

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)

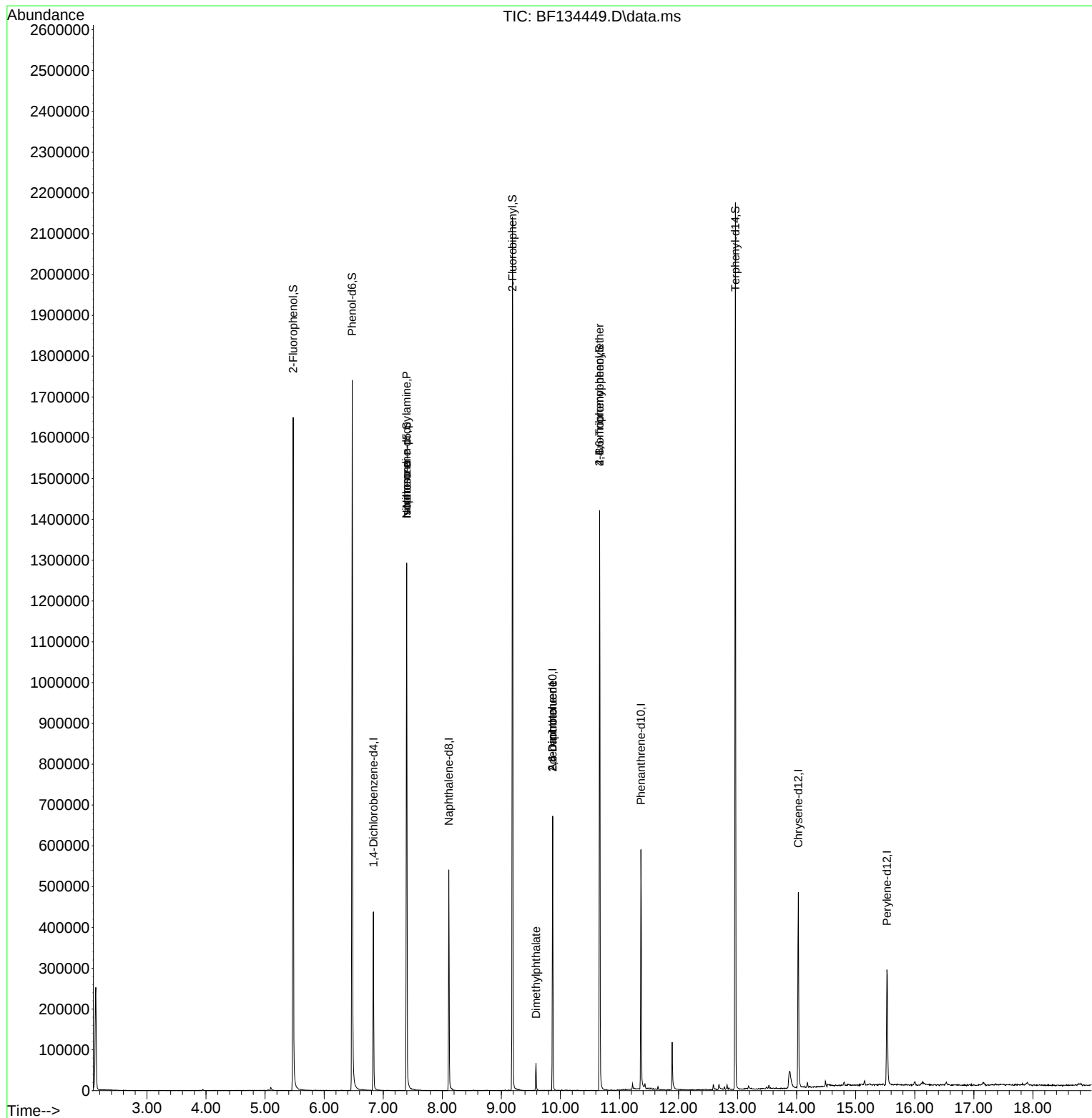
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	63477	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	217259	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	118287	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	213243	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158477	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	52273	17.838	ng	# 74
25) Isophorone	7.398	82	370931	51.830	ng	# 65
50) Dimethylphthalate	9.586	163	25155	2.869	ng	98
51) 2,6-Dinitrotoluene	9.869	165	16226	8.433	ng	# 18
57) 2,4-Dinitrotoluene	9.869	165	16226	6.279	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	10050	4.301	ng	# 1

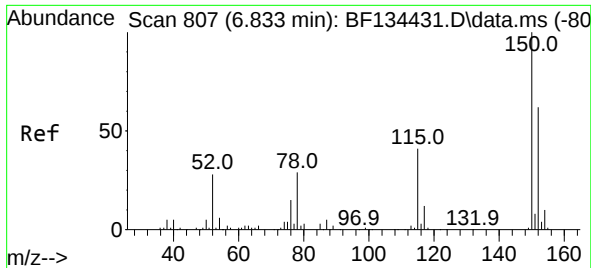
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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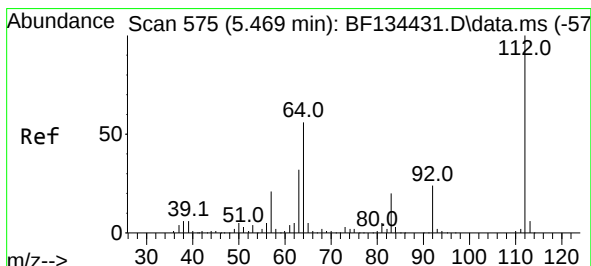
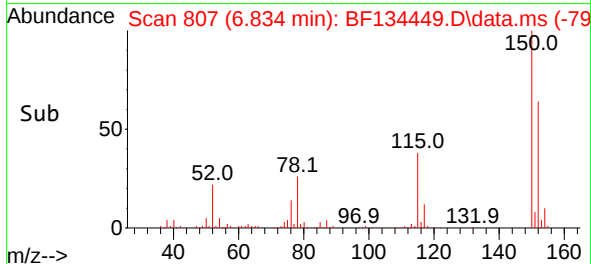
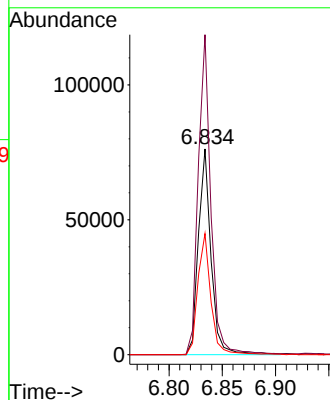
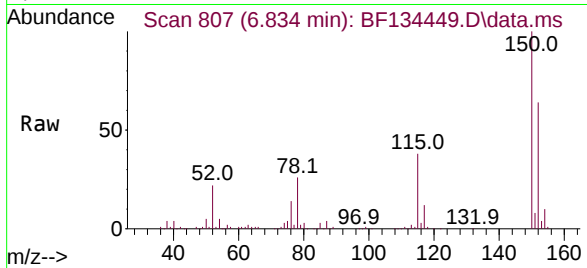




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

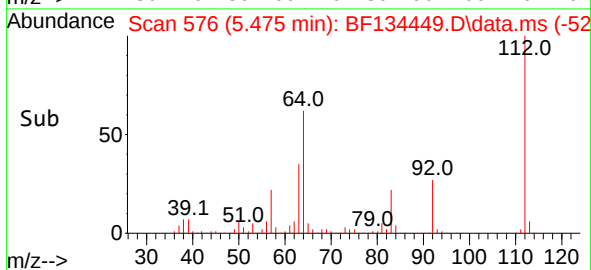
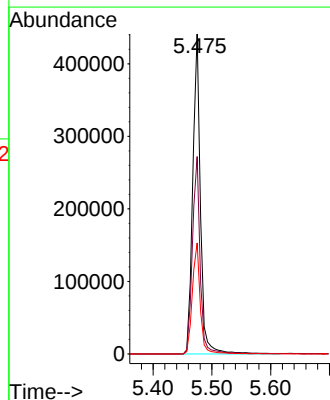
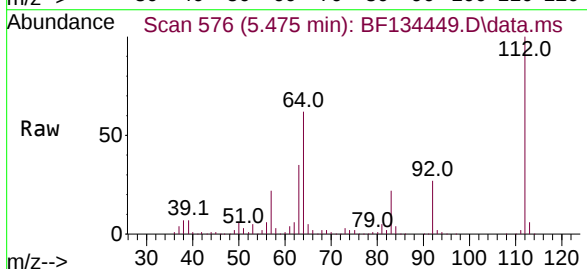
Instrument :
BNA_F
ClientSampleId :
GATE-1

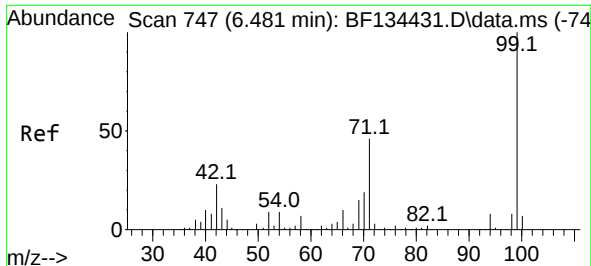
Tgt Ion:152 Resp: 63477
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 58.8 52.4 78.6



#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

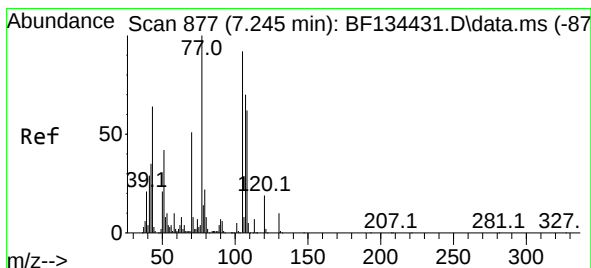
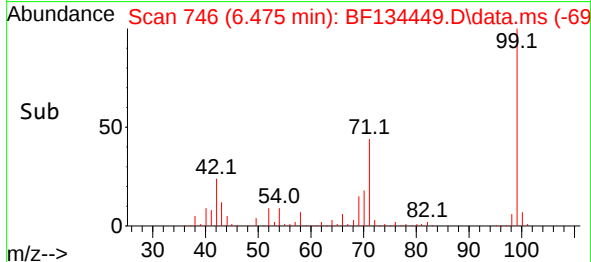
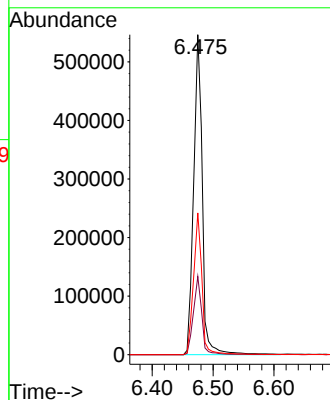
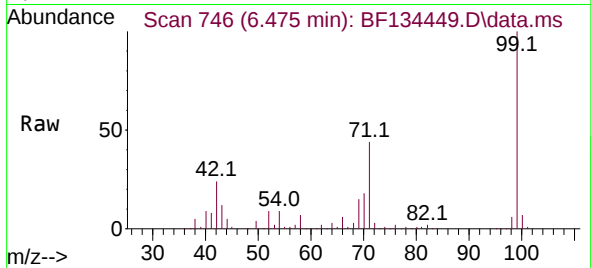




#7
Phenol-d6
Concen: 115.271 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

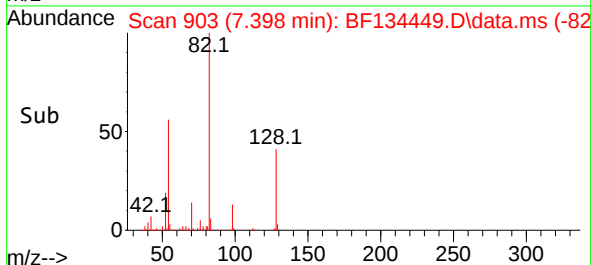
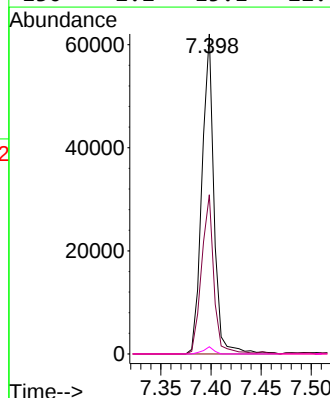
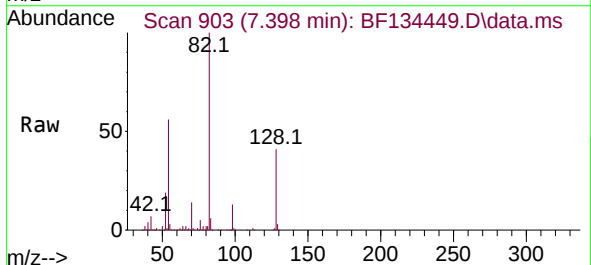
Instrument :
BNA_F
ClientSampleId :
GATE-1

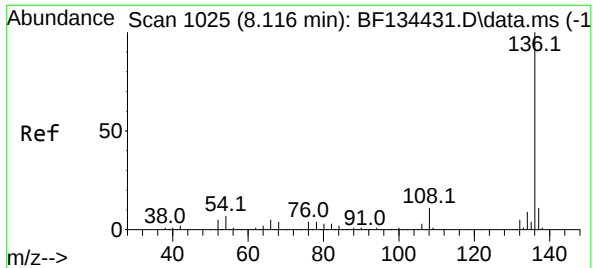
Tgt Ion: 99 Resp: 542602
Ion Ratio Lower Upper
99 100
42 24.4 18.7 28.1
71 44.3 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.838 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

Tgt Ion: 70 Resp: 52273
Ion Ratio Lower Upper
70 100
42 49.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

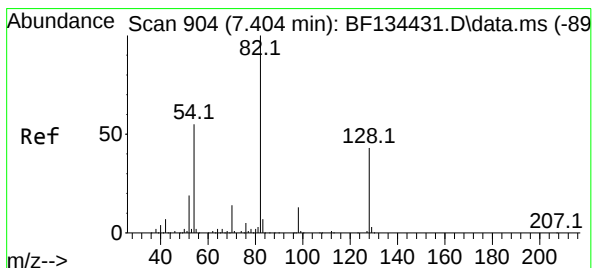
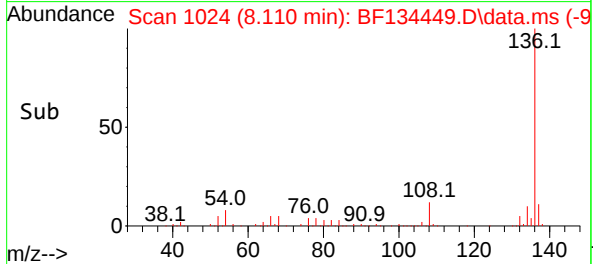
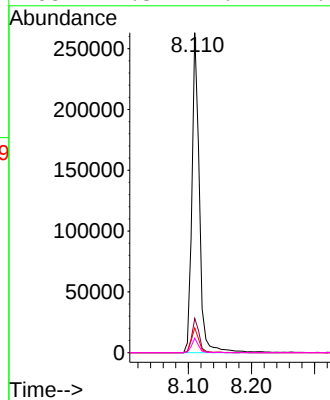
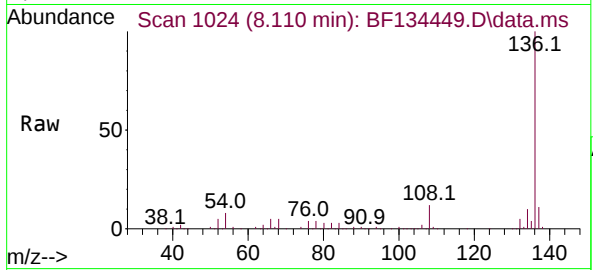




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

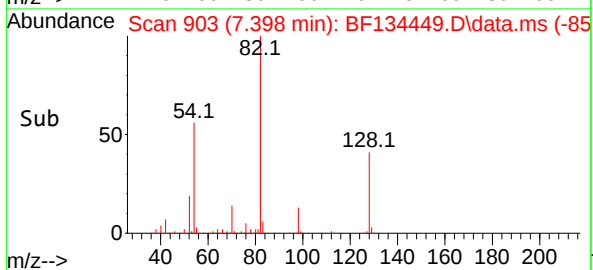
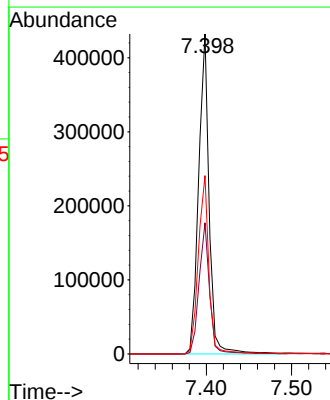
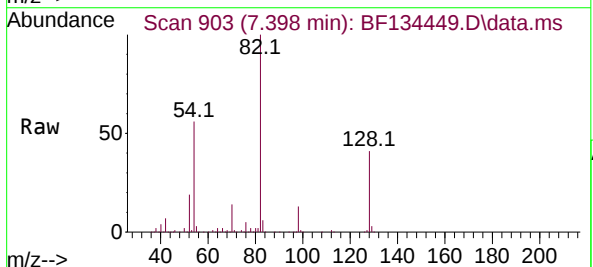
Instrument :
BNA_F
ClientSampleId :
GATE-1

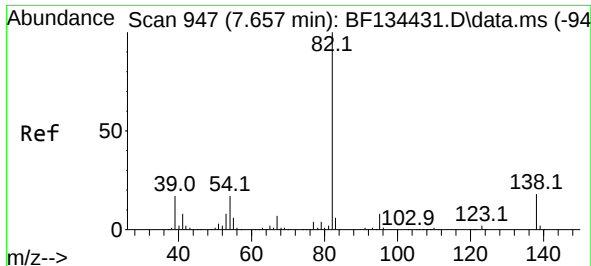
Tgt Ion:136 Resp: 217259
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 5.2 7.8
68 4.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 86.381 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

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

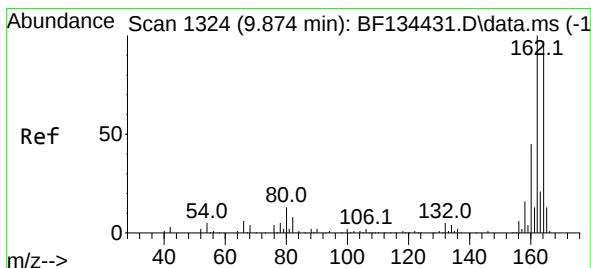
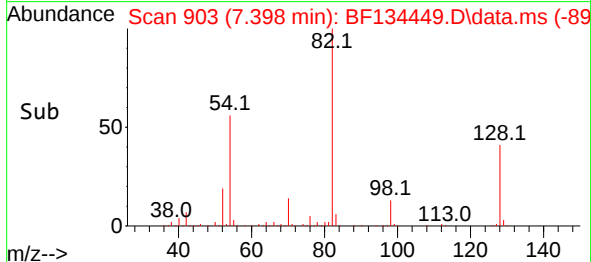
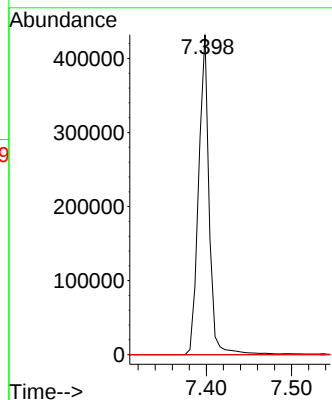
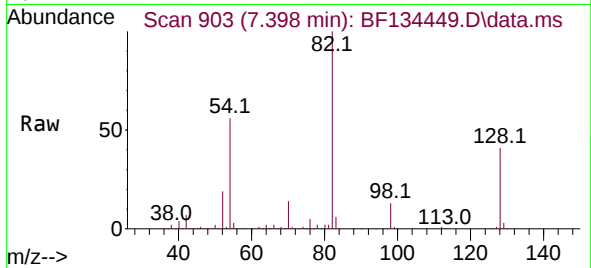




#25
Isophorone
Concen: 51.830 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

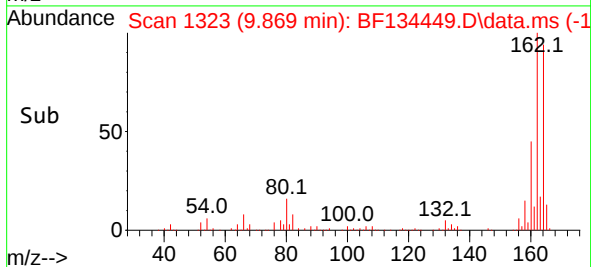
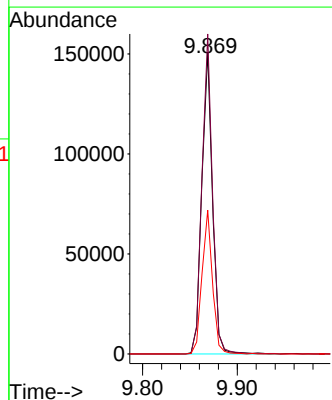
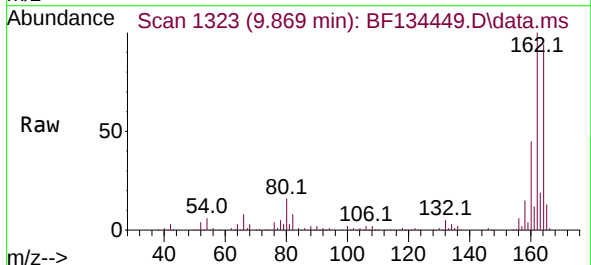
Instrument :
BNA_F
ClientSampleId :
GATE-1

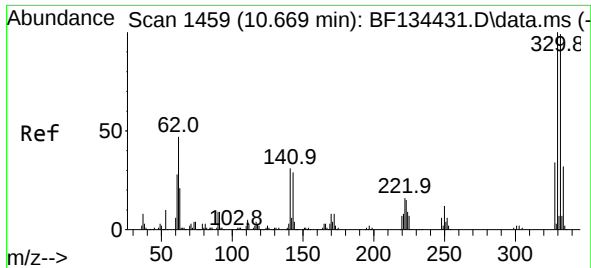
Tgt Ion: 82 Resp: 370931
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#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

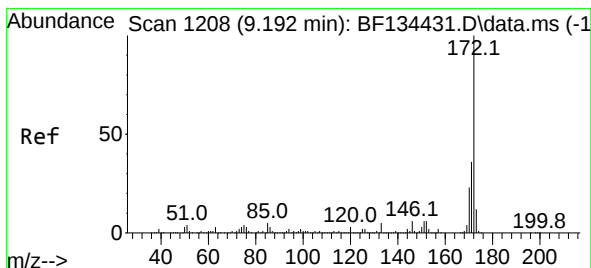
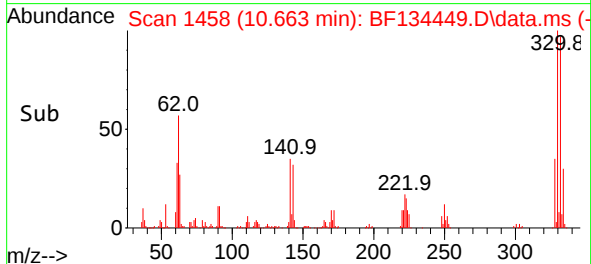
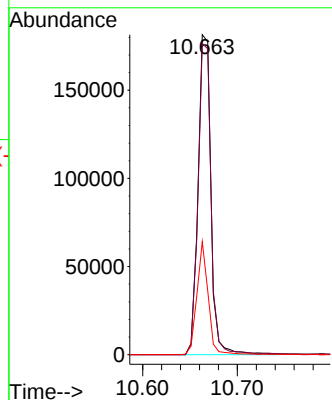
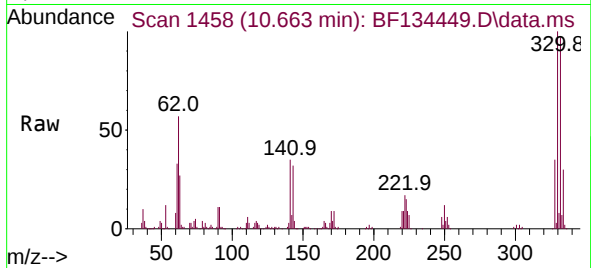




#42
2,4,6-Tribromophenol
Concen: 102.614 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

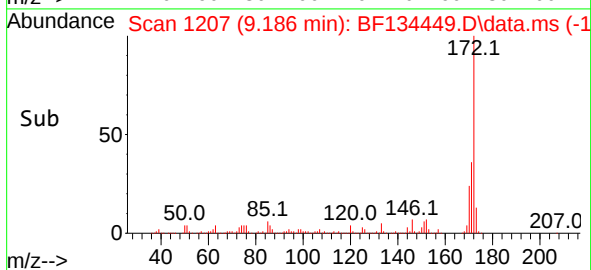
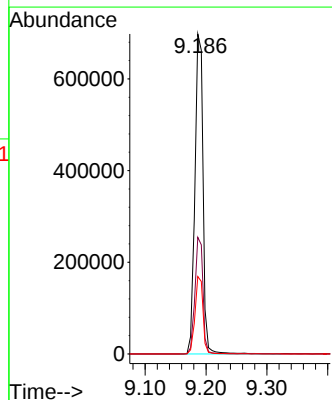
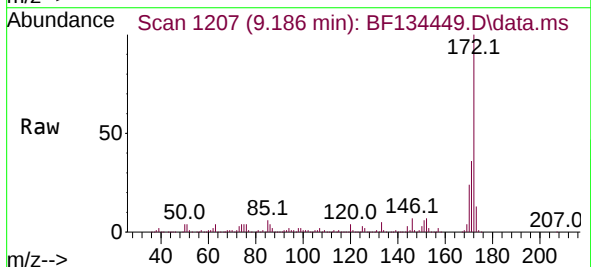
Instrument :
BNA_F
ClientSampleId :
GATE-1

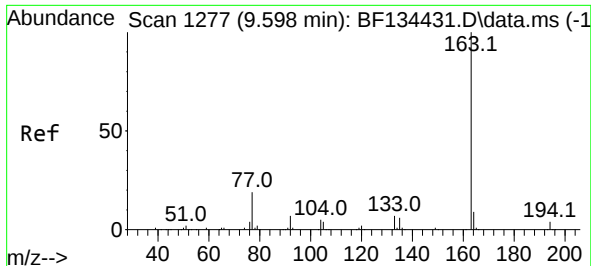
Tgt Ion:330 Resp: 172458
Ion Ratio Lower Upper
330 100
332 97.4 78.8 118.2
141 31.0 25.4 38.2



#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

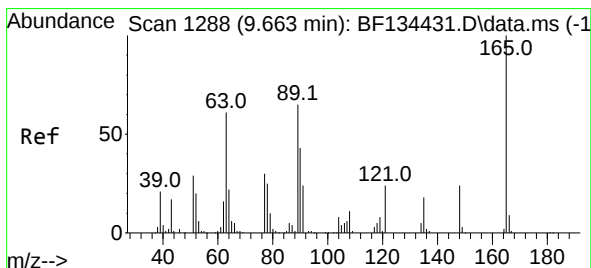
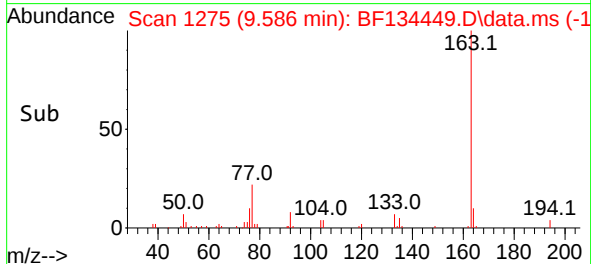
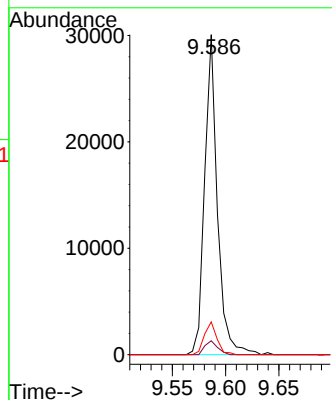
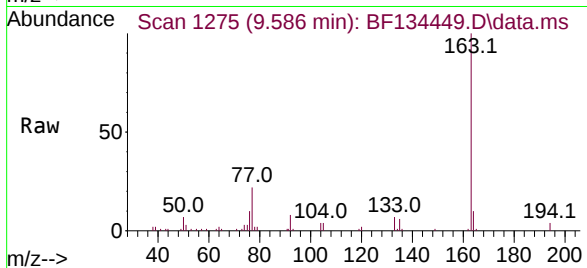




#50
Dimethylphthalate
Concen: 2.869 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

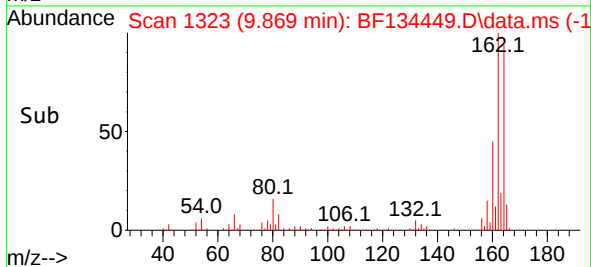
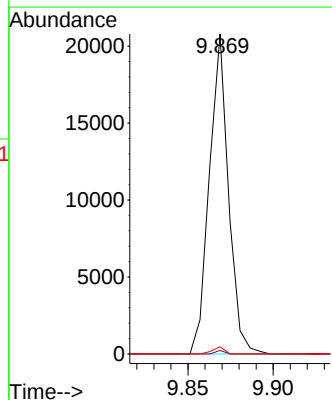
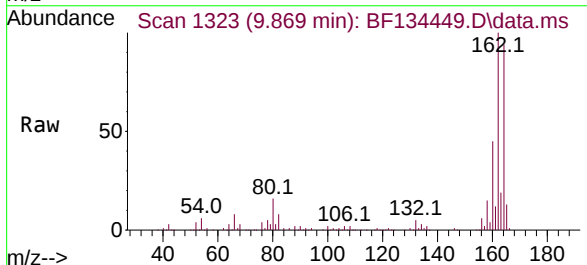
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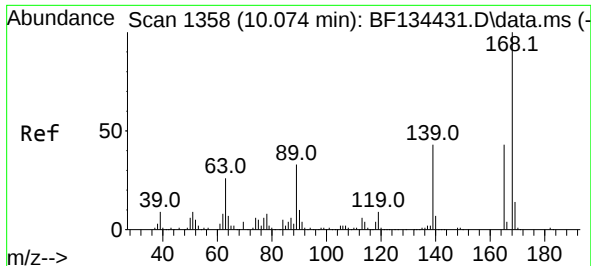
Tgt Ion:163 Resp: 25155
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.2 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

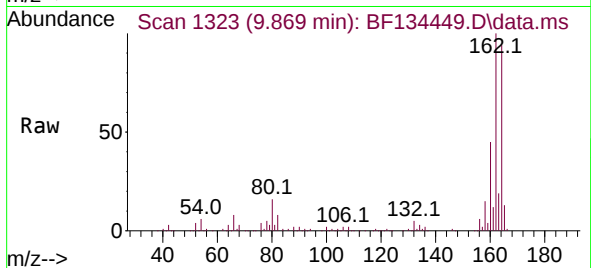
Tgt Ion:165 Resp: 16226
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 2.2 51.8 77.8#



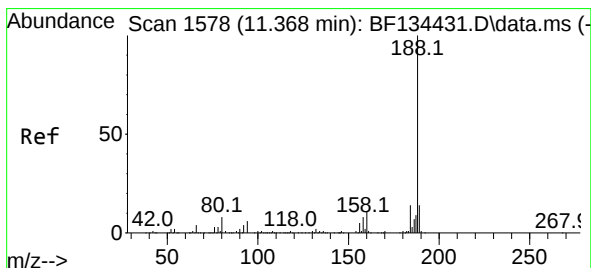
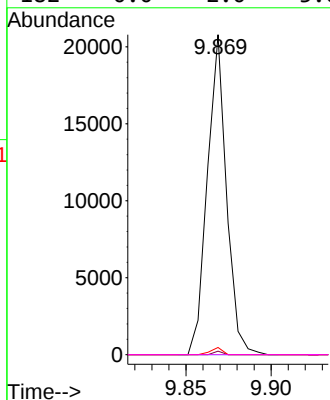
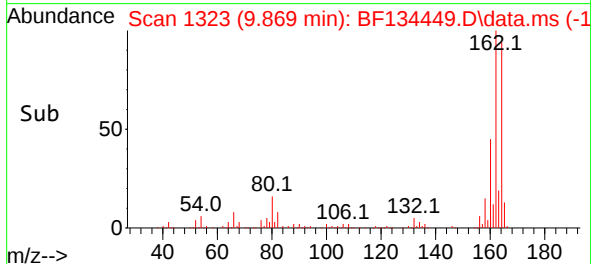


#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

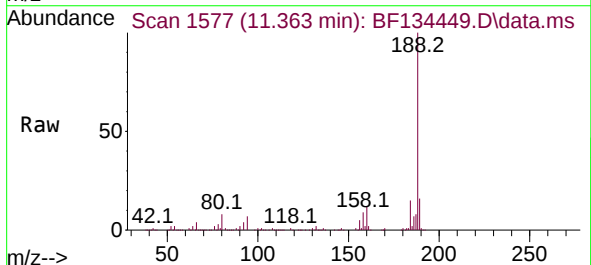
Instrument :
BNA_F
ClientSampleId :
GATE-1



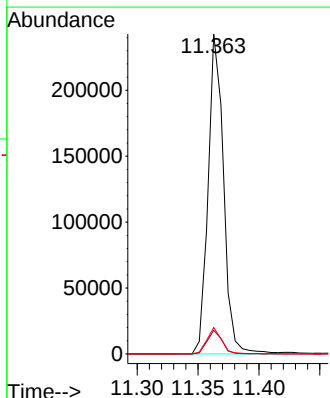
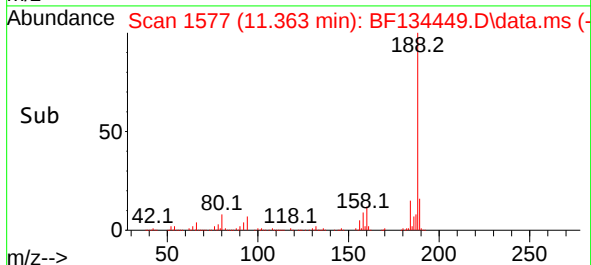
Tgt Ion:165 Resp: 16226
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 2.2 61.7 92.5#
182 0.0 2.0 3.0#

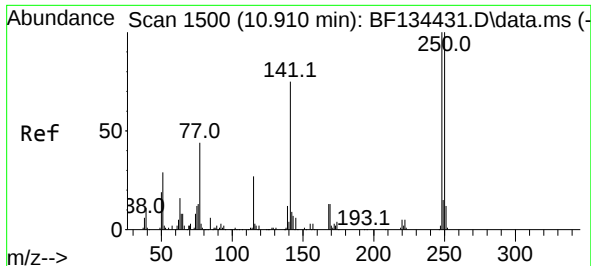


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04



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

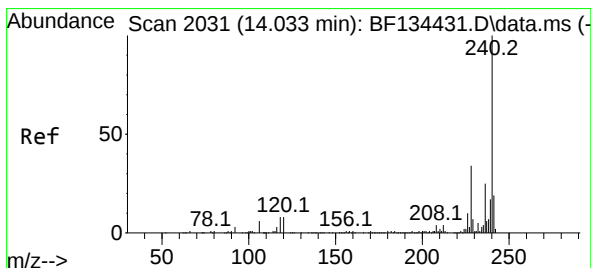
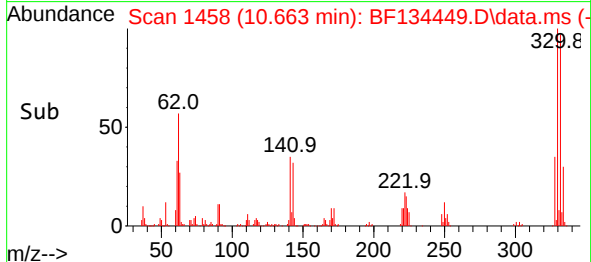
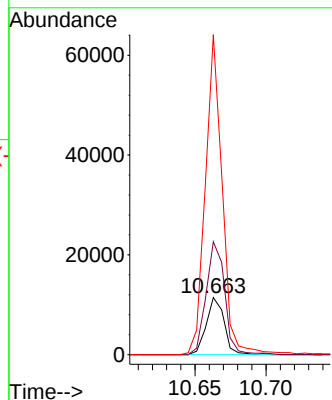
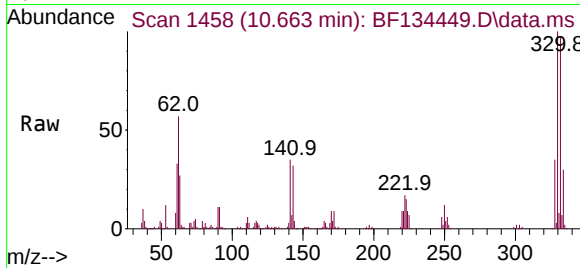




#67
4-Bromophenyl-phenylether
Concen: 4.301 ng
RT: 10.663 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

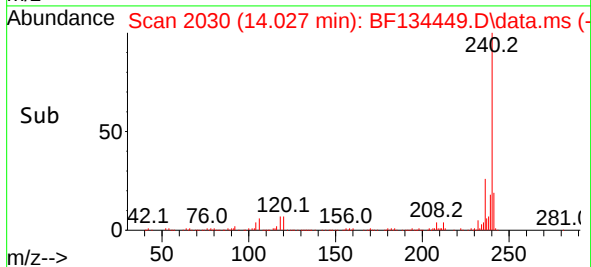
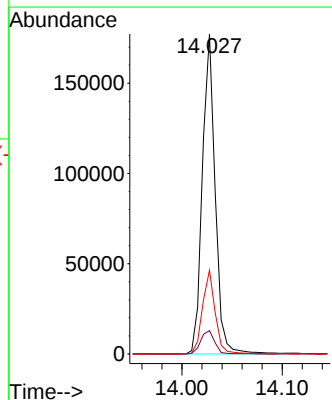
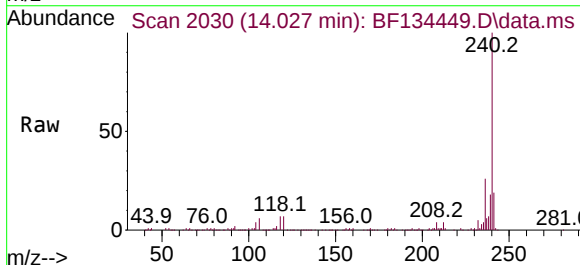
Instrument :
BNA_F
ClientSampleId :
GATE-1

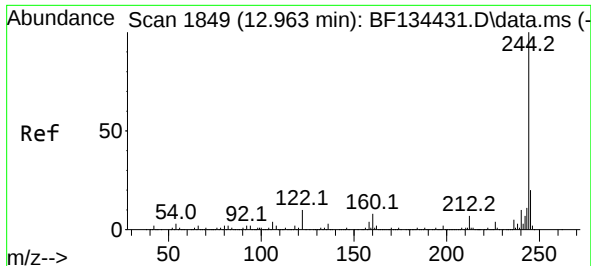
Tgt Ion:248 Resp: 10050
Ion Ratio Lower Upper
248 100
250 197.5 79.6 119.4#
141 559.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134449.D
Acq: 25 Jul 2023 02:04

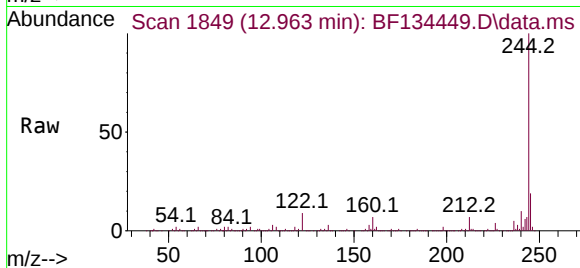
Tgt Ion:240 Resp: 158477
Ion Ratio Lower Upper
240 100
120 7.3 6.6 10.0
236 26.2 20.2 30.2



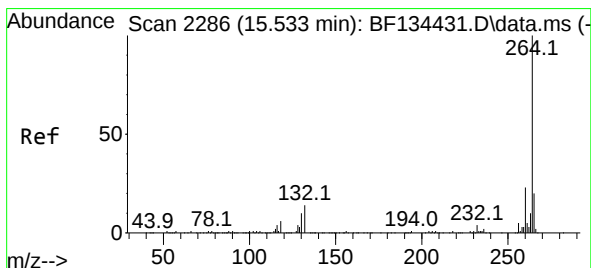
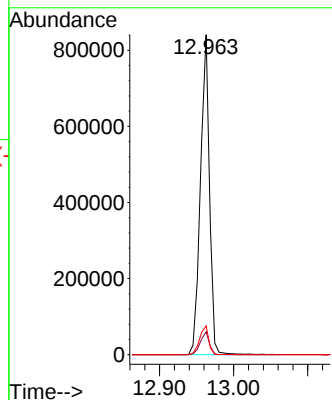
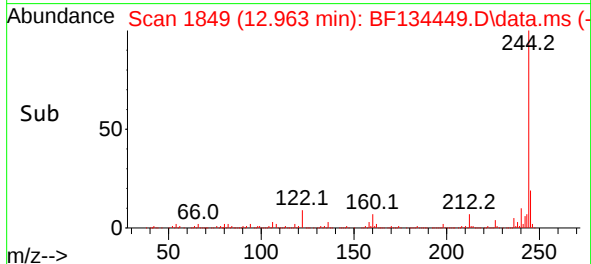


#79
 Terphenyl-d14
 Concen: 78.349 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134449.D
 Acq: 25 Jul 2023 02:04

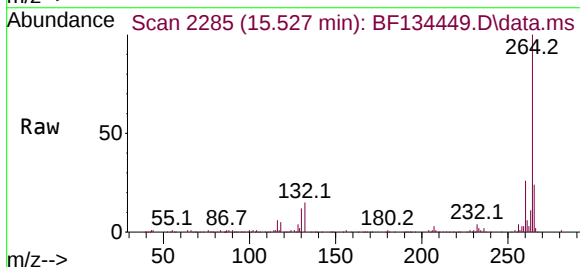
Instrument :
 BNA_F
 ClientSampleId :
 GATE-1



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# 2285
 Delta R.T. -0.006 min
 Lab File: BF134449.D
 Acq: 25 Jul 2023 02:04



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

