

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131899.D
 Acq On : 04 Jan 2023 15:09
 Operator : CG\JU
 Sample : 01004-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAINMENT-STONES

Quant Time: Jan 05 05:41:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	72284	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	263658	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	141787	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	231735	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	128749	20.000	ng	0.00
86) Perylene-d12	15.486	264	155185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	444067	101.809	ng	0.00
7) Phenol-d6	6.445	99	584895	102.066	ng	0.00
23) Nitrobenzene-d5	7.381	82	405714	61.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	139505	90.557	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	706564	68.258	ng	0.00
79) Terphenyl-d14	12.951	244	571855	75.131	ng	0.00

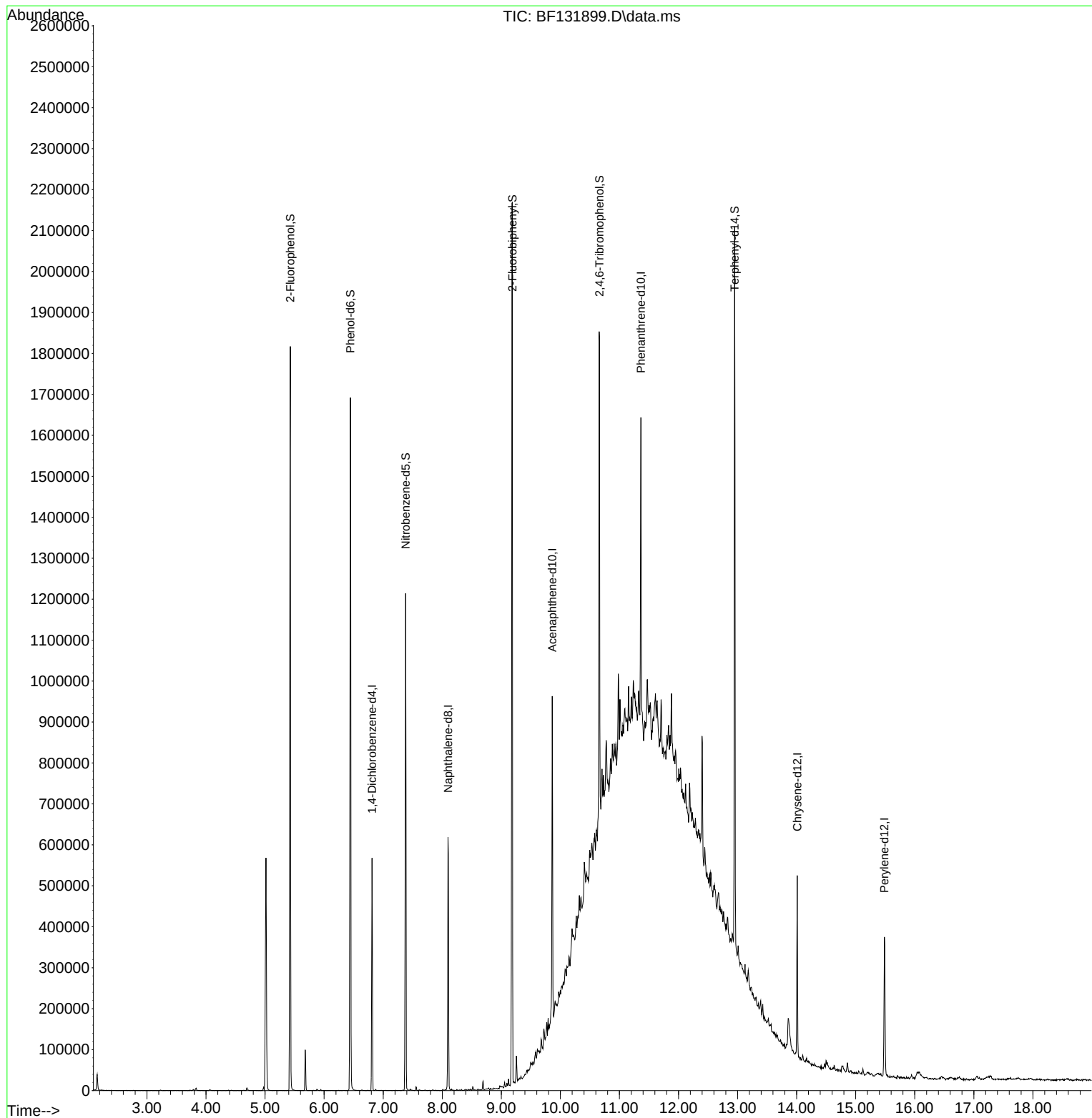
Target Compounds	Qvalue

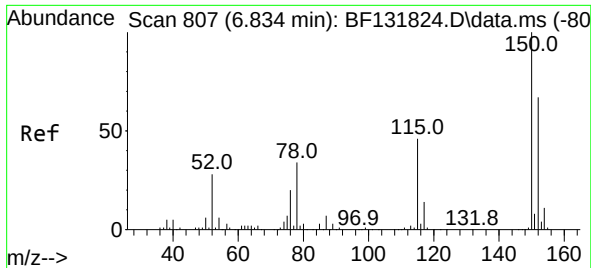
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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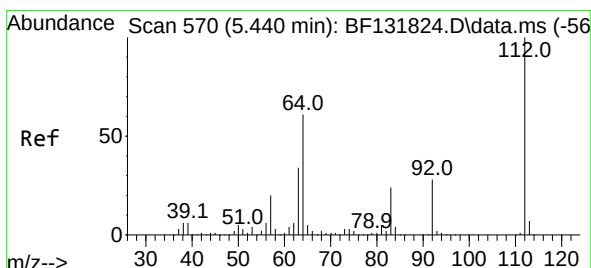
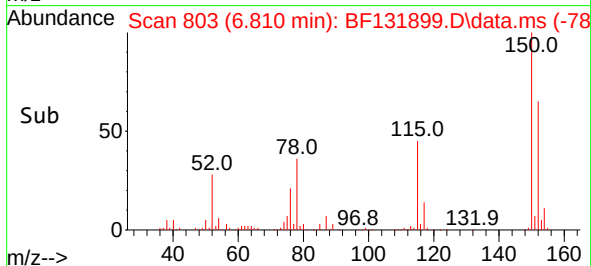
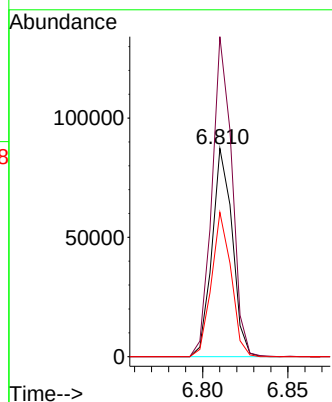
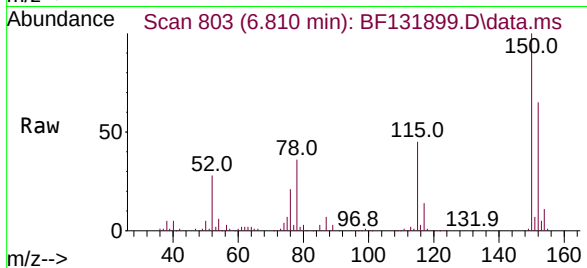




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

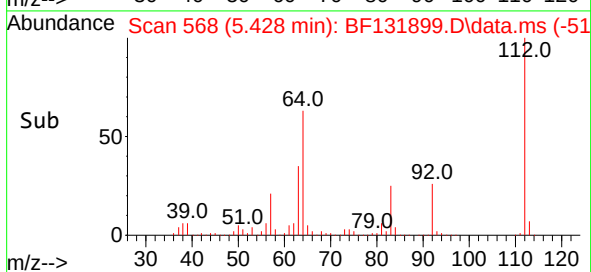
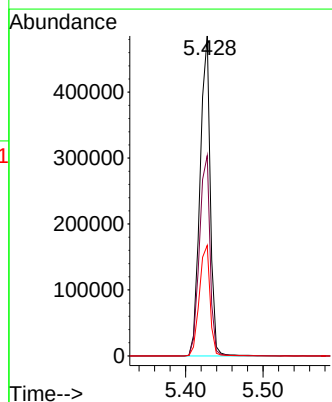
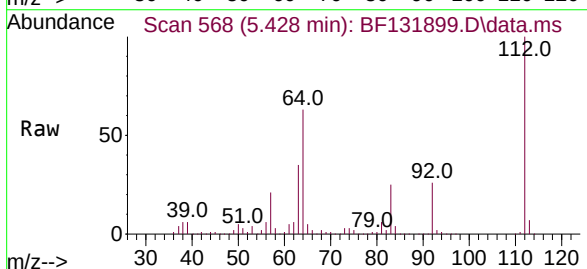
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

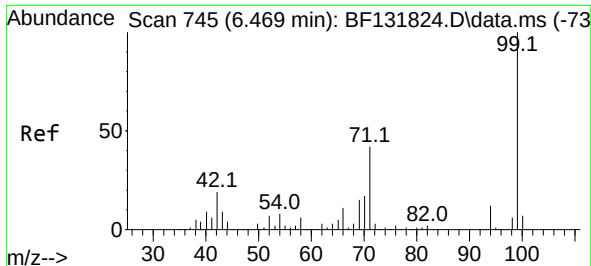
Tgt Ion:152 Resp: 72284
Ion Ratio Lower Upper
152 100
150 153.7 120.0 180.0
115 69.2 55.1 82.7



#5
2-Fluorophenol
Concen: 101.809 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

Tgt Ion:112 Resp: 444067
Ion Ratio Lower Upper
112 100
64 62.6 49.2 73.8
63 34.5 27.5 41.3

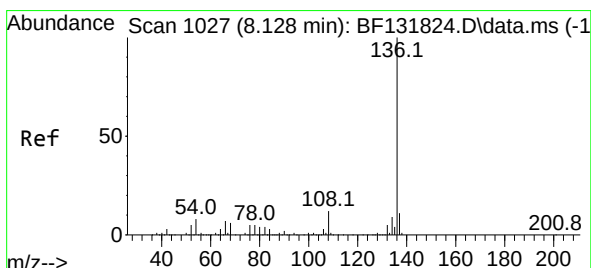
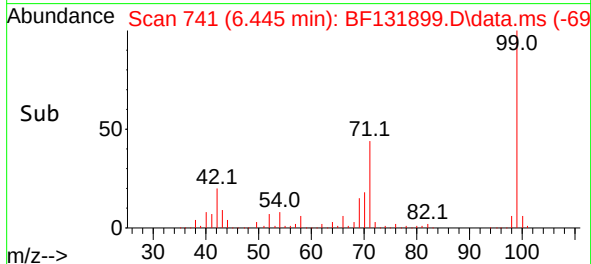
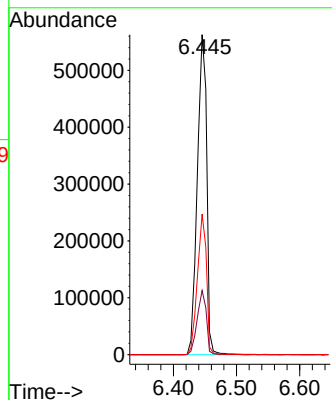
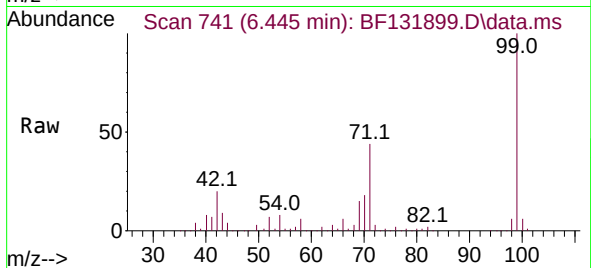




#7
Phenol-d6
Concen: 102.066 ng
RT: 6.445 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

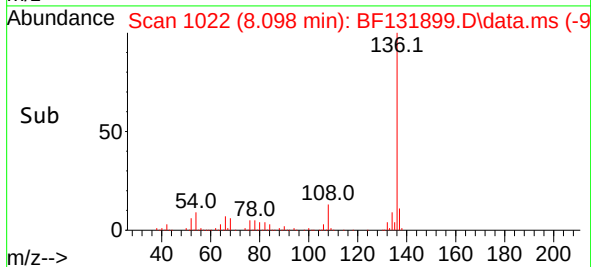
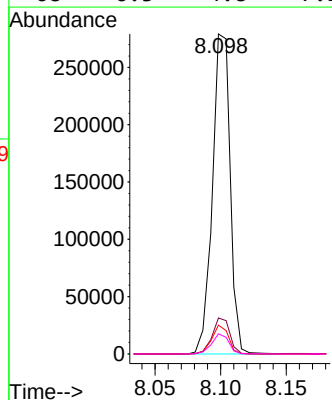
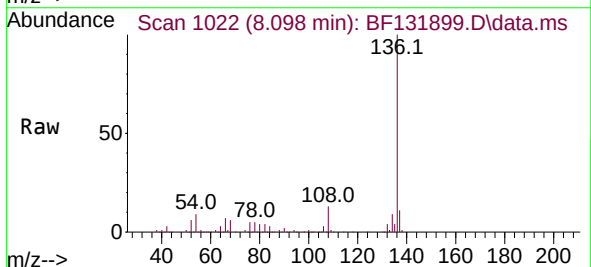
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

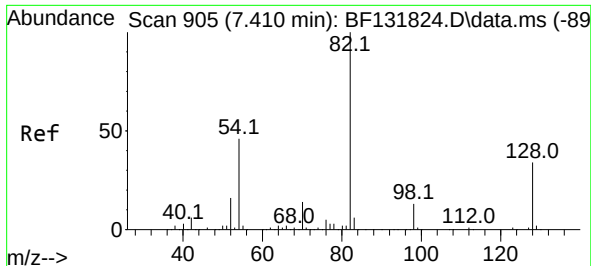
Tgt Ion: 99 Resp: 584895
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 43.9 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

Tgt Ion: 136 Resp: 263658
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.0 6.7 10.1
68 6.3 4.8 7.2

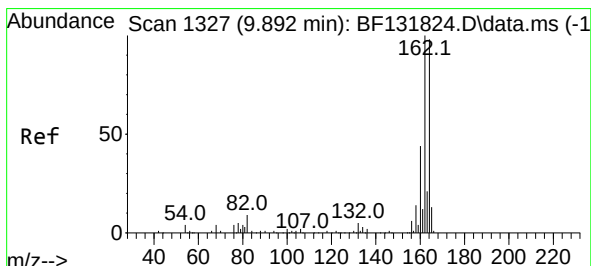
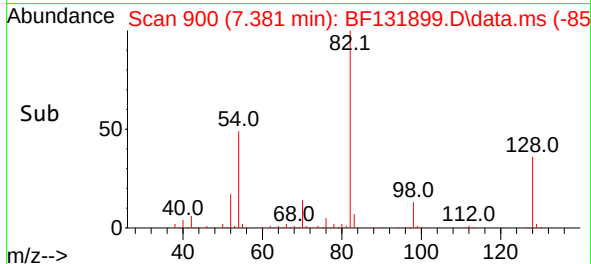
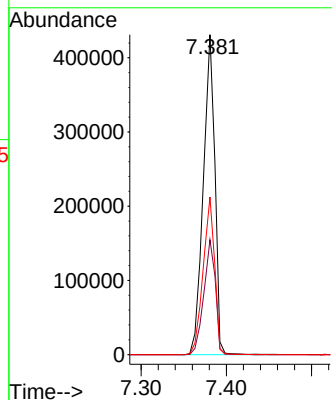
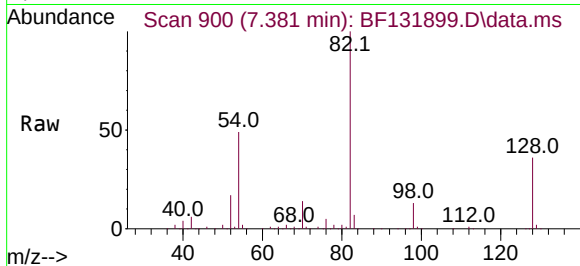




#23
Nitrobenzene-d5
Concen: 61.437 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

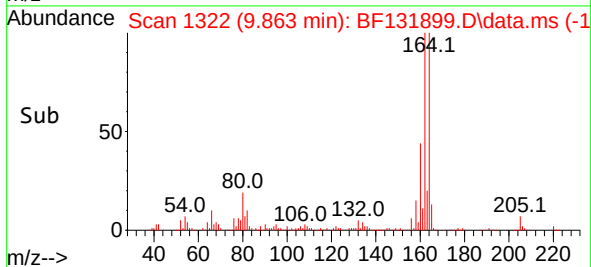
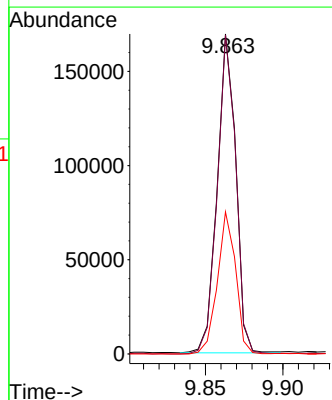
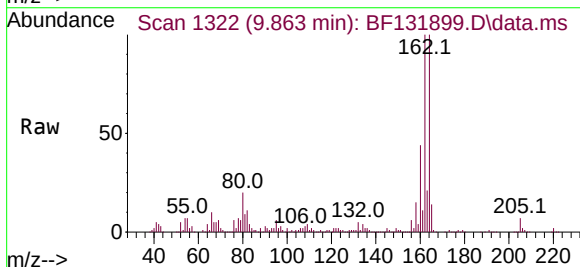
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

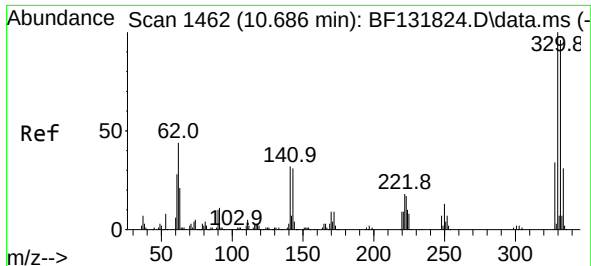
Tgt Ion: 82 Resp: 405714
Ion Ratio Lower Upper
82 100
128 35.9 27.1 40.7
54 49.2 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

Tgt Ion:164 Resp: 141787
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 44.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 90.557 ng

RT: 10.663 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131899.D

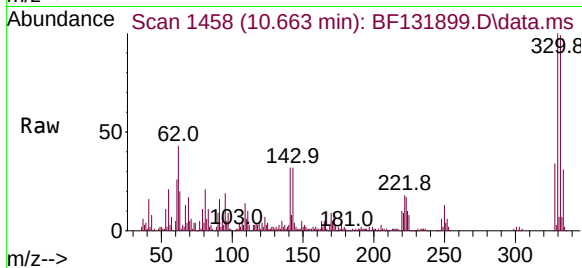
Acq: 04 Jan 2023 15:09

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONES



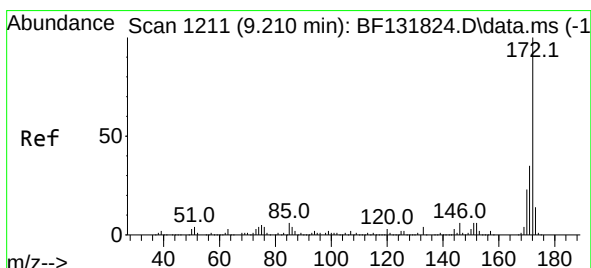
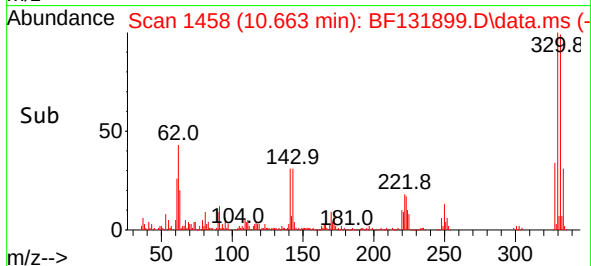
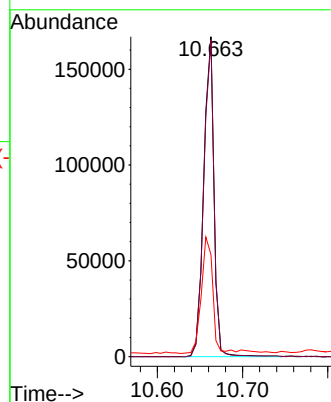
Tgt Ion:330 Resp: 139505

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.4

141 39.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 68.258 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131899.D

Acq: 04 Jan 2023 15:09

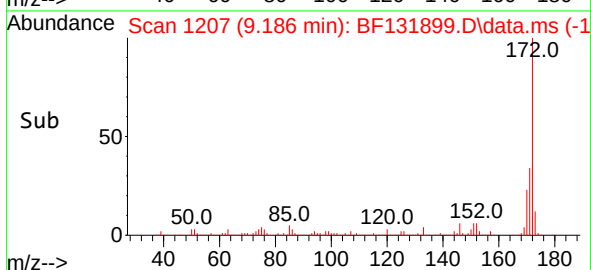
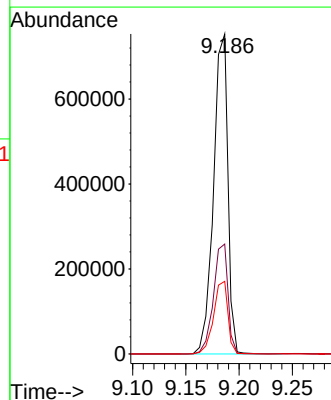
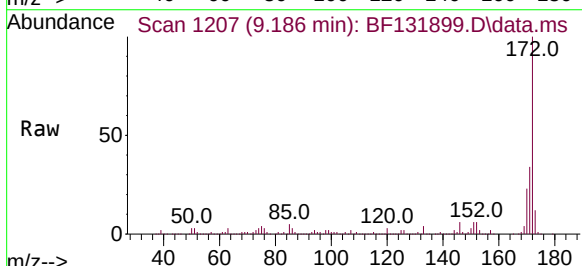
Tgt Ion:172 Resp: 706564

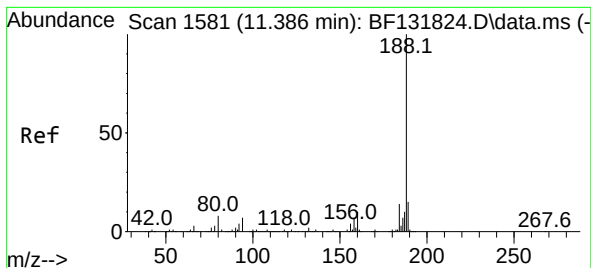
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131899.D

Acq: 04 Jan 2023 15:09

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONES

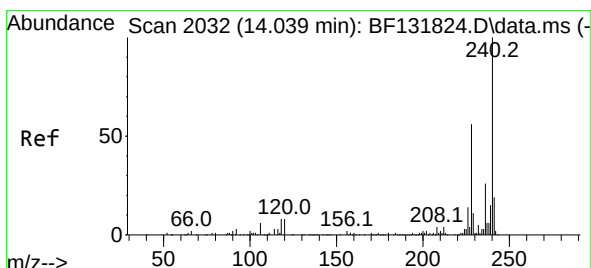
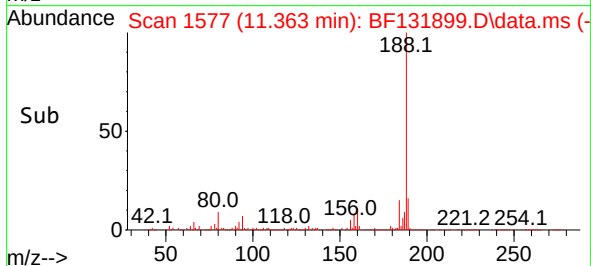
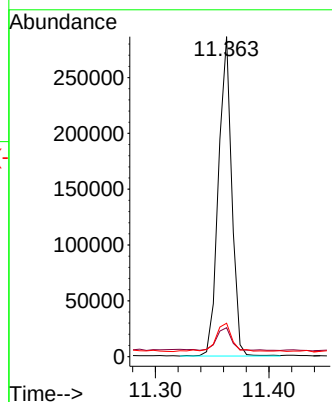
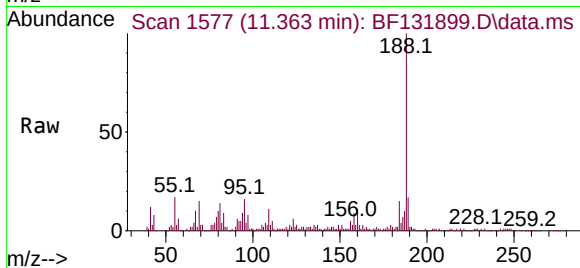
Tgt Ion:188 Resp: 231735

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

80 10.4 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131899.D

Acq: 04 Jan 2023 15:09

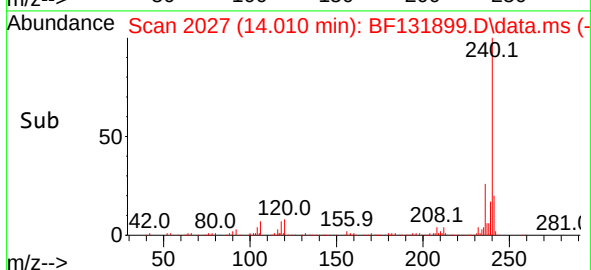
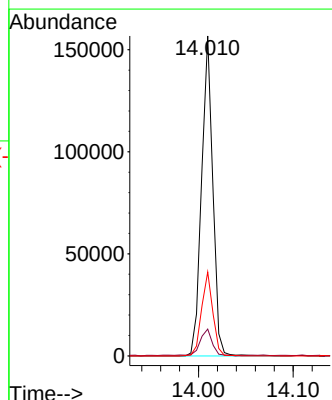
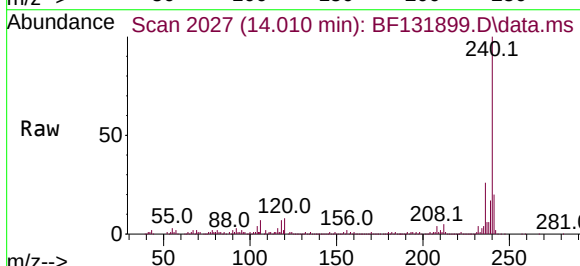
Tgt Ion:240 Resp: 128749

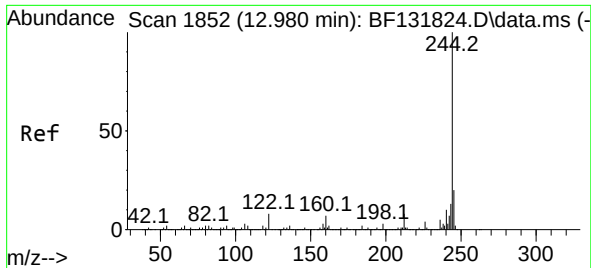
Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 26.2 20.6 31.0

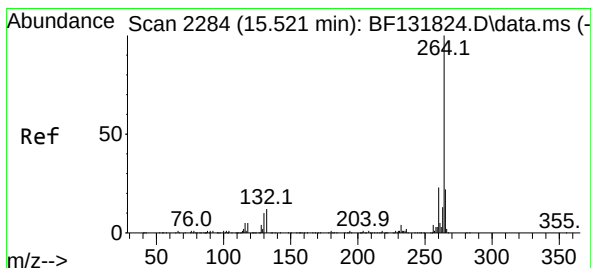
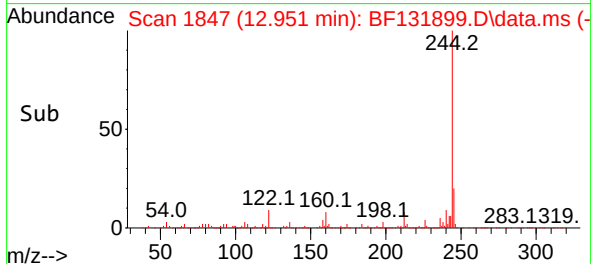
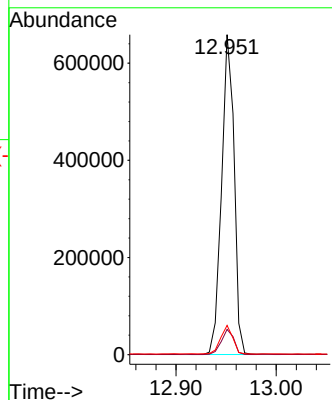
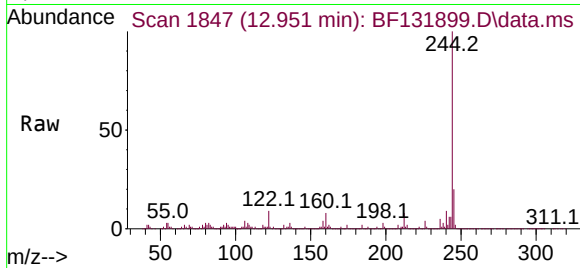




#79
 Terphenyl-d14
 Concen: 75.131 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131899.D
 Acq: 04 Jan 2023 15:09

Instrument :
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Tgt Ion:244 Resp: 571855
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.1 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131899.D
 Acq: 04 Jan 2023 15:09

Tgt Ion:264 Resp: 155185
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.5 17.4 26.0

