

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131927.D
 Acq On : 05 Jan 2023 21:40
 Operator : CG\JU
 Sample : 01027-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-1-4-2023

Quant Time: Jan 06 03:14:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

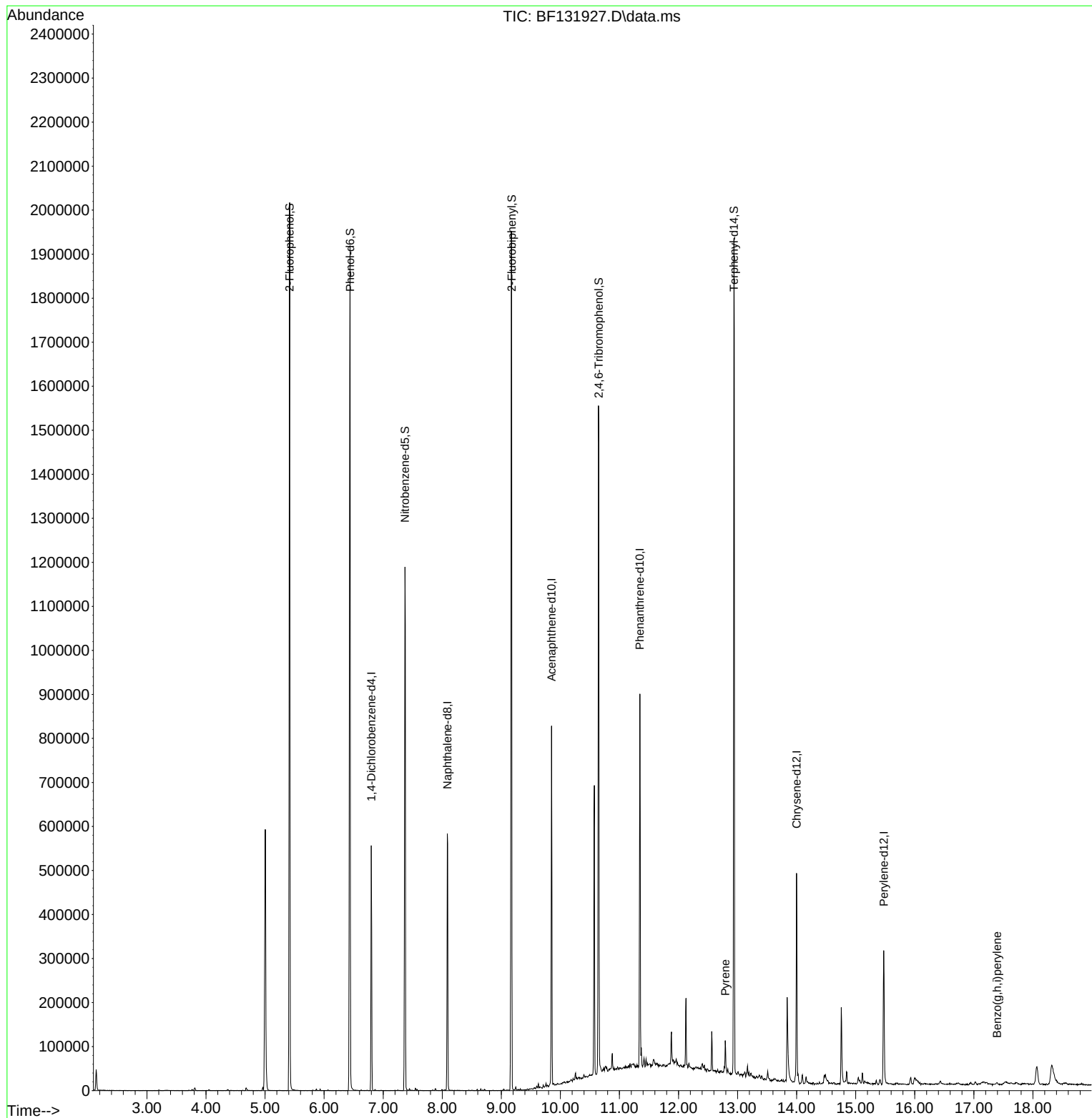
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	70911	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	257969	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	150938	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	284983	20.000	ng	0.00
76) Chrysene-d12	13.998	240	146425	20.000	ng	-0.01
86) Perylene-d12	15.474	264	139060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	484346	113.194	ng	0.01
7) Phenol-d6	6.440	99	625544	111.273	ng	0.00
23) Nitrobenzene-d5	7.369	82	441057	68.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	177606	108.300	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	657203	59.640	ng	0.00
79) Terphenyl-d14	12.939	244	657991	76.012	ng	0.00
Target Compounds						
78) Pyrene	12.792	202	28887	2.354	ng	Qvalue 97
92) Benzo(g,h,i)perylene	17.392	276	3293	5.590	ng	# 76

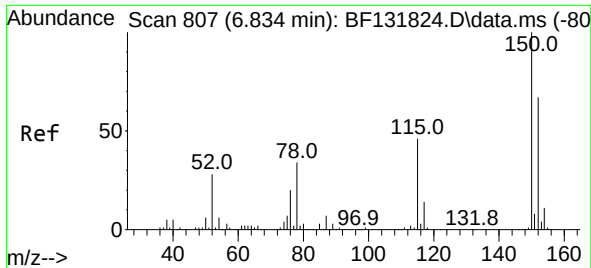
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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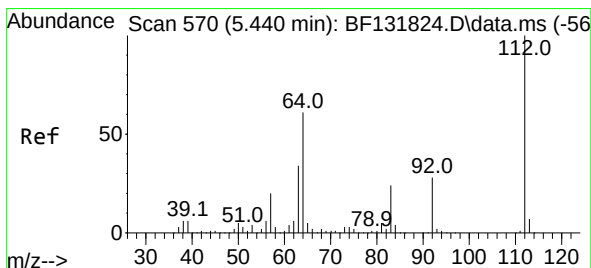
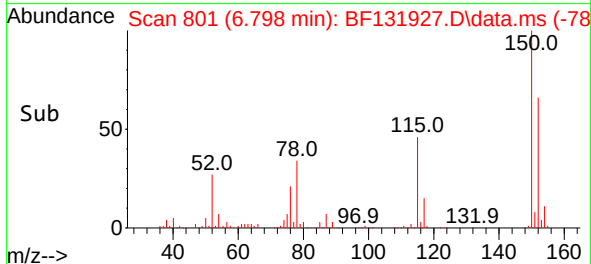
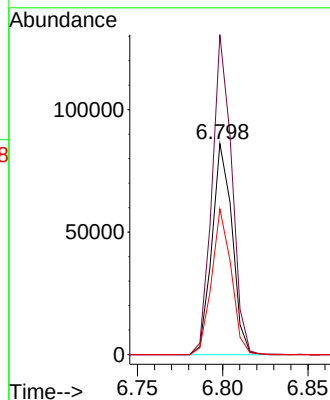
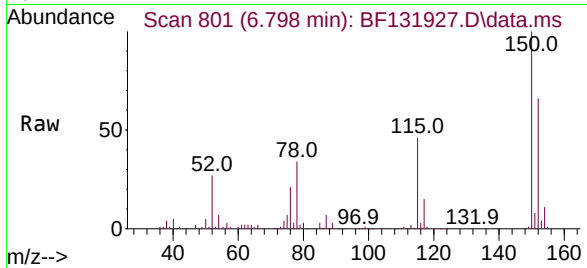




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

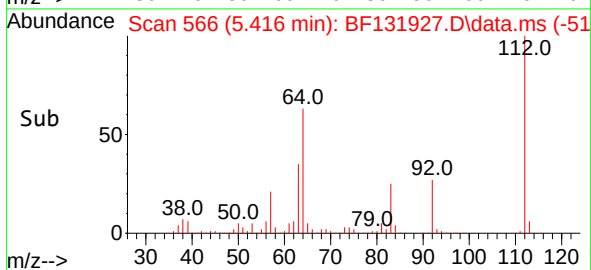
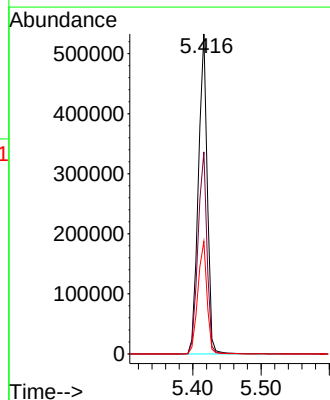
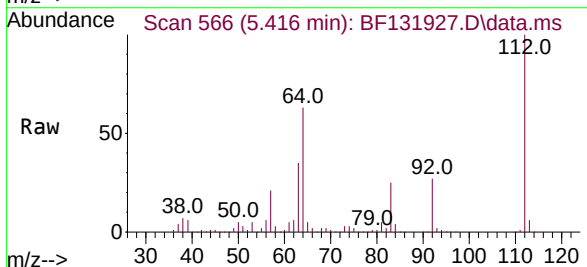
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

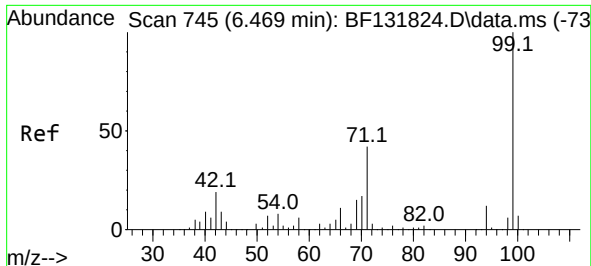
Tgt Ion:152 Resp: 70911
Ion Ratio Lower Upper
152 100
150 151.7 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 113.194 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:112 Resp: 484346
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 35.1 27.5 41.3

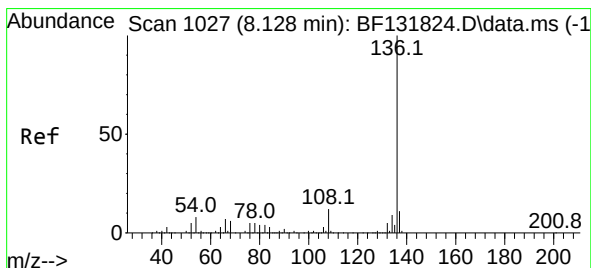
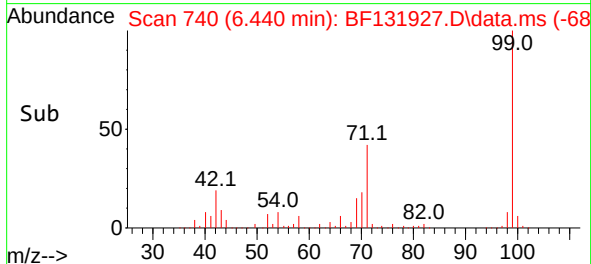
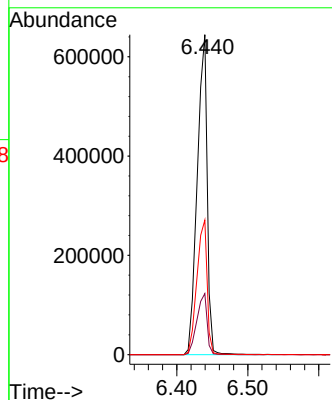
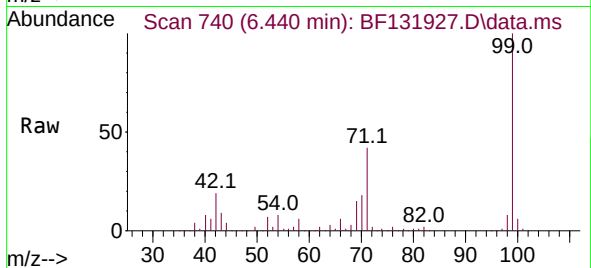




#7
Phenol-d6
Concen: 111.273 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

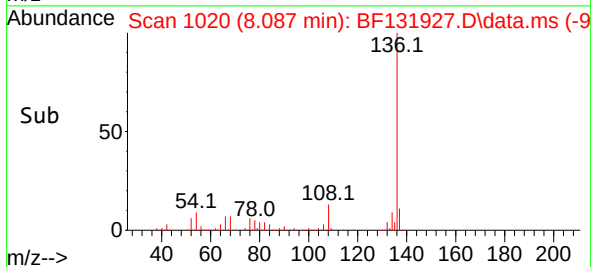
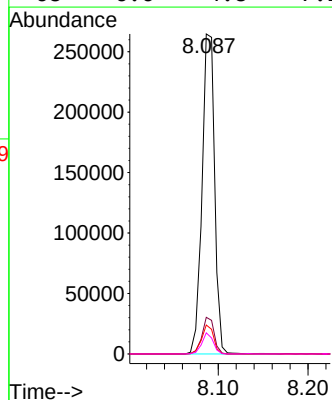
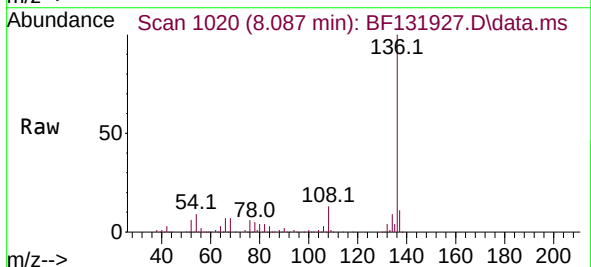
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

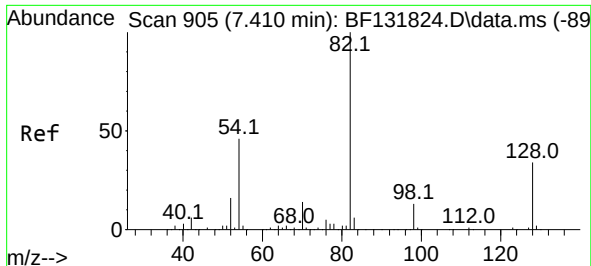
Tgt Ion: 99 Resp: 625544
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 42.0 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion: 136 Resp: 257969
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.0 6.7 10.1
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 68.262 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

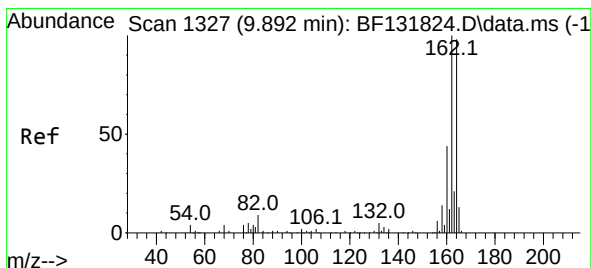
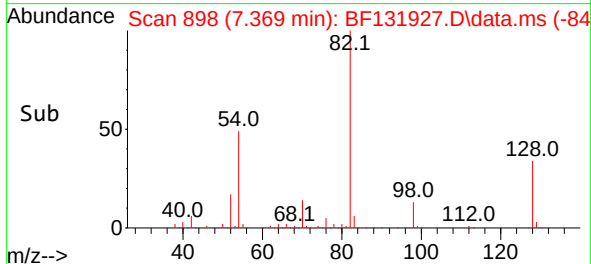
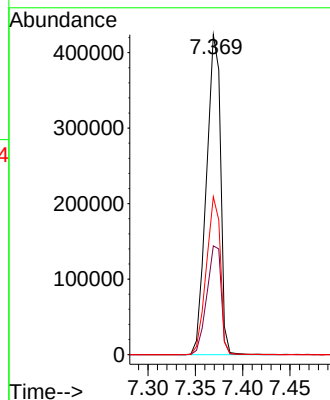
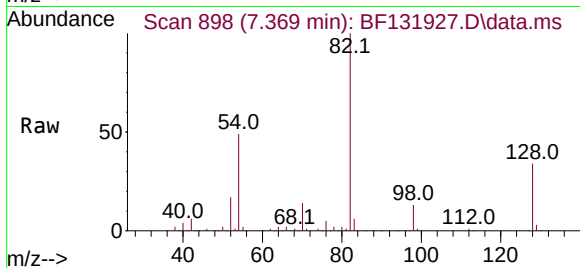
Tgt Ion: 82 Resp: 441057

Ion Ratio Lower Upper

82 100

128 34.0 27.1 40.7

54 49.3 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

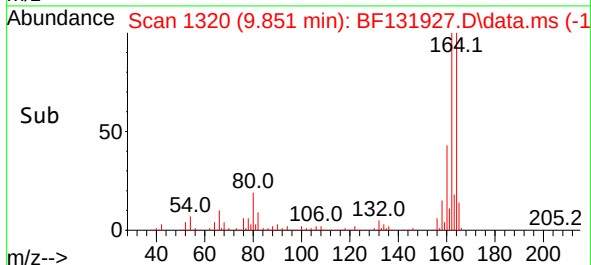
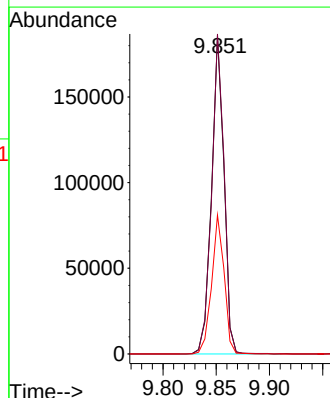
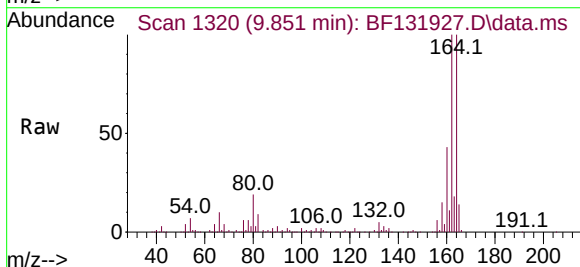
Tgt Ion:164 Resp: 150938

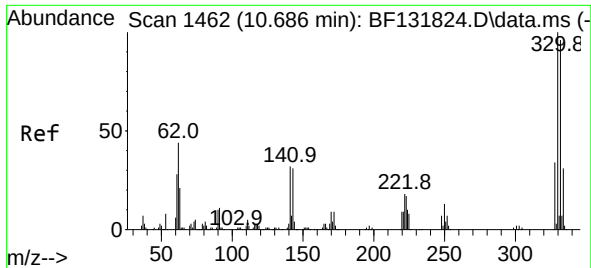
Ion Ratio Lower Upper

164 100

162 100.5 81.8 122.6

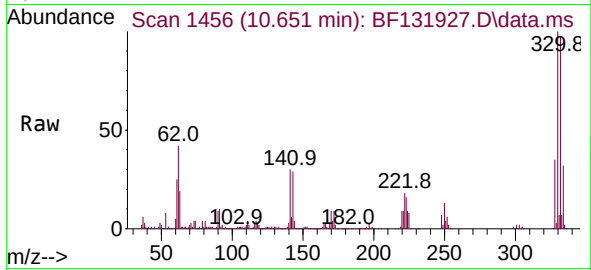
160 43.6 35.7 53.5



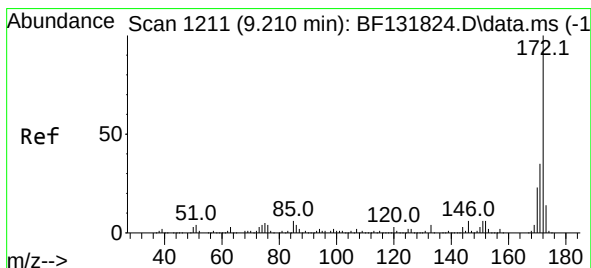
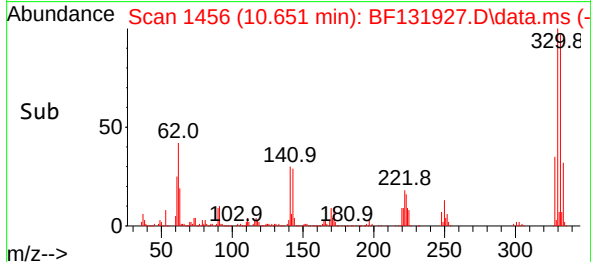
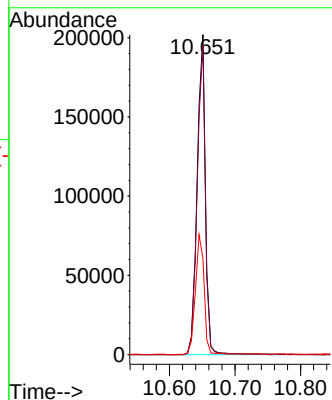


#42
2,4,6-Tribromophenol
Concen: 108.300 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

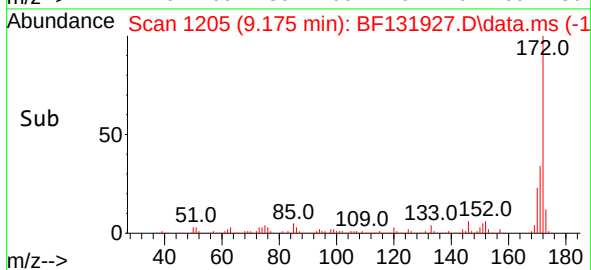
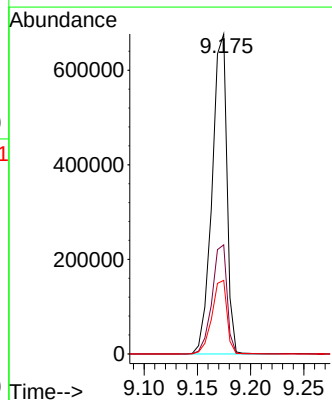
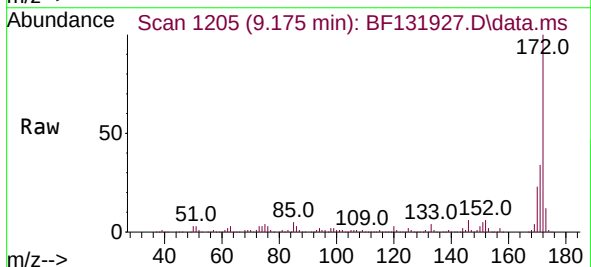


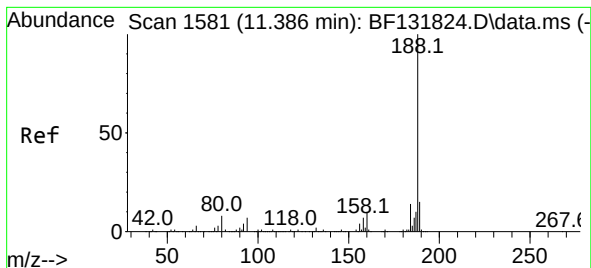
Tgt Ion:330 Resp: 177606
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 39.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 59.640 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:172 Resp: 657203
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

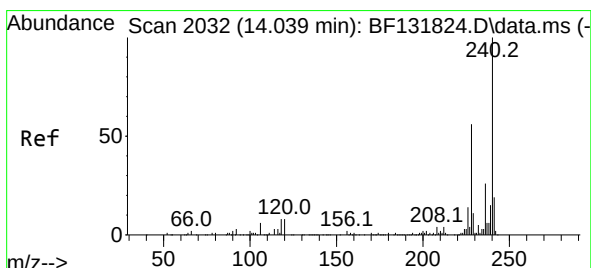
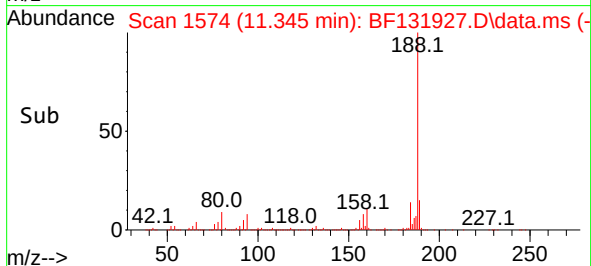
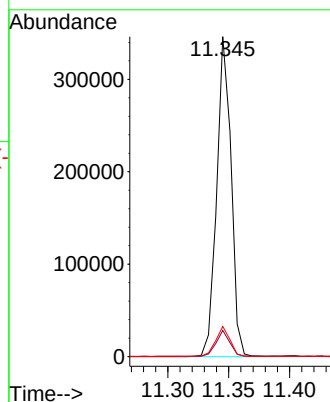
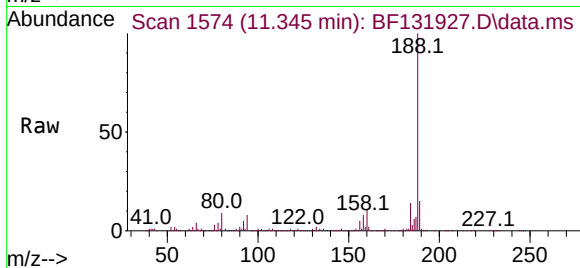
Tgt Ion:188 Resp: 284983

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

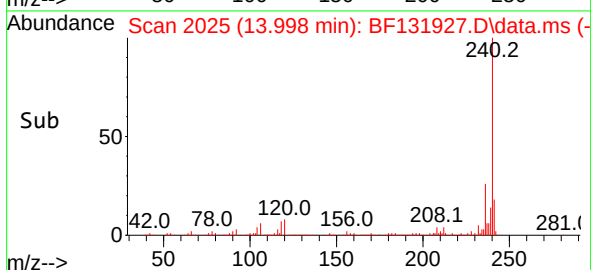
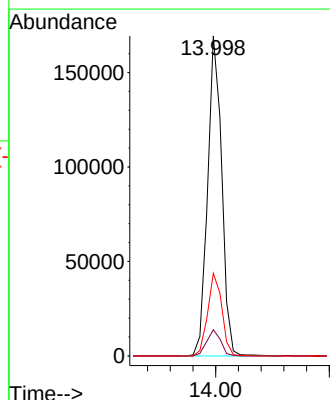
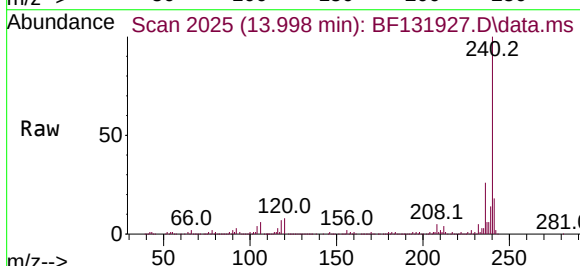
Tgt Ion:240 Resp: 146425

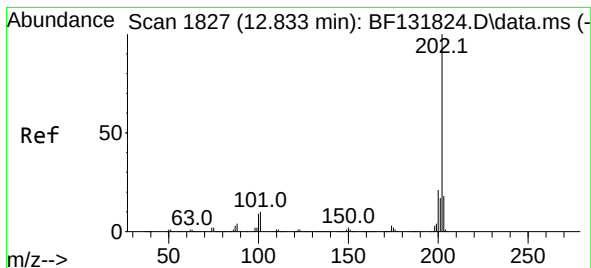
Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

236 25.9 20.6 31.0





#78

Pyrene

Concen: 2.354 ng

RT: 12.792 min Scan# 18

Delta R.T. -0.012 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

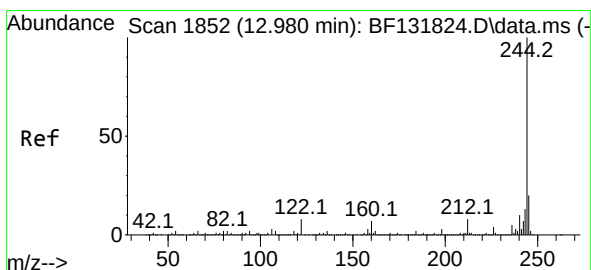
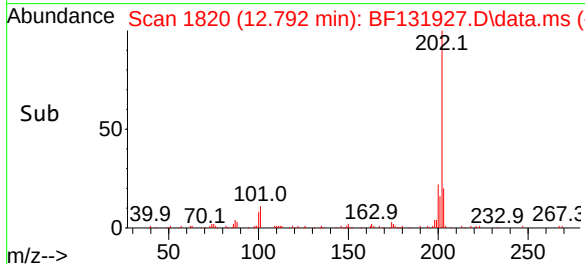
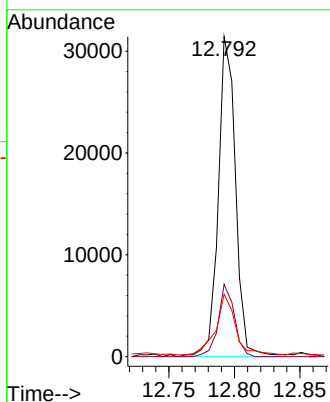
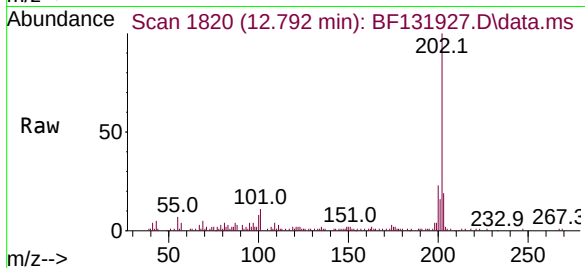
Tgt Ion:202 Resp: 28887

Ion Ratio Lower Upper

202 100

200 22.6 16.7 25.1

203 19.5 14.4 21.6



#79

Terphenyl-d14

Concen: 76.012 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.006 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

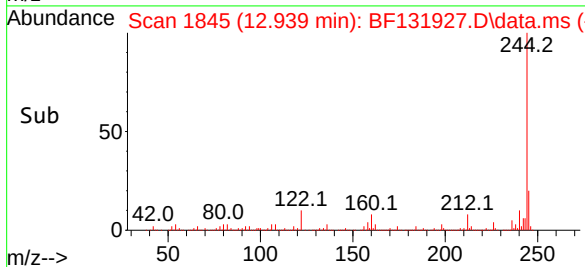
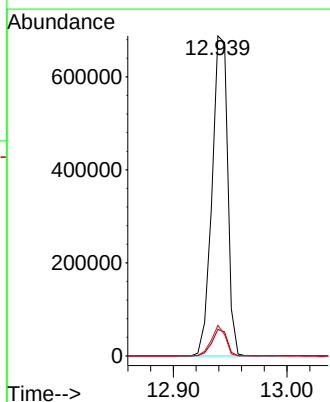
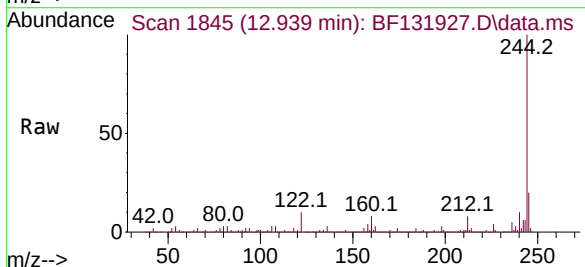
Tgt Ion:244 Resp: 657991

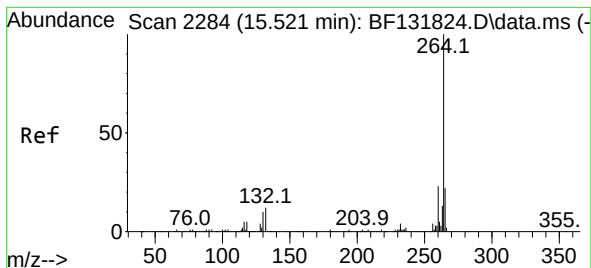
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 9.5 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-1-4-2023

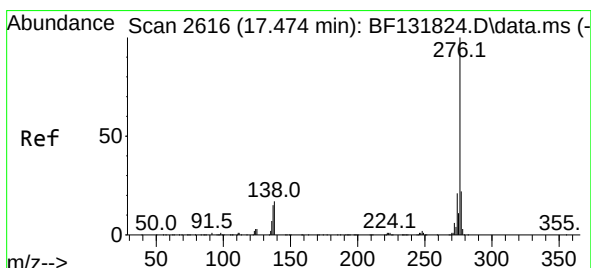
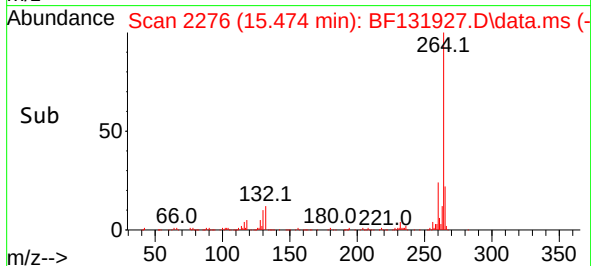
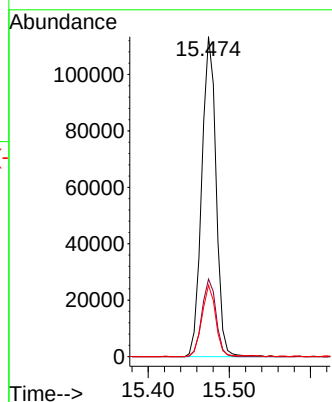
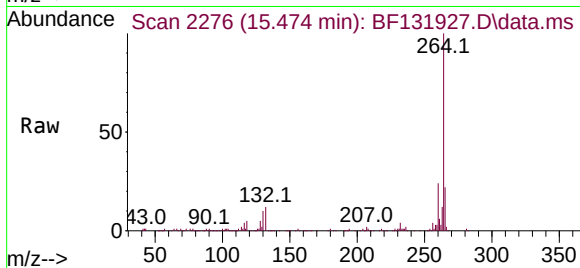
Tgt Ion:264 Resp: 139060

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.3 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.590 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.017 min

Lab File: BF131927.D

Acq: 05 Jan 2023 21:40

Tgt Ion:276 Resp: 3293

Ion Ratio Lower Upper

276 100

277 37.5 17.9 26.9#

138 10.7 13.7 20.5#

