

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)

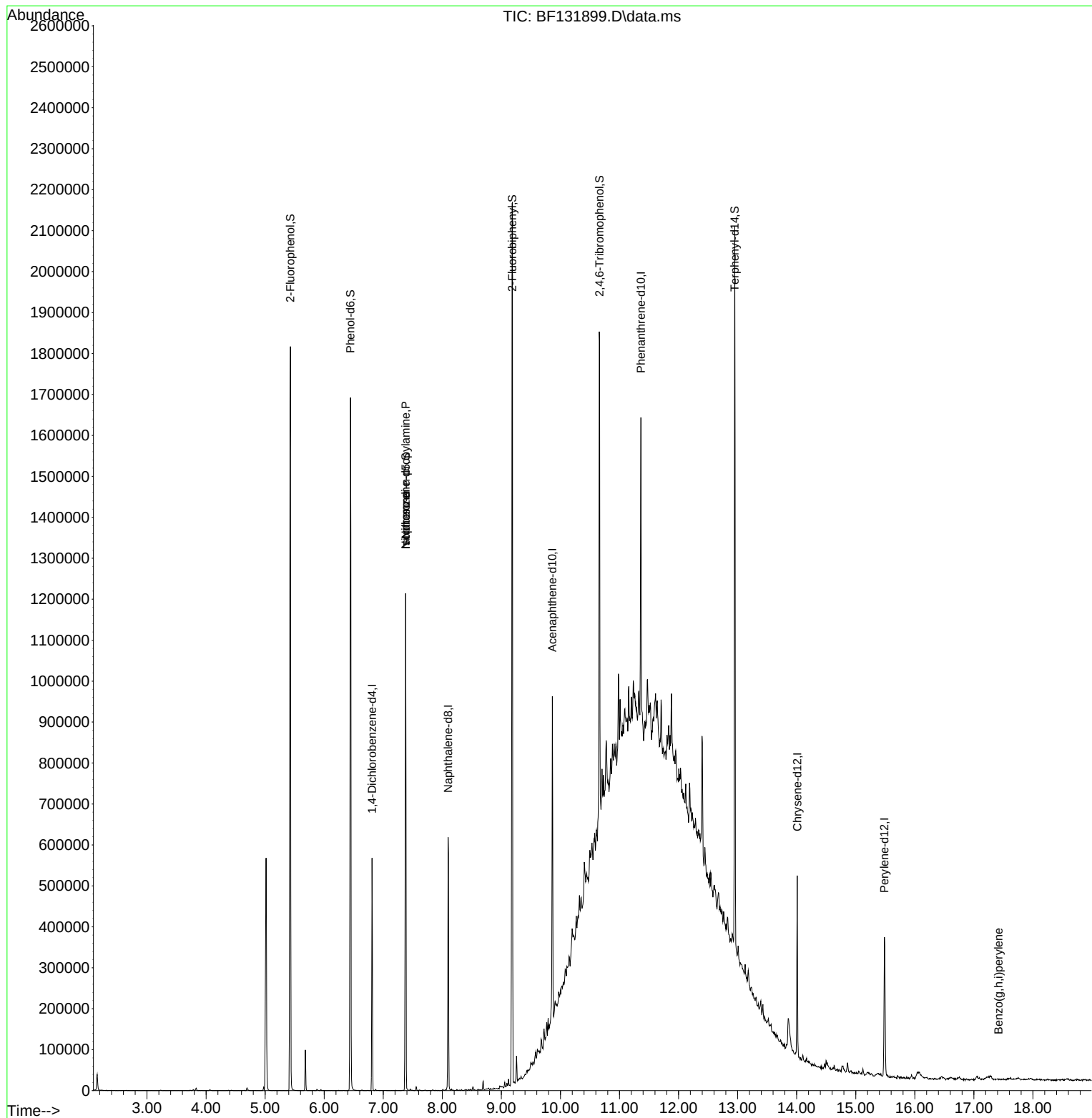
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	72284	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	263658	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	141787	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	231735	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	128749	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.381	70	56557	13.974	ng	# 79
25) Isophorone	7.381	82	405768	37.625	ng	# 69
92) Benzo(g,h,i)perylene	17.415	276	400	5.285	ng	# 56

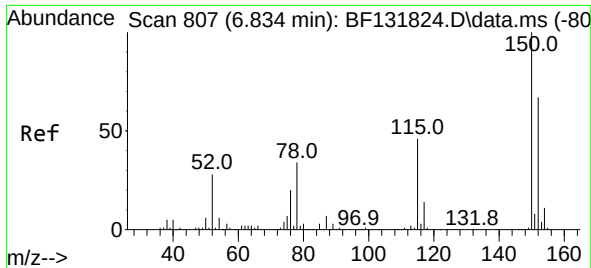
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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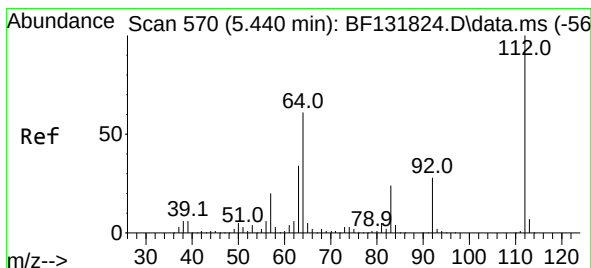
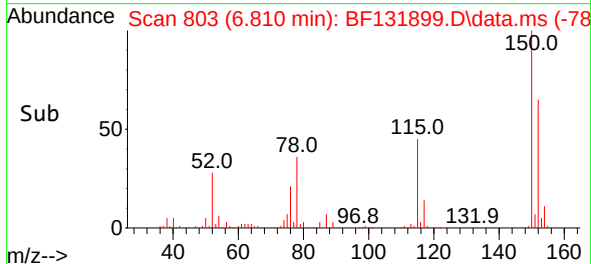
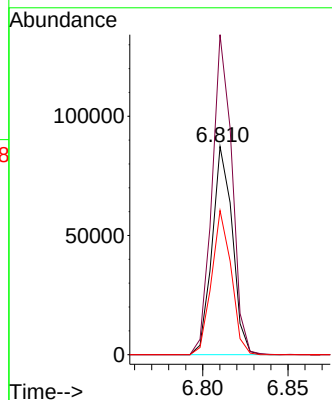
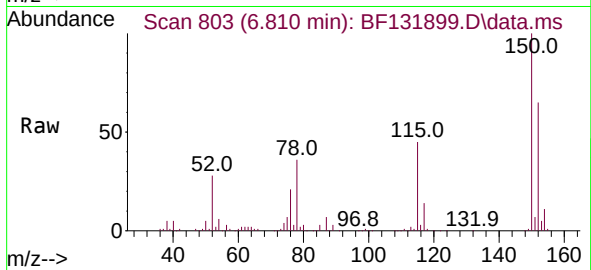




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

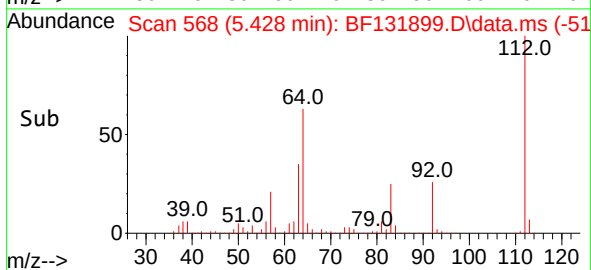
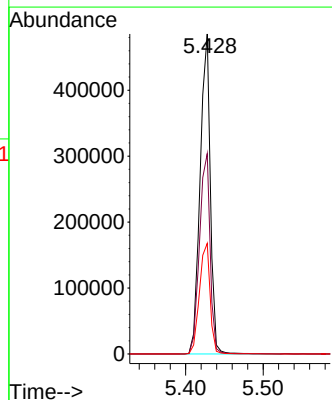
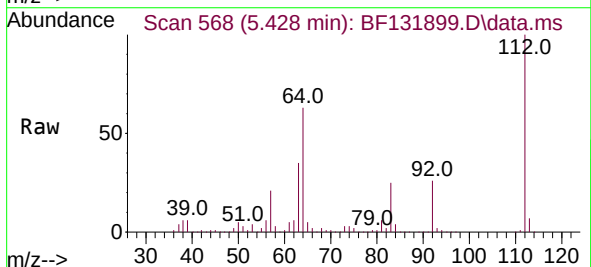
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

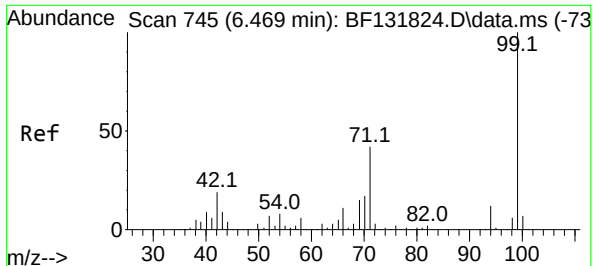
Tgt Ion:152 Resp: 72284
Ion Ratio Lower Upper
152 100
150 153.7 120.0 180.0
115 69.2 55.1 82.7



#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

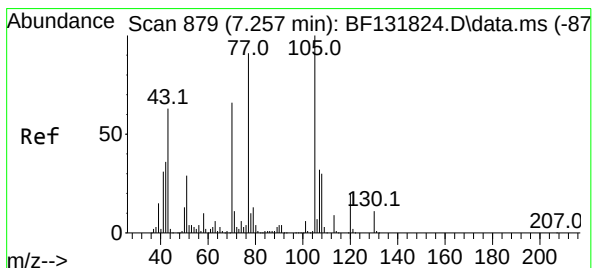
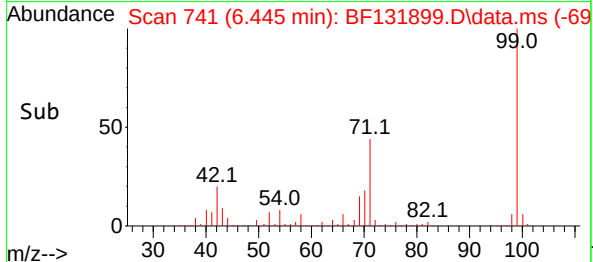
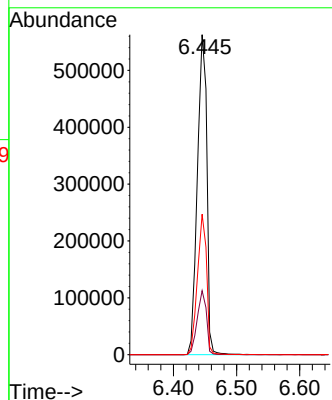
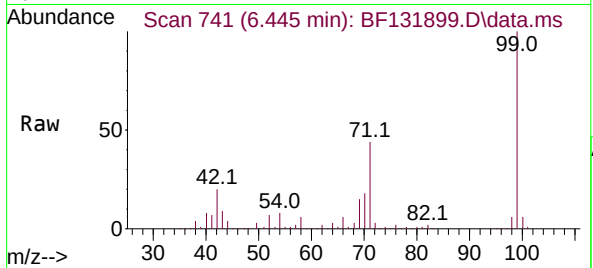




#7
Phenol-d6
Concen: 102.066 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

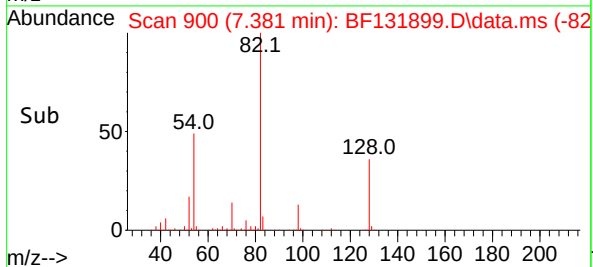
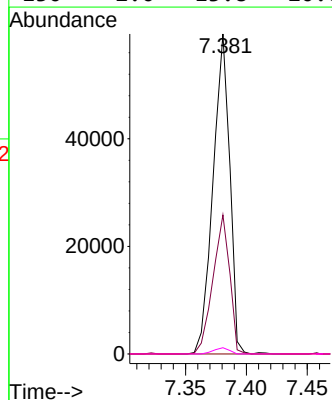
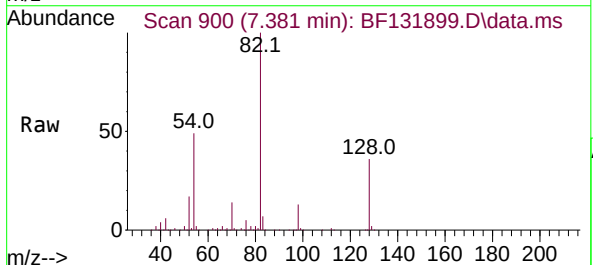
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

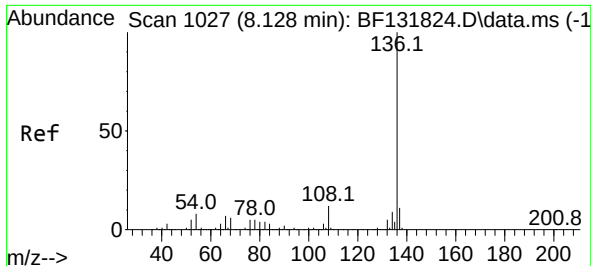
Tgt Ion: 99 Resp: 584895
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 43.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.974 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

Tgt Ion: 70 Resp: 56557
Ion Ratio Lower Upper
70 100
42 43.4 43.8 65.6#
101 0.0 7.4 11.0#
130 2.0 13.8 20.6#

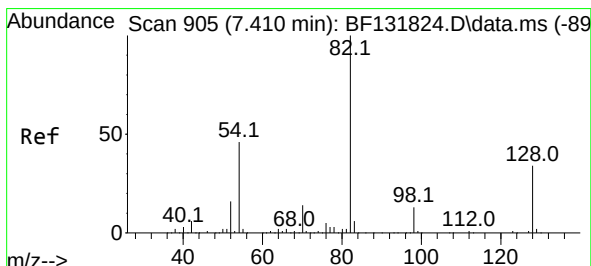
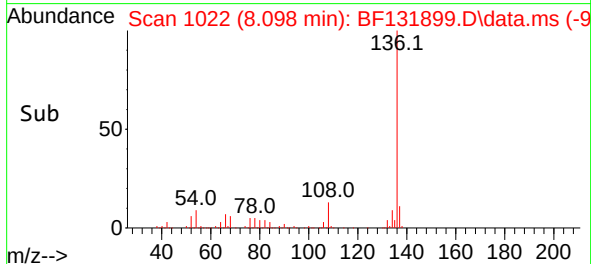
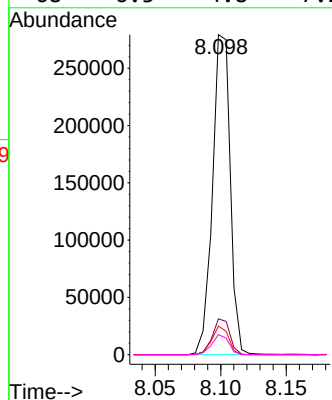
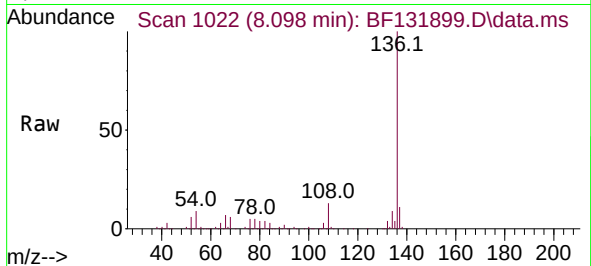




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

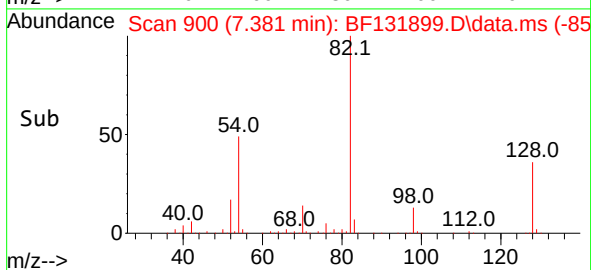
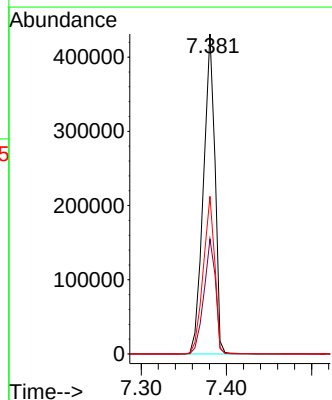
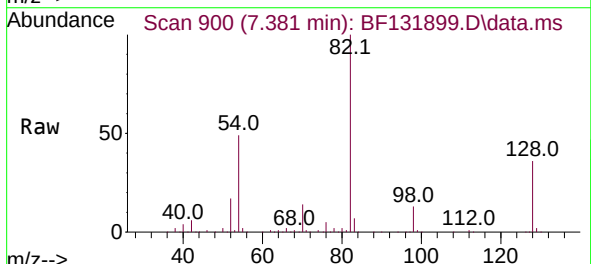
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT-STONES

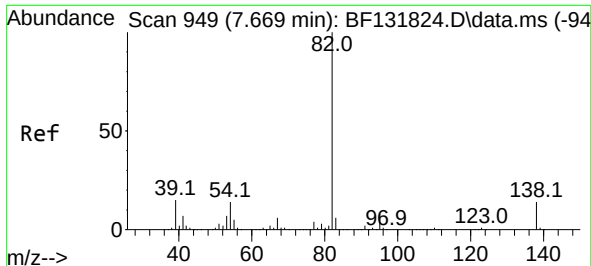
Tgt Ion:	136	Resp:	263658
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.0	6.7	10.1
68	6.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 61.437 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

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

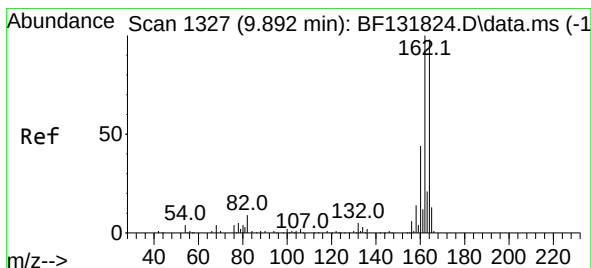
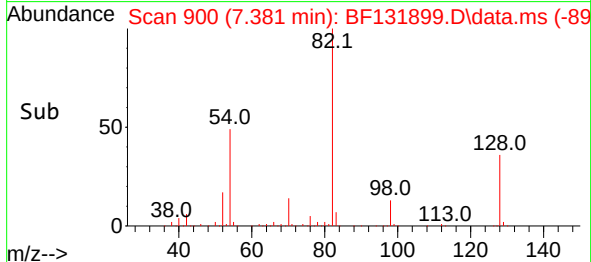
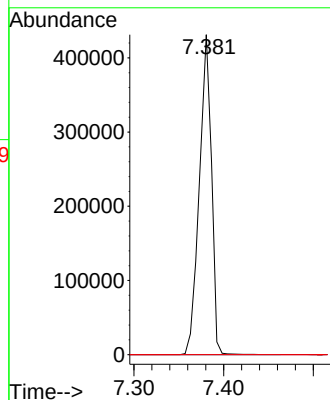
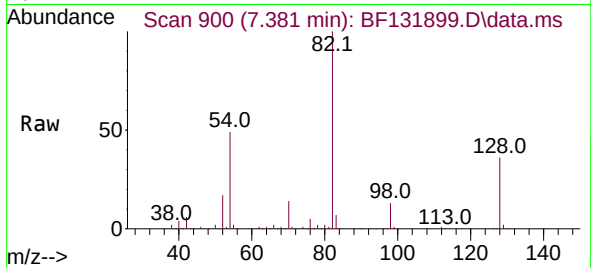




#25
Isophorone
Concen: 37.625 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

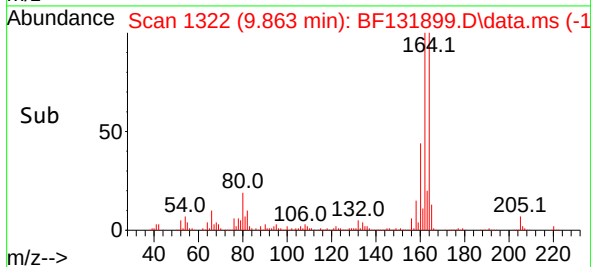
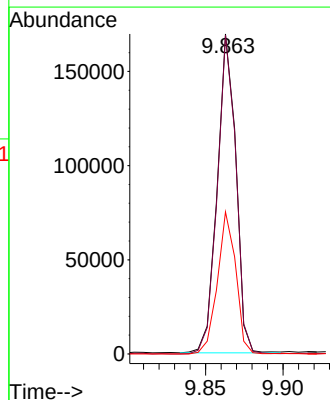
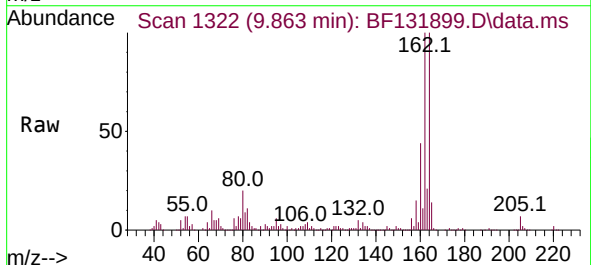
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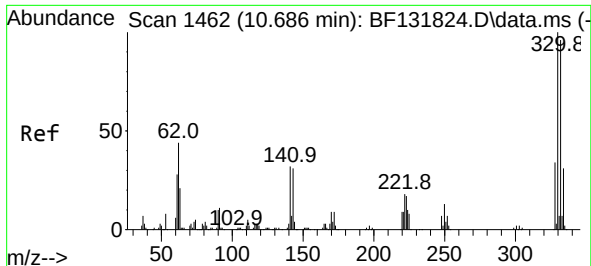
Tgt Ion: 82 Resp: 405768
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 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

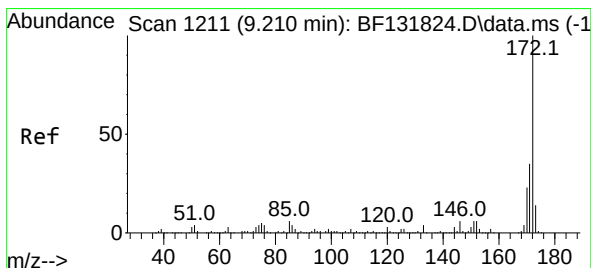
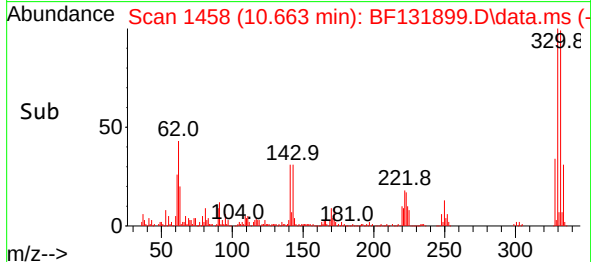
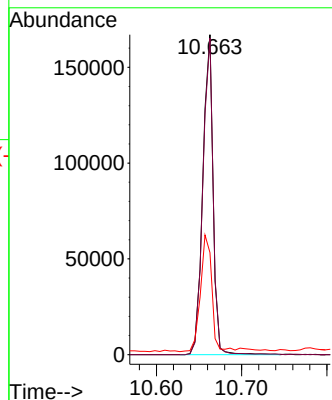
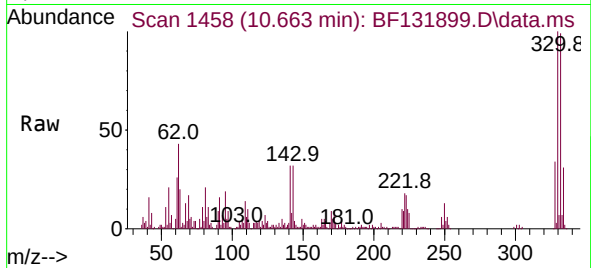




#42
2,4,6-Tribromophenol
Concen: 90.557 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

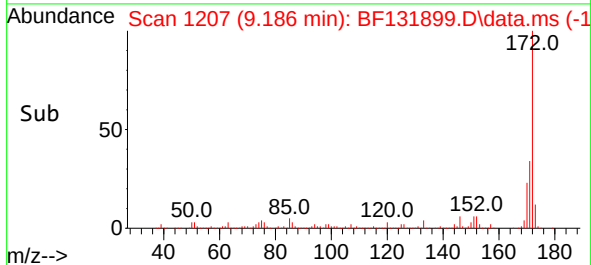
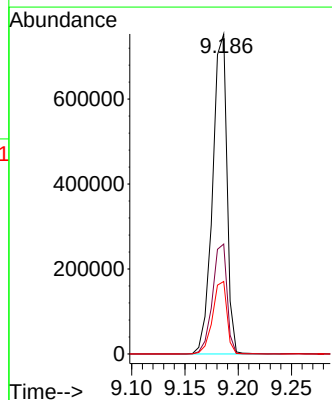
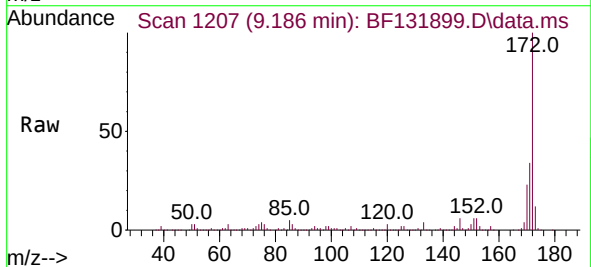
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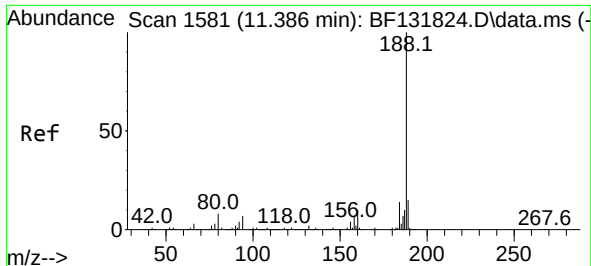
Tgt Ion:330 Resp: 139505
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.4
141 39.7 31.0 46.4



#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

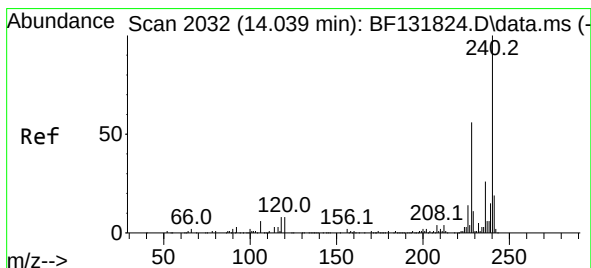
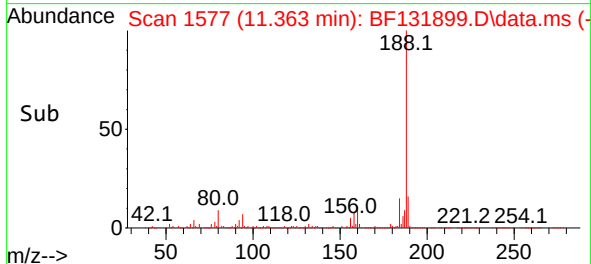
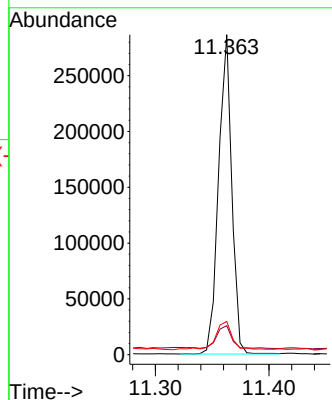
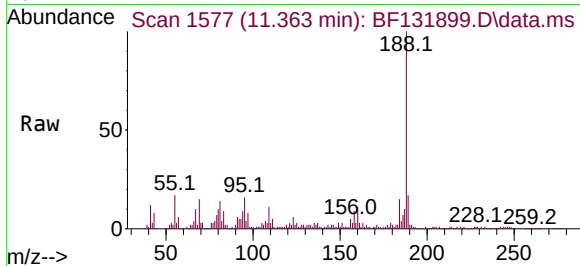




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131899.D
Acq: 04 Jan 2023 15:09

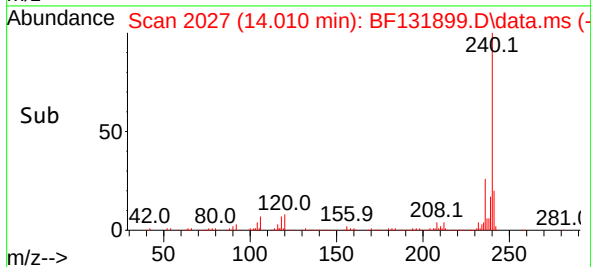
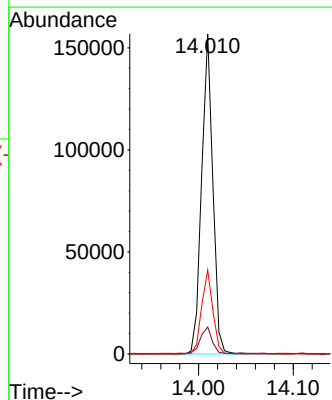
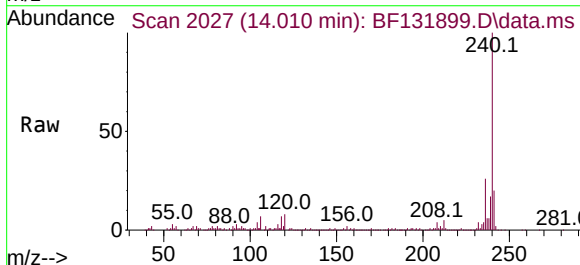
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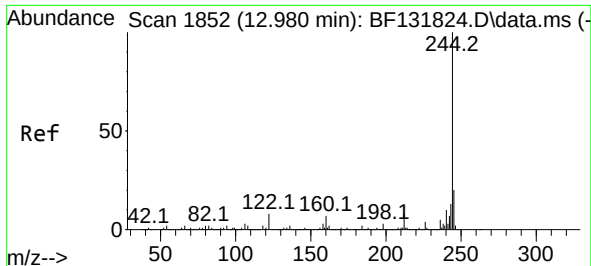
Tgt Ion:188 Resp: 231735
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 10.4 6.7 10.1#



#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

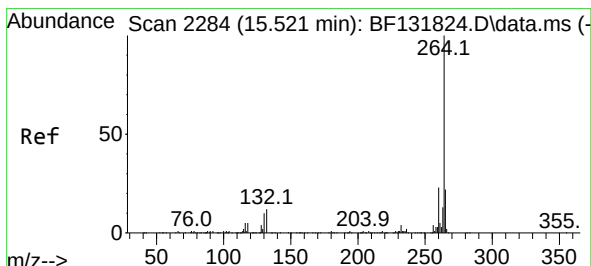
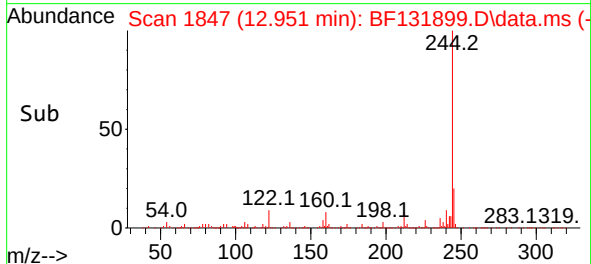
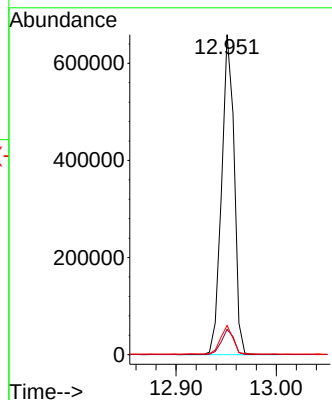
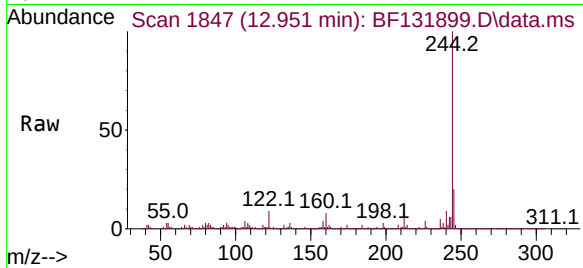




#79
 Terphenyl-d14
 Concen: 75.131 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131899.D
 Acq: 04 Jan 2023 15:09

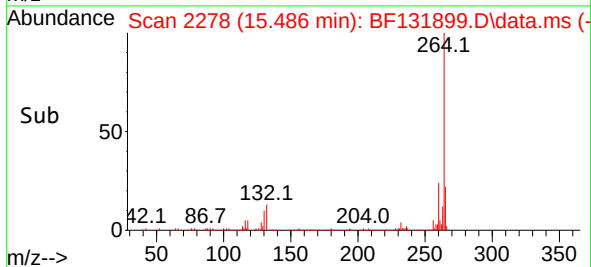
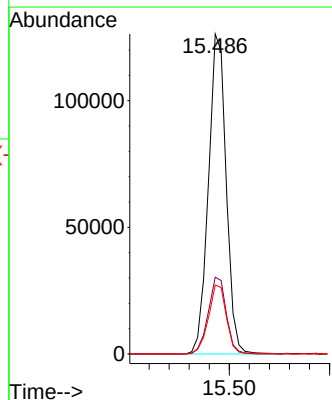
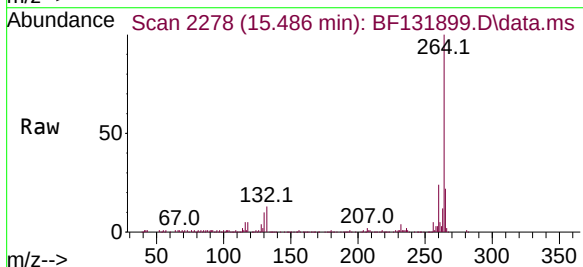
Instrument :
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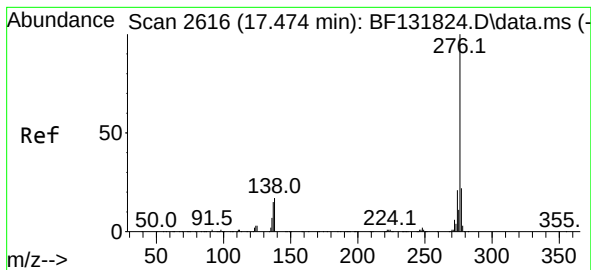
Tgt Ion:244 Resp: 571855
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.1 6.4 9.6



#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





#92

Benzo(g,h,i)perylene

Concen: 5.285 ng

RT: 17.415 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131899.D

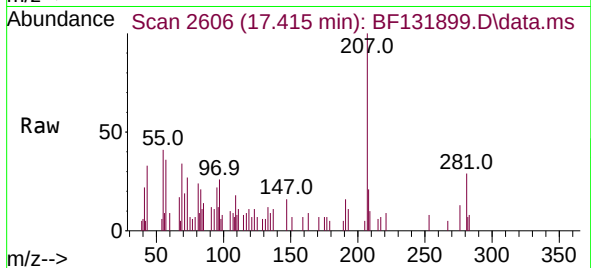
Acq: 04 Jan 2023 15:09

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT-STONES



Tgt Ion:276 Resp: 400

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

