

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134307.D
 Acq On : 15 Jul 2023 00:58
 Operator : CG\JU
 Sample : 03597-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(0-2)

Quant Time: Jul 15 01:38:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

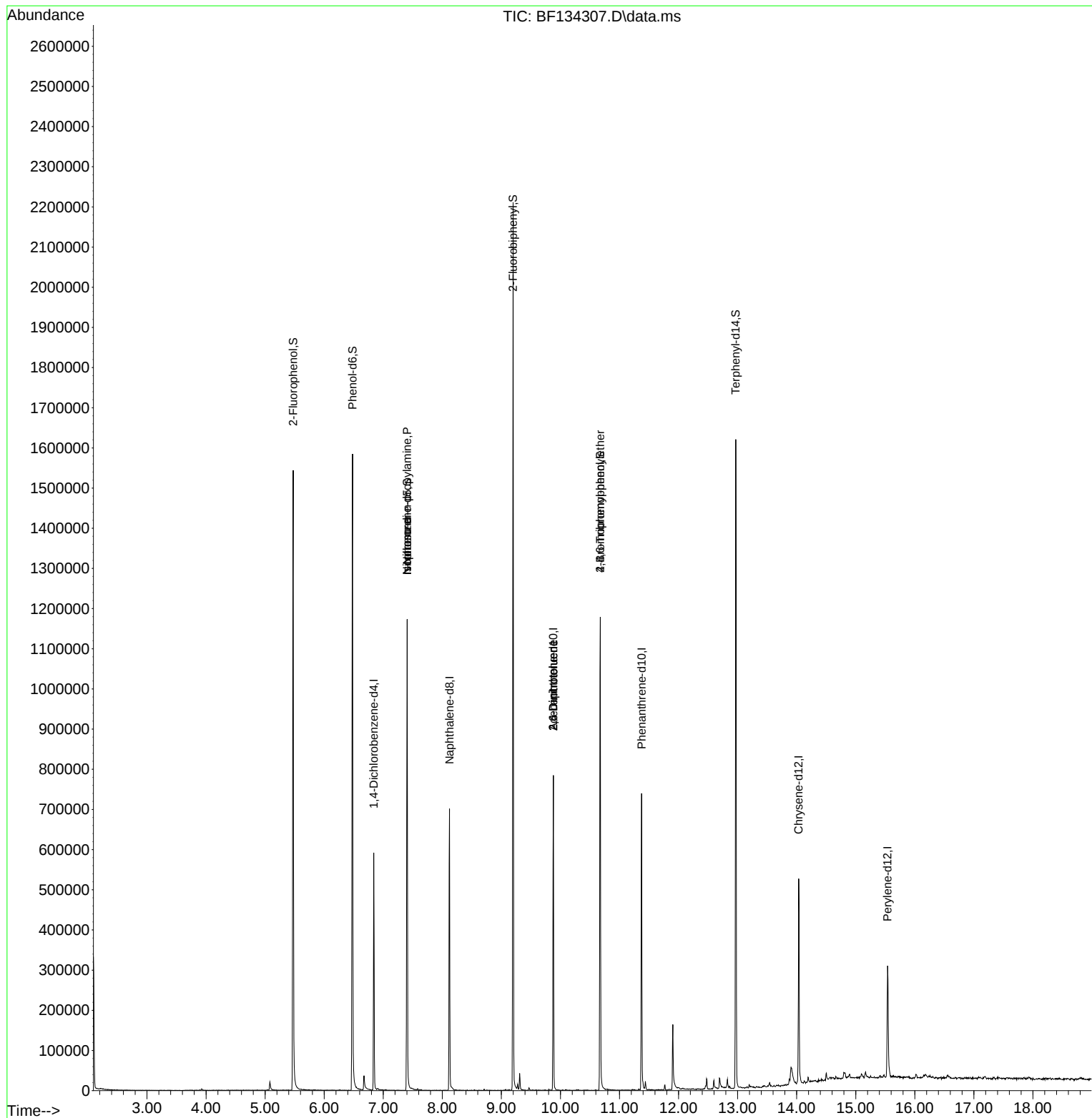
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	79094	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	299287	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	142801	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	261721	20.000	ng	0.00
76) Chrysene-d12	14.033	240	170736	20.000	ng	0.00
86) Perylene-d12	15.539	264	139383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	393137	83.145	ng	0.00
7) Phenol-d6	6.481	99	477650	82.142	ng	0.00
23) Nitrobenzene-d5	7.404	82	325744	58.671	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	150460	84.035	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	591514	60.224	ng	0.00
79) Terphenyl-d14	12.968	244	552609	52.091	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	658	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	45672	12.385	ng	# 75
25) Isophorone	7.404	82	325740	32.282	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	18769	8.407	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	18769	6.366	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	8782	3.157	ng	# 1

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

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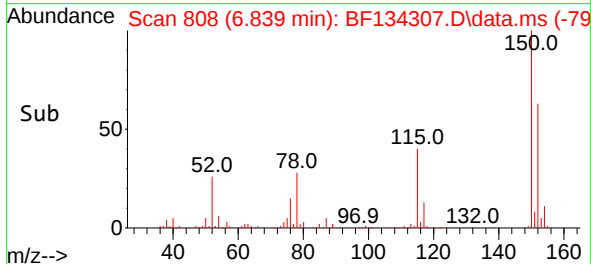
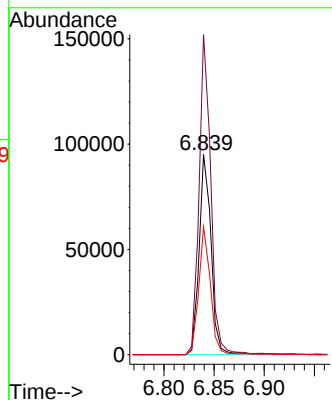
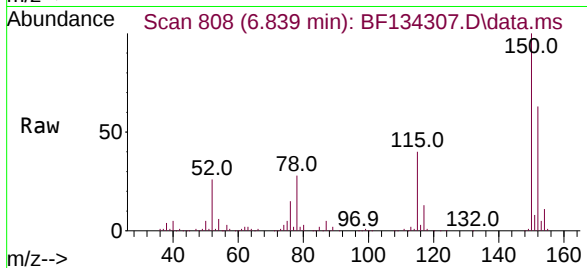




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

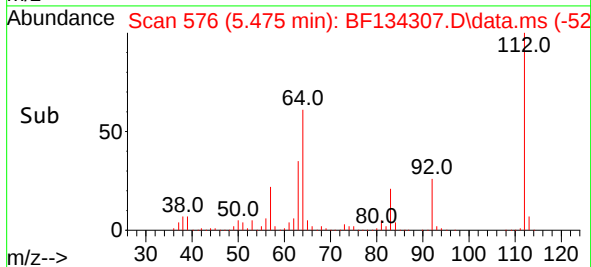
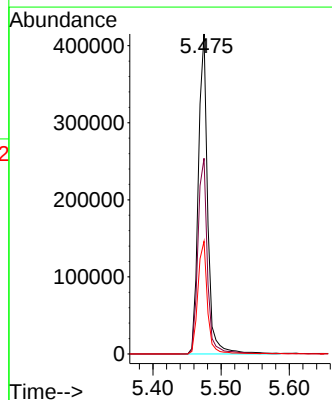
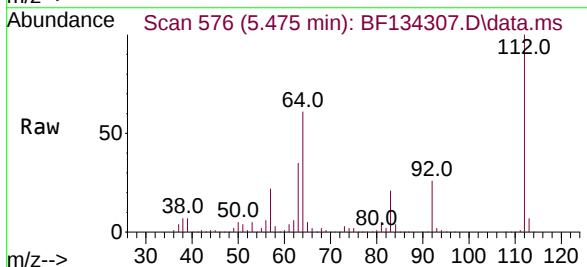
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

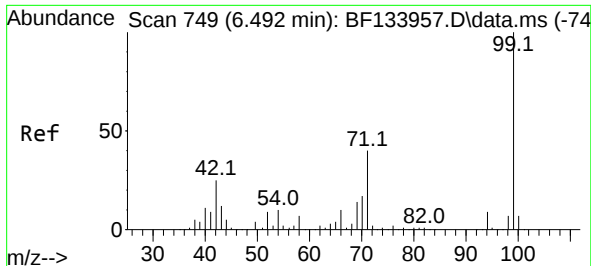
Tgt Ion:152 Resp: 79094
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 63.9 50.2 75.2



#5
2-Fluorophenol
Concen: 83.145 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion:112 Resp: 393137
Ion Ratio Lower Upper
112 100
64 61.1 52.1 78.1
63 35.2 28.6 42.8





#7

Phenol-d6

Concen: 82.142 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Instrument :

BNA_F

ClientSampleId :

RB-44-(0-2)

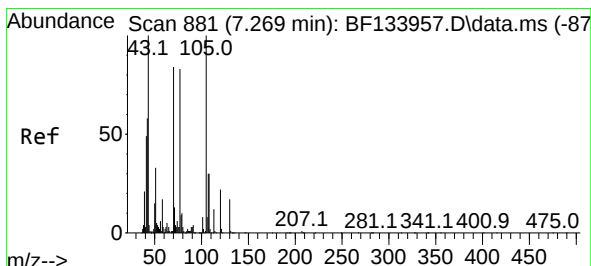
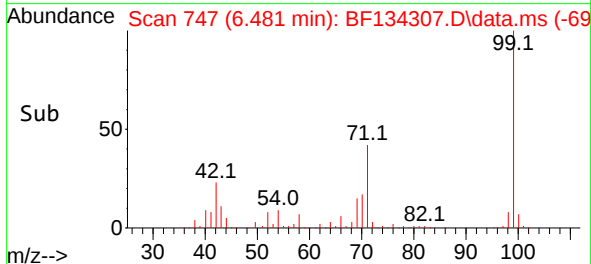
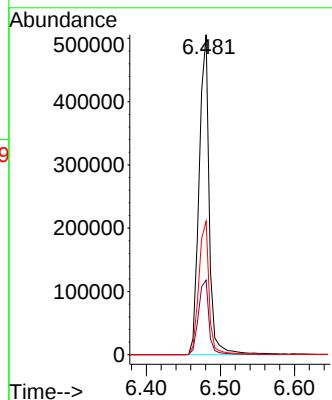
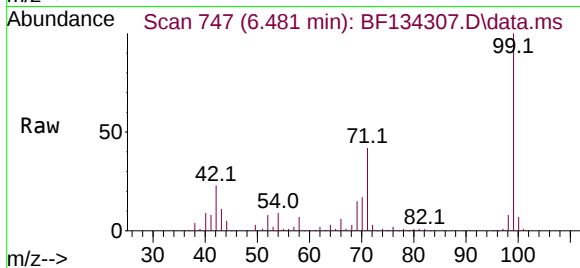
Tgt Ion: 99 Resp: 477650

Ion Ratio Lower Upper

99 100

42 23.3 19.8 29.6

71 41.7 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.385 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Tgt Ion: 70 Resp: 45672

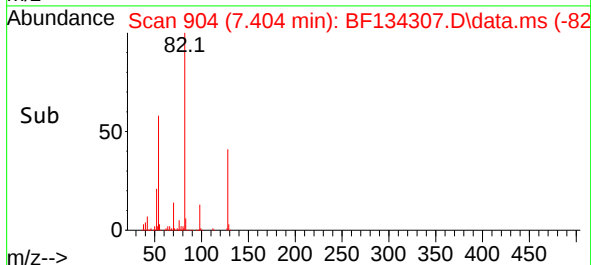
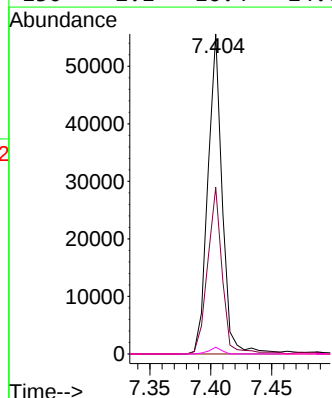
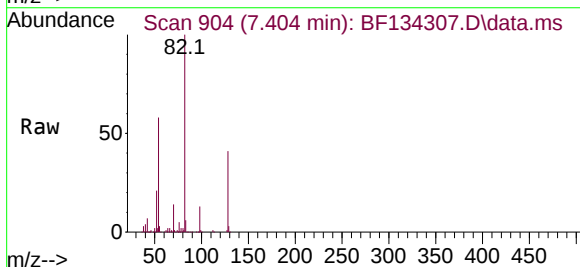
Ion Ratio Lower Upper

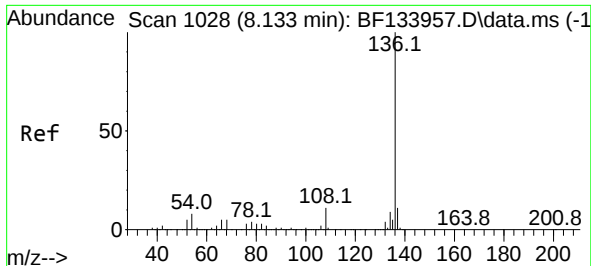
70 100

42 52.1 54.7 82.1#

101 0.0 7.7 11.5#

130 2.1 16.4 24.6#

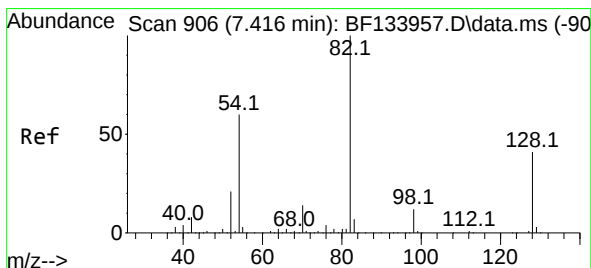
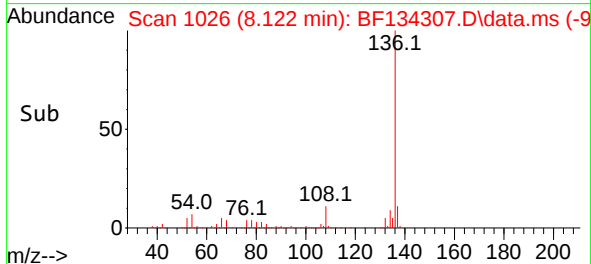
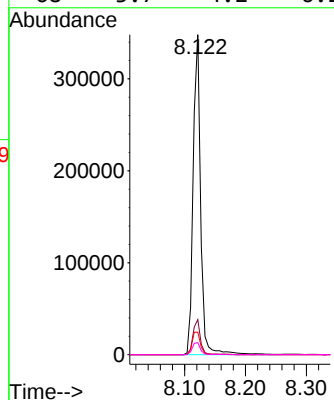
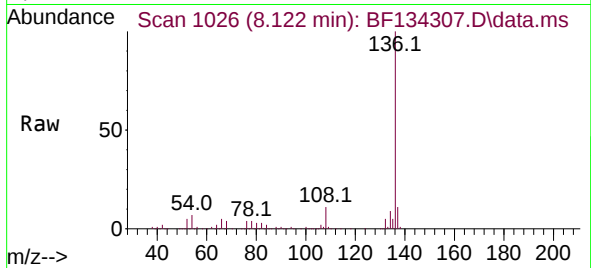




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

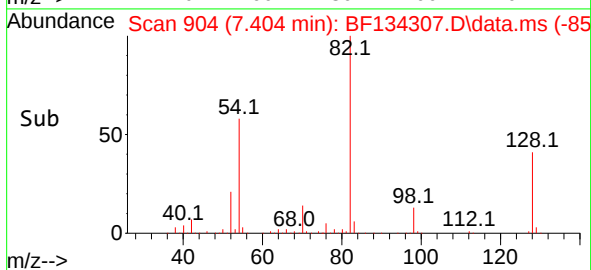
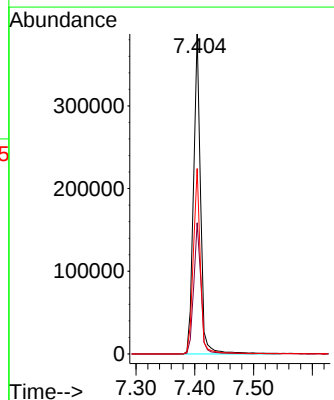
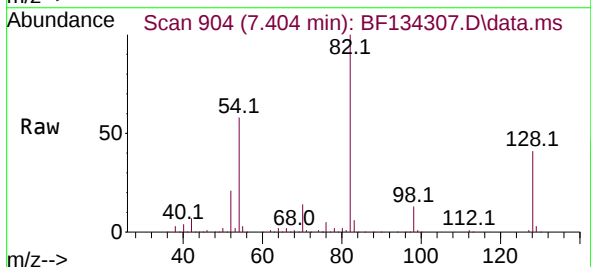
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

Tgt Ion:136 Resp: 299287
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.1 6.5 9.7
68 3.7 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 58.671 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion: 82 Resp: 325744
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 57.9 48.2 72.2

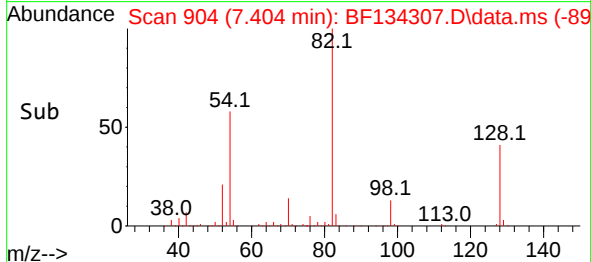
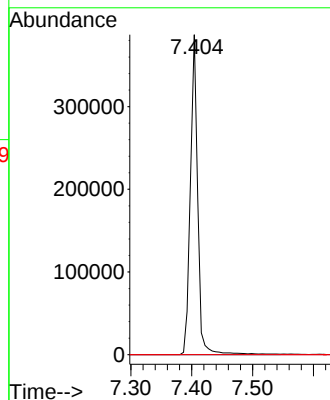
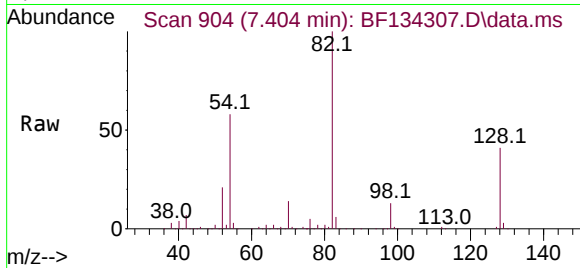




#25
Isophorone
Concen: 32.282 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

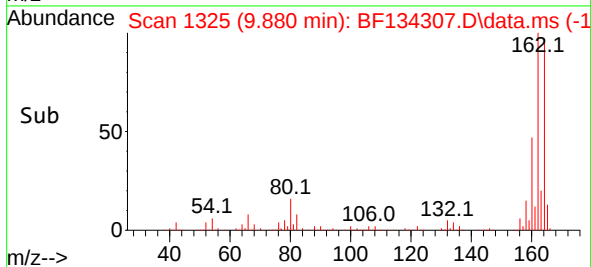
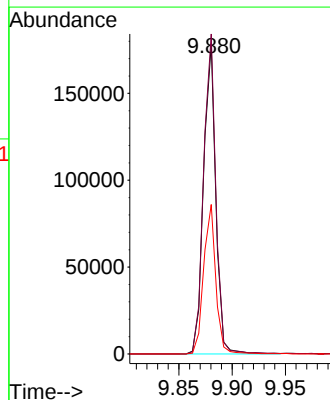
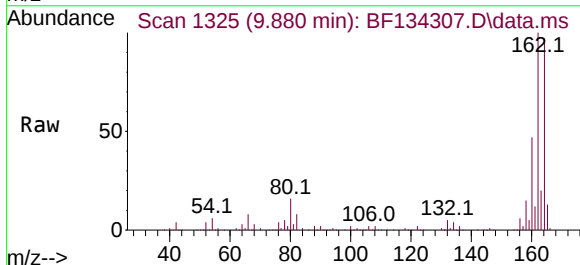
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

Tgt Ion: 82 Resp: 325740
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion: 164 Resp: 142801
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 48.3 35.9 53.9

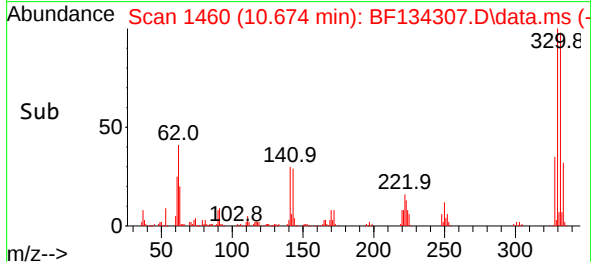
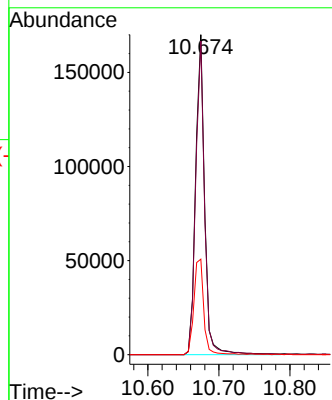
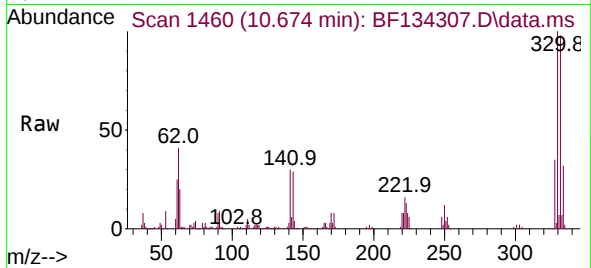




#42
2,4,6-Tribromophenol
Concen: 84.035 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

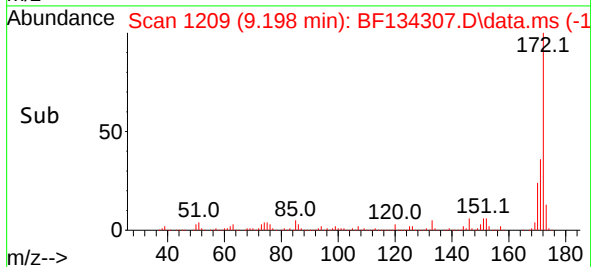
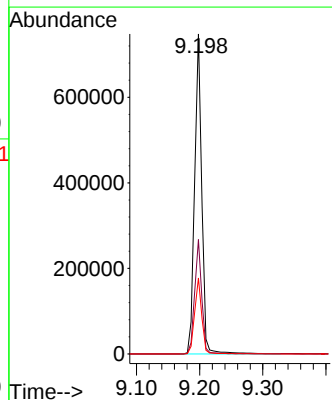
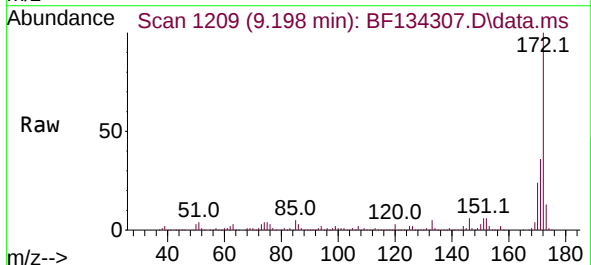
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

Tgt Ion:330 Resp: 150460
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 60.224 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion:172 Resp: 591514
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.407 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Instrument :

BNA_F

ClientSampleId :

RB-44-(0-2)

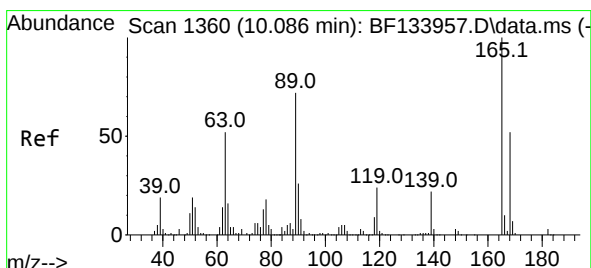
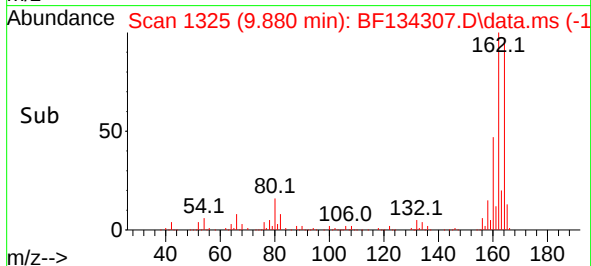
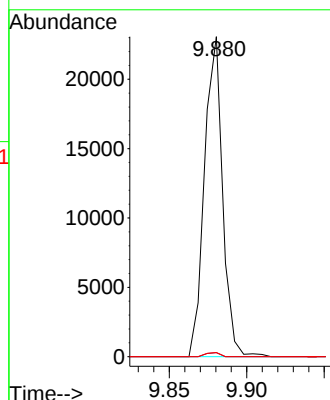
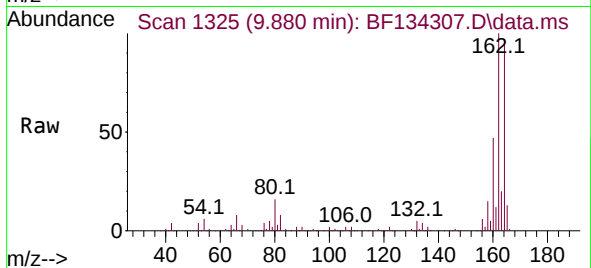
Tgt Ion:165 Resp: 18769

Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.3 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.366 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134307.D

Acq: 15 Jul 2023 00:58

Tgt Ion:165 Resp: 18769

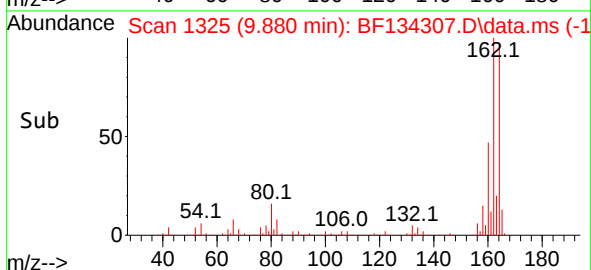
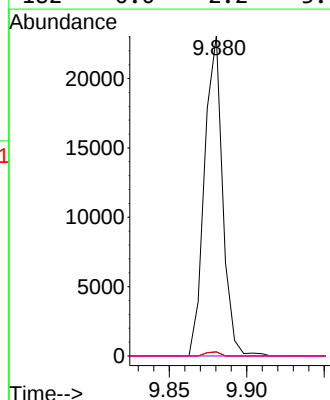
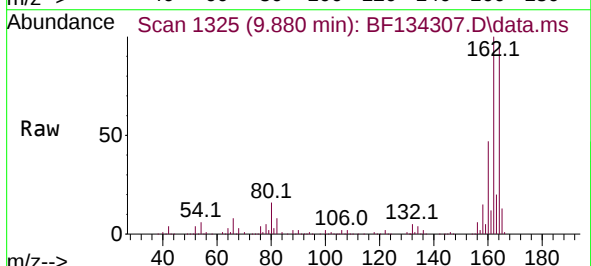
Ion Ratio Lower Upper

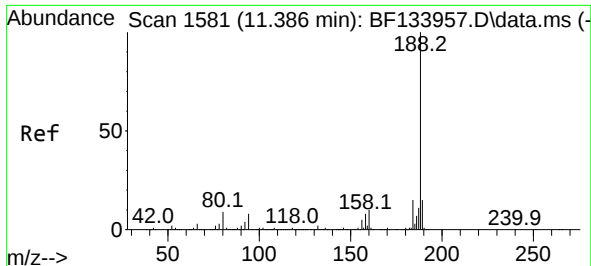
165 100

63 1.3 42.2 63.2#

89 1.3 57.4 86.2#

182 0.0 2.2 3.4#

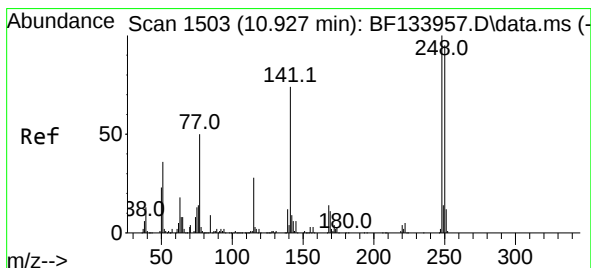
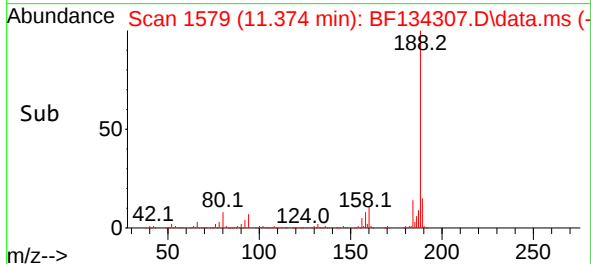
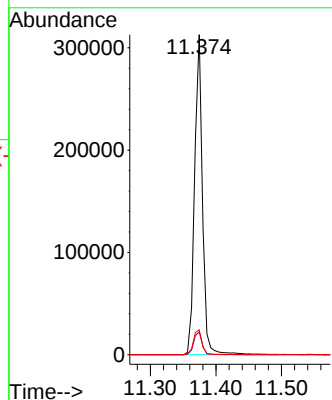
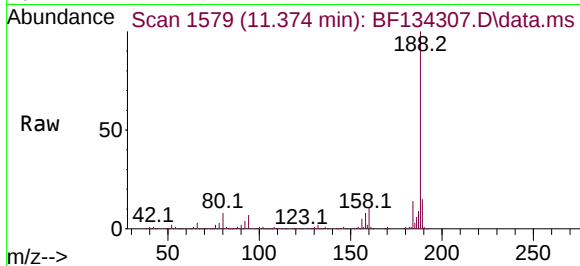




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

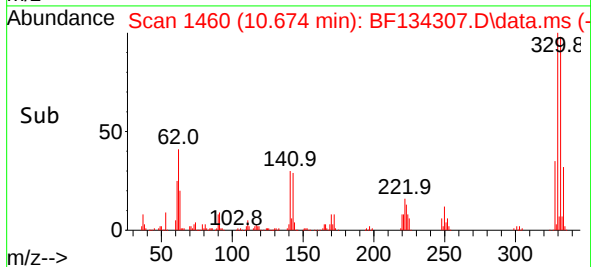
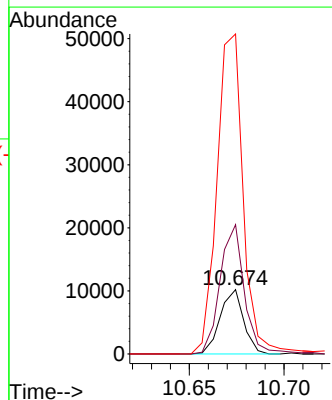
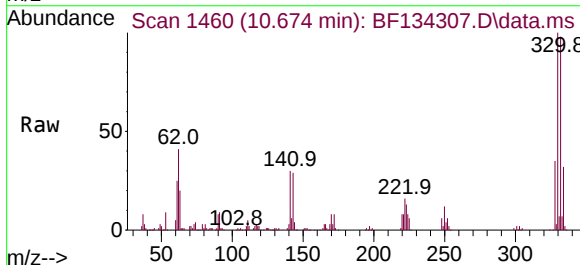
Instrument :
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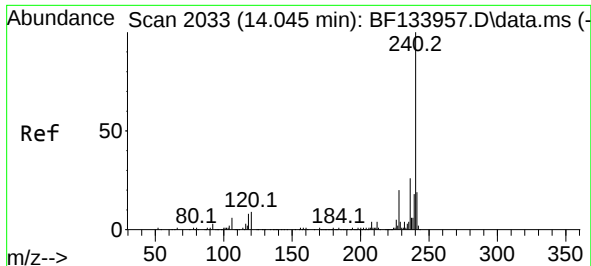
Tgt Ion:188 Resp: 261721
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 7.7 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.241 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

Tgt Ion:248 Resp: 8782
Ion Ratio Lower Upper
248 100
250 201.0 76.2 114.4#
141 497.2 59.0 88.4#

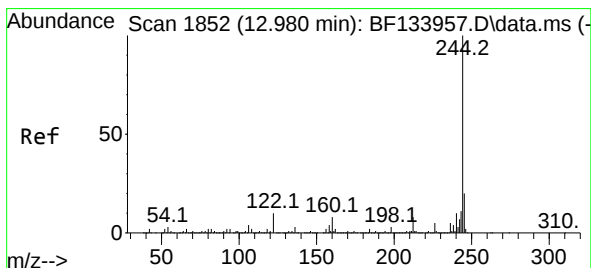
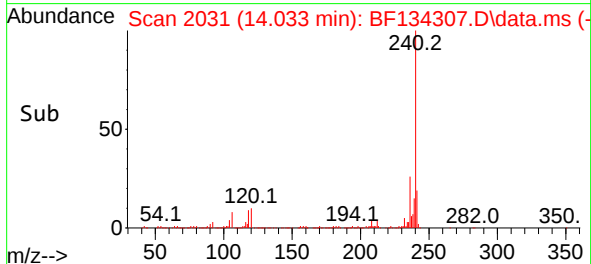
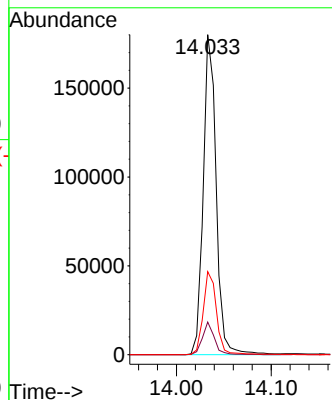
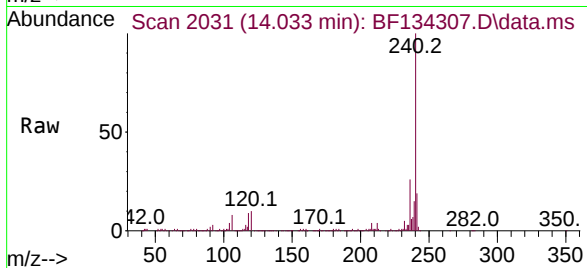




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

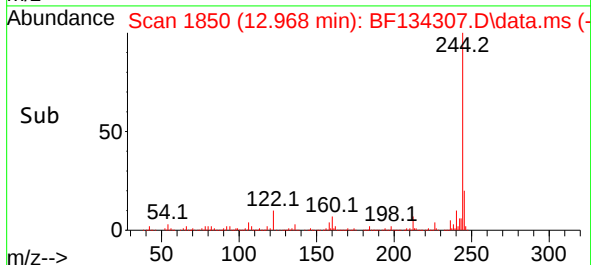
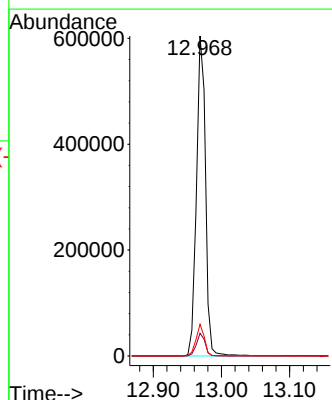
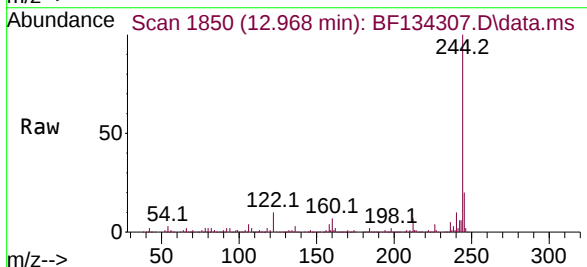
Instrument :
BNA_F
ClientSampleId :
RB-44-(0-2)

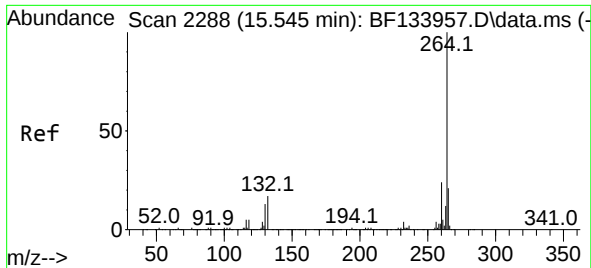
Tgt Ion:240 Resp: 170736
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 26.0 21.0 31.6



#79
Terphenyl-d14
Concen: 52.091 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134307.D
Acq: 15 Jul 2023 00:58

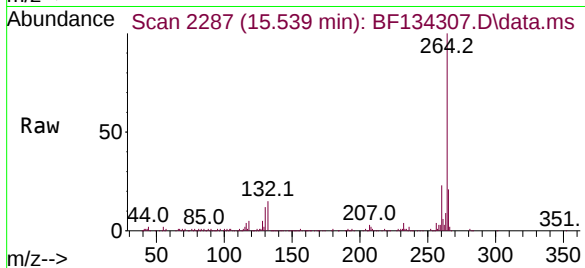
Tgt Ion:244 Resp: 552609
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134307.D
 Acq: 15 Jul 2023 00:58

Instrument :
 BNA_F
 ClientSampleId :
 RB-44-(0-2)



Tgt Ion:264 Resp: 139383
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.8 16.6 25.0

