

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134446.D
 Acq On : 25 Jul 2023 00:27
 Operator : CG\JU
 Sample : 03680-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 25 02:55:50 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)

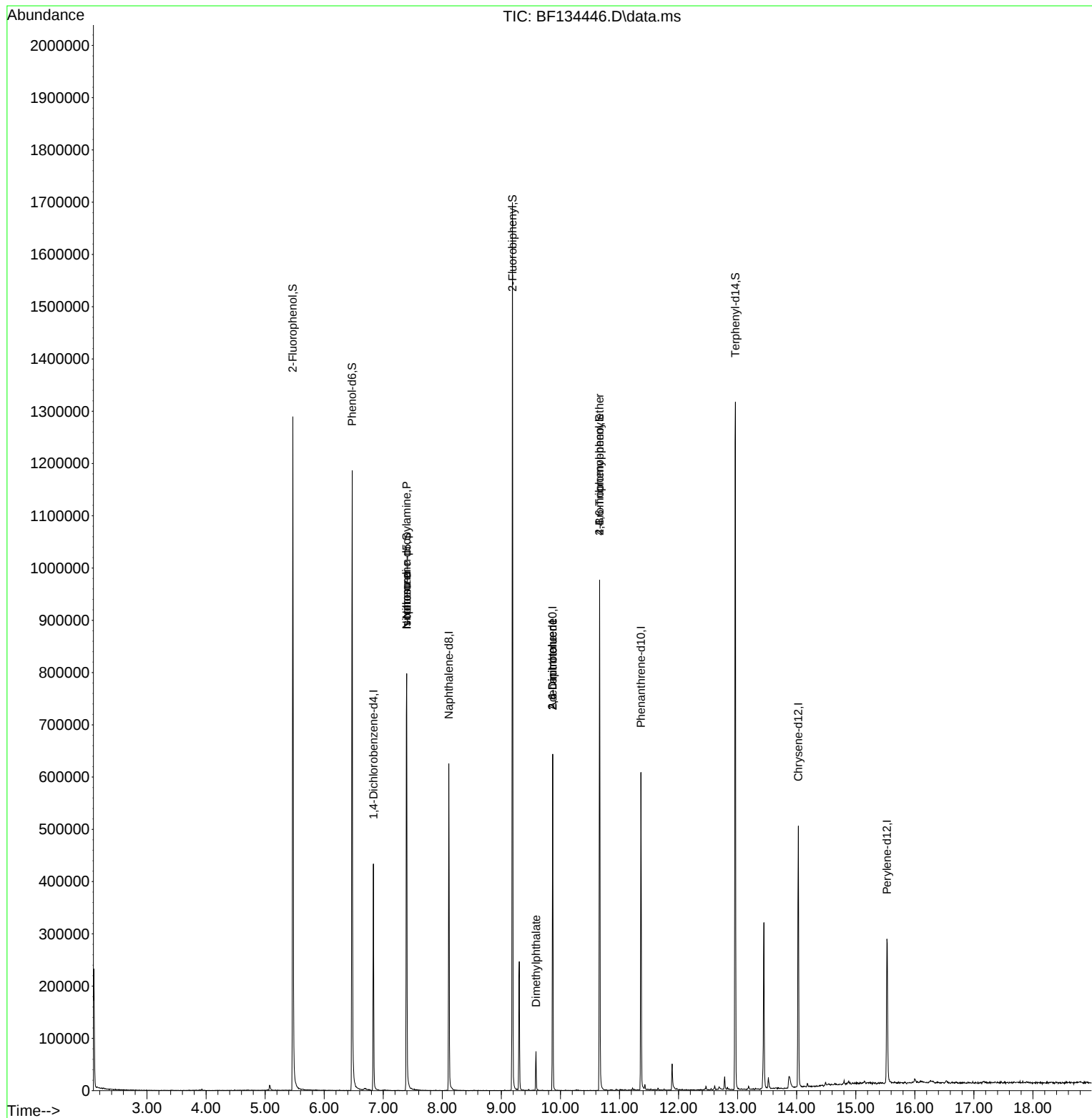
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	57636	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	256314	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	116039	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	209797	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	163845	20.000	ng	0.00
86) Perylene-d12	15.527	264	144800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	322550	92.462	ng	0.00
7) Phenol-d6	6.475	99	349503	81.773	ng	0.00
23) Nitrobenzene-d5	7.398	82	246333	48.624	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	114727	69.586	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	461307	52.189	ng	0.00
79) Terphenyl-d14	12.963	244	475941	50.708	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	34594	13.002	ng	# 71
25) Isophorone	7.398	82	246333	29.176	ng	# 65
50) Dimethylphthalate	9.586	163	27822	3.234	ng	100
51) 2,6-Dinitrotoluene	9.869	165	14936	7.913	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	14936	5.892	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	6862	2.985	ng	# 1

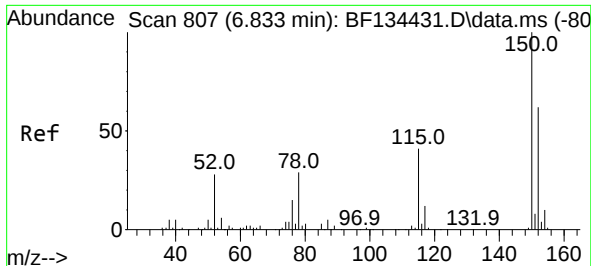
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134446.D
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Misc :
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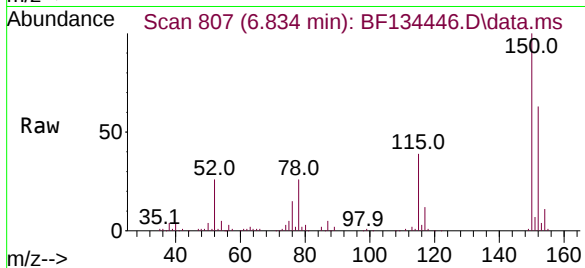
Quant Time: Jul 25 02:55:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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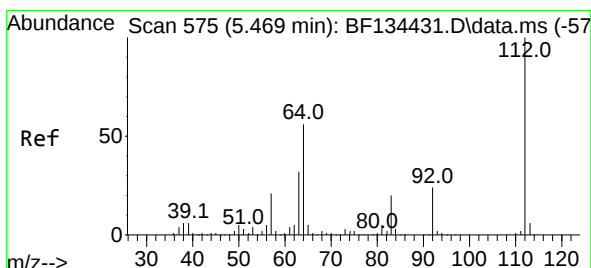
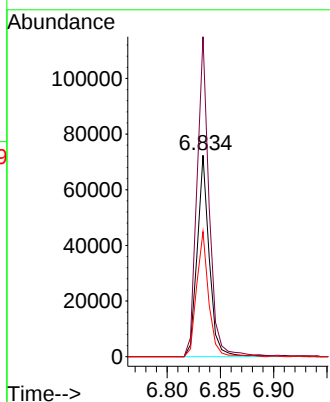
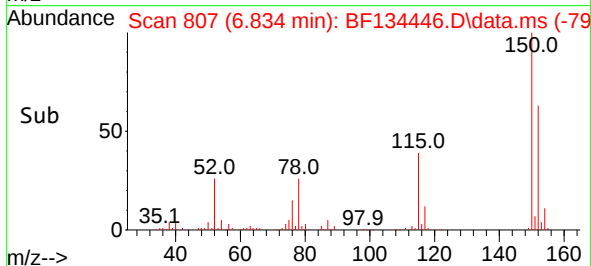


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

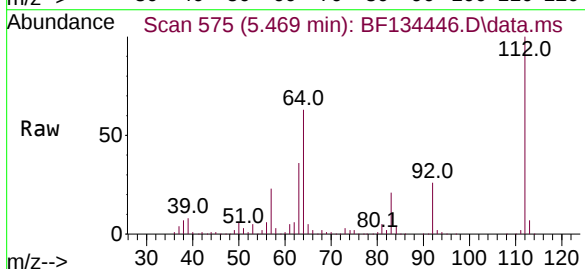
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BNA_F
ClientSampleId :
TP-3



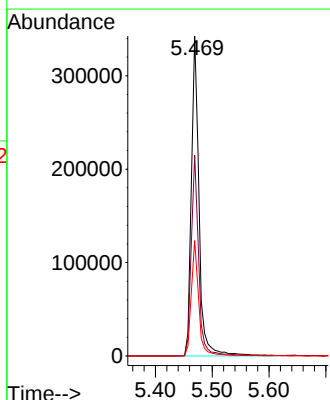
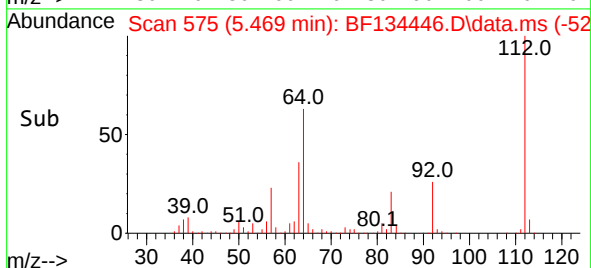
Tgt Ion:152 Resp: 57636
Ion Ratio Lower Upper
152 100
150 158.8 128.3 192.5
115 62.1 52.4 78.6

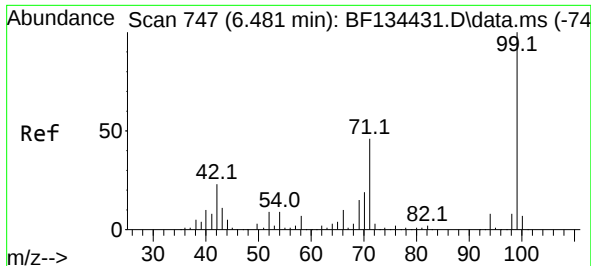


#5
2-Fluorophenol
Concen: 92.462 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27



Tgt Ion:112 Resp: 322550
Ion Ratio Lower Upper
112 100
64 62.8 44.9 67.3
63 36.0 25.4 38.0

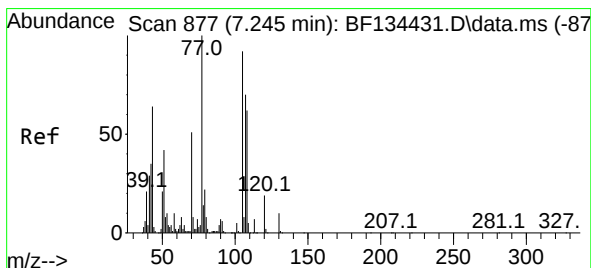
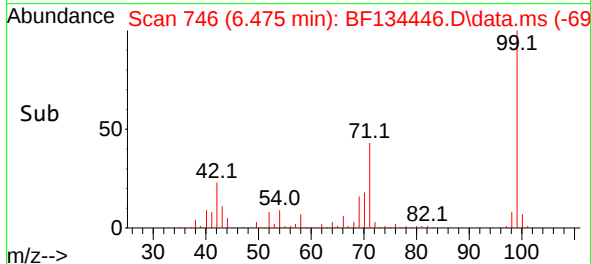
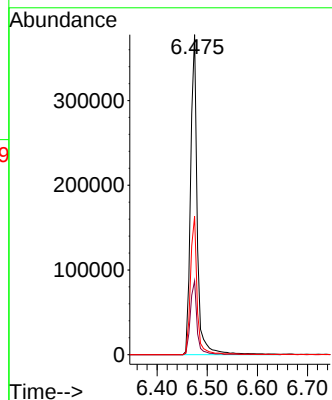
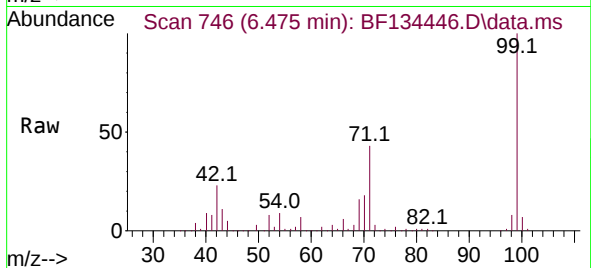




#7
Phenol-d6
Concen: 81.773 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

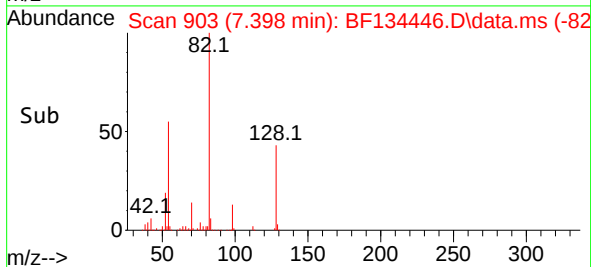
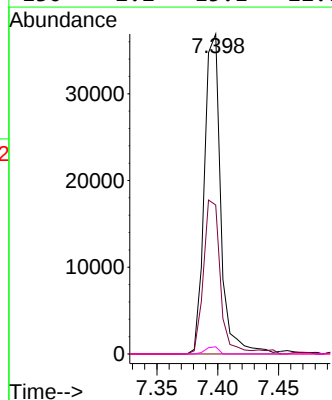
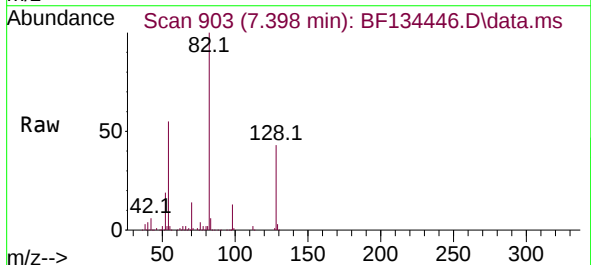
Instrument :
BNA_F
ClientSampleId :
TP-3

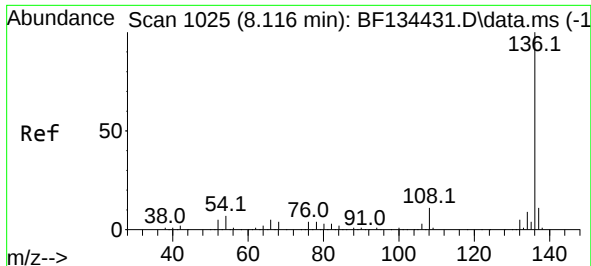
Tgt Ion: 99 Resp: 349503
Ion Ratio Lower Upper
99 100
42 23.0 18.7 28.1
71 43.2 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.002 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion: 70 Resp: 34594
Ion Ratio Lower Upper
70 100
42 46.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

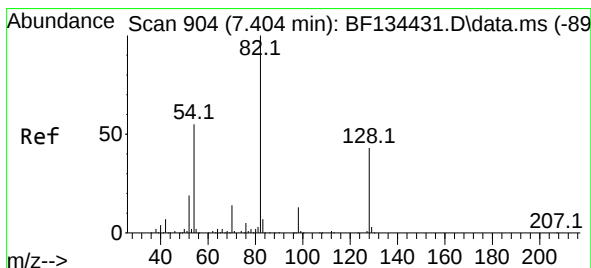
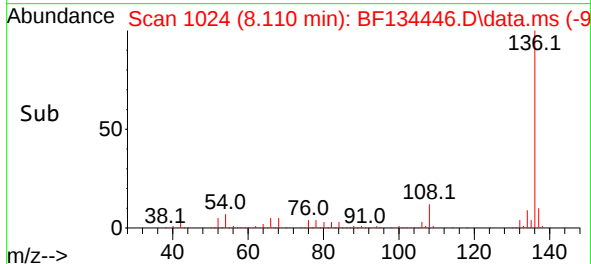
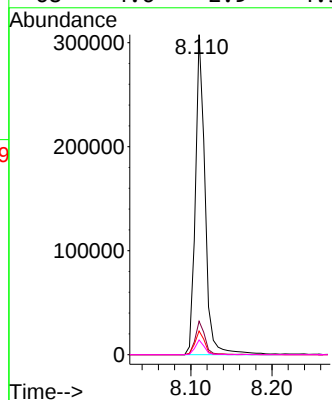
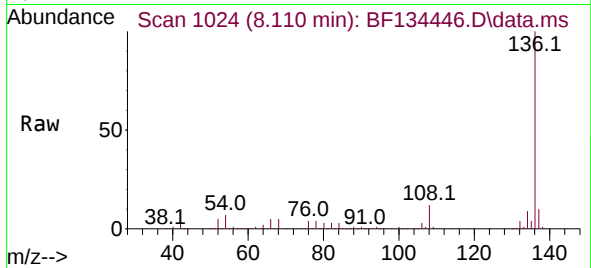




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

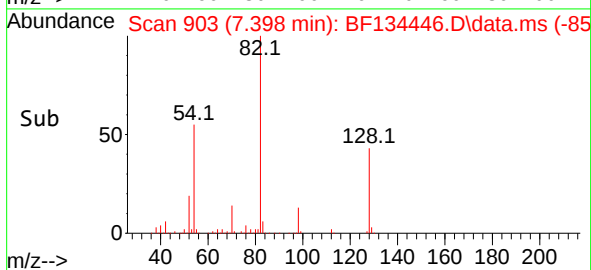
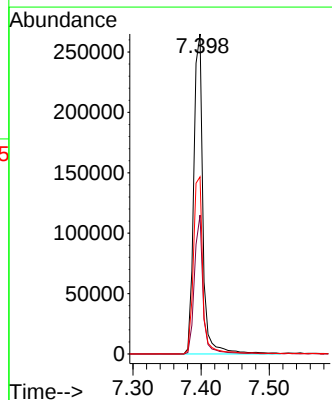
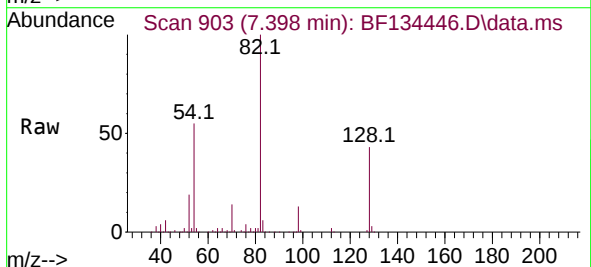
Instrument :
BNA_F
ClientSampleId :
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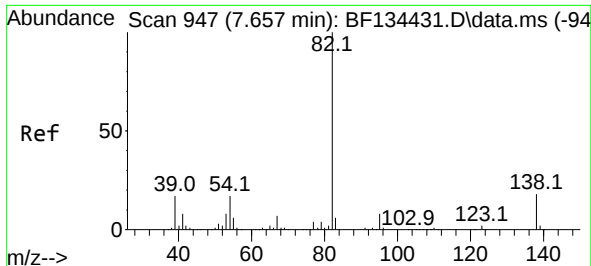
Tgt Ion:136 Resp: 256314
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.4 5.2 7.8
68 4.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 48.624 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion: 82 Resp: 246333
Ion Ratio Lower Upper
82 100
128 43.4 34.3 51.5
54 55.4 43.8 65.6

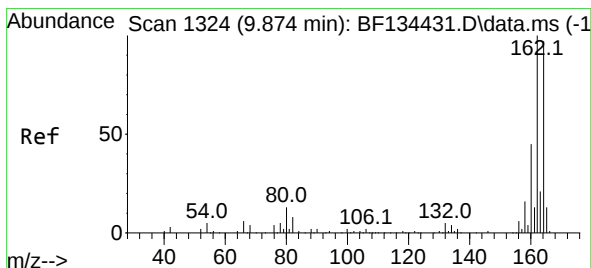
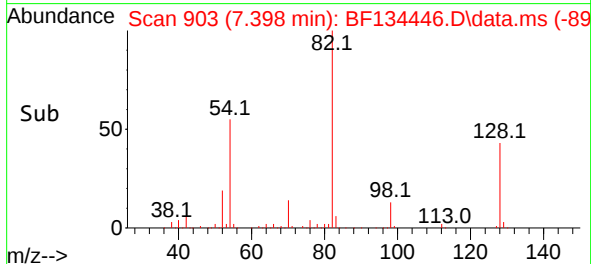
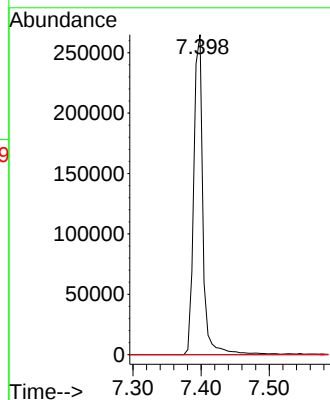
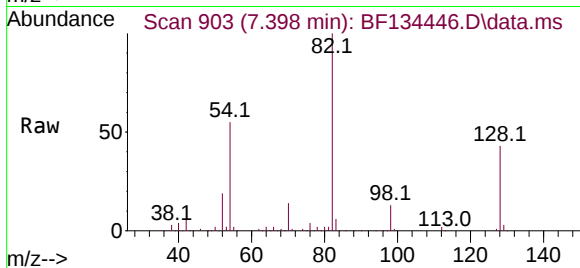




#25
Isophorone
Concen: 29.176 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

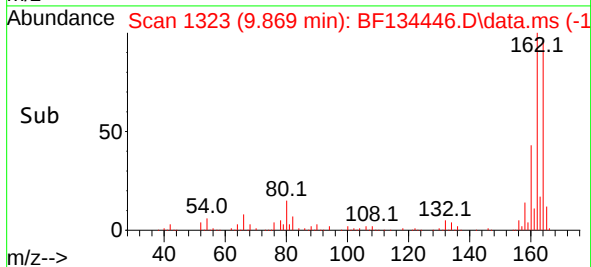
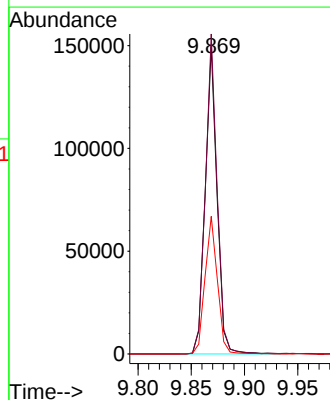
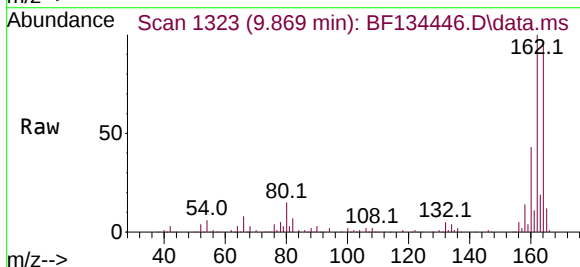
Instrument :
BNA_F
ClientSampleId :
TP-3

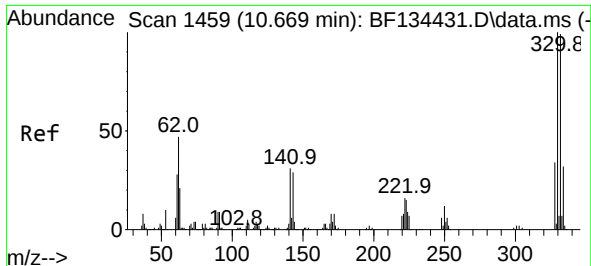
Tgt Ion: 82 Resp: 246333
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion:164 Resp: 116039
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 44.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 69.586 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134446.D

Acq: 25 Jul 2023 00:27

Instrument :

BNA_F

ClientSampleId :

TP-3

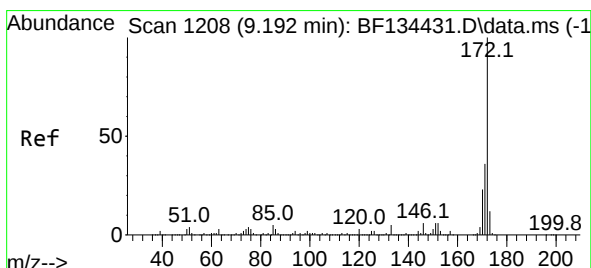
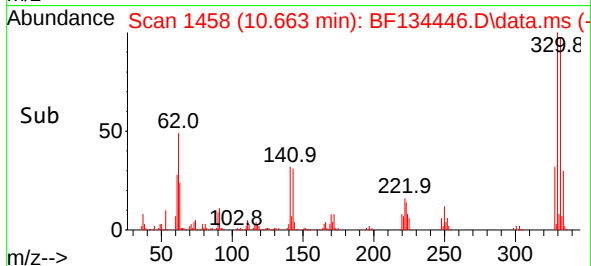
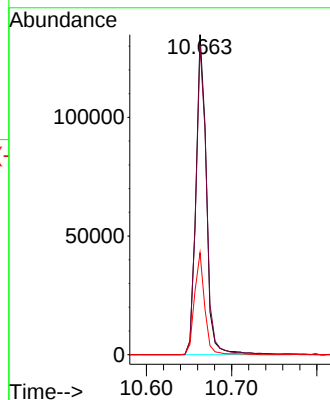
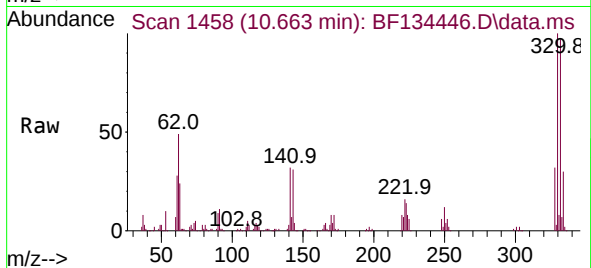
Tgt Ion:330 Resp: 114727

Ion Ratio Lower Upper

330 100

332 99.0 78.8 118.2

141 31.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.189 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134446.D

Acq: 25 Jul 2023 00:27

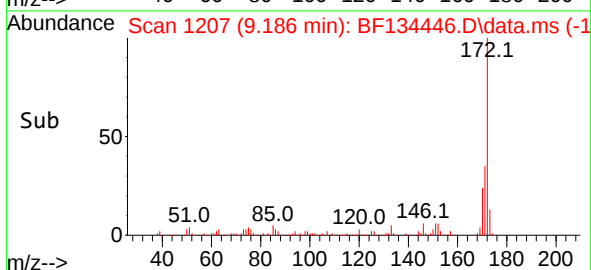
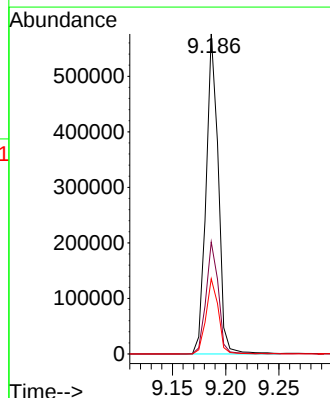
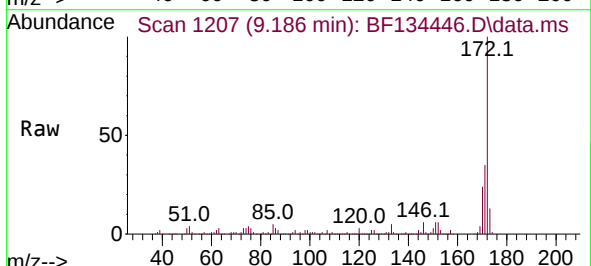
Tgt Ion:172 Resp: 461307

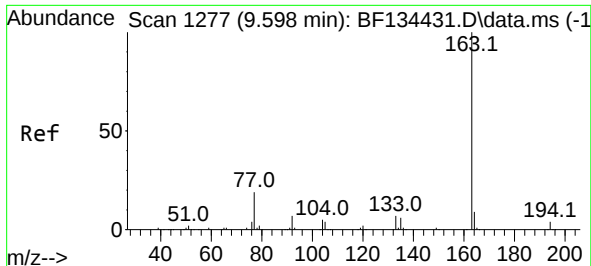
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 18.7 28.1

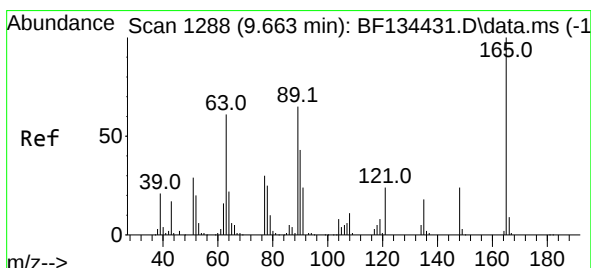
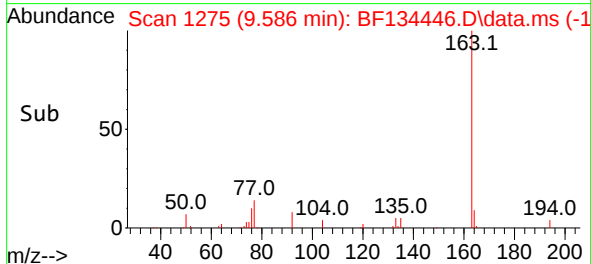
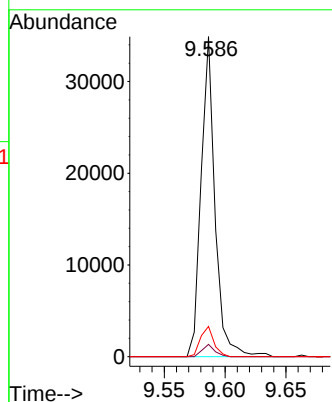
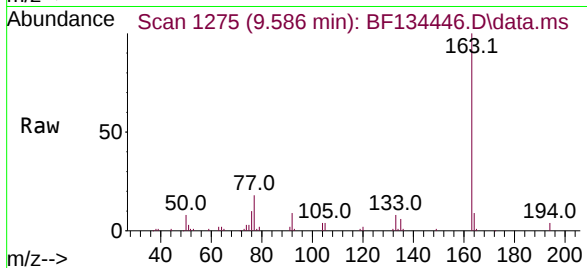




#50
Dimethylphthalate
Concen: 3.234 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

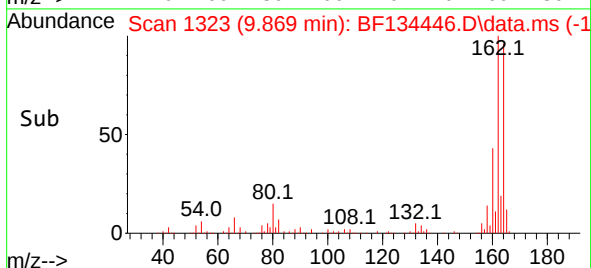
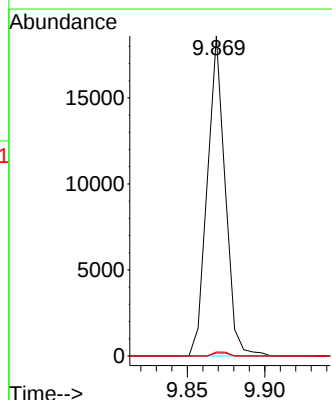
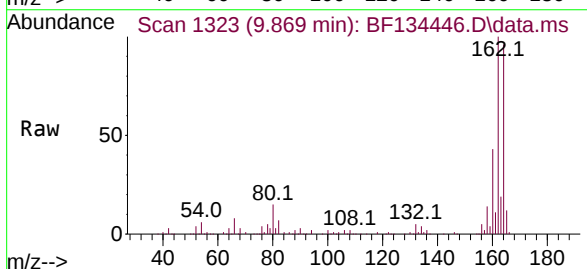
Instrument :
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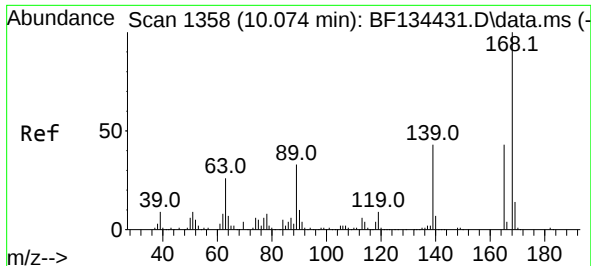
Tgt Ion:163 Resp: 27822
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.5 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 7.913 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion:165 Resp: 14936
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.3 51.8 77.8#

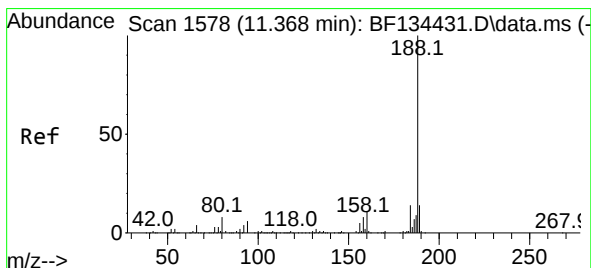
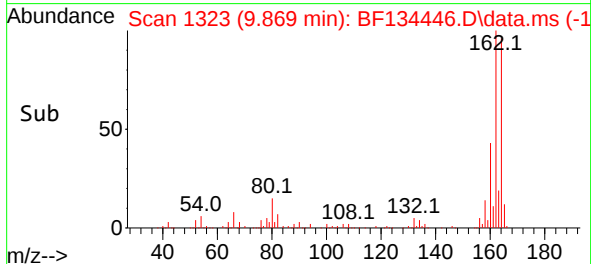
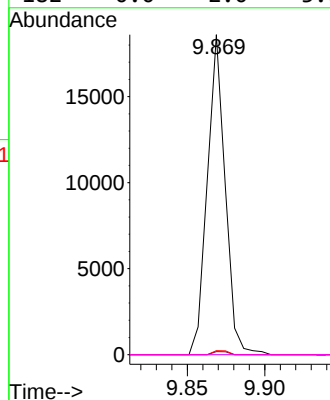
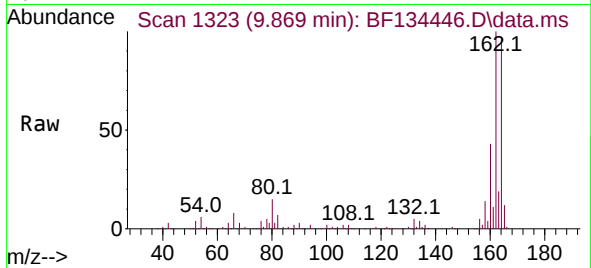




#57
2,4-Dinitrotoluene
Concen: 5.892 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

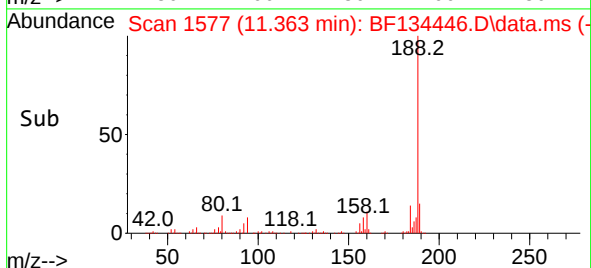
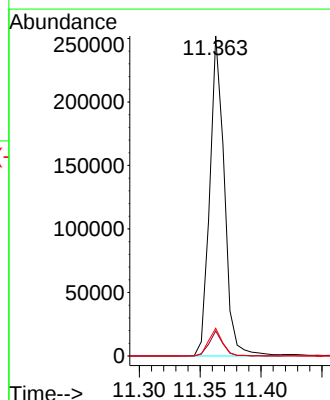
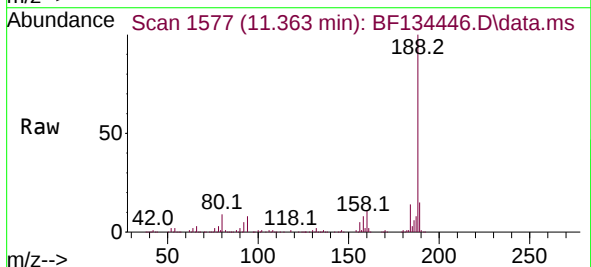
Instrument :
BNA_F
ClientSampleId :
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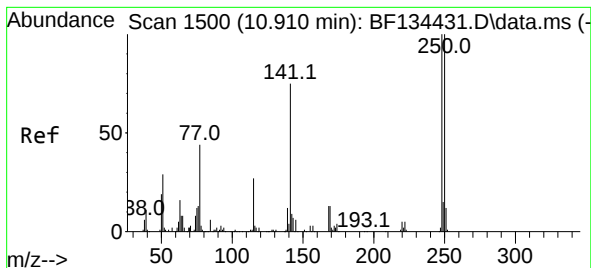
Tgt Ion:165 Resp: 14936
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion:188 Resp: 209797
Ion Ratio Lower Upper
188 100
94 7.8 5.1 7.7#
80 8.7 6.6 9.8

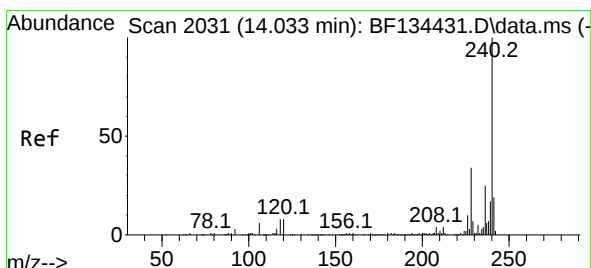
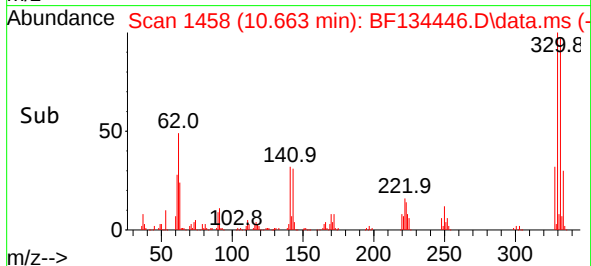
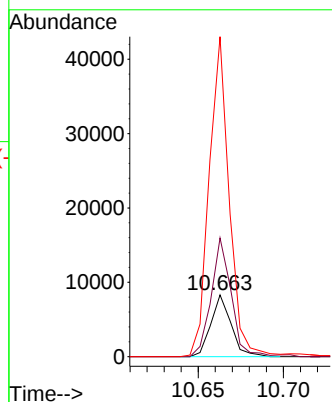
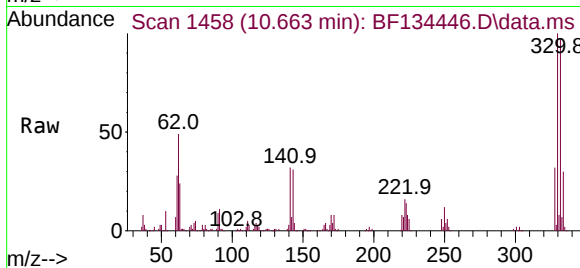




#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

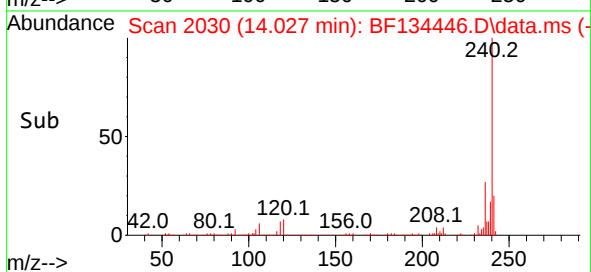
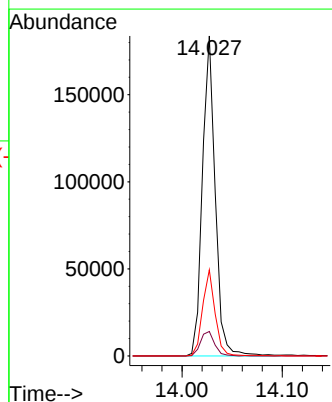
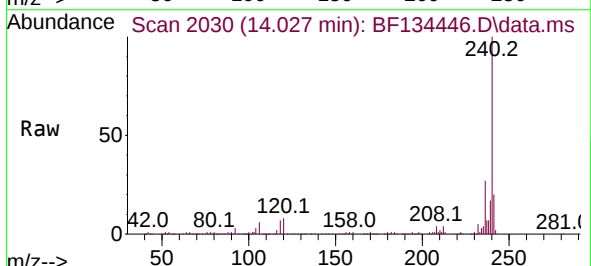
Instrument :
BNA_F
ClientSampleId :
TP-3

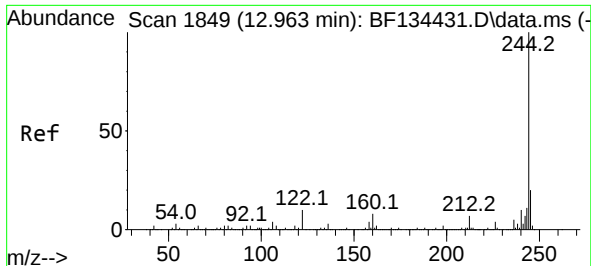
Tgt Ion:248 Resp: 6862
Ion Ratio Lower Upper
248 100
250 192.1 79.6 119.4#
141 517.5 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134446.D
Acq: 25 Jul 2023 00:27

Tgt Ion:240 Resp: 163845
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 26.9 20.2 30.2

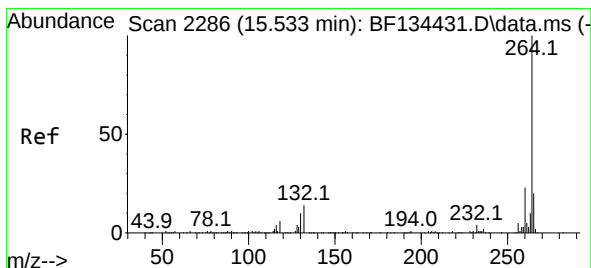
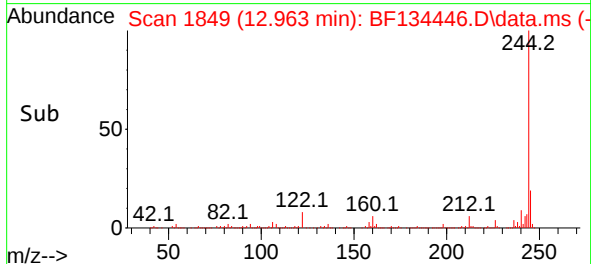
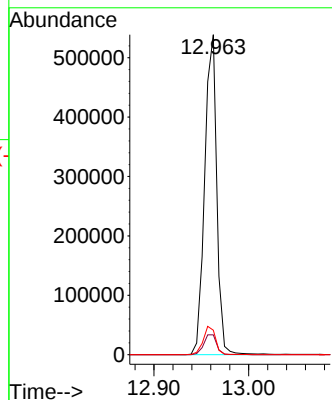
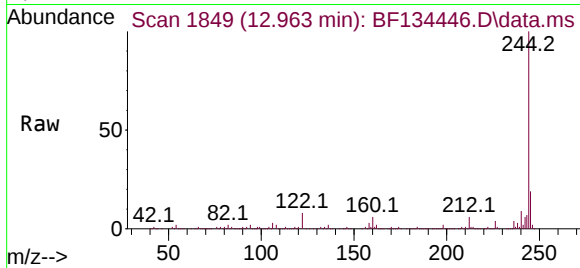




#79
 Terphenyl-d14
 Concen: 50.708 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134446.D
 Acq: 25 Jul 2023 00:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 475941
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 7.7 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: BF134446.D
 Acq: 25 Jul 2023 00:27

Tgt Ion:264 Resp: 144800
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 19.2 15.8 23.8

