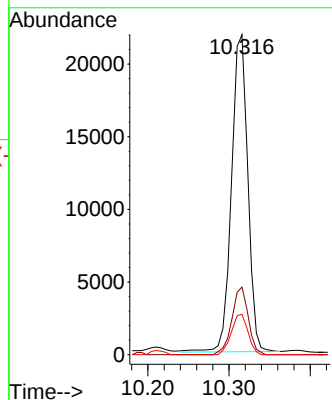
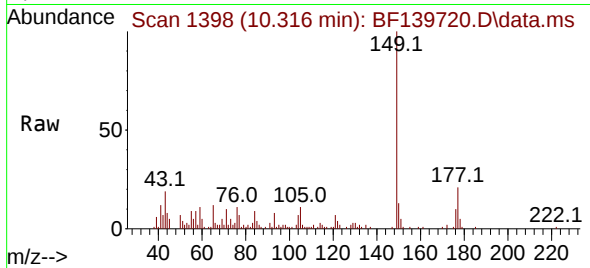




#60
Diethylphthalate
Concen: 2.592 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

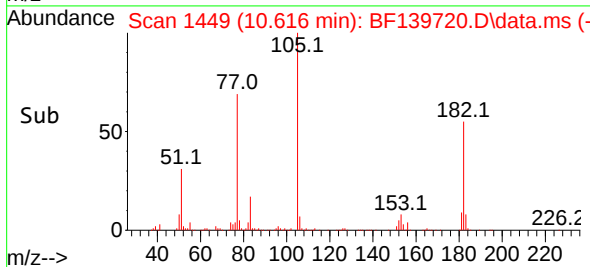
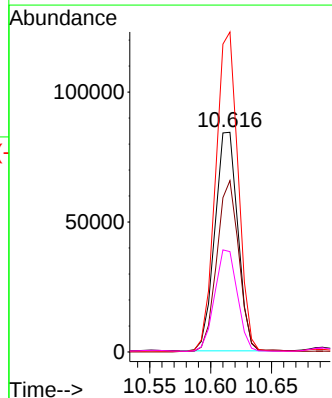
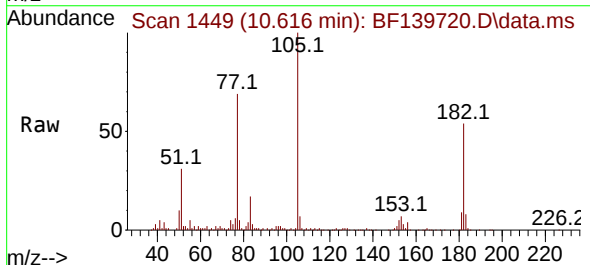
Instrument :
BNA_F
ClientSampleId :
PORT-ELIZABETH-1201

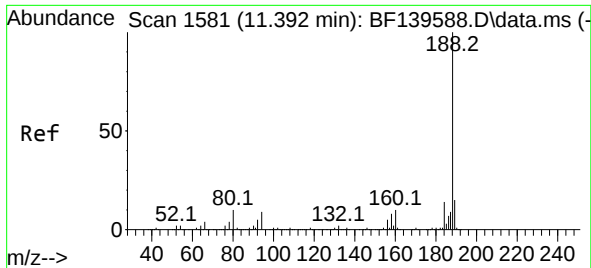
Tgt Ion:149 Resp: 30425
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.0
150 12.7 10.0 15.0



#63
Azobenzene
Concen: 9.320 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

Tgt Ion: 77 Resp: 110023
Ion Ratio Lower Upper
77 100
182 78.0 4.2 44.2#
105 145.7 0.0 39.6#
51 45.7 15.8 55.8

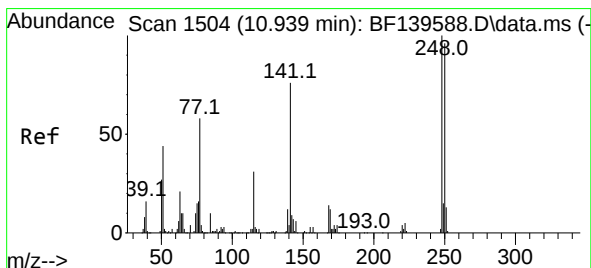
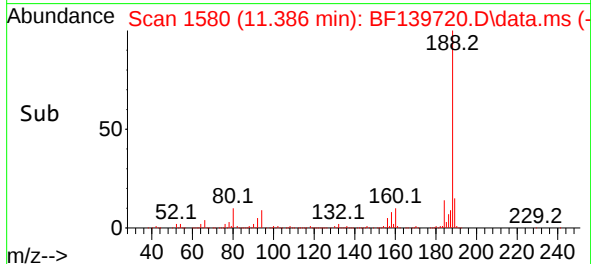
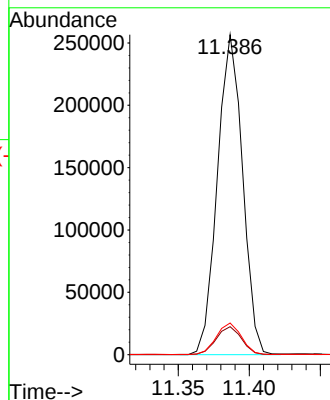
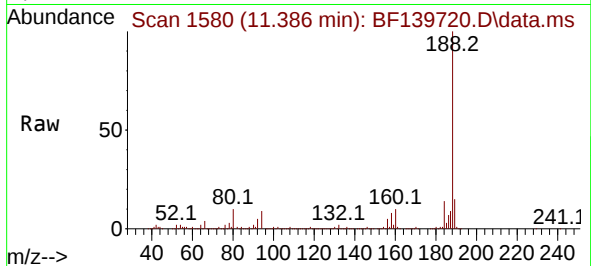




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

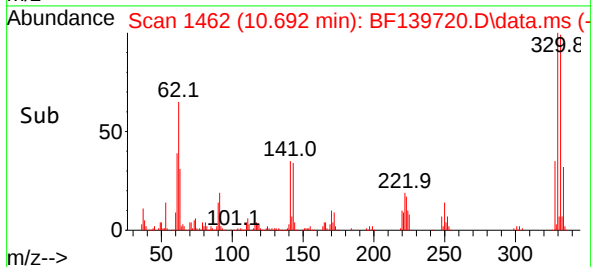
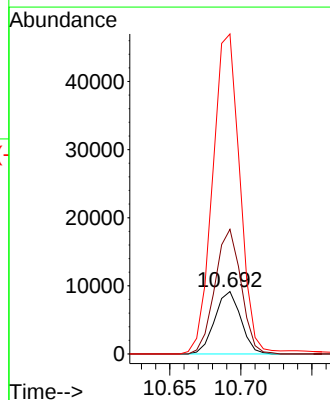
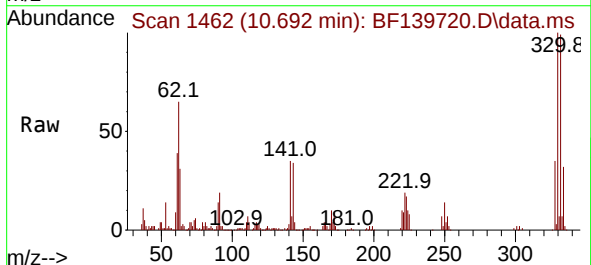
Instrument :
BNA_F
ClientSampleId :
PORT-ELIZABETH-1201

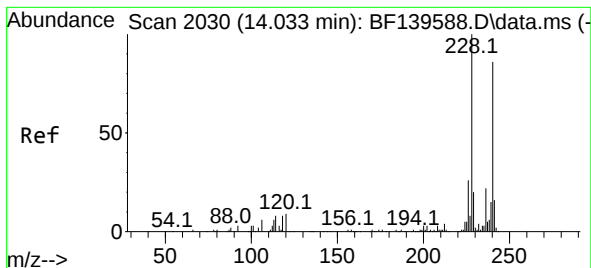
Tgt Ion:188 Resp: 316016
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.612 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139720.D
Acq: 09 Oct 2024 14:08

Tgt Ion:248 Resp: 11704
Ion Ratio Lower Upper
248 100
250 199.6 77.1 115.7#
141 512.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PORT-ELIZABETH-1201

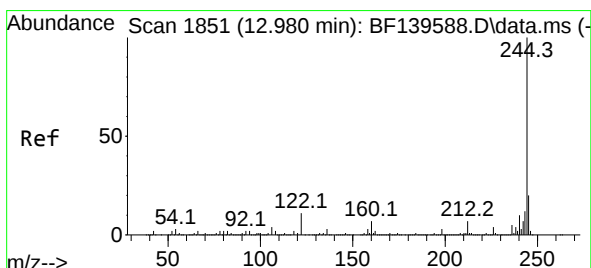
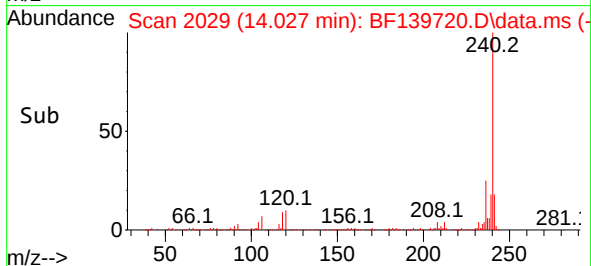
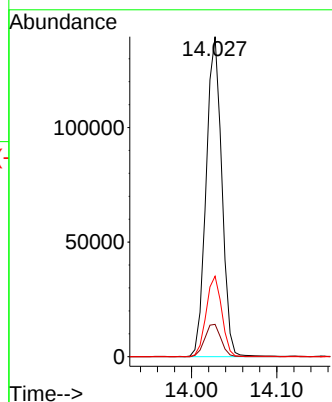
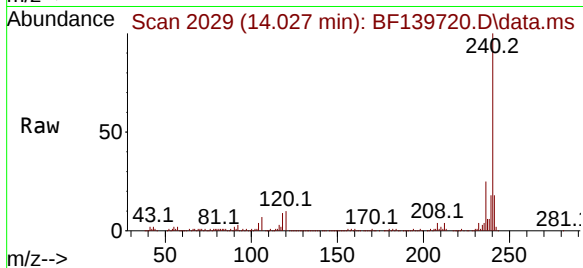
Tgt Ion:240 Resp: 177795

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.1 20.3 30.5



#79

Terphenyl-d14

Concen: 63.778 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

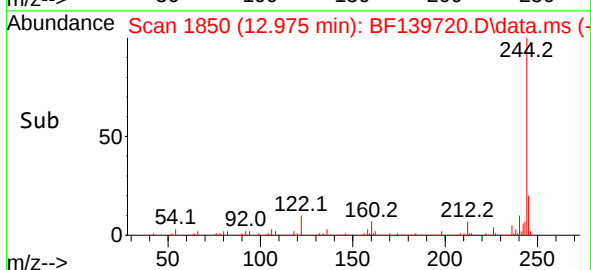
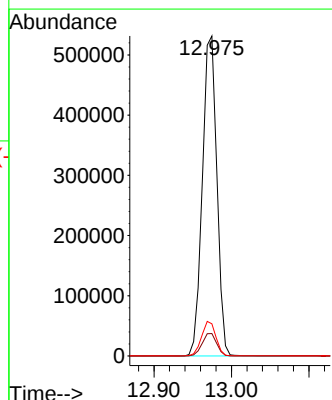
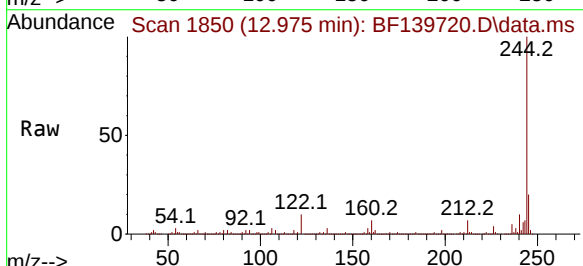
Tgt Ion:244 Resp: 691074

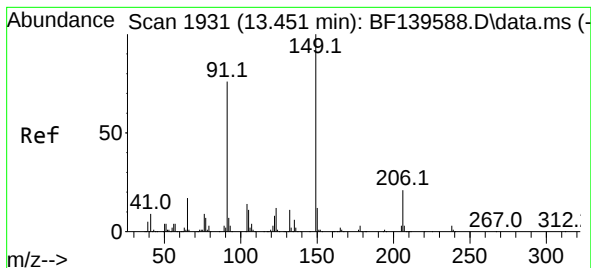
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.0 8.6 12.8





#80

Butylbenzylphthalate

Concen: 5.826 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.094 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PORT-ELIZABETH-1201

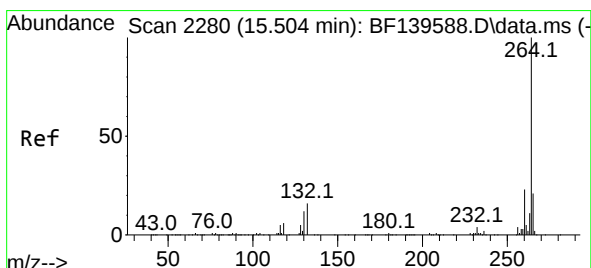
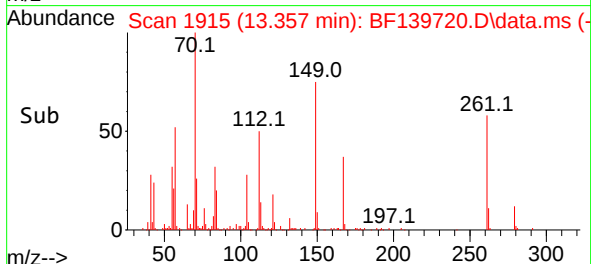
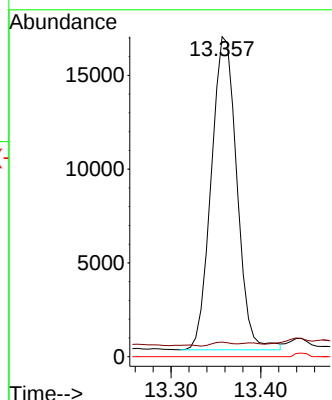
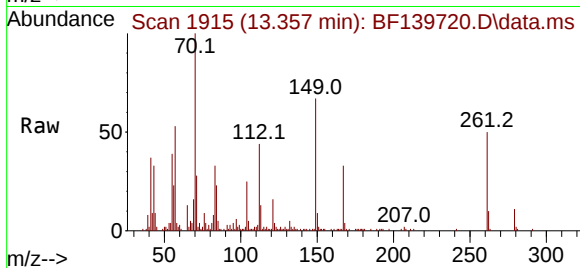
Tgt Ion:149 Resp: 33140

Ion Ratio Lower Upper

149 100

91 4.6 61.0 91.4#

206 0.0 16.6 24.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139720.D

Acq: 09 Oct 2024 14:08

Tgt Ion:264 Resp: 139480

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.8 16.9 25.3

