

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131942.D
 Acq On : 06 Jan 2023 15:25
 Operator : CG\JU
 Sample : N6244-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-11

Quant Time: Jan 07 00:21:51 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 23:58:27 2023
 Response via : Initial Calibration

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

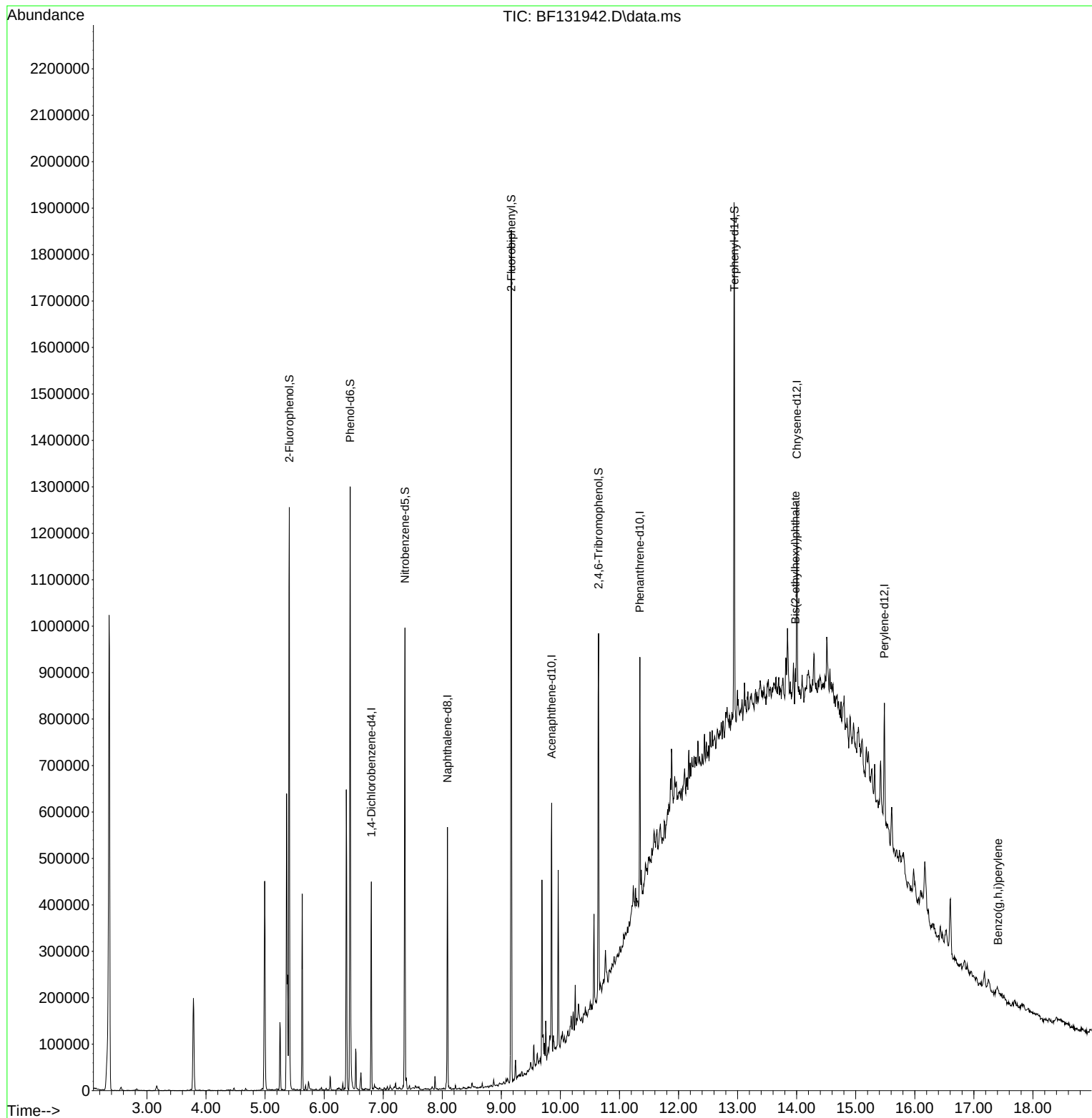
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	56982	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	201681	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	104446	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	162874	20.000	ng	0.00
76) Chrysene-d12	14.004	240	122757	20.000	ng	0.00
86) Perylene-d12	15.486	264	93449	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	303712	88.329	ng	0.01
7) Phenol-d6	6.440	99	397800	88.059	ng	0.00
23) Nitrobenzene-d5	7.369	82	305894	60.556	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	79289	69.870	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	477992	62.685	ng	0.00
79) Terphenyl-d14	12.945	244	385591	53.132	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.980	149	14047	3.023	ng	# 88
92) Benzo(g,h,i)perylene	17.410	276	5827	6.150	ng	# 77

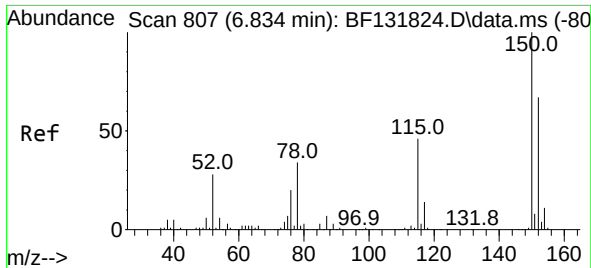
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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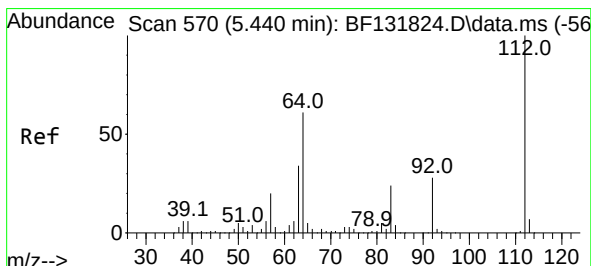
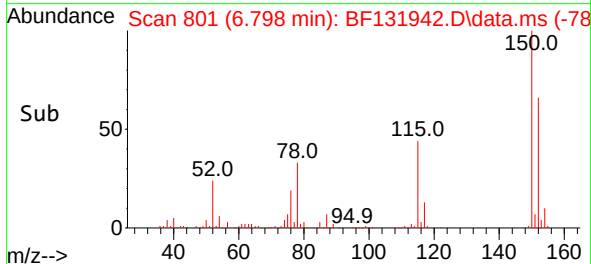
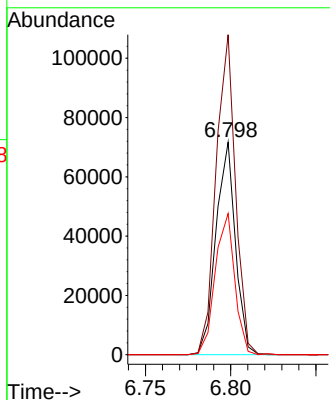
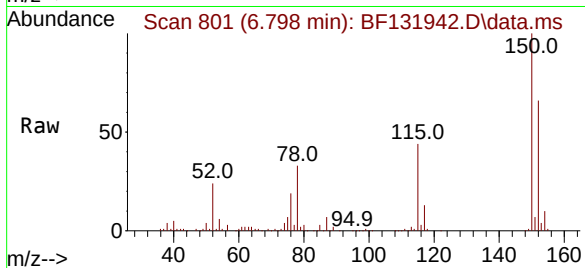




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF131942.D
 Acq: 06 Jan 2023 15:25

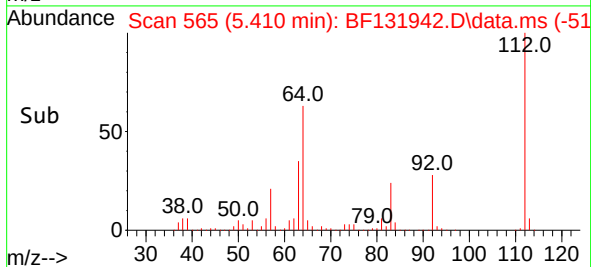
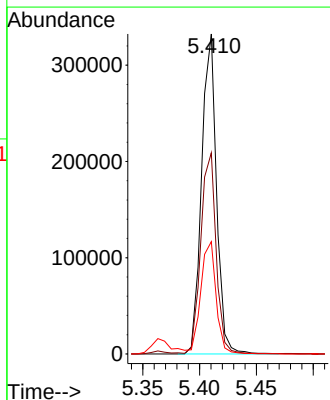
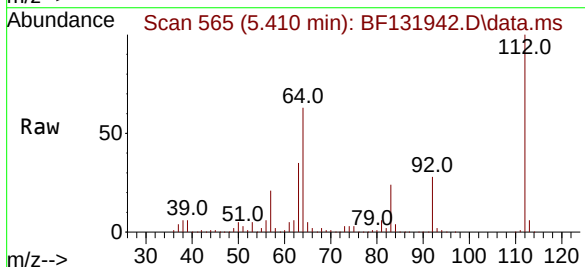
Instrument :
 BNA_F
 ClientSampleId :
 PE-11

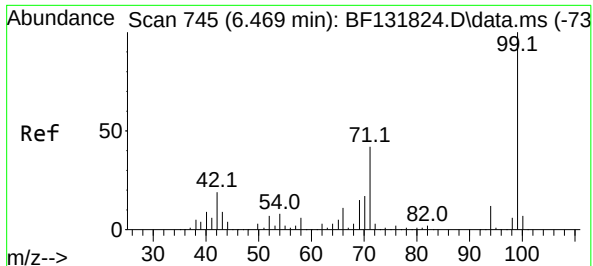
Tgt Ion:152 Resp: 56982
 Ion Ratio Lower Upper
 152 100
 150 150.6 120.0 180.0
 115 66.4 55.1 82.7



#5
 2-Fluorophenol
 Concen: 88.329 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF131942.D
 Acq: 06 Jan 2023 15:25

Tgt Ion:112 Resp: 303712
 Ion Ratio Lower Upper
 112 100
 64 62.8 49.2 73.8
 63 35.1 27.5 41.3

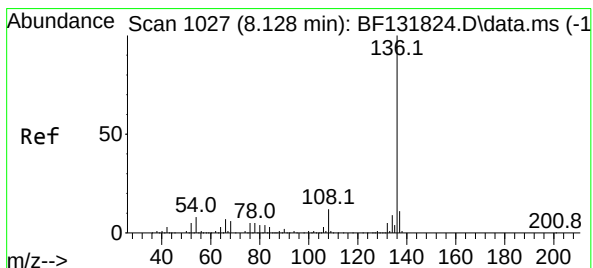
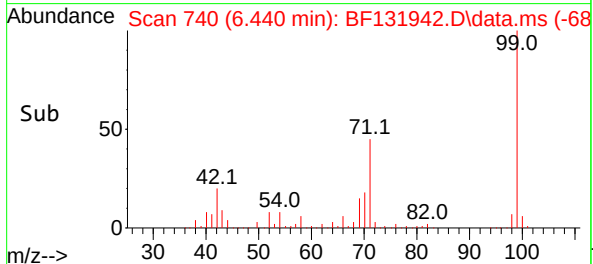
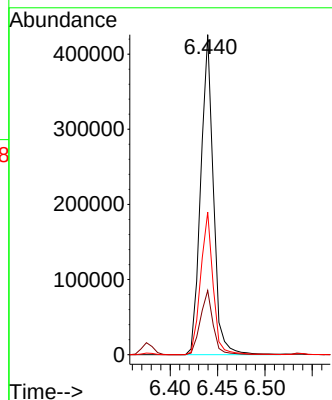
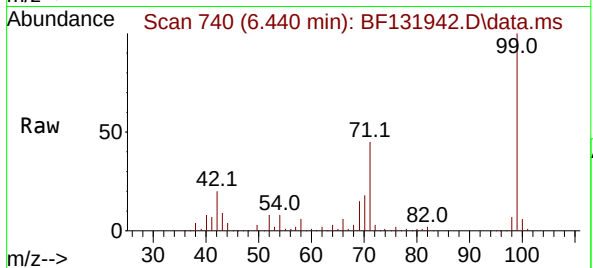




#7
Phenol-d6
Concen: 88.059 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131942.D
Acq: 06 Jan 2023 15:25

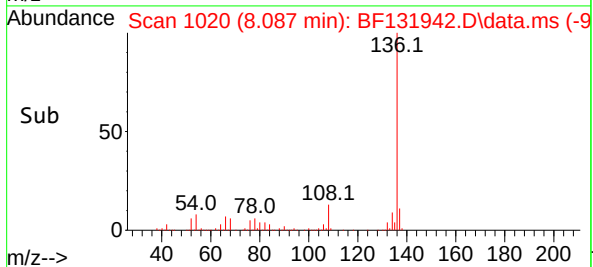
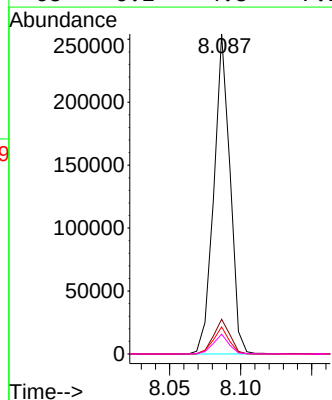
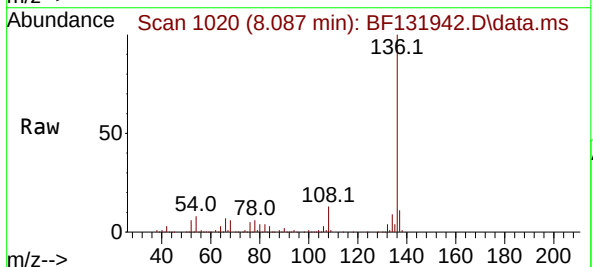
Instrument :
BNA_F
ClientSampleId :
PE-11

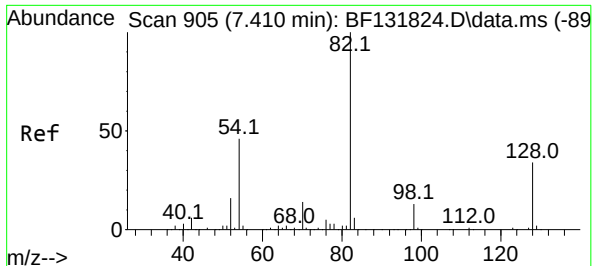
Tgt Ion: 99 Resp: 397800
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 44.6 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131942.D
Acq: 06 Jan 2023 15:25

Tgt Ion: 136 Resp: 201681
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.7 10.1
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.556 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

Instrument :

BNA_F

ClientSampleId :

PE-11

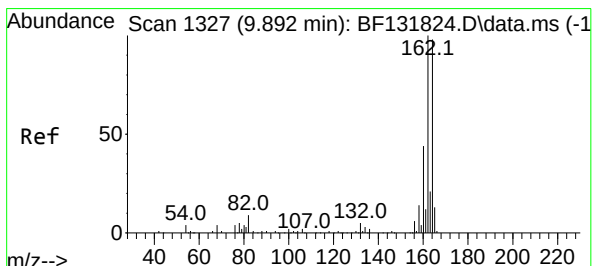
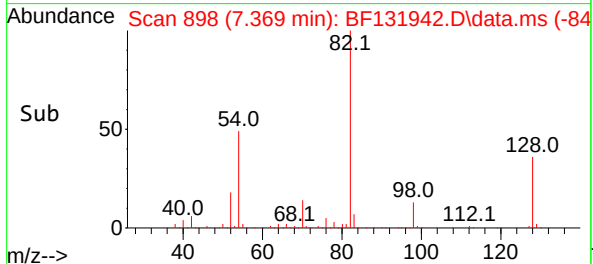
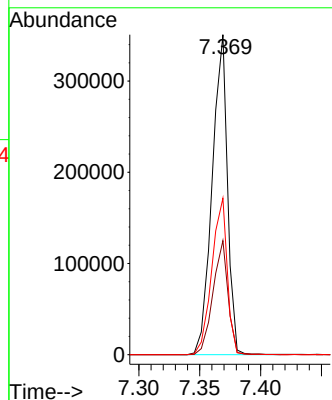
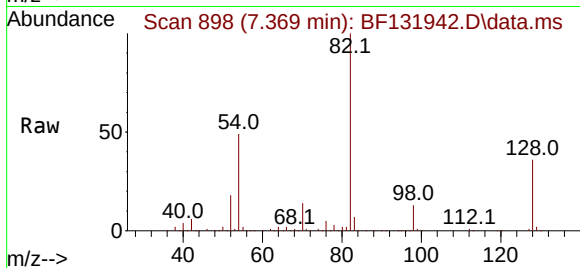
Tgt Ion: 82 Resp: 305894

Ion Ratio Lower Upper

82 100

128 35.7 27.1 40.7

54 48.9 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

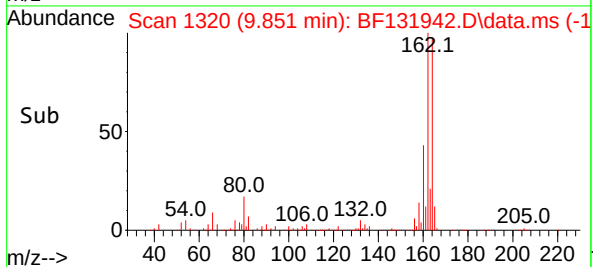
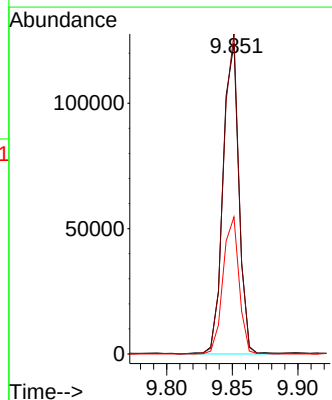
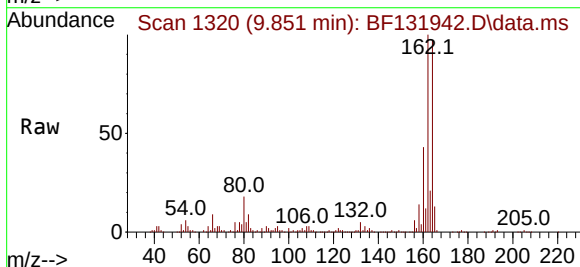
Tgt Ion:164 Resp: 104446

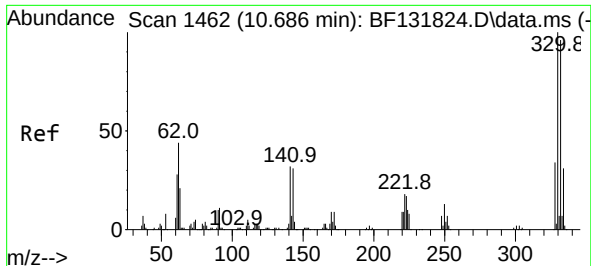
Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 69.870 ng

RT: 10.645 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

Instrument :

BNA_F

ClientSampleId :

PE-11

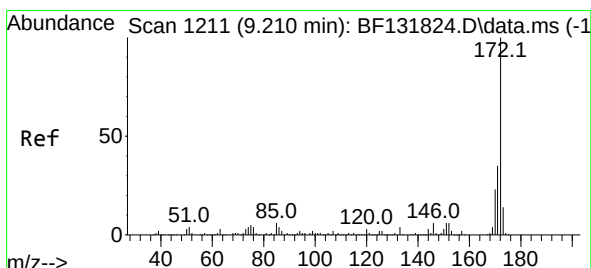
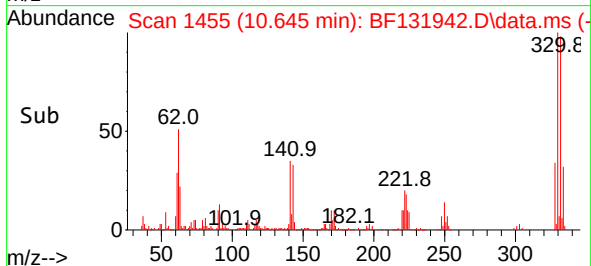
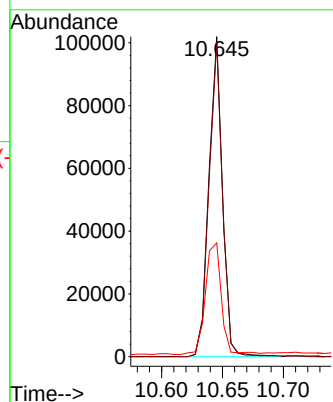
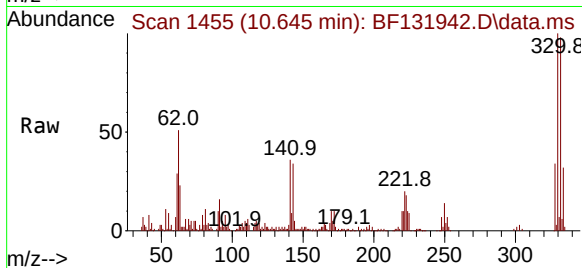
Tgt Ion:330 Resp: 79289

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.4

141 41.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 62.685 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

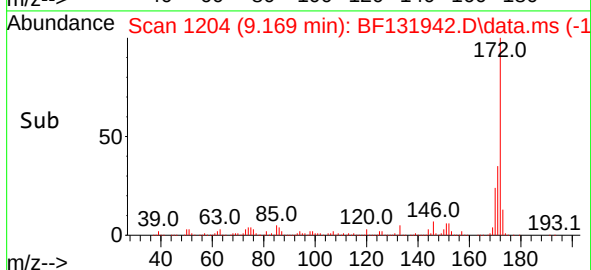
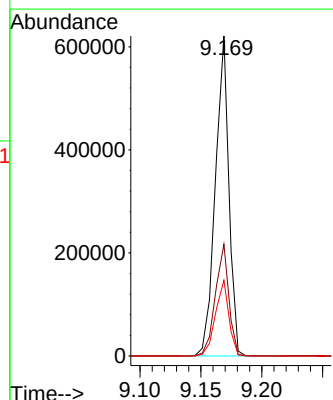
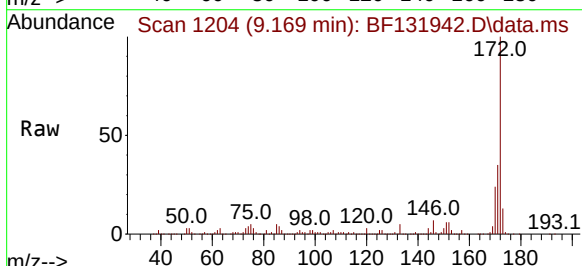
Tgt Ion:172 Resp: 477992

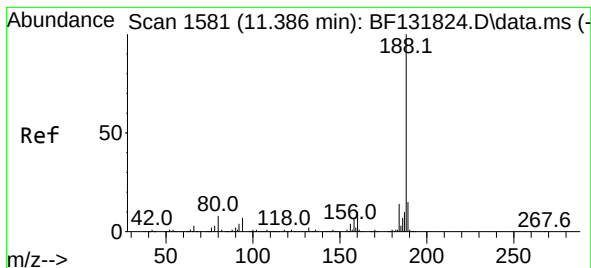
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

Instrument :

BNA_F

ClientSampleId :

PE-11

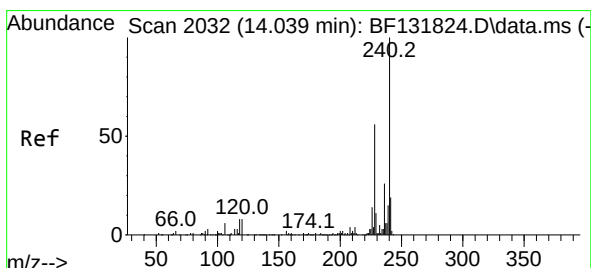
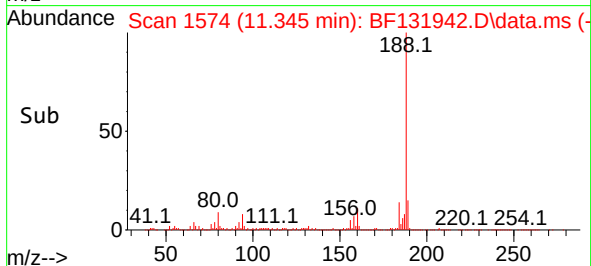
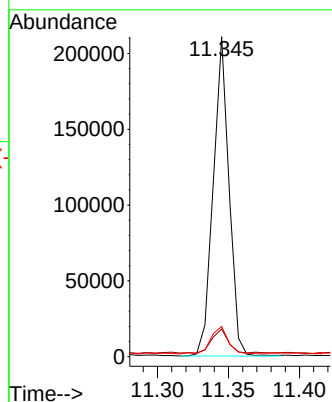
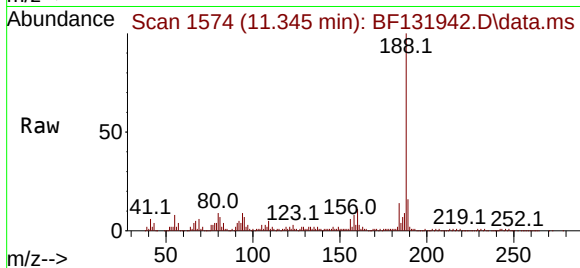
Tgt Ion:188 Resp: 162874

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 9.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

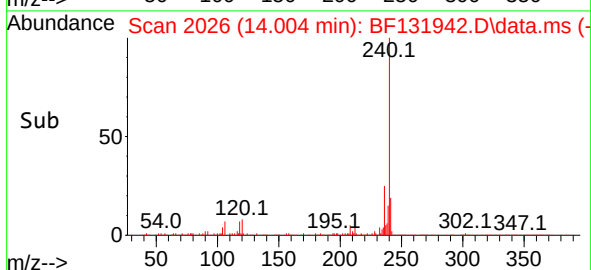
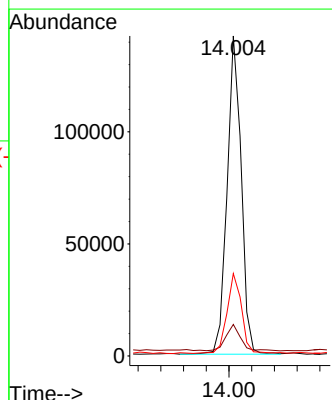
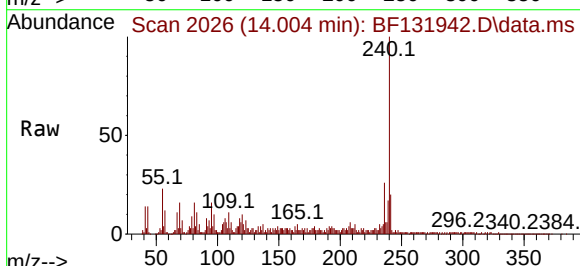
Tgt Ion:240 Resp: 122757

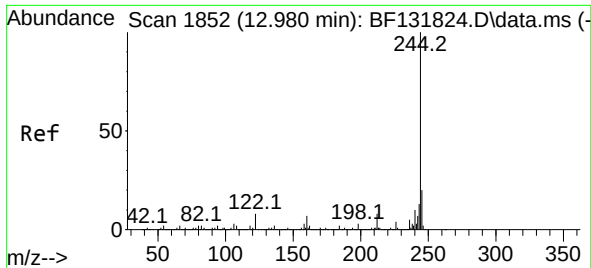
Ion Ratio Lower Upper

240 100

120 9.9 6.7 10.1

236 25.7 20.6 31.0

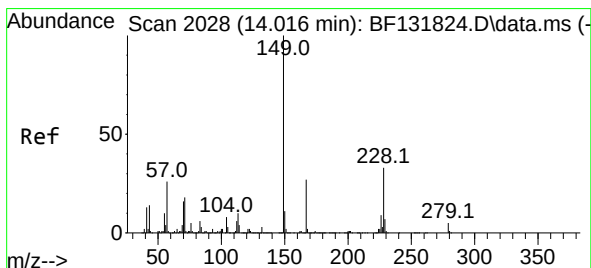
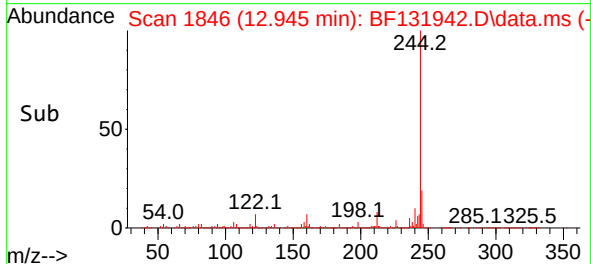
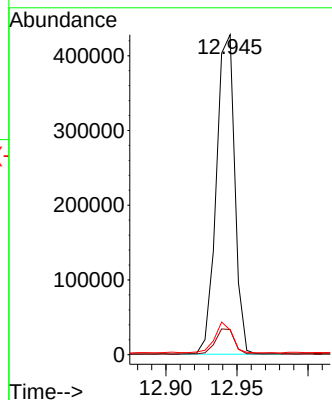
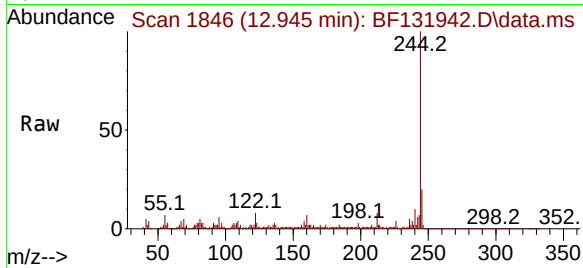




#79
 Terphenyl-d14
 Concen: 53.132 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131942.D
 Acq: 06 Jan 2023 15:25

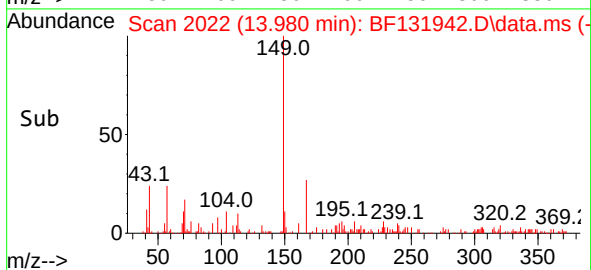
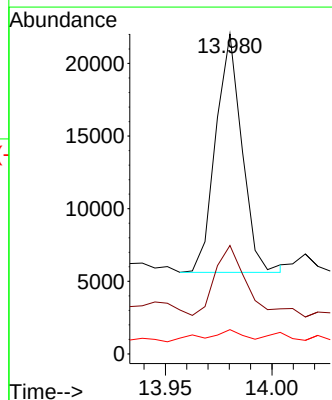
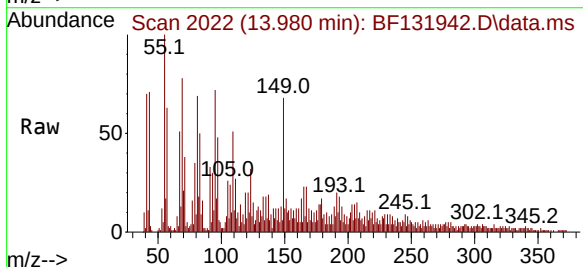
Instrument :
 BNA_F
 ClientSampleId :
 PE-11

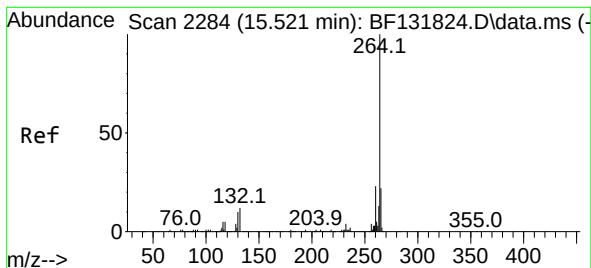
Tgt Ion:244 Resp: 385591
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 7.7 6.4 9.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.023 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: BF131942.D
 Acq: 06 Jan 2023 15:25

Tgt Ion:149 Resp: 14047
 Ion Ratio Lower Upper
 149 100
 167 33.9 21.8 32.6#
 279 7.6 3.9 5.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

Instrument :

BNA_F

ClientSampleId :

PE-11

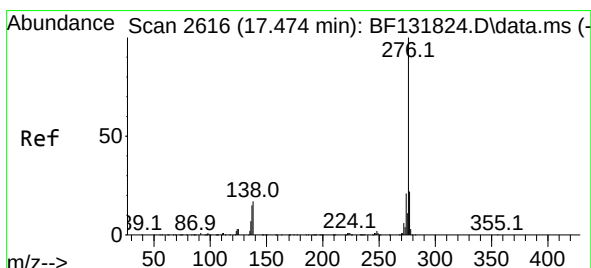
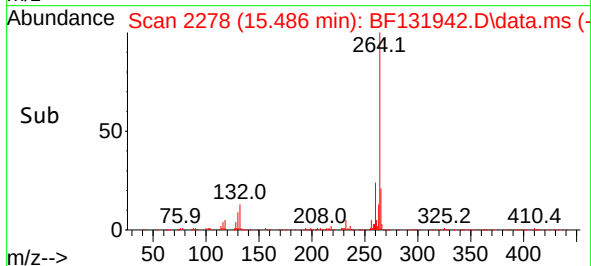
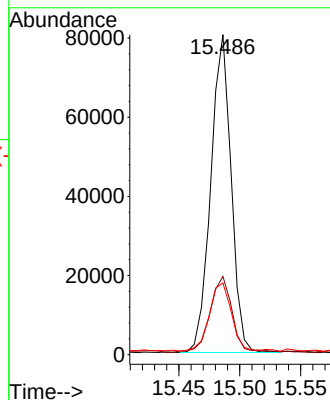
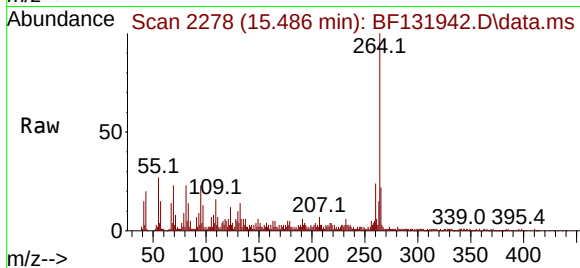
Tgt Ion:264 Resp: 93449

Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 22.4 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 6.150 ng

RT: 17.410 min Scan# 2605

Delta R.T. 0.012 min

Lab File: BF131942.D

Acq: 06 Jan 2023 15:25

Tgt Ion:276 Resp: 5827

Ion Ratio Lower Upper

276 100

277 32.2 17.9 26.9#

138 29.0 13.7 20.5#

