

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134449.D
 Acq On : 25 Jul 2023 02:04
 Operator : CG\JU
 Sample : 03646-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GATE-1

Quant Time: Jul 25 02:57:43 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)

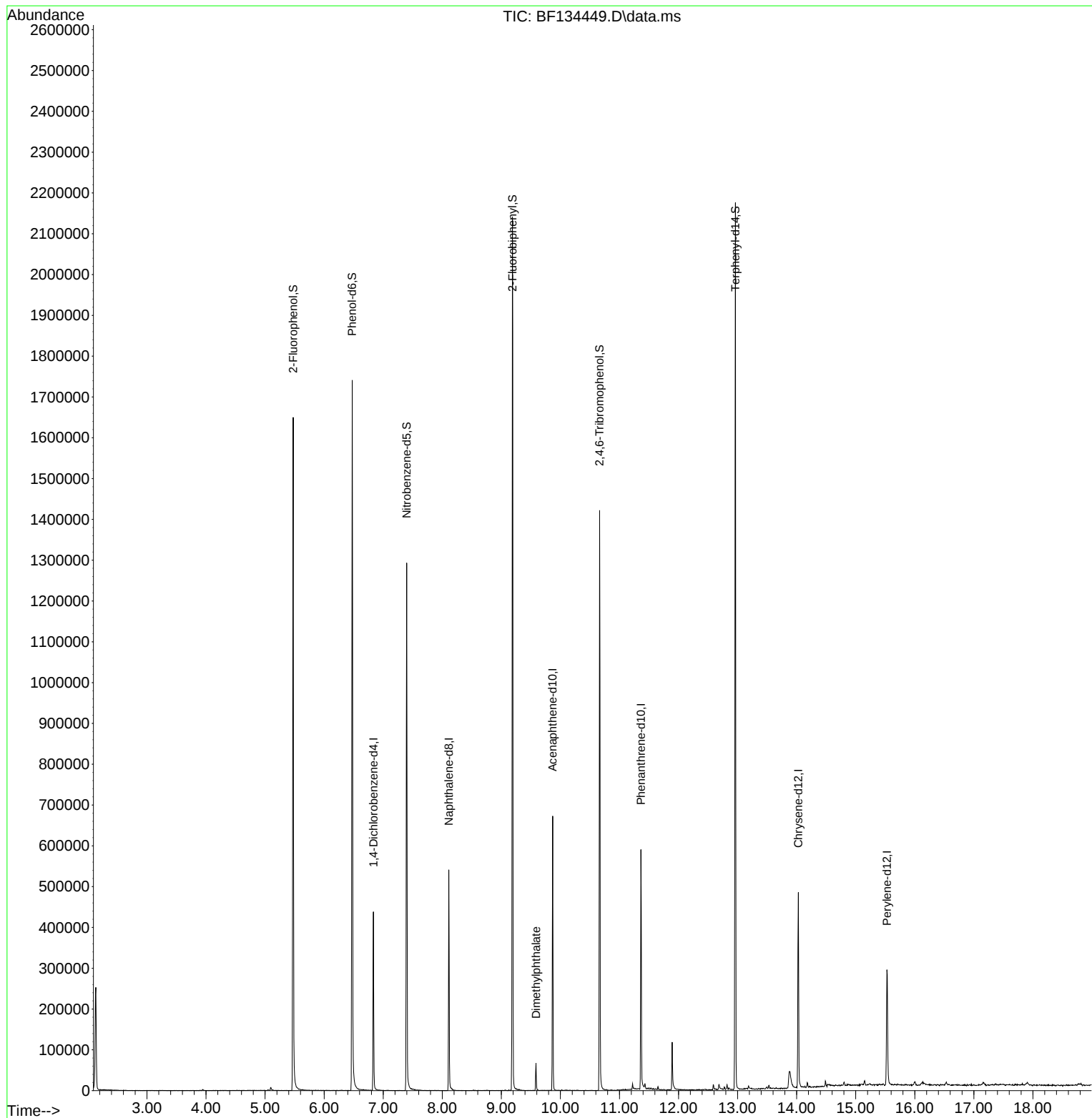
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	63477	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	217259	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	118287	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	213243	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158477	20.000	ng	0.00
86) Perylene-d12	15.527	264	144318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	401861	104.597	ng	0.00
7) Phenol-d6	6.475	99	542602	115.271	ng	0.00
23) Nitrobenzene-d5	7.398	82	370931	86.381	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	172458	102.614	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	649634	72.099	ng	0.00
79) Terphenyl-d14	12.963	244	711282	78.349	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.586	163	25155	2.869	ng	Qvalue 98

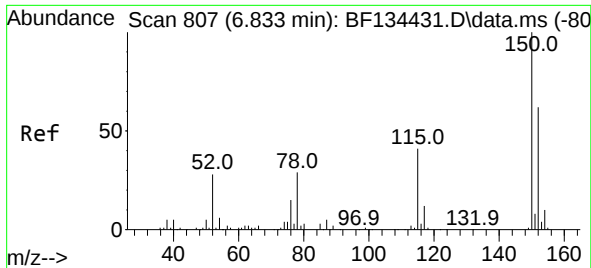
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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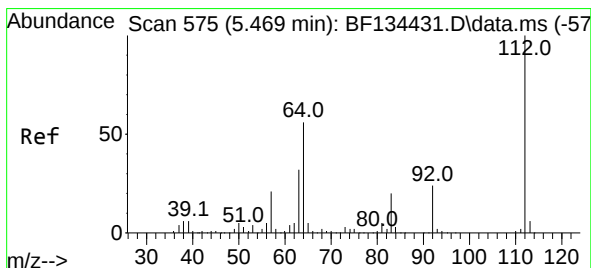
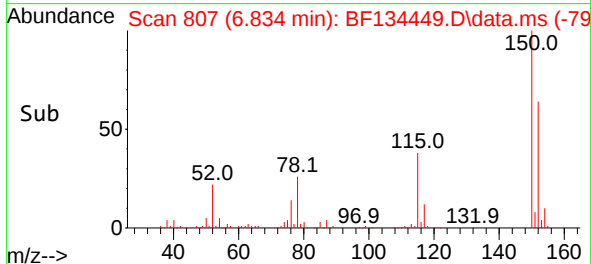
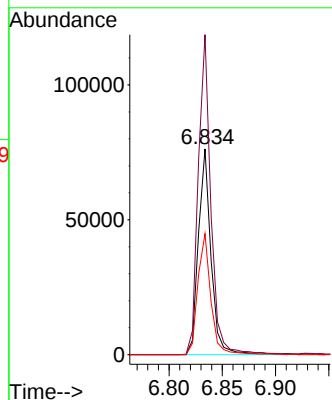
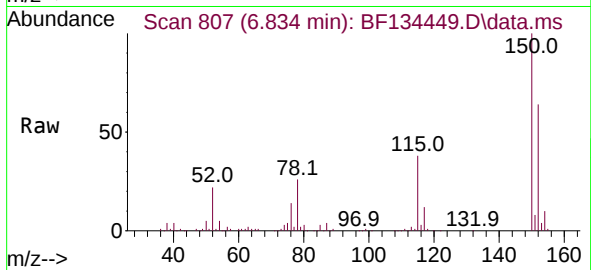




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

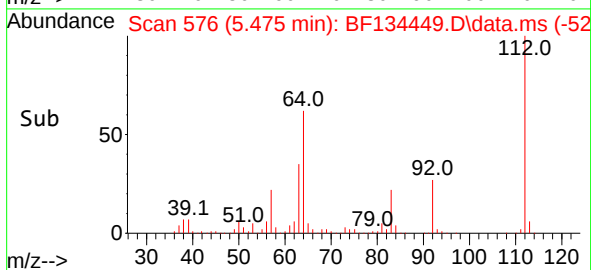
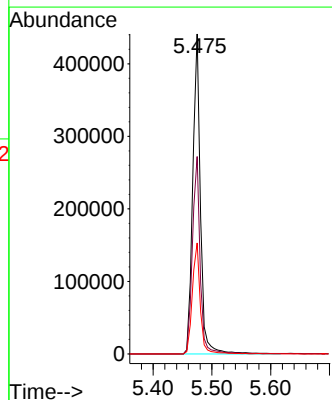
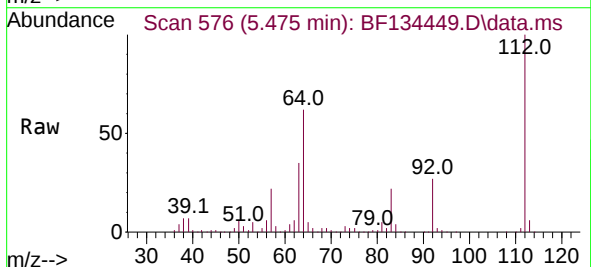
Instrument :
BNA_F
ClientSampleId :
GATE-1

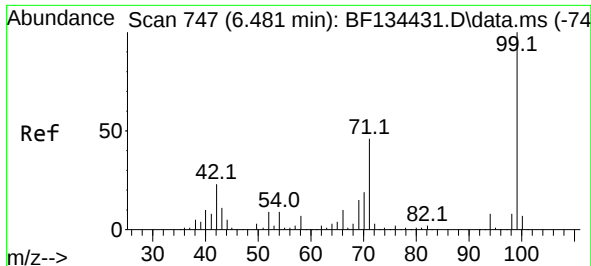
Tgt Ion:152 Resp: 63477
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 58.8 52.4 78.6



#5
2-Fluorophenol
Concen: 104.597 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

Tgt Ion:112 Resp: 401861
Ion Ratio Lower Upper
112 100
64 61.7 44.9 67.3
63 34.7 25.4 38.0

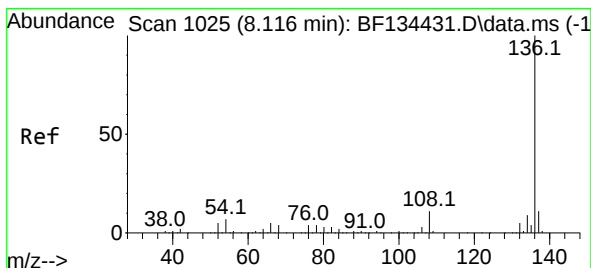
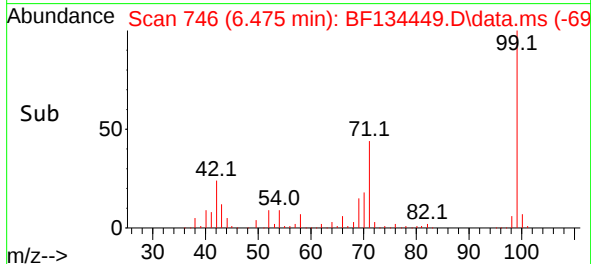
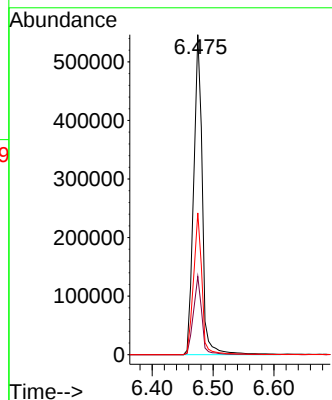
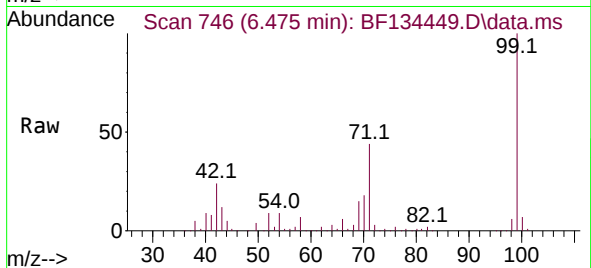




#7
Phenol-d6
Concen: 115.271 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

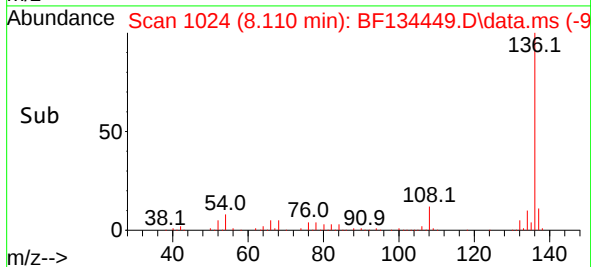
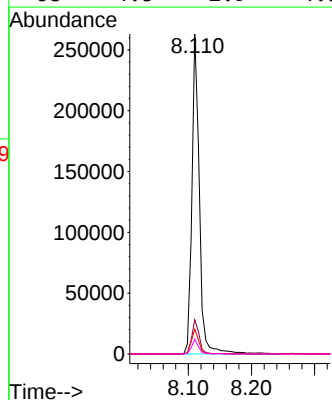
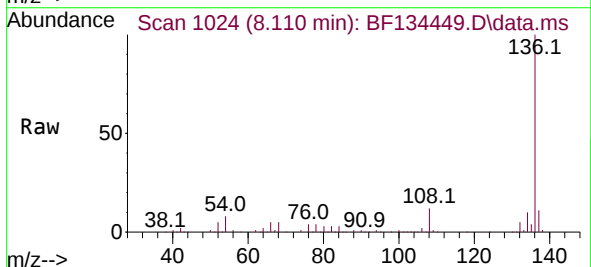
Instrument :
BNA_F
ClientSampleId :
GATE-1

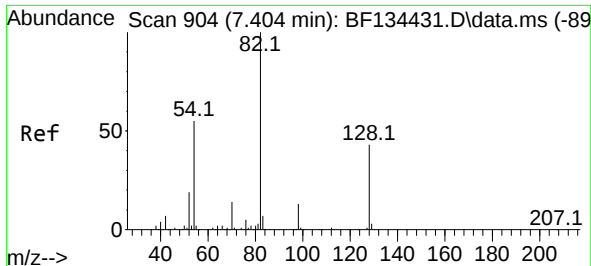
Tgt Ion: 99 Resp: 542602
Ion Ratio Lower Upper
99 100
42 24.4 18.7 28.1
71 44.3 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

Tgt Ion: 136 Resp: 217259
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 5.2 7.8
68 4.5 2.9 4.3#

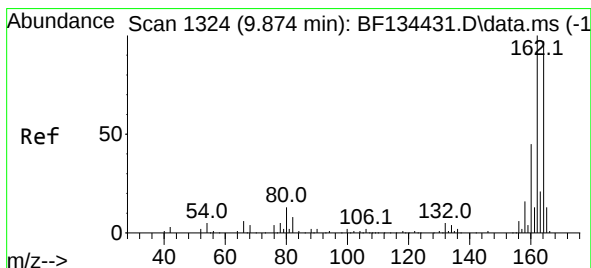
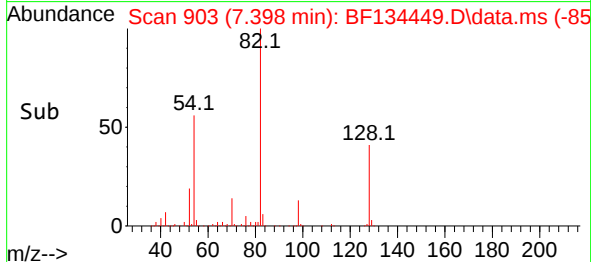
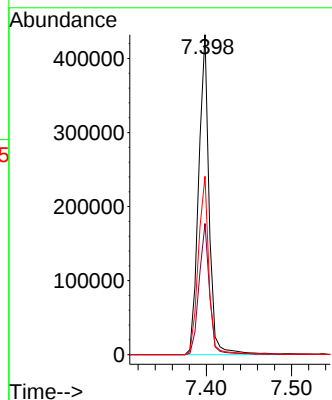
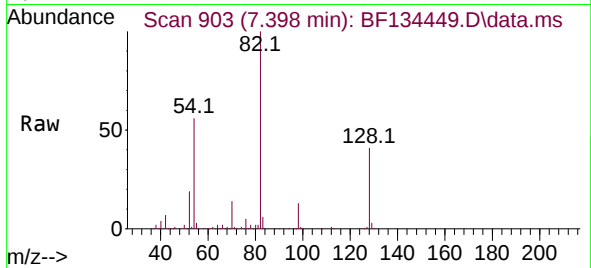




#23
Nitrobenzene-d5
Concen: 86.381 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

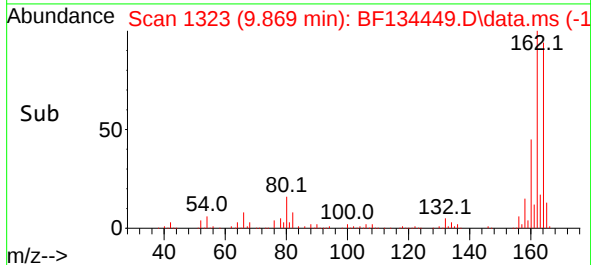
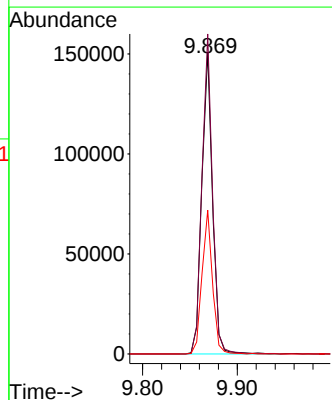
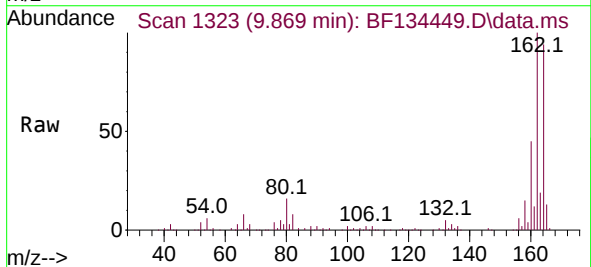
Instrument :
BNA_F
ClientSampleId :
GATE-1

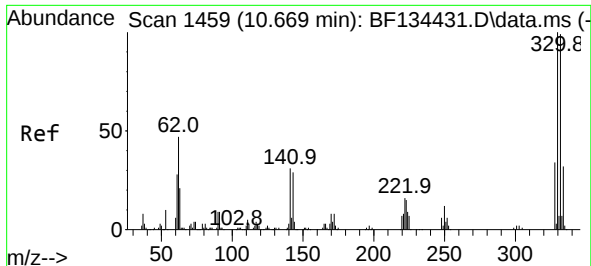
Tgt Ion: 82 Resp: 370931
Ion Ratio Lower Upper
82 100
128 41.0 34.3 51.5
54 55.8 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

Tgt Ion: 164 Resp: 118287
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 47.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 102.614 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134449.D

Acq: 25 Jul 2023 02:04

Instrument :

BNA_F

ClientSampleId :

GATE-1

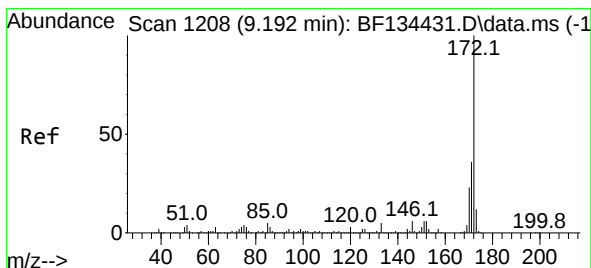
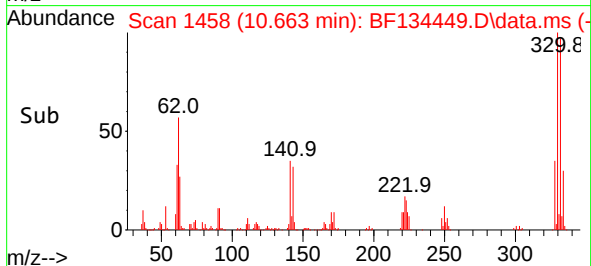
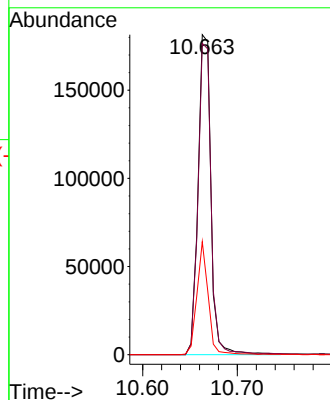
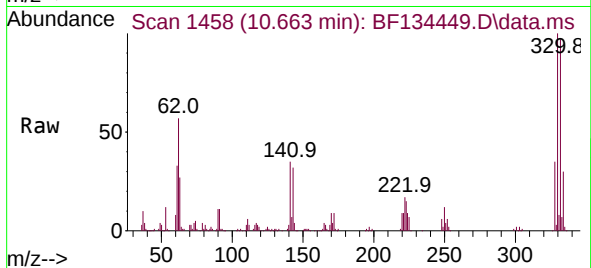
Tgt Ion:330 Resp: 172458

Ion Ratio Lower Upper

330 100

332 97.4 78.8 118.2

141 31.0 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 72.099 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134449.D

Acq: 25 Jul 2023 02:04

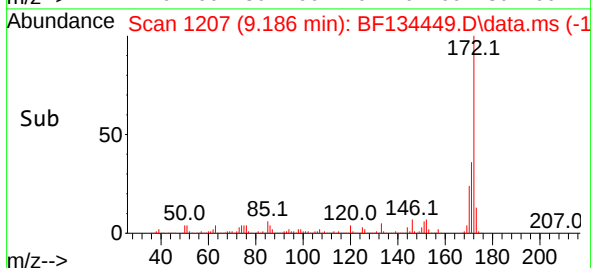
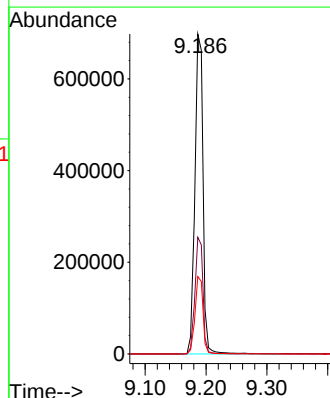
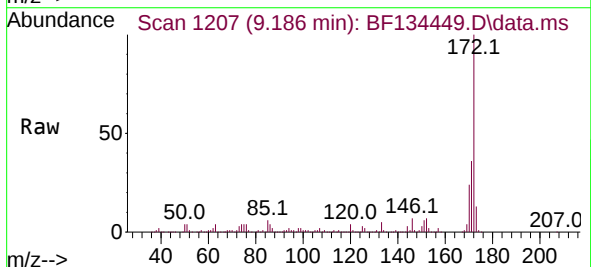
Tgt Ion:172 Resp: 649634

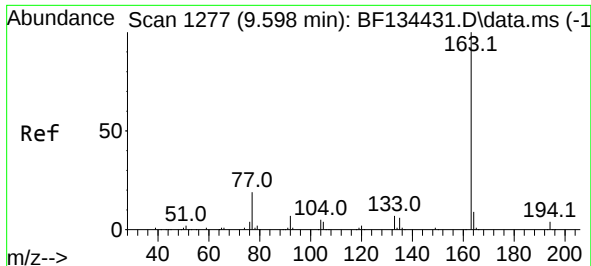
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.2 18.7 28.1

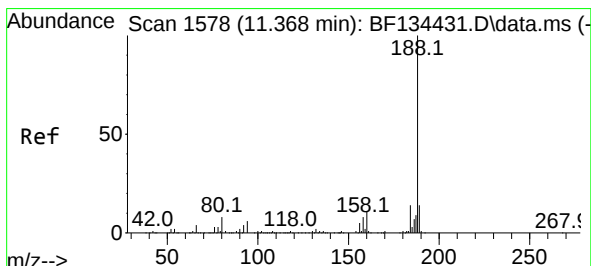
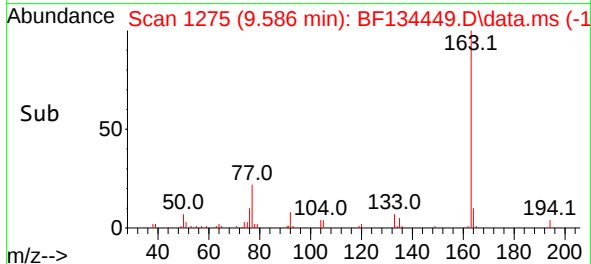
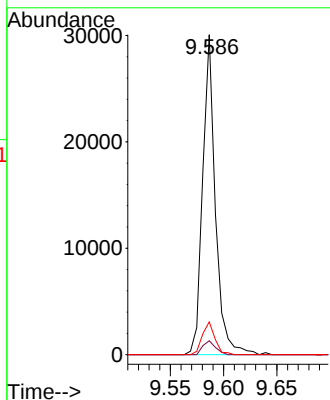
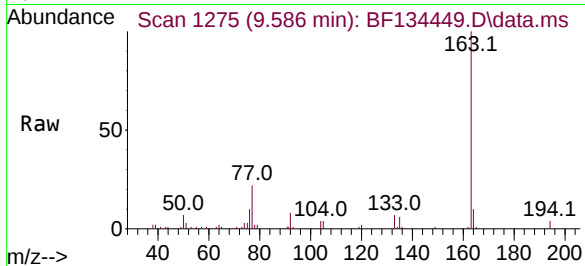




#50
Dimethylphthalate
Concen: 2.869 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

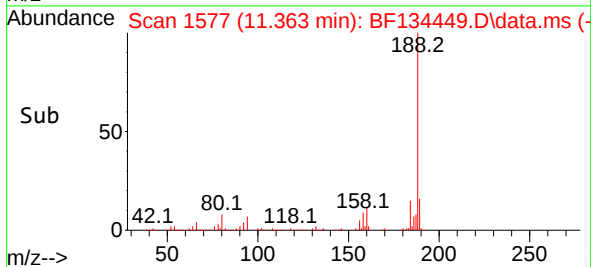
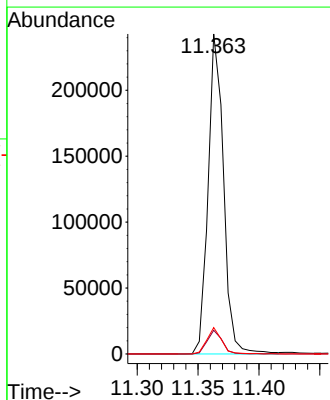
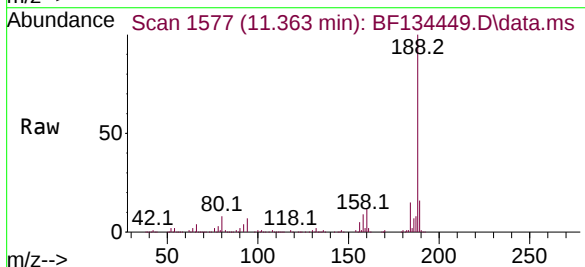
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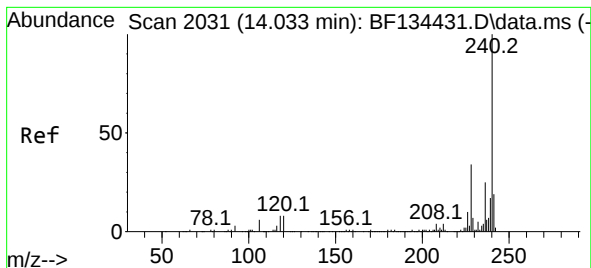
Tgt Ion:163 Resp: 25155
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.2 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

Tgt Ion:188 Resp: 213243
Ion Ratio Lower Upper
188 100
94 7.4 5.1 7.7
80 8.3 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134449.D

Acq: 25 Jul 2023 02:04

Instrument :

BNA_F

ClientSampleId :

GATE-1

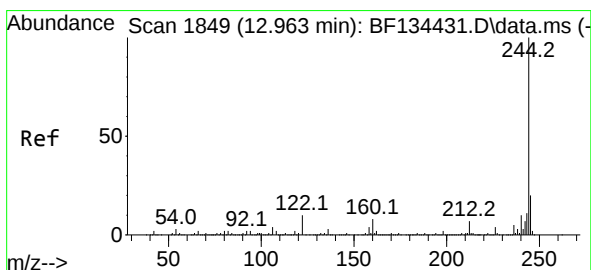
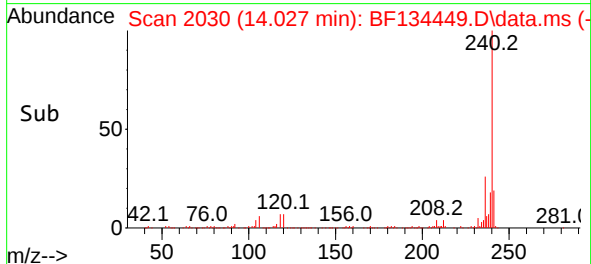
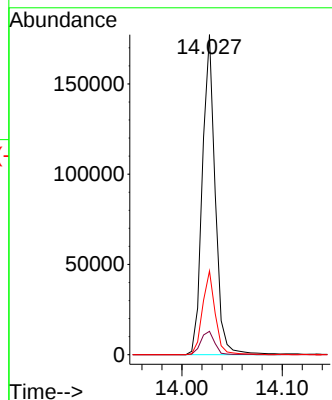
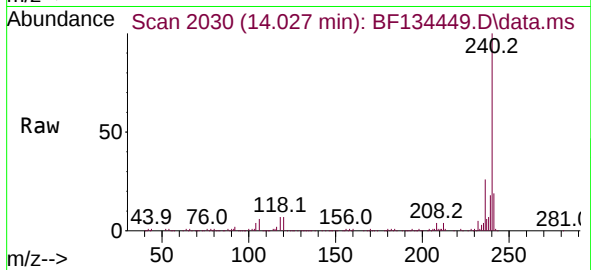
Tgt Ion:240 Resp: 158477

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

236 26.2 20.2 30.2



#79

Terphenyl-d14

Concen: 78.349 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF134449.D

Acq: 25 Jul 2023 02:04

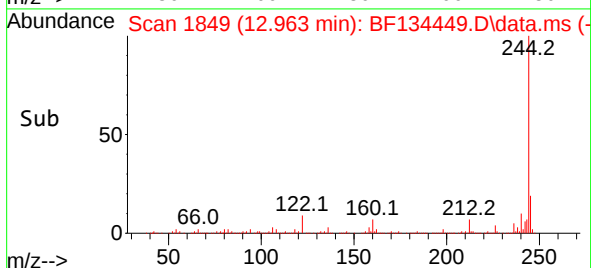
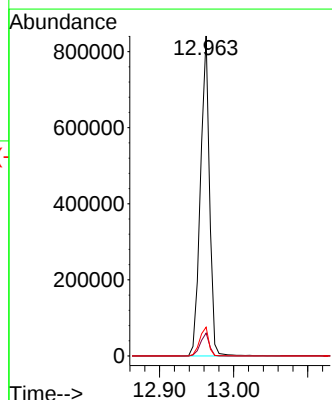
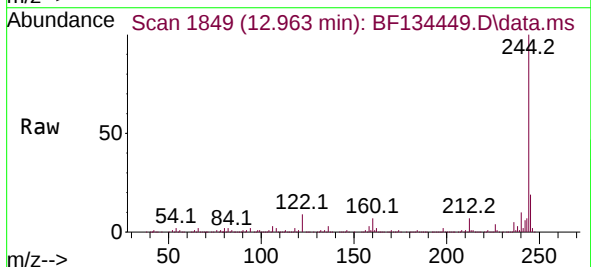
Tgt Ion:244 Resp: 711282

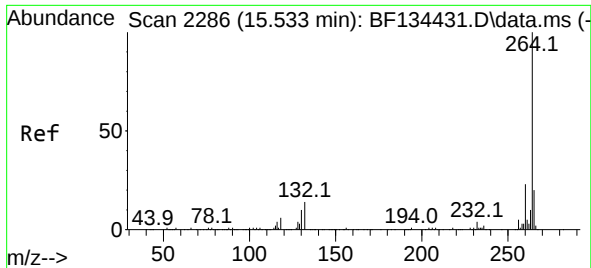
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
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Tgt Ion:264 Resp: 144318

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.4	27.6
265	23.5	15.8	23.8

