

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132031.D
 Acq On : 11 Jan 2023 19:33
 Operator : CG\JU
 Sample : 01094-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-B

Quant Time: Jan 12 00:37:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	81096	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	308225	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	176019	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	300304	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	131610	20.000	ng	-0.01
86) Perylene-d12	15.439	264	145645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	551473	112.053	ng	0.01
7) Phenol-d6	6.428	99	716808	109.850	ng	0.00
23) Nitrobenzene-d5	7.351	82	517683	69.708	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	189848	93.806	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	923116	70.798	ng	-0.01
79) Terphenyl-d14	12.916	244	693510	75.525	ng	-0.01

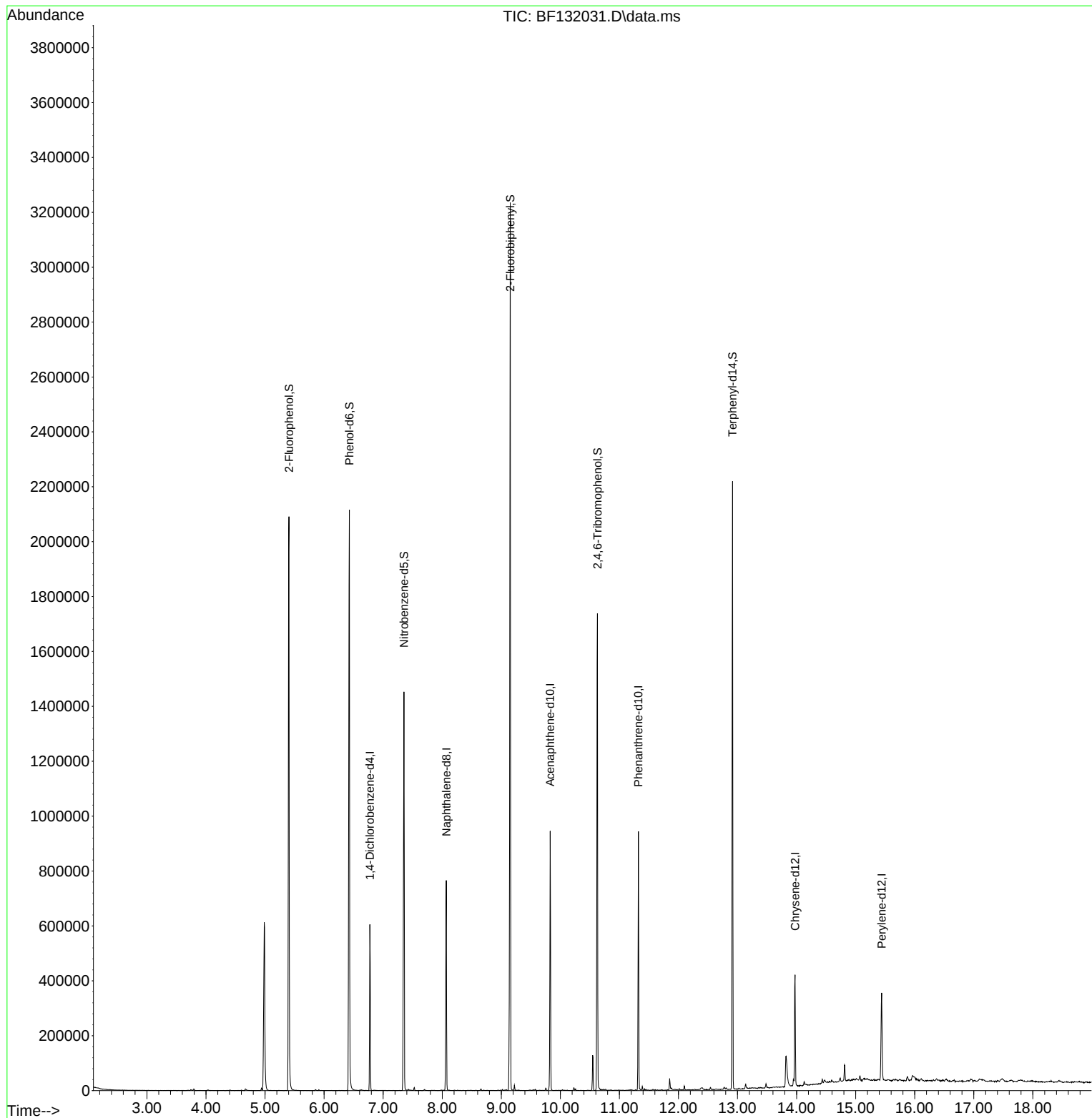
Target Compounds	Qvalue

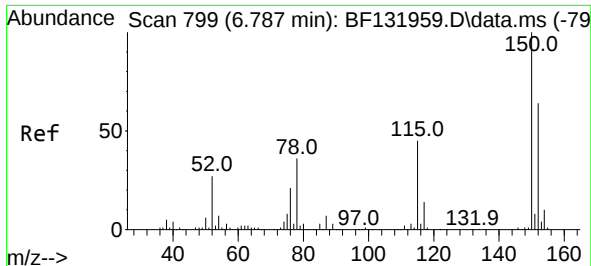
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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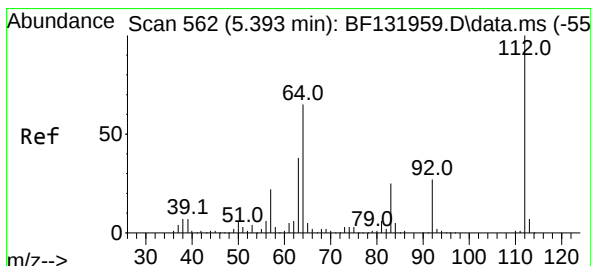
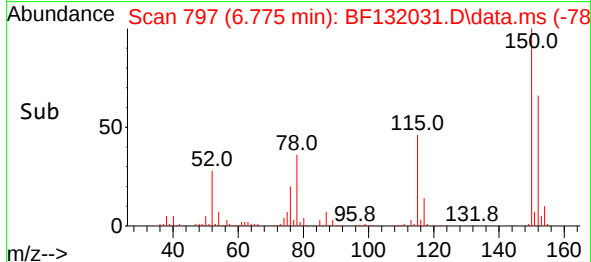
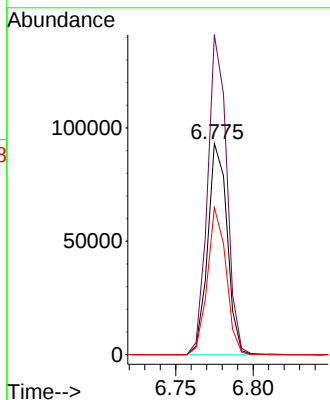
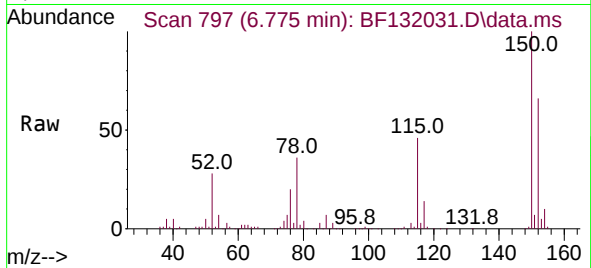




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

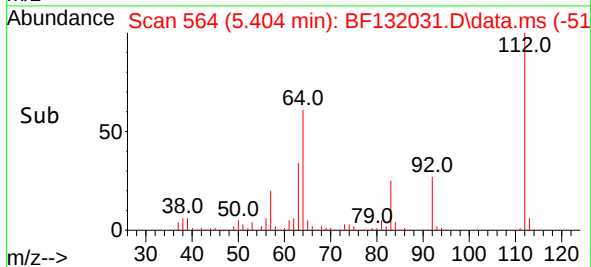
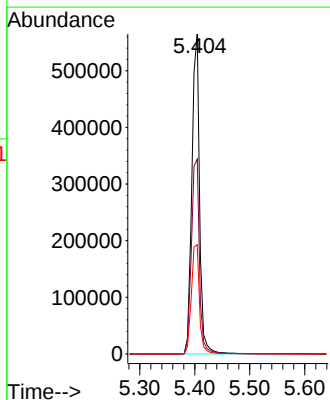
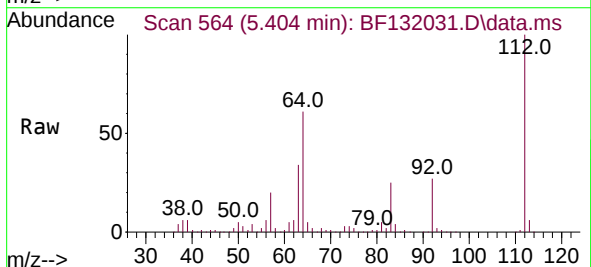
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

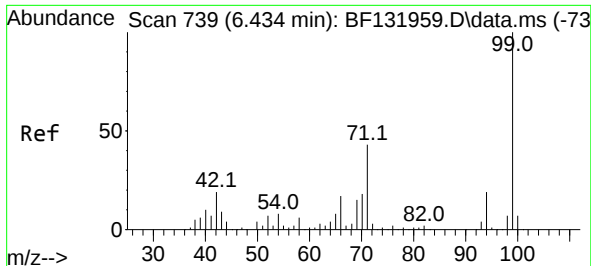
Tgt Ion:152 Resp: 81096
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 69.7 55.6 83.4



#5
2-Fluorophenol
Concen: 112.053 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:112 Resp: 551473
Ion Ratio Lower Upper
112 100
64 60.8 51.9 77.9
63 34.1 30.2 45.2

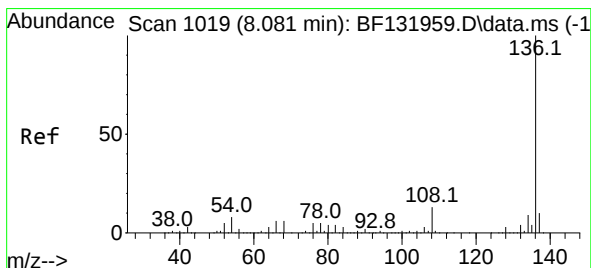
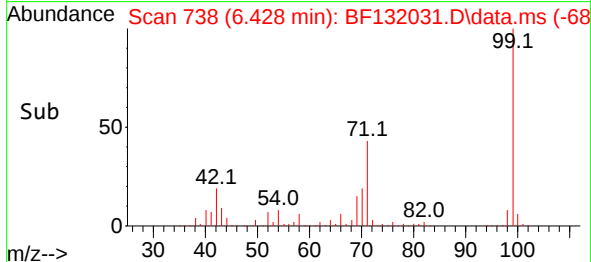
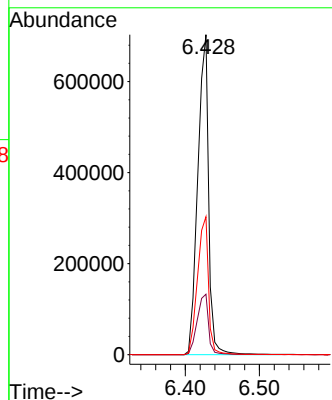
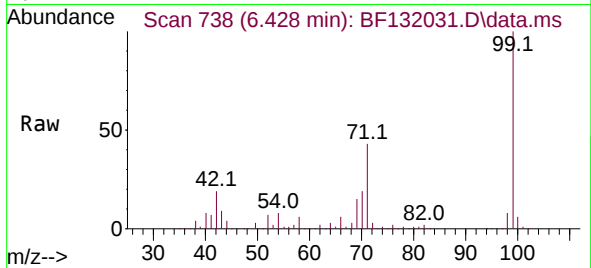




#7
Phenol-d6
Concen: 109.850 ng
RT: 6.428 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

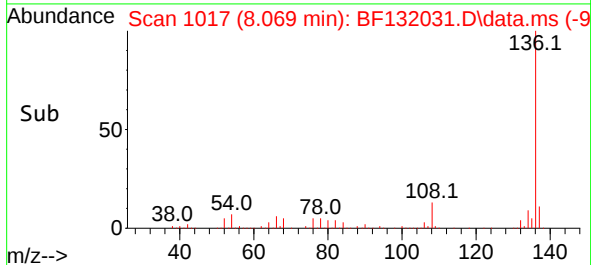
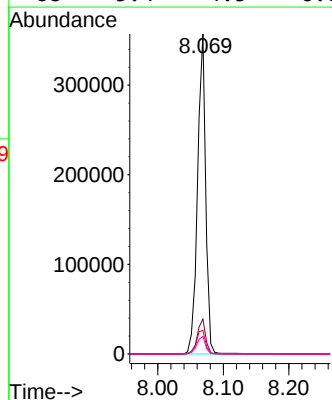
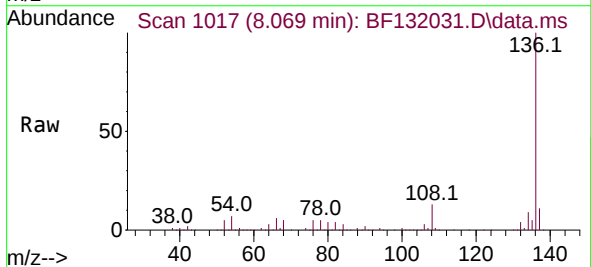
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

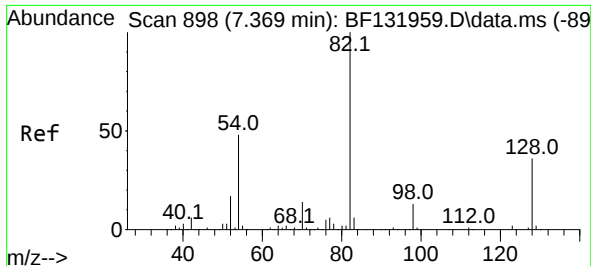
Tgt Ion: 99 Resp: 716808
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 43.1 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion: 136 Resp: 308225
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.3 6.6 9.8
68 5.4 4.5 6.7

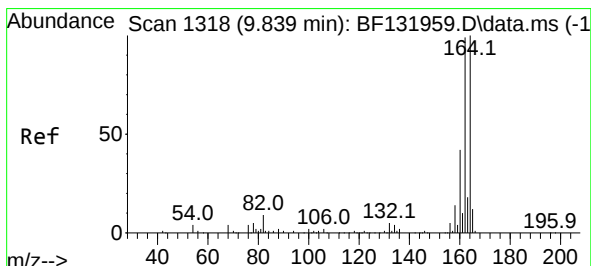
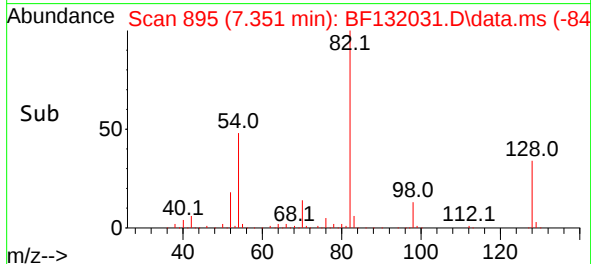
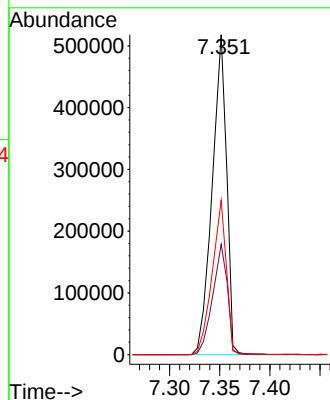
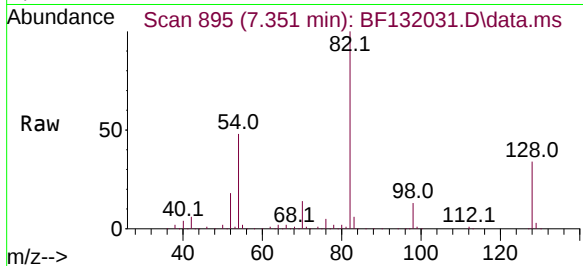




#23
Nitrobenzene-d5
Concen: 69.708 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

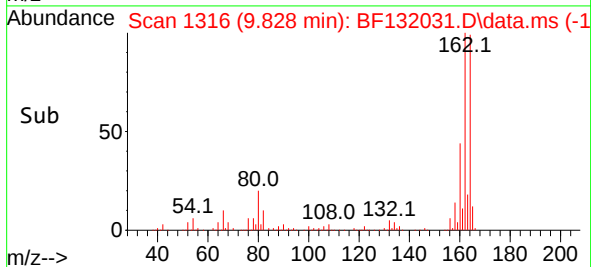
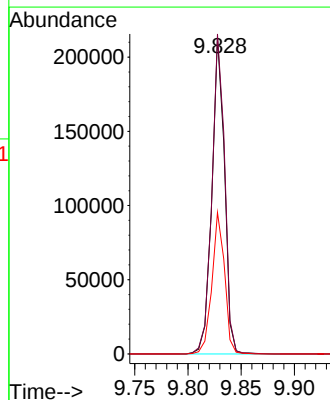
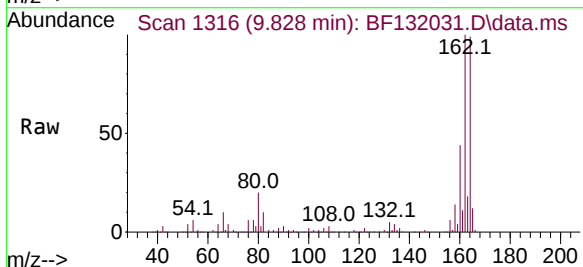
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-B

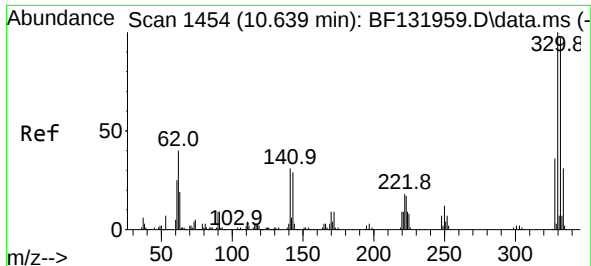
Tgt Ion: 82 Resp: 517683
Ion Ratio Lower Upper
82 100
128 34.5 28.7 43.1
54 48.2 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF132031.D
Acq: 11 Jan 2023 19:33

Tgt Ion:164 Resp: 176019
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 44.7 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 93.806 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-B

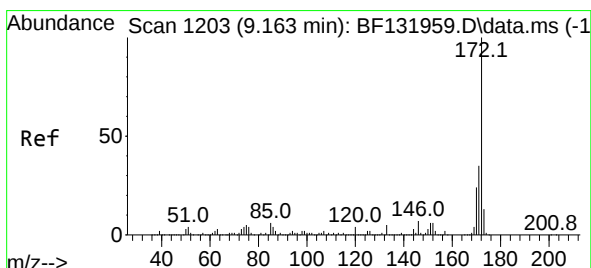
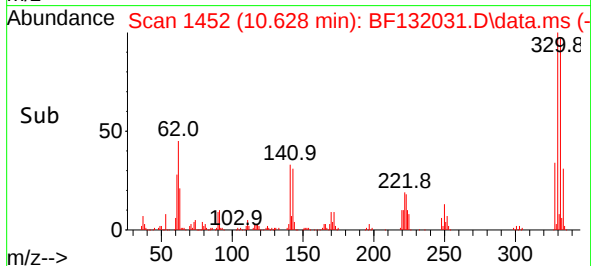
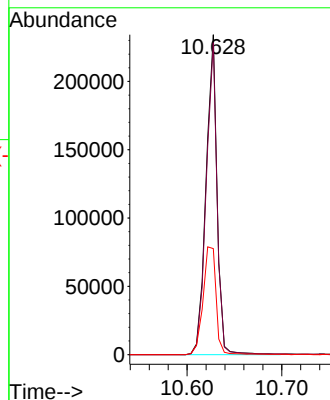
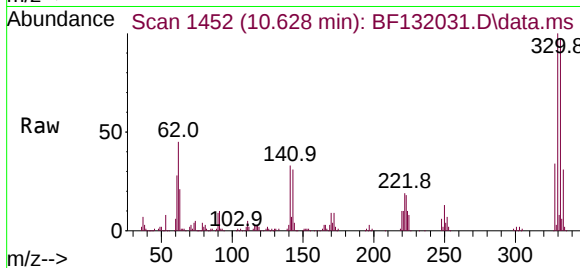
Tgt Ion:330 Resp: 189848

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 39.8 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 70.798 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

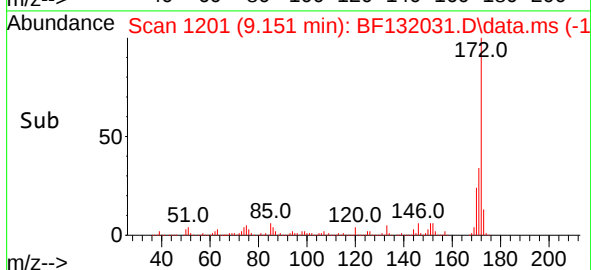
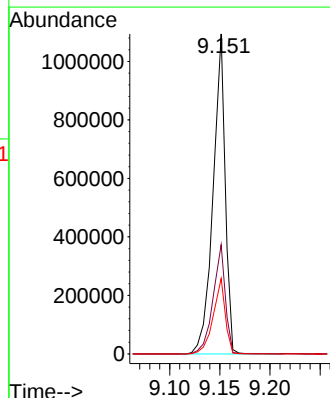
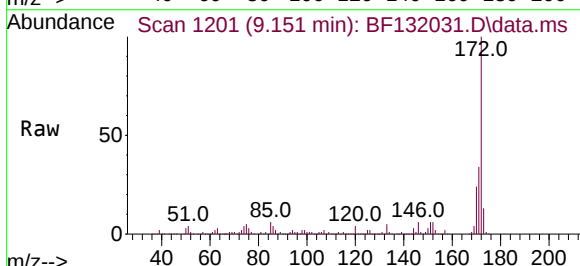
Tgt Ion:172 Resp: 923116

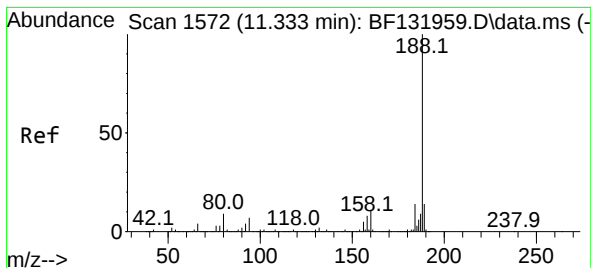
Ion Ratio Lower Upper

172 100

171 34.1 28.0 42.0

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

Instrument :

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ClientSampleId :

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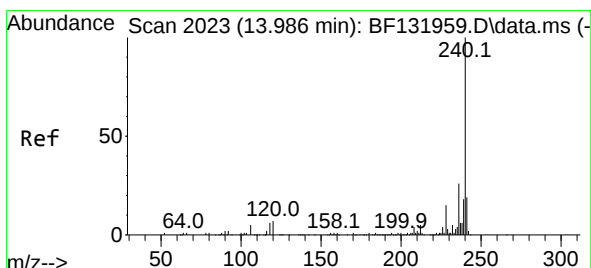
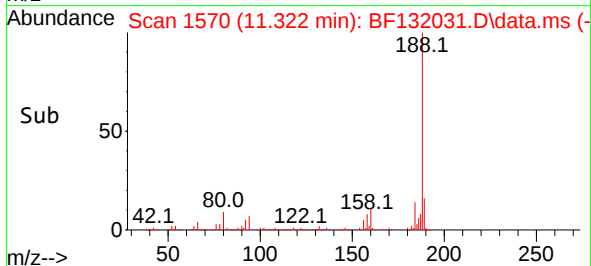
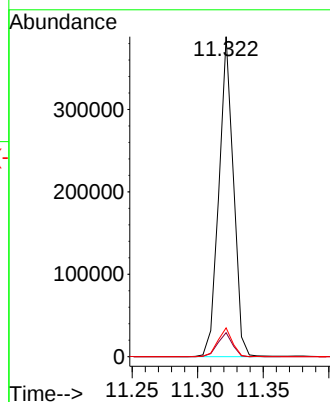
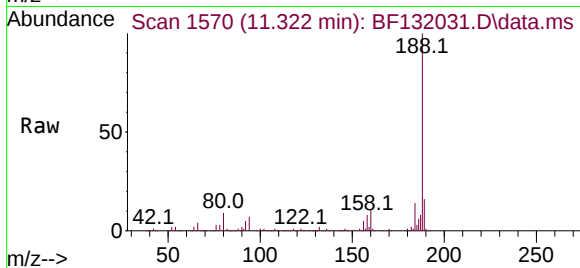
Tgt Ion:188 Resp: 300304

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

80 9.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF132031.D

Acq: 11 Jan 2023 19:33

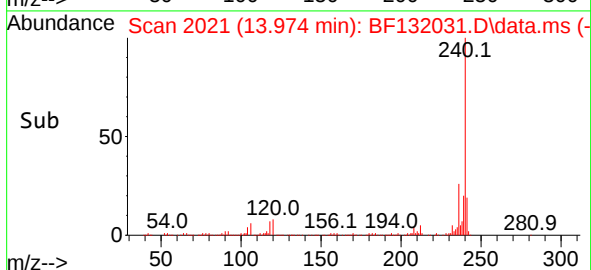
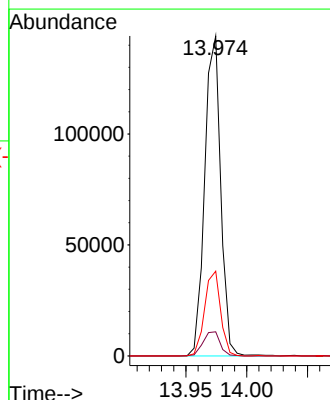
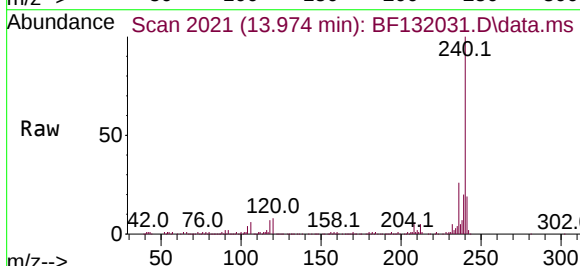
Tgt Ion:240 Resp: 131610

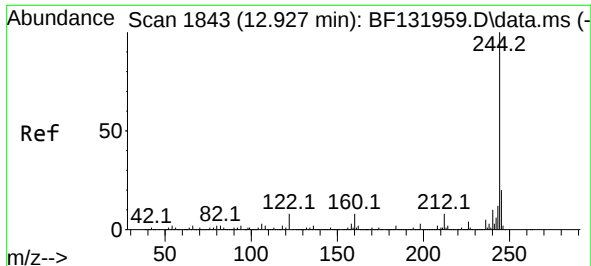
Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.0

236 26.5 21.1 31.7

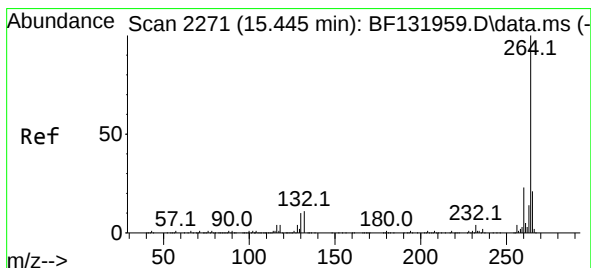
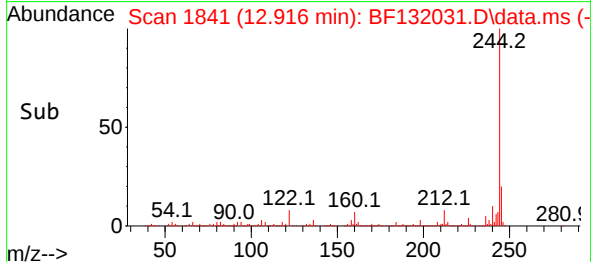
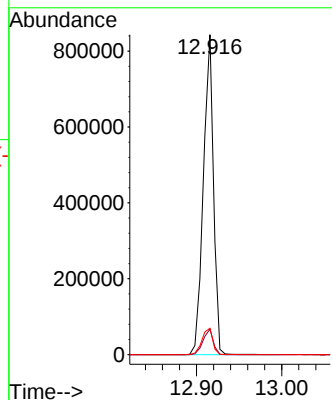
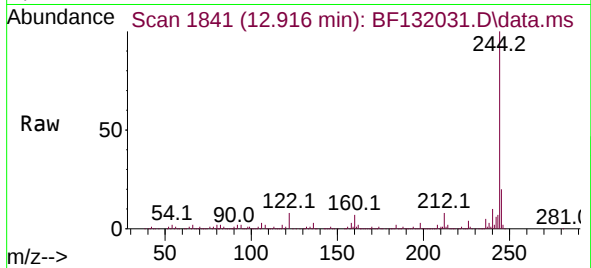




#79
 Terphenyl-d14
 Concen: 75.525 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF132031.D
 Acq: 11 Jan 2023 19:33

Instrument :
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 STOCKPILE-B

Tgt Ion:244 Resp: 693510
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF132031.D
 Acq: 11 Jan 2023 19:33

Tgt Ion:264 Resp: 145645
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.6 16.9 25.3

