

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134495.D
 Acq On : 26 Jul 2023 22:23
 Operator : CG\JU
 Sample : 03738-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 80002

Quant Time: Jul 27 01:57:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

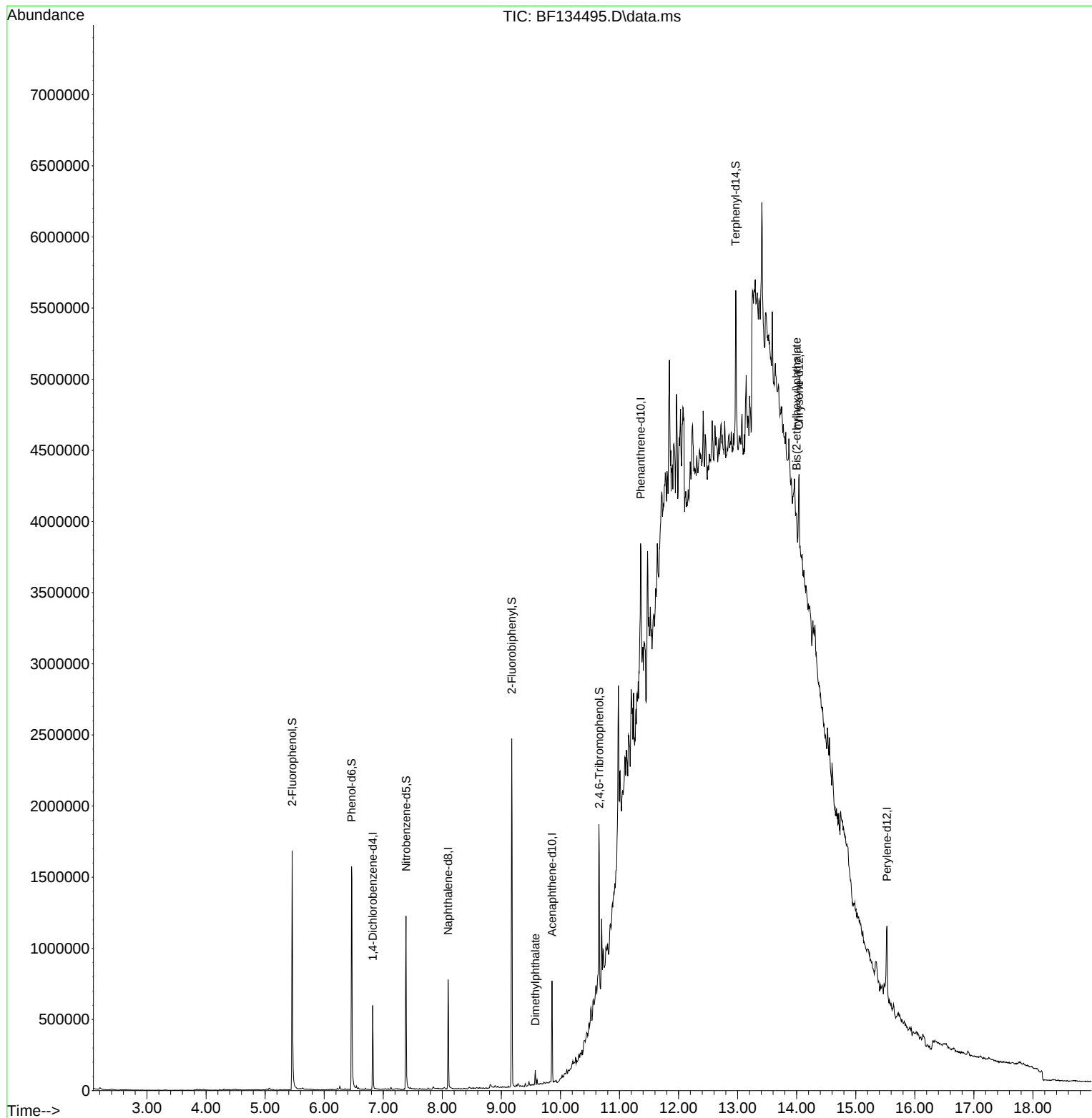
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	84084	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	319346	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	132059	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	200327	20.000	ng	#-0.01
76) Chrysene-d12	14.039	240	214567	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	243468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	435364	85.546	ng	-0.01
7) Phenol-d6	6.463	99	521443	83.627	ng	-0.02
23) Nitrobenzene-d5	7.387	82	351770	55.731	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	146580	78.121	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	702833	69.868	ng	-0.02
79) Terphenyl-d14	12.969	244	465581	37.878	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.575	163	33543	3.426	ng	Qvalue 100
84) Bis(2-ethylhexyl)phtha...	13.998	149	29423	3.544	ng	# 80

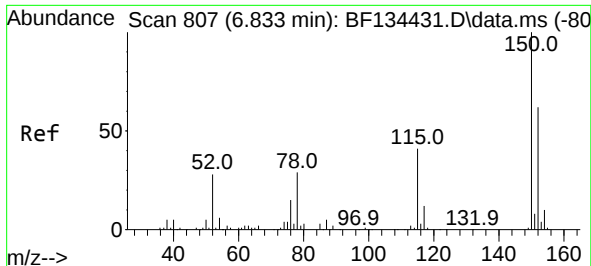
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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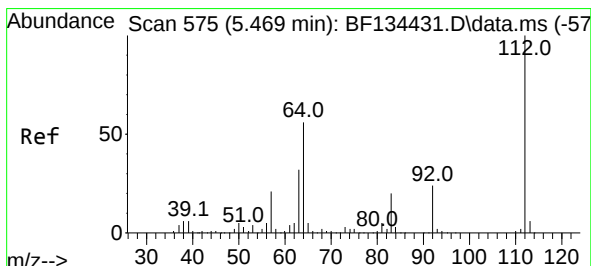
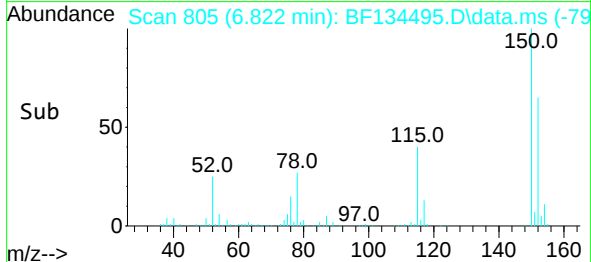
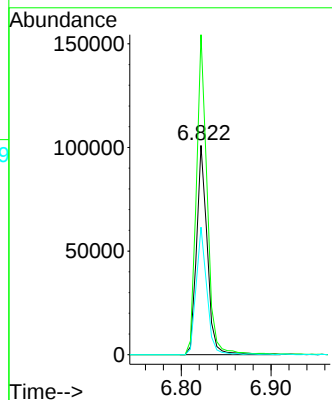
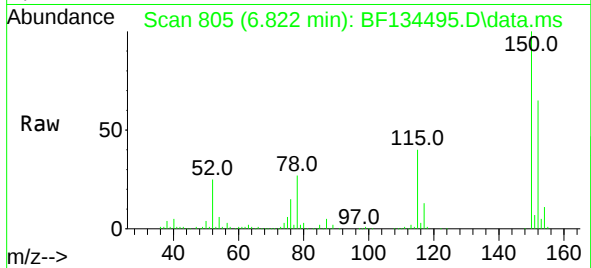




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

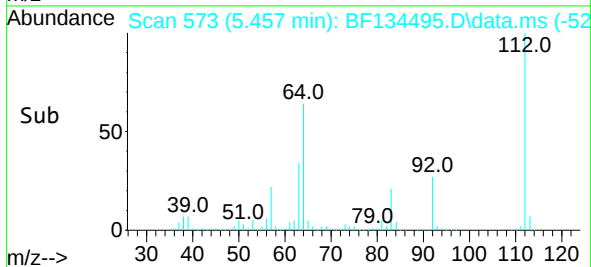
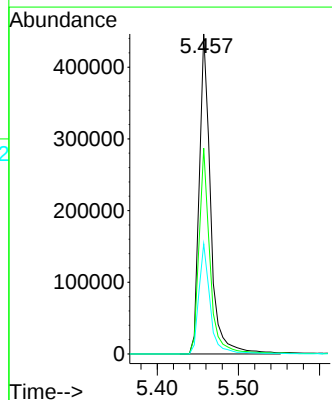
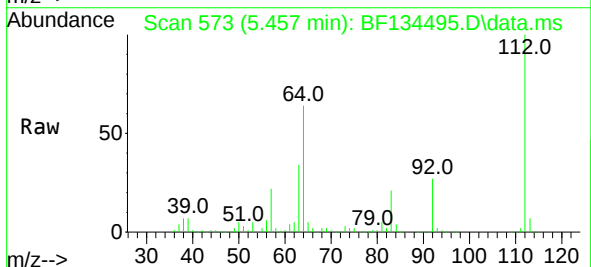
Instrument :
BNA_F
ClientSampleId :
80002

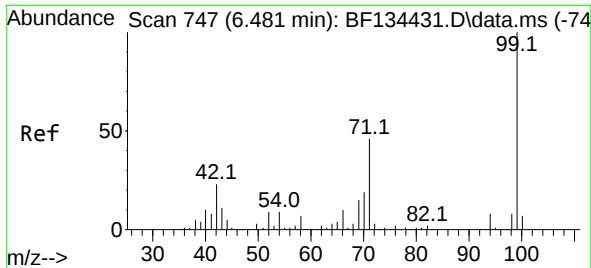
Tgt Ion:152 Resp: 84084
Ion Ratio Lower Upper
152 100
150 152.9 128.3 192.5
115 60.9 52.4 78.6



#5
2-Fluorophenol
Concen: 85.546 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.012 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

Tgt Ion:112 Resp: 435364
Ion Ratio Lower Upper
112 100
64 64.3 44.9 67.3
63 34.4 25.4 38.0

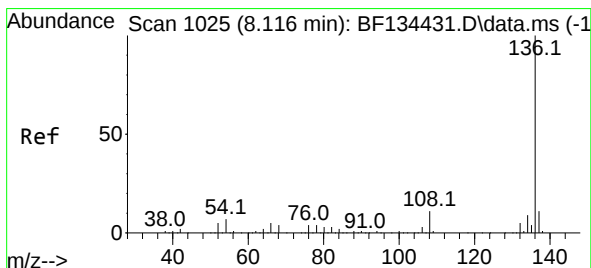
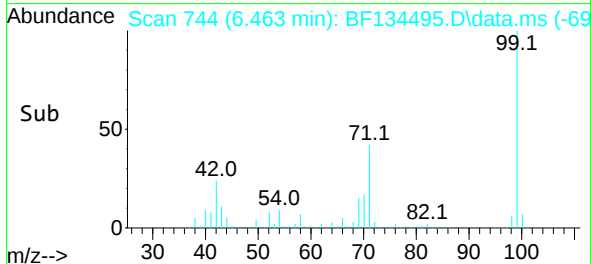
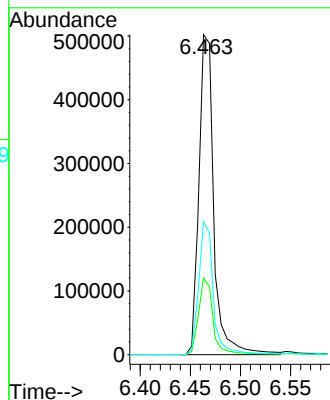
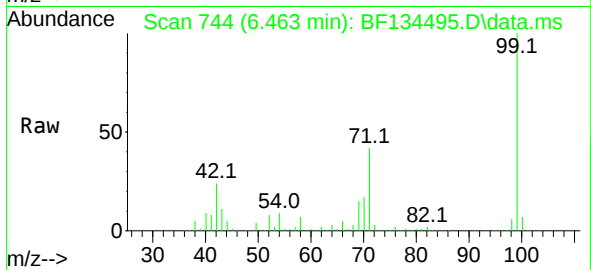




#7
Phenol-d6
Concen: 83.627 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

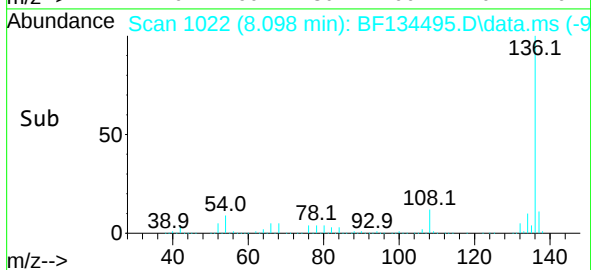
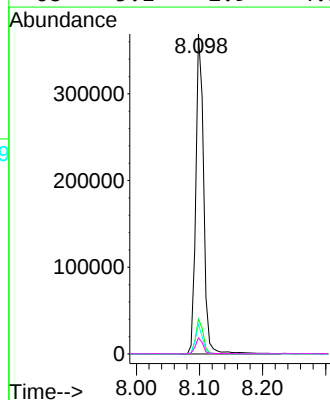
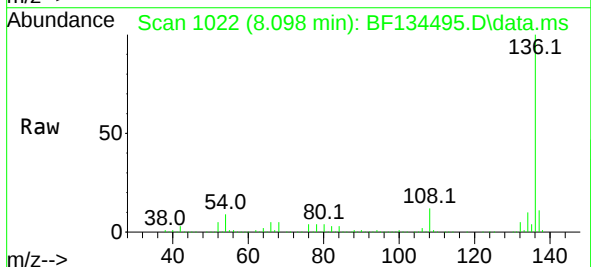
Instrument :
BNA_F
ClientSampleId :
80002

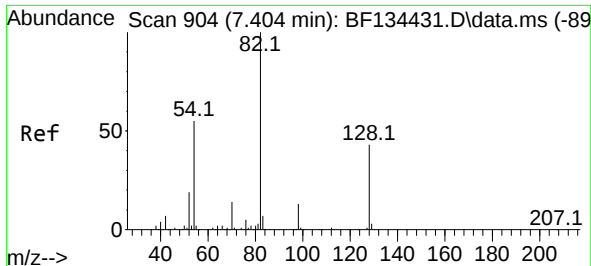
Tgt Ion: 99 Resp: 521443
Ion Ratio Lower Upper
99 100
42 24.0 18.7 28.1
71 41.6 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.017 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

Tgt Ion: 136 Resp: 319346
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.3 5.2 7.8#
68 5.1 2.9 4.3#

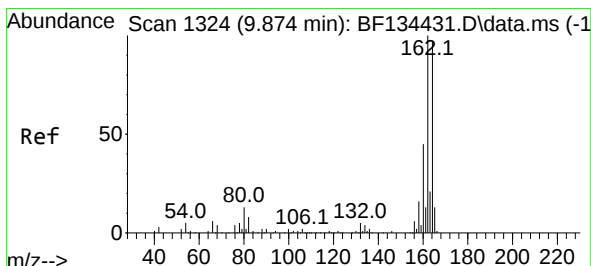
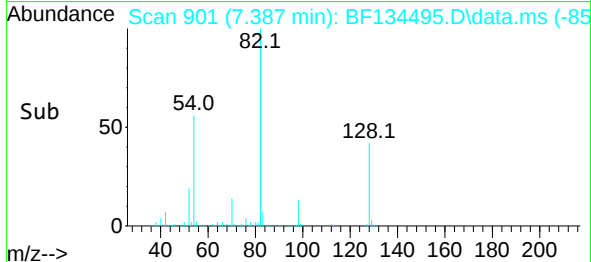
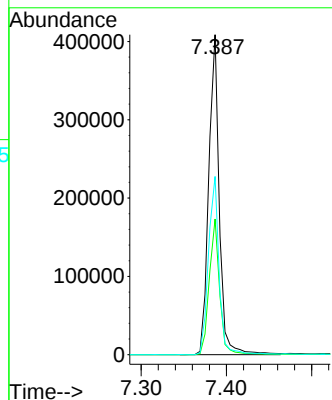
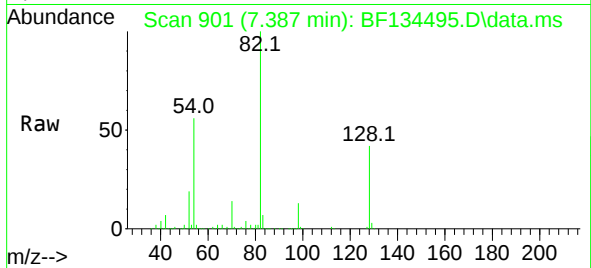




#23
Nitrobenzene-d5
Concen: 55.731 ng
RT: 7.387 min Scan# 904
Delta R.T. -0.017 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

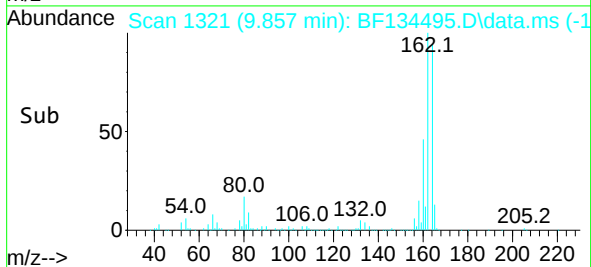
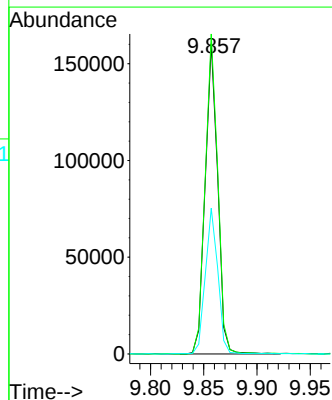
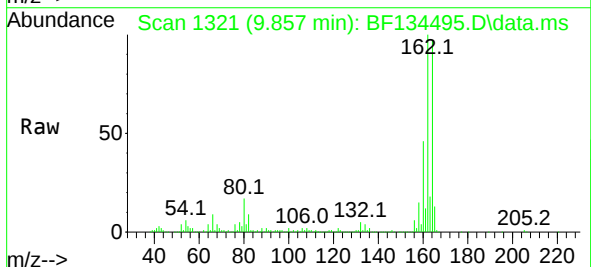
Instrument :
BNA_F
ClientSampleId :
80002

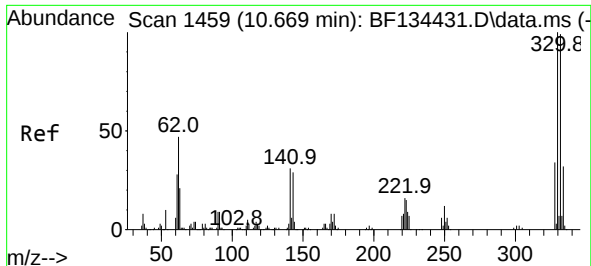
Tgt Ion: 82 Resp: 351770
Ion Ratio Lower Upper
82 100
128 42.4 34.3 51.5
54 55.7 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

Tgt Ion: 164 Resp: 132059
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 47.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 78.121 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

Instrument :

BNA_F

ClientSampleId :

80002

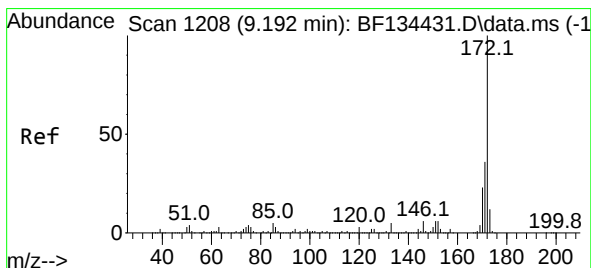
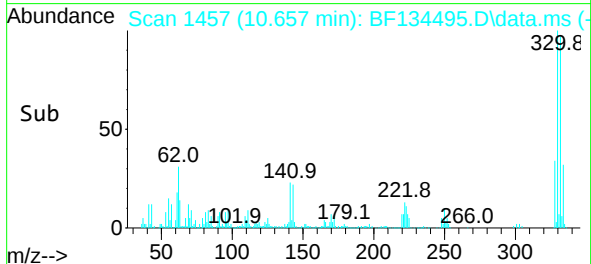
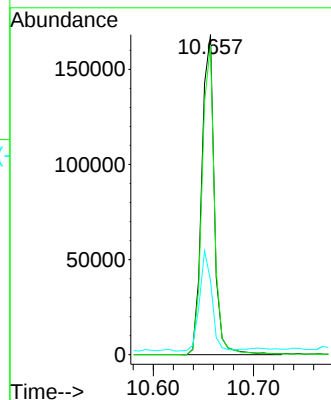
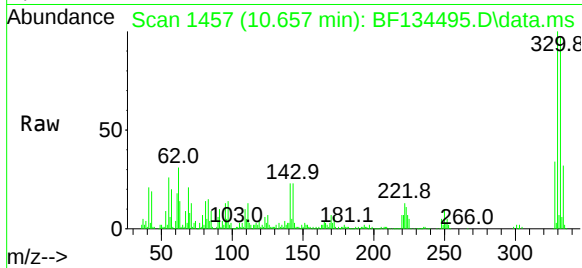
Tgt Ion:330 Resp: 146580

Ion Ratio Lower Upper

330 100

332 96.4 78.8 118.2

141 30.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 69.868 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.017 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

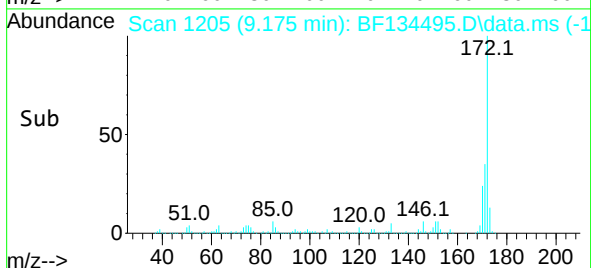
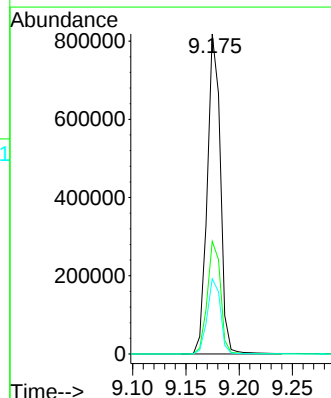
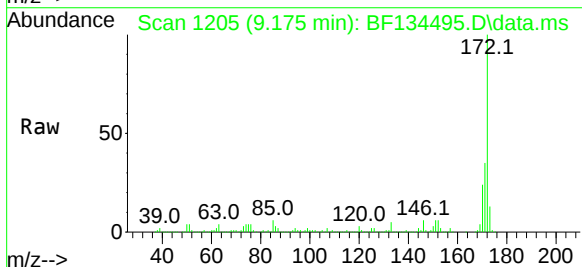
Tgt Ion:172 Resp: 702833

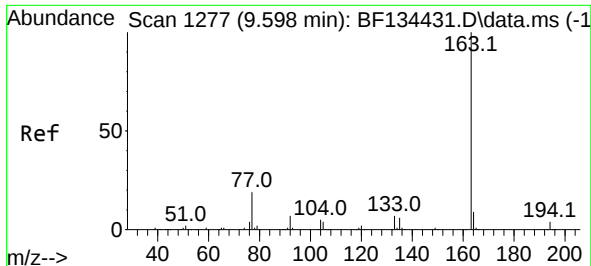
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.5 18.7 28.1

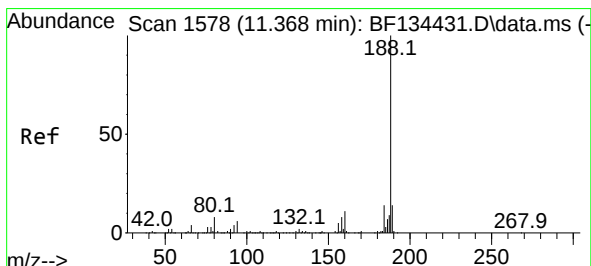
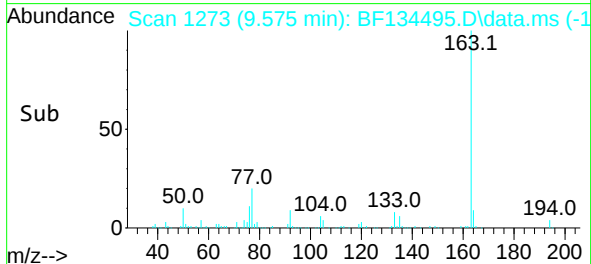
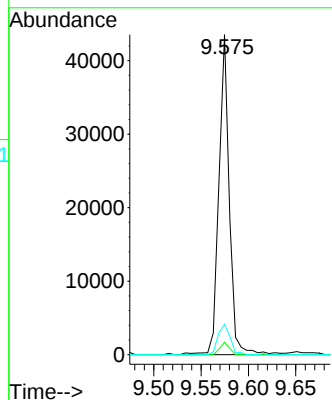
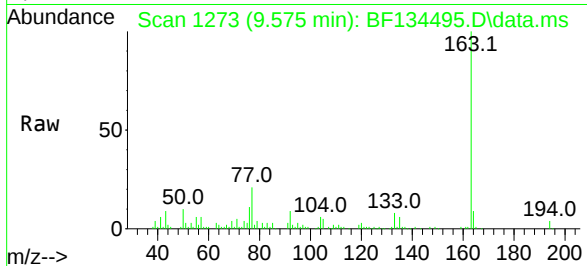




#50
Dimethylphthalate
Concen: 3.426 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

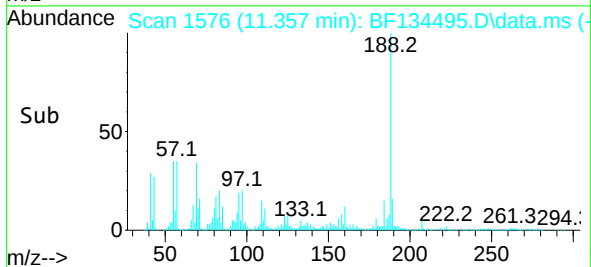
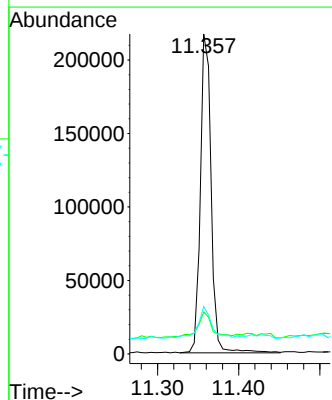
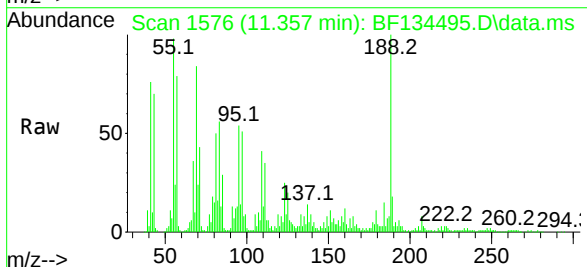
Instrument :
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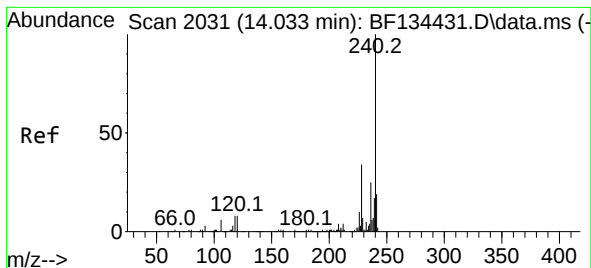
Tgt Ion:163 Resp: 33543
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.5 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF134495.D
Acq: 26 Jul 2023 22:23

Tgt Ion:188 Resp: 200327
Ion Ratio Lower Upper
188 100
94 13.1 5.1 7.7#
80 14.8 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

Instrument :

BNA_F

ClientSampleId :

80002

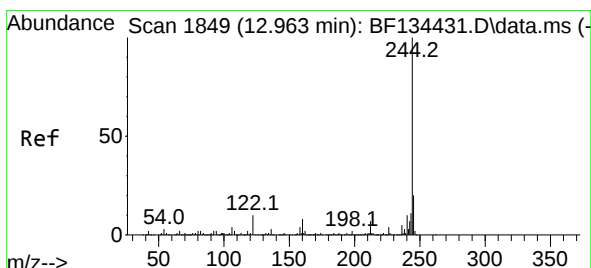
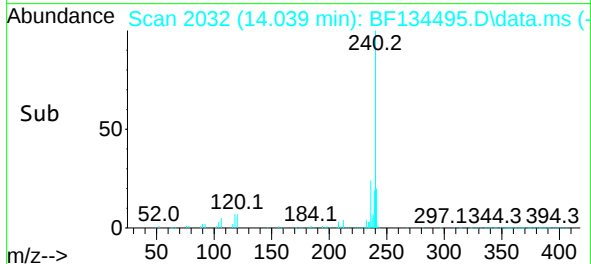
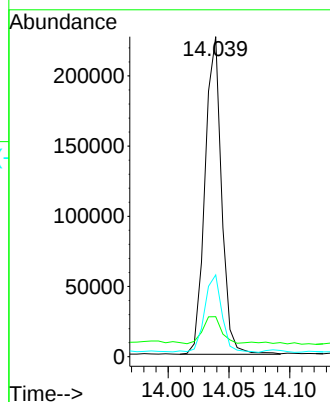
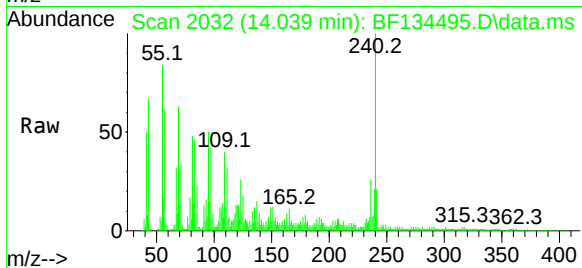
Tgt Ion:240 Resp: 214567

Ion Ratio Lower Upper

240 100

120 12.5 6.6 10.0#

236 25.6 20.2 30.2



#79

Terphenyl-d14

Concen: 37.878 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.006 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

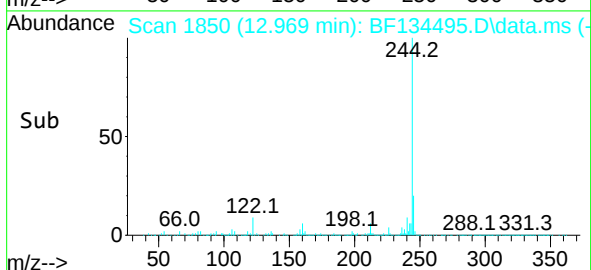
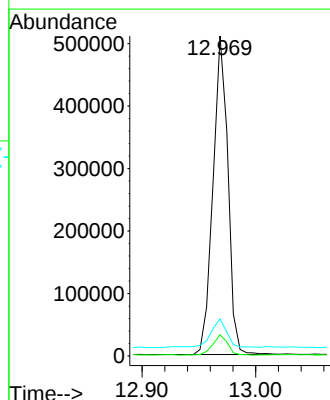
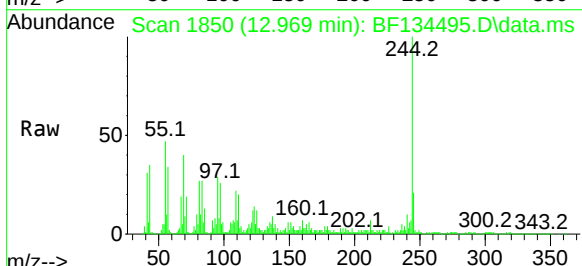
Tgt Ion:244 Resp: 465581

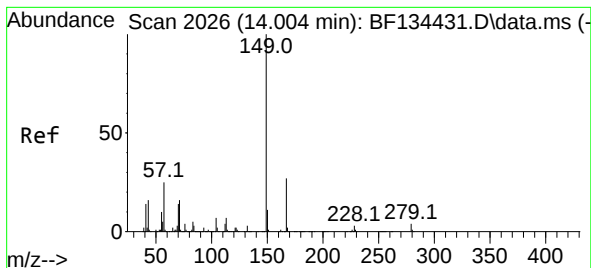
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.6 8.0 12.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.544 ng

RT: 13.998 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

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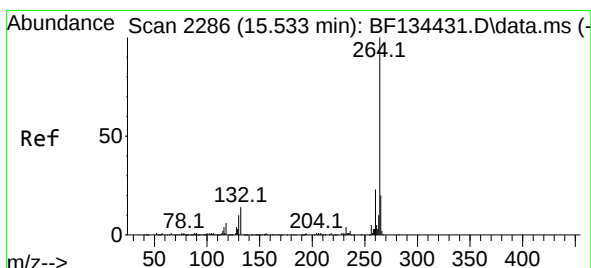
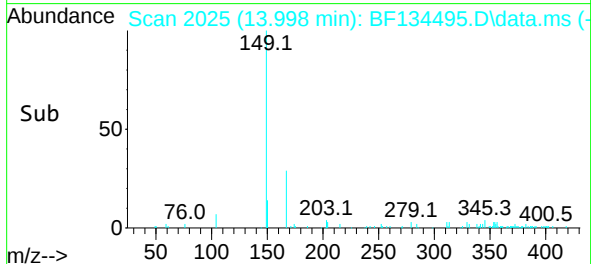
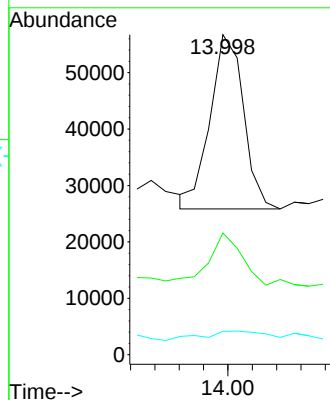
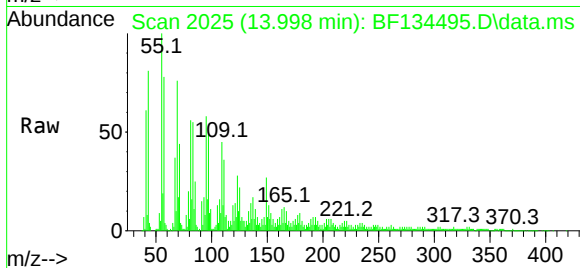
Tgt Ion:149 Resp: 29423

Ion Ratio Lower Upper

149 100

167 38.1 21.6 32.4#

279 7.3 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF134495.D

Acq: 26 Jul 2023 22:23

Tgt Ion:264 Resp: 243468

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.5 15.8 23.8

