

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131863.D
 Acq On : 28 Dec 2022 16:28
 Operator : CG\JU
 Sample : N6218-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26598

Quant Time: Dec 29 00:56:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

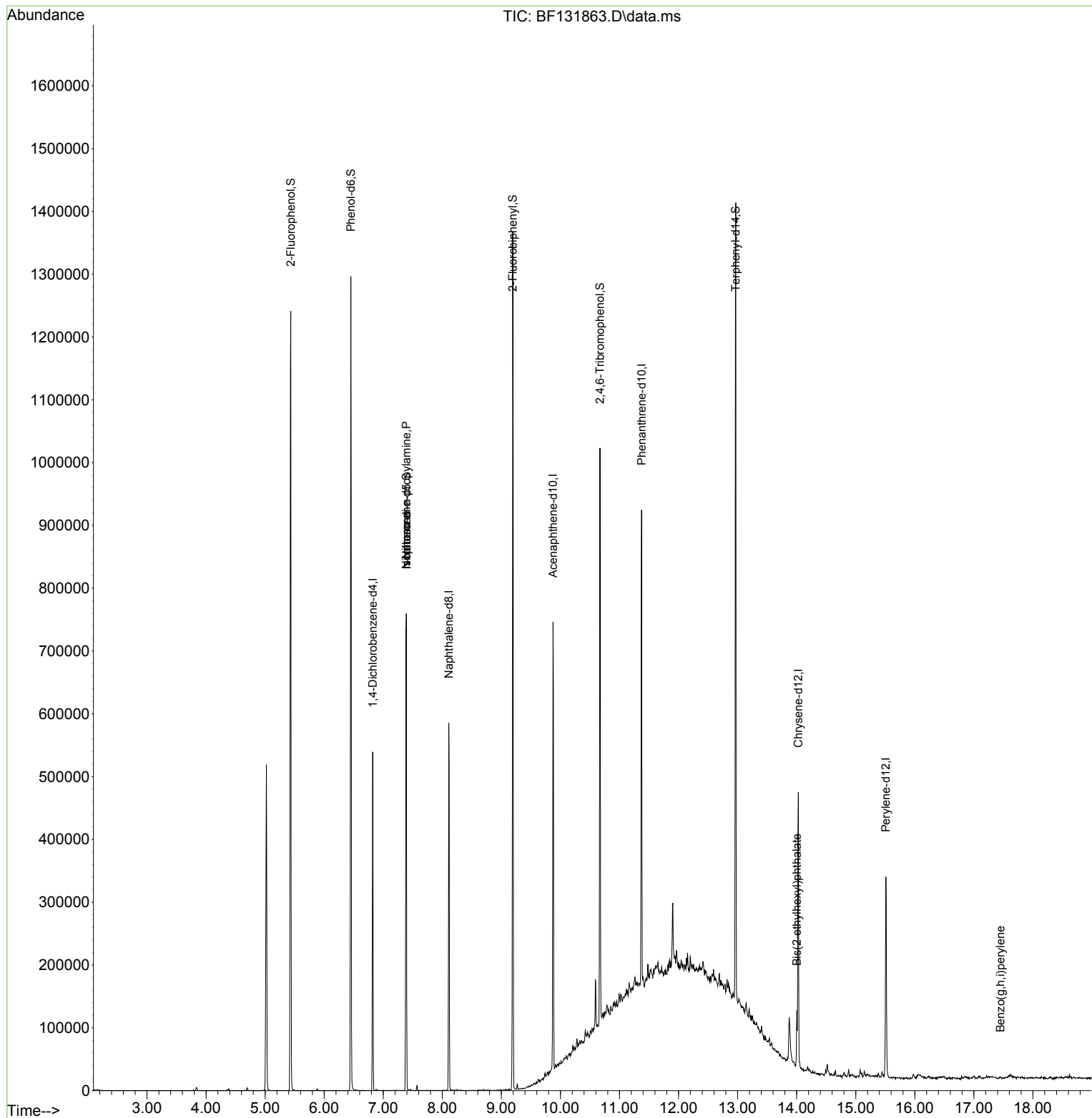
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	67780	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	244973	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	140569	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	257846	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	135890	20.000	ng	-0.01
86) Perylene-d12	15.510	264	138468	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	303527	74.212	ng	0.00
7) Phenol-d6	6.451	99	390079	72.593	ng	-0.02
23) Nitrobenzene-d5	7.392	82	265553	43.280	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	89993	58.923	ng	-0.02
45) 2-Fluorobiphenyl	9.192	172	384774	37.493	ng	-0.02
79) Terphenyl-d14	12.969	244	411712	51.249	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	36167	9.530	ng	# 77
25) Isophorone	7.392	82	265550	26.502	ng	# 69
84) Bis(2-ethylhexyl)phtha...	14.004	149	21093	4.101	ng	98
92) Benzo(g,h,i)perylene	17.451	276	2094	5.466	ng	# 94

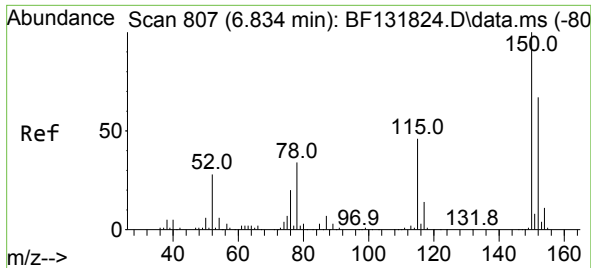
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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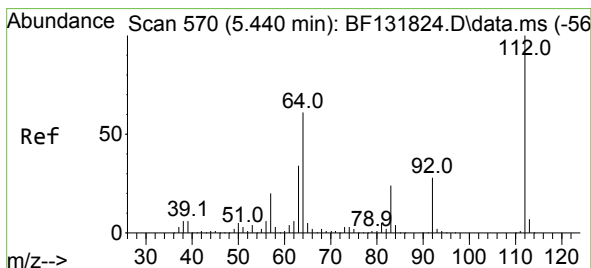
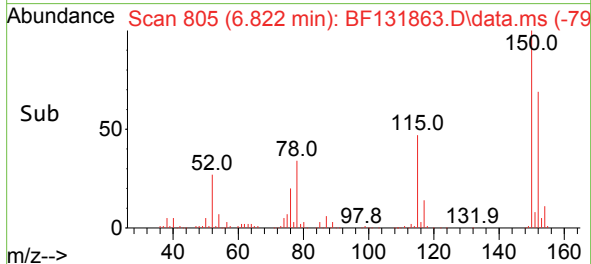
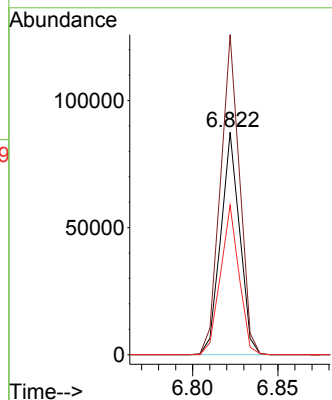
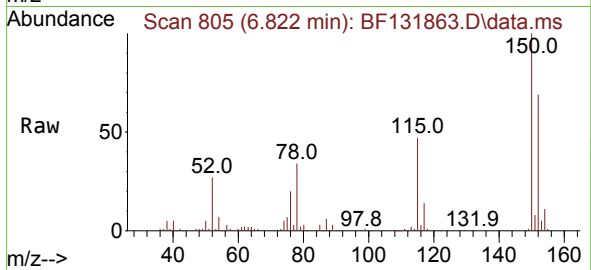




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

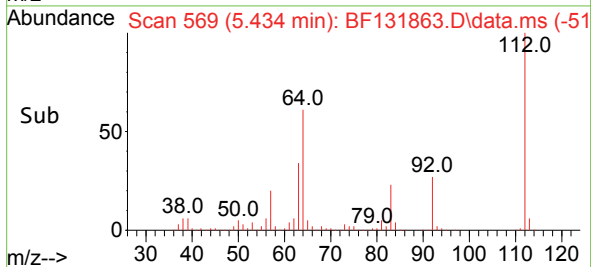
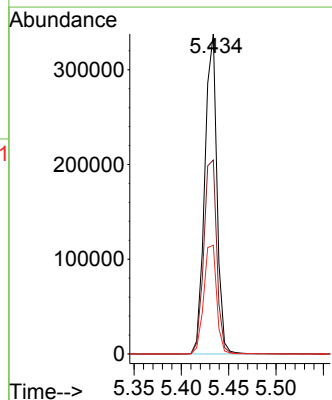
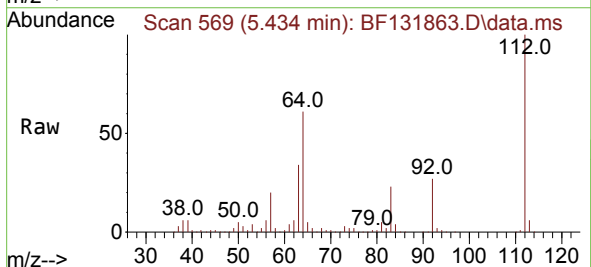
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

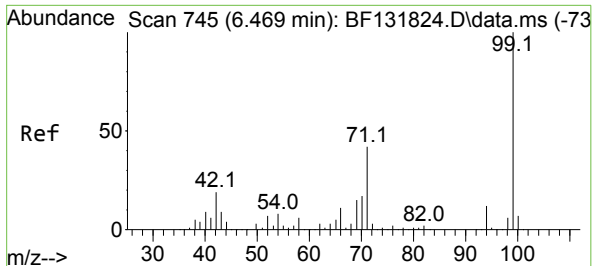
Tgt Ion:152 Resp: 67780
Ion Ratio Lower Upper
152 100
150 143.9 120.0 180.0
115 67.2 55.1 82.7



#5
2-Fluorophenol
Concen: 74.212 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

Tgt Ion:112 Resp: 303527
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 33.9 27.5 41.3

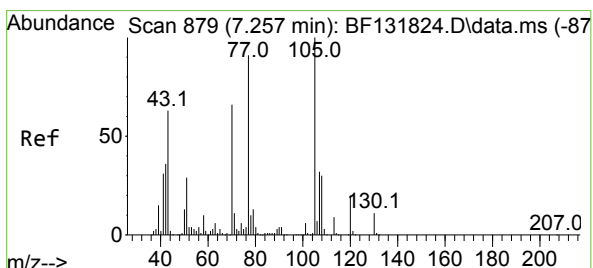
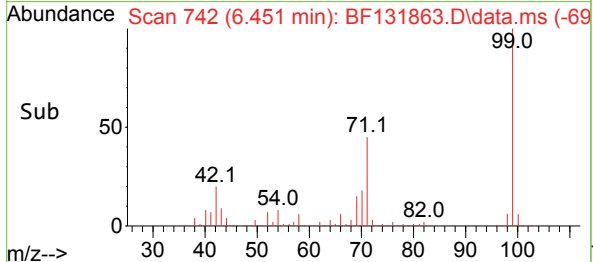
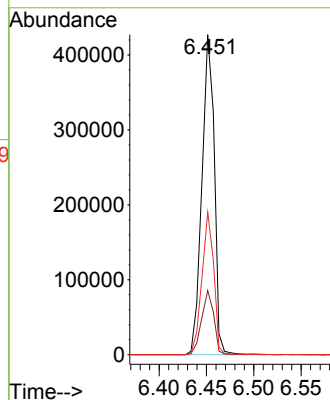
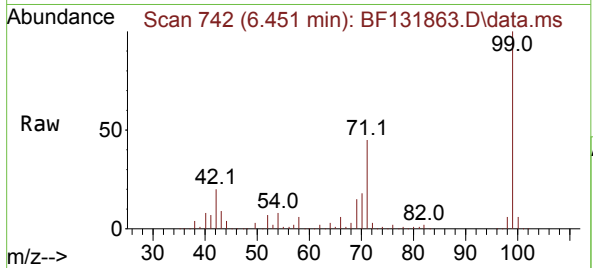




#7
Phenol-d6
Concen: 72.593 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

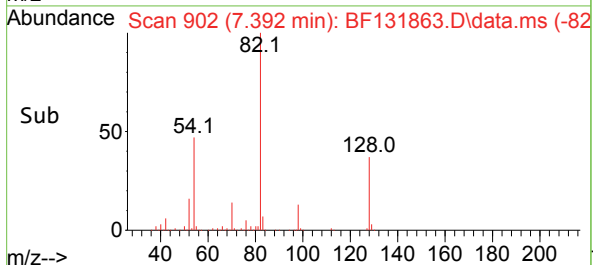
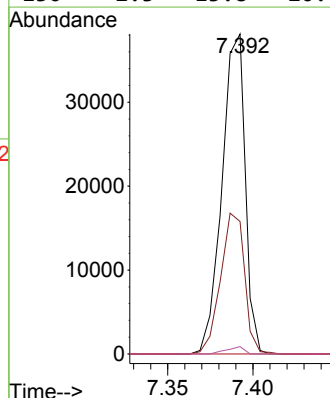
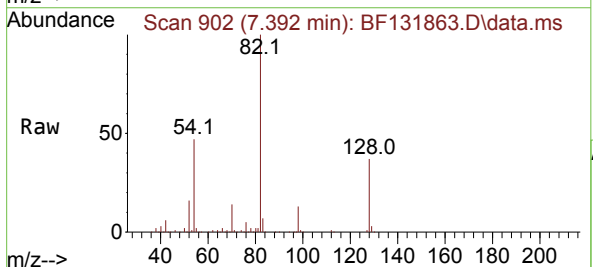
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

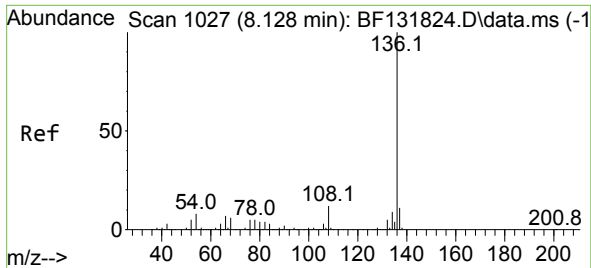
Tgt Ion: 99 Resp: 390079
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 44.5 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.530 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

Tgt Ion: 70 Resp: 36167
Ion Ratio Lower Upper
70 100
42 41.4 43.8 65.6#
101 0.0 7.4 11.0#
130 2.3 13.8 20.6#

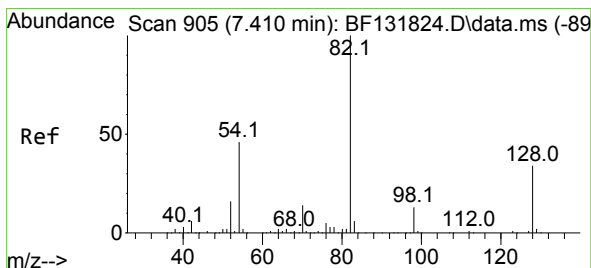
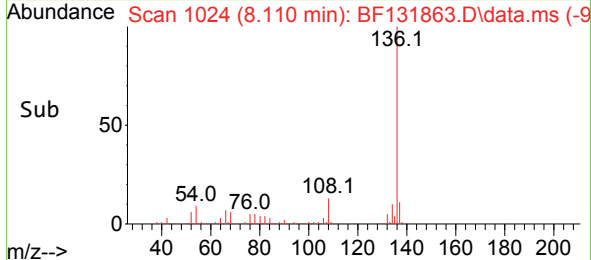
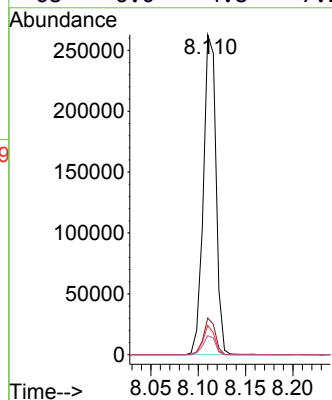
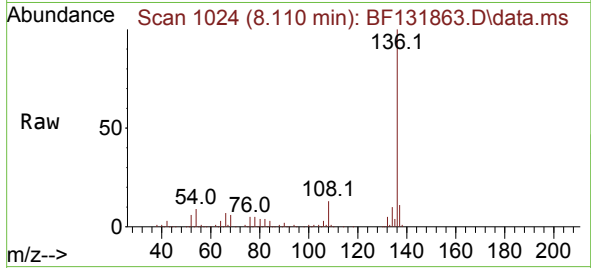




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

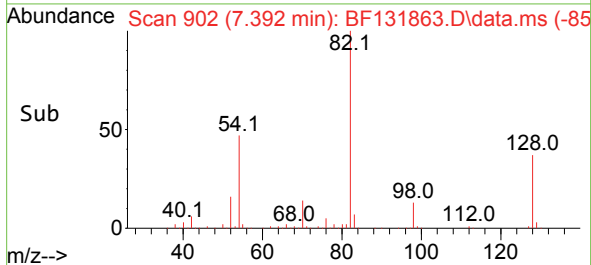
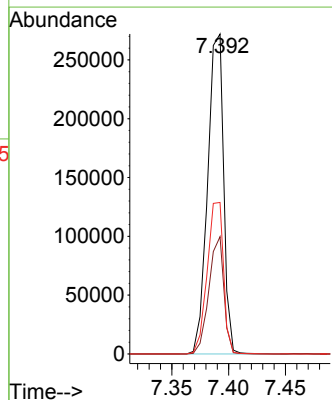
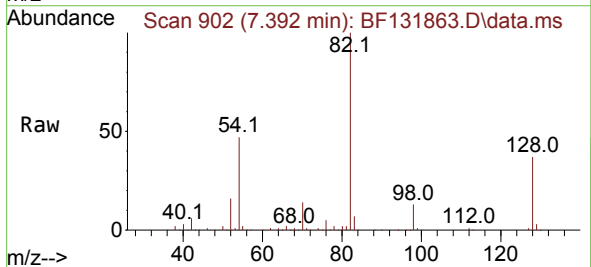
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

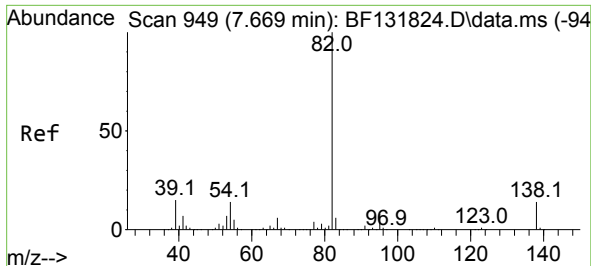
Tgt Ion:136 Resp: 244973
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.2 6.7 10.1
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 43.280 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

Tgt Ion: 82 Resp: 265553
Ion Ratio Lower Upper
82 100
128 36.7 27.1 40.7
54 47.4 37.0 55.6

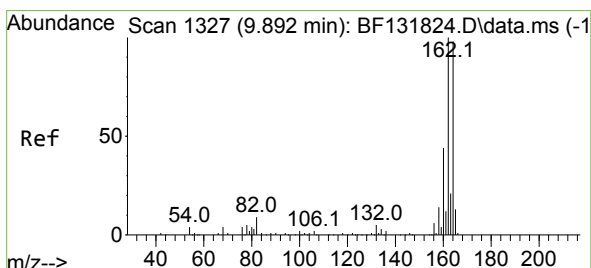
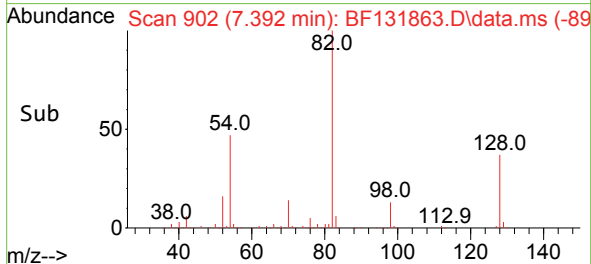
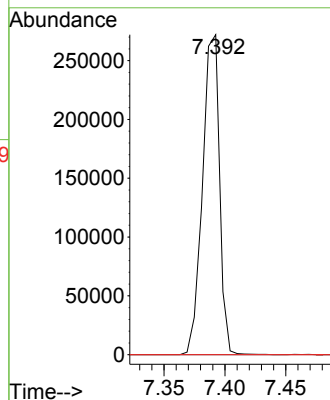
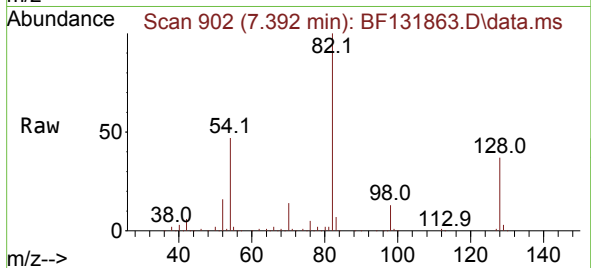




#25
Isophorone
Concen: 26.502 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

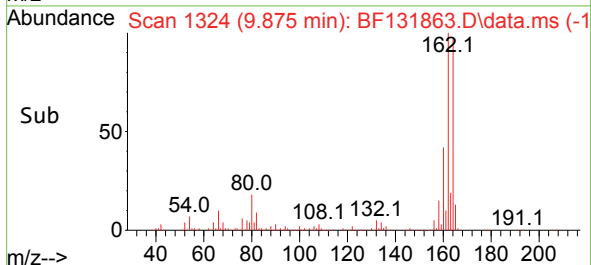
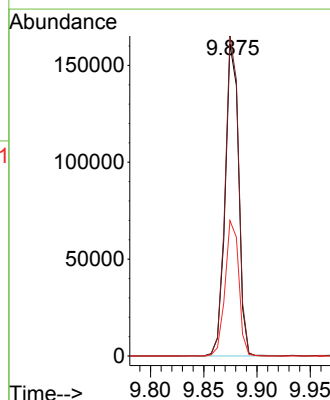
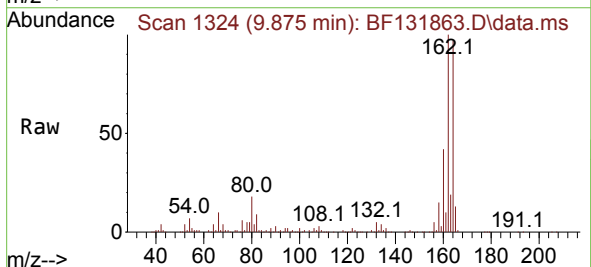
Instrument :
BNA_F
ClientSampleId :
CHRT-26598

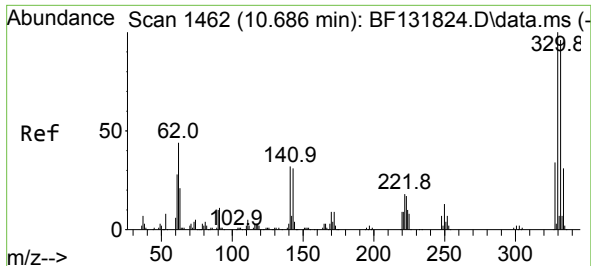
Tgt Ion: 82 Resp: 265550
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

Tgt Ion:164 Resp: 140569
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 43.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 58.923 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.018 min

Lab File: BF131863.D

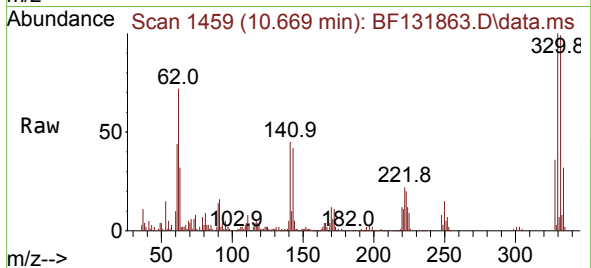
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Instrument :

BNA_F

ClientSampleId :

CHRT-26598



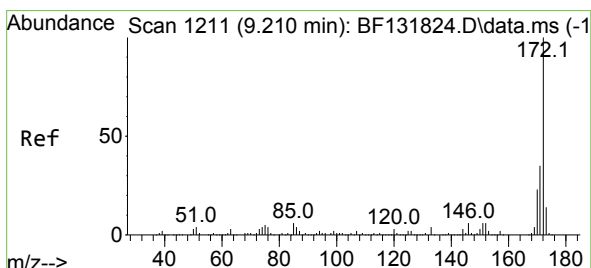
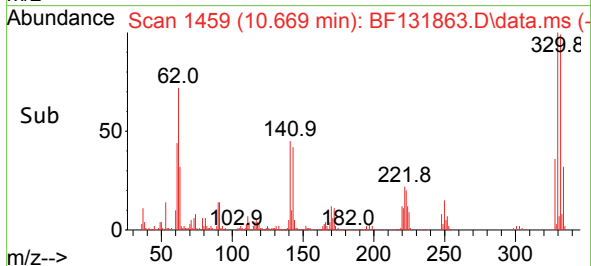
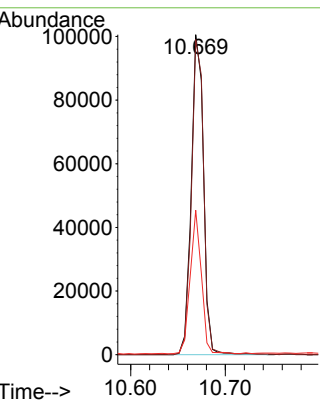
Tgt Ion:330 Resp: 89993

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 40.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 37.493 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.018 min

Lab File: BF131863.D

Acq: 28 Dec 2022 16:28

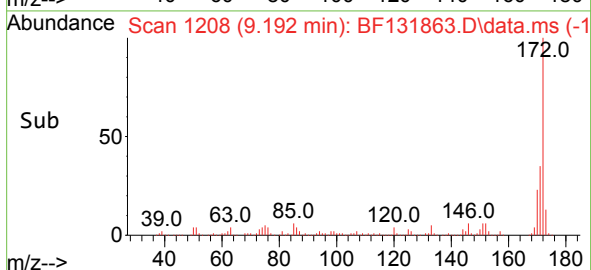
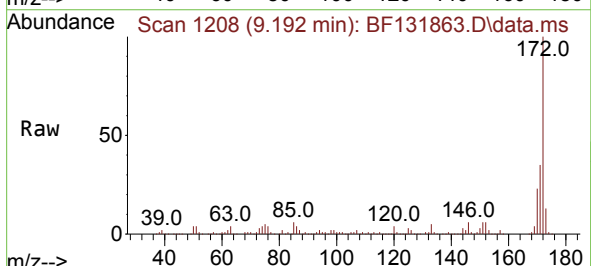
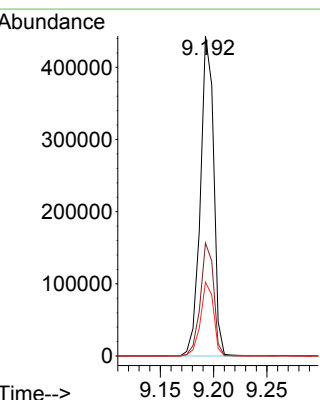
Tgt Ion:172 Resp: 384774

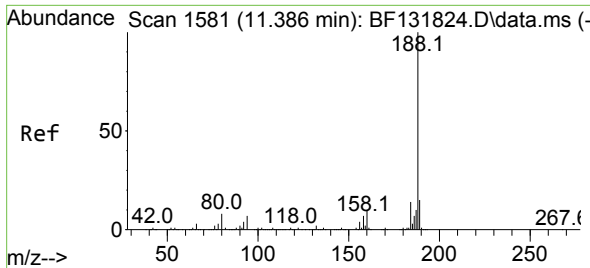
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.1 18.7 28.1

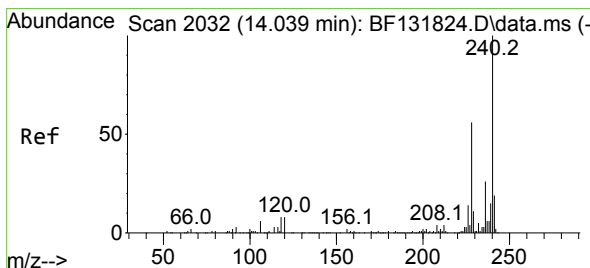
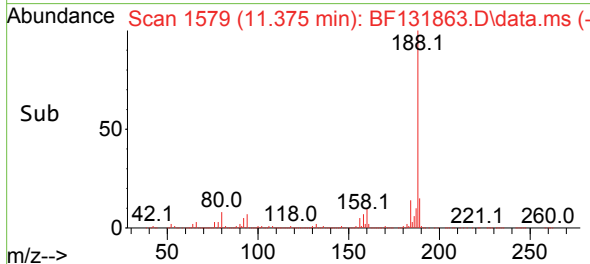
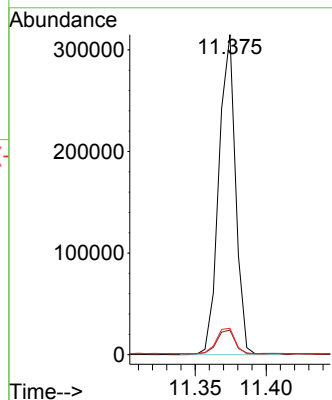
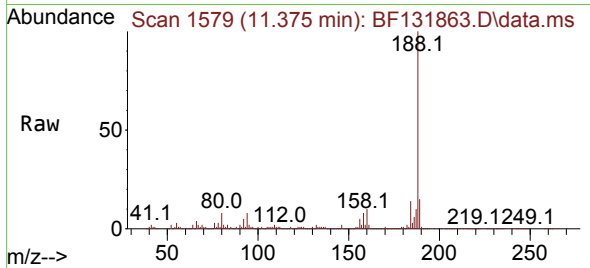




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

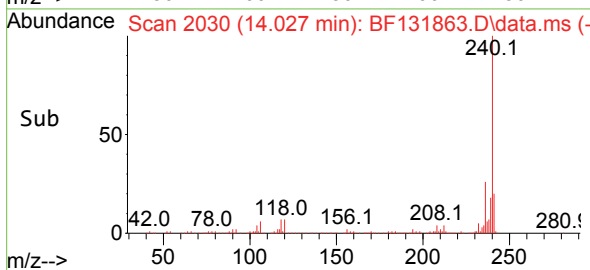
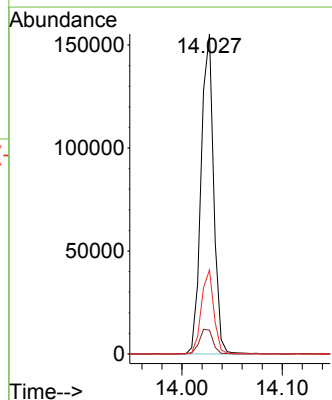
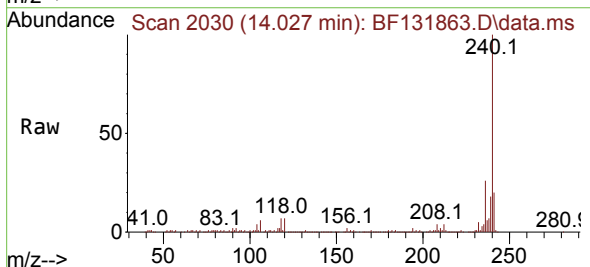
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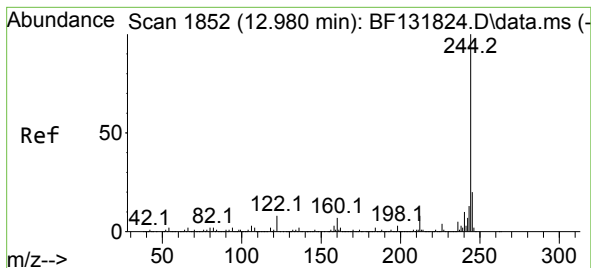
Tgt Ion:188 Resp: 257846
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.2 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131863.D
Acq: 28 Dec 2022 16:28

Tgt Ion:240 Resp: 135890
Ion Ratio Lower Upper
240 100
120 7.4 6.7 10.1
236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 51.249 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF131863.D

Acq: 28 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

CHRT-26598

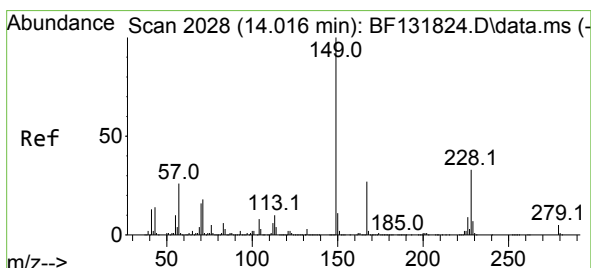
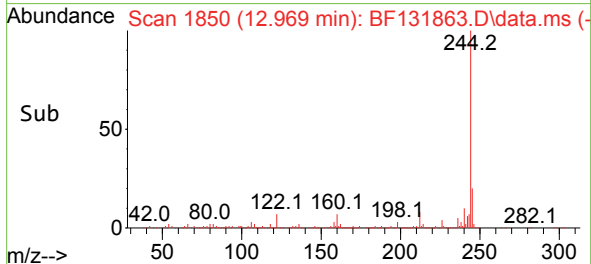
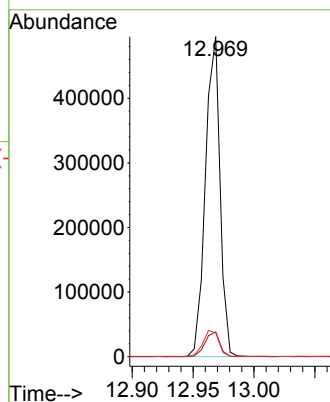
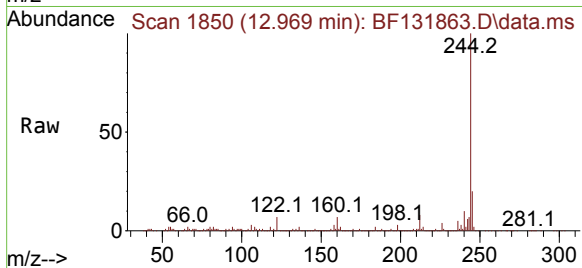
Tgt Ion:244 Resp: 411712

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 7.5 6.4 9.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.101 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF131863.D

Acq: 28 Dec 2022 16:28

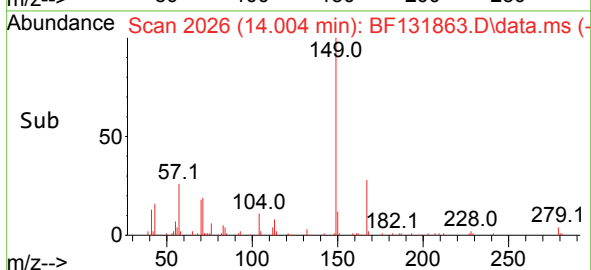
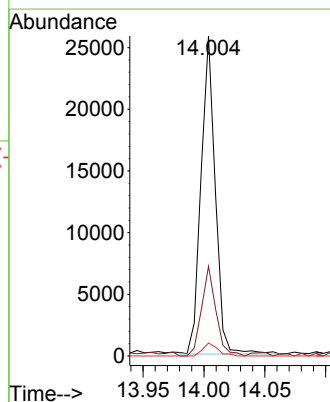
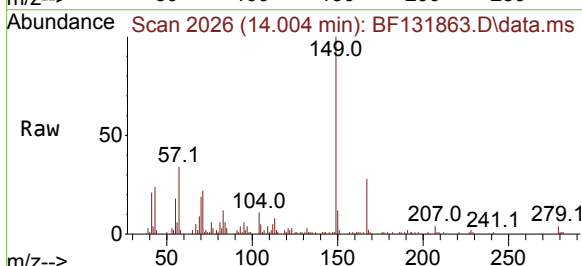
Tgt Ion:149 Resp: 21093

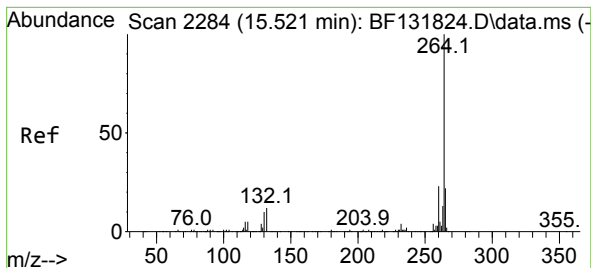
Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.6

279 4.1 3.9 5.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131863.D

Acq: 28 Dec 2022 16:28

Instrument :

BNA_F

ClientSampleId :

CHRT-26598

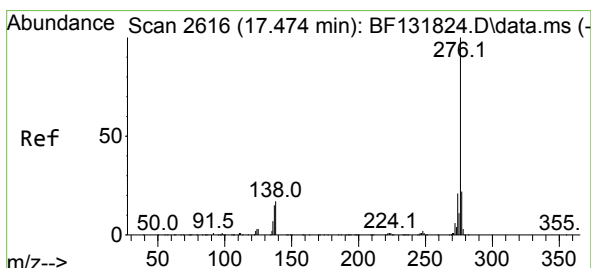
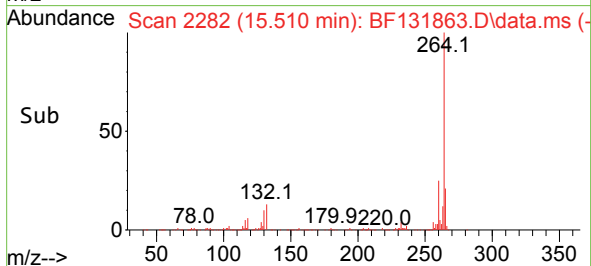
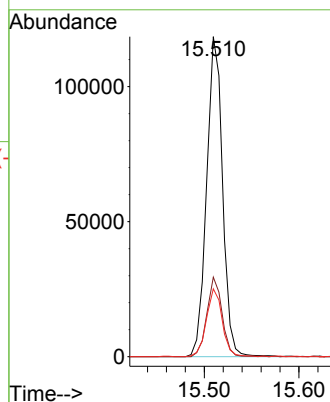
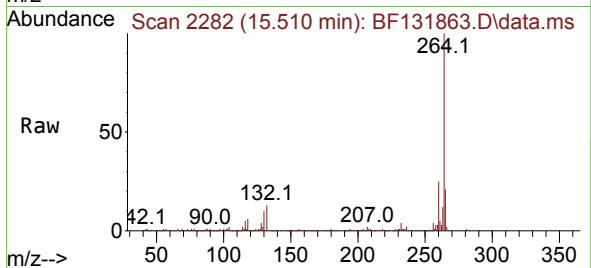
Tgt Ion:264 Resp: 138468

Ion Ratio Lower Upper

264 100

260 24.8 18.6 28.0

265 21.2 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.466 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.023 min

Lab File: BF131863.D

Acq: 28 Dec 2022 16:28

Tgt Ion:276 Resp: 2094

Ion Ratio Lower Upper

276 100

277 26.9 17.9 26.9#

138 16.5 13.7 20.5

