

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134210.D
 Acq On : 11 Jul 2023 12:54
 Operator : CG\JU
 Sample : PB153930TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:03:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

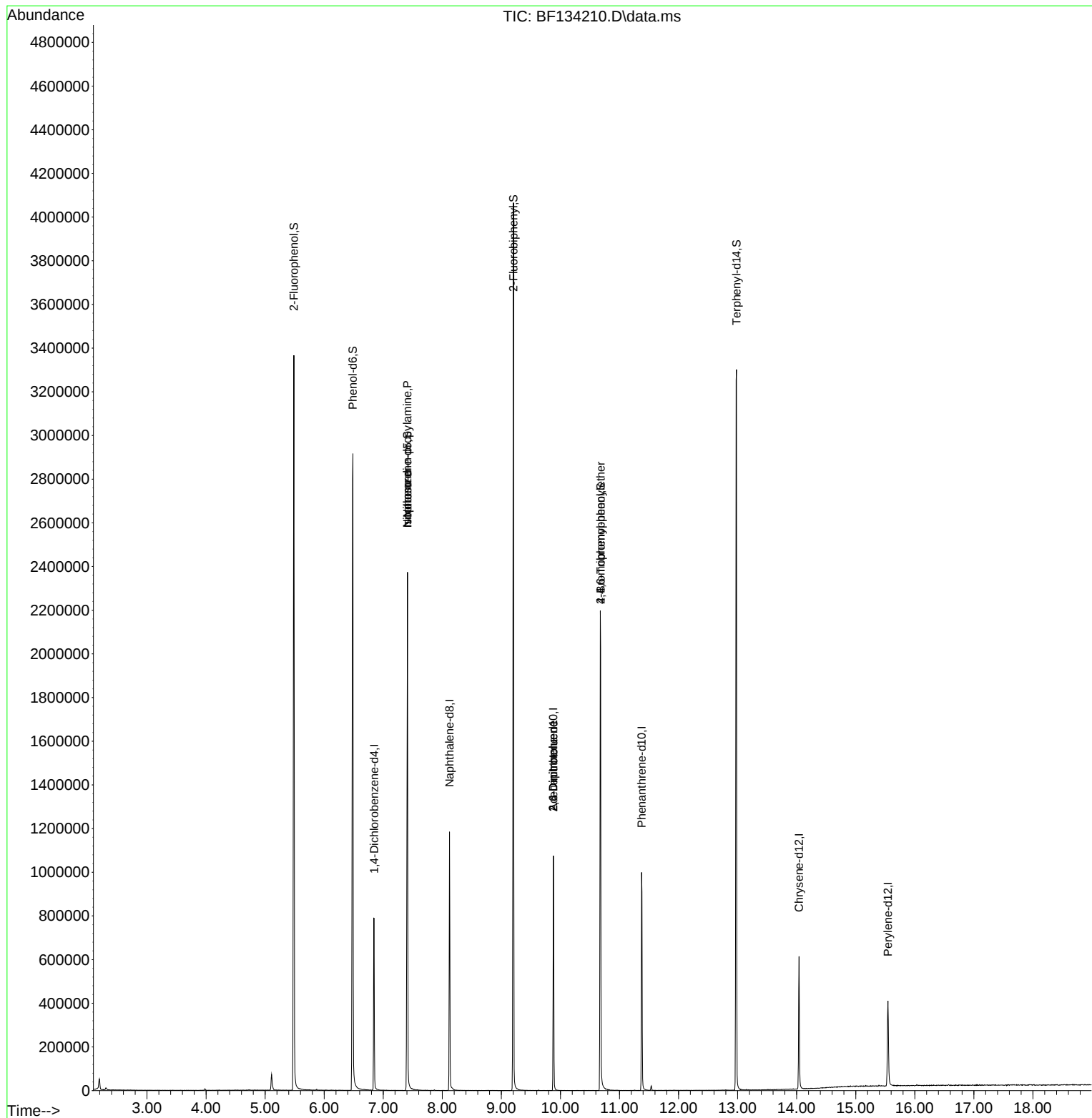
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	123979	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	495677	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	199959	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	400966	20.000	ng	0.00
76) Chrysene-d12	14.039	240	215890	20.000	ng	0.00
86) Perylene-d12	15.545	264	208363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	916658	123.679	ng	0.01
7) Phenol-d6	6.486	99	1075011	117.941	ng	0.00
23) Nitrobenzene-d5	7.410	82	726470	79.004	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	304578	121.487	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1175463	85.467	ng	0.00
79) Terphenyl-d14	12.980	244	1278142	95.283	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1983	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	100262	17.345	ng	# 76
25) Isophorone	7.410	82	726464	43.470	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	25472	8.148	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	25472	6.170	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	17611	4.132	ng	# 1

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

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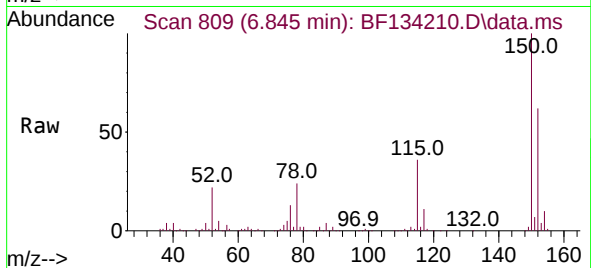
Quant Time: Jul 12 01:03:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
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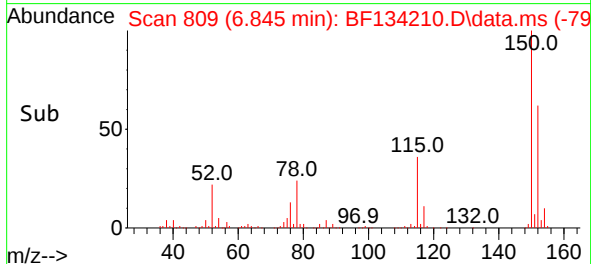
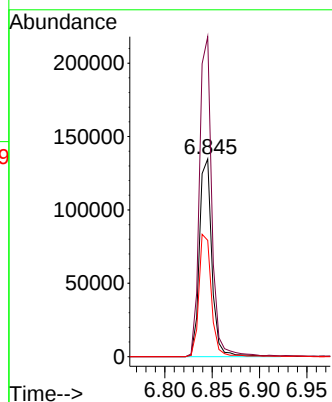


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :

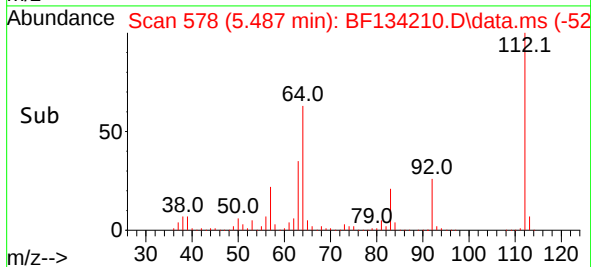
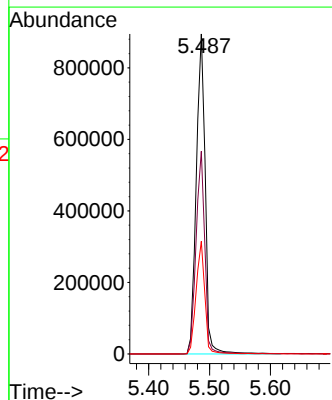
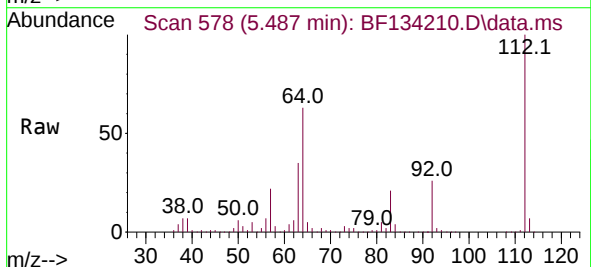


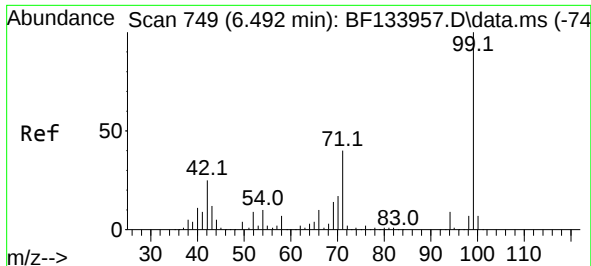
Tgt Ion:152 Resp: 123979
Ion Ratio Lower Upper
152 100
150 161.8 124.5 186.7
115 58.8 50.2 75.2



#5
2-Fluorophenol
Concen: 123.679 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

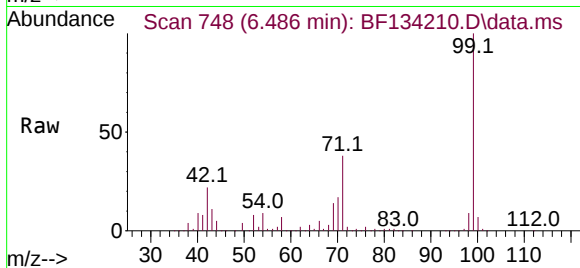
Tgt Ion:112 Resp: 916658
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 35.2 28.6 42.8



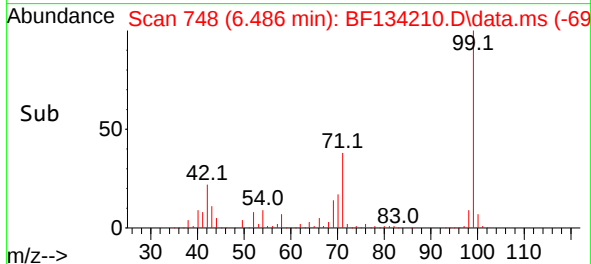
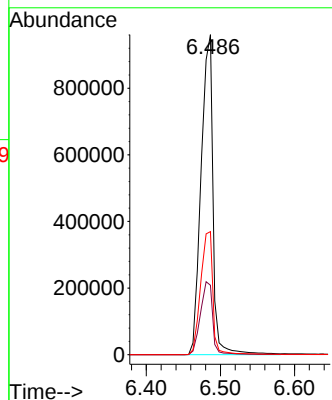


#7
Phenol-d6
Concen: 117.941 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :

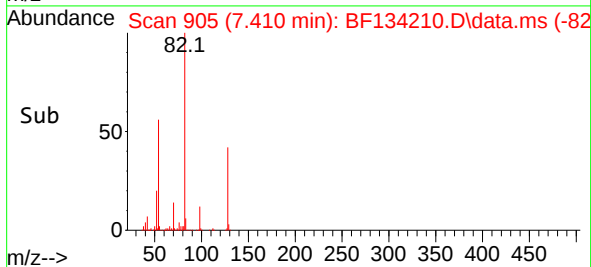
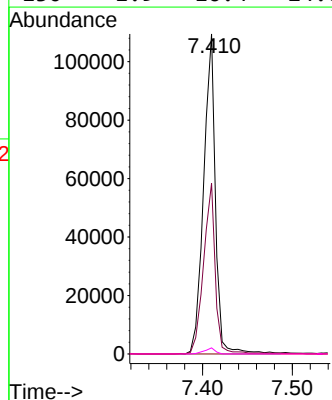
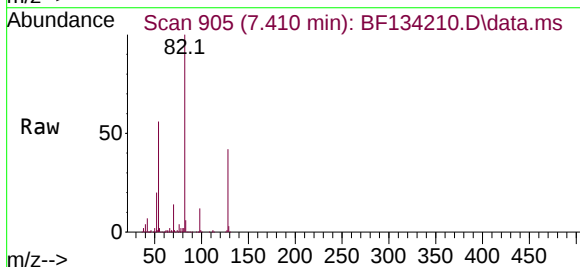


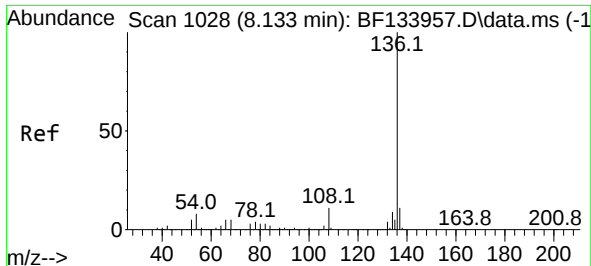
Tgt Ion: 99 Resp: 1075011
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.6
71 38.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.345 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

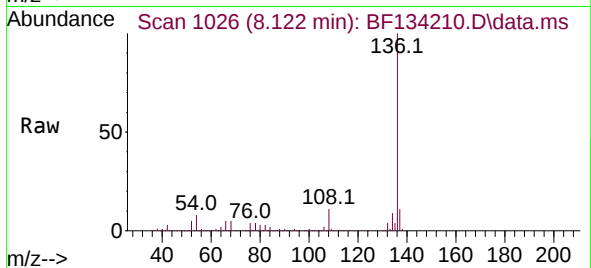
Tgt Ion: 70 Resp: 100262
Ion Ratio Lower Upper
70 100
42 53.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



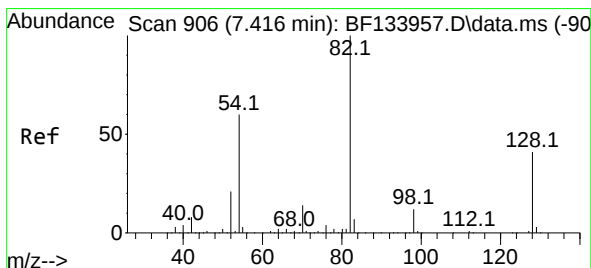
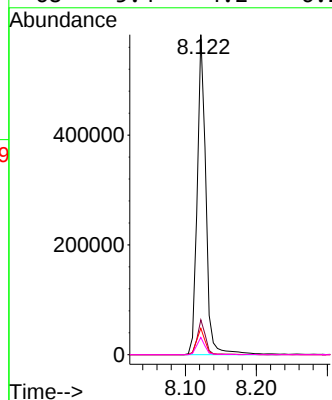
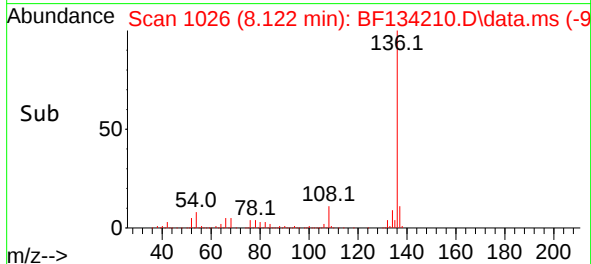


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :

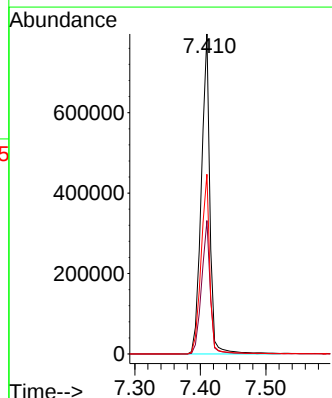
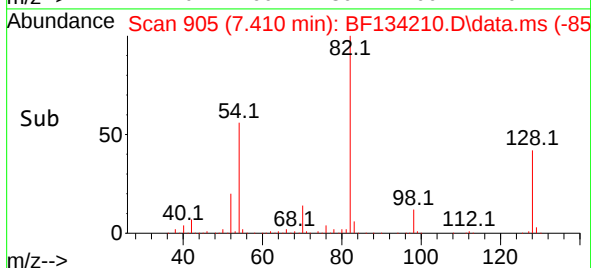
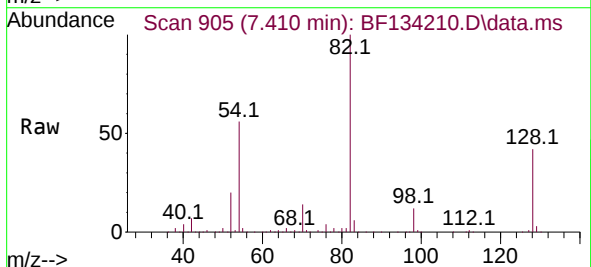


Tgt Ion:136 Resp: 495677
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.3 6.5 9.7
68 5.4 4.2 6.2



#23
Nitrobenzene-d5
Concen: 79.004 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

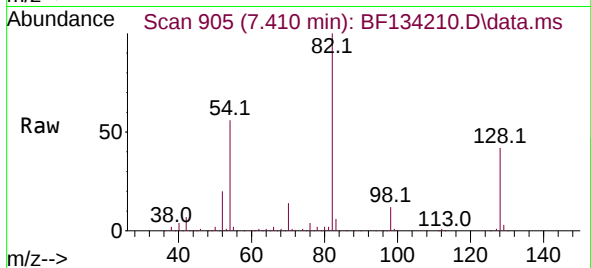
Tgt Ion: 82 Resp: 726470
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 56.1 48.2 72.2



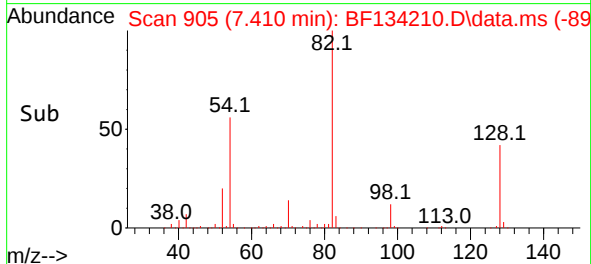
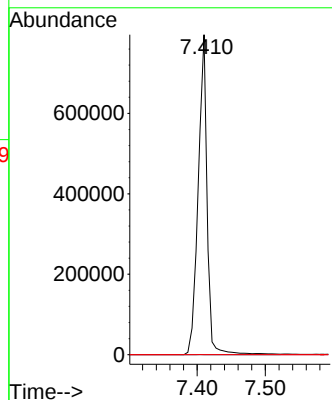


#25
Isophorone
Concen: 43.470 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :

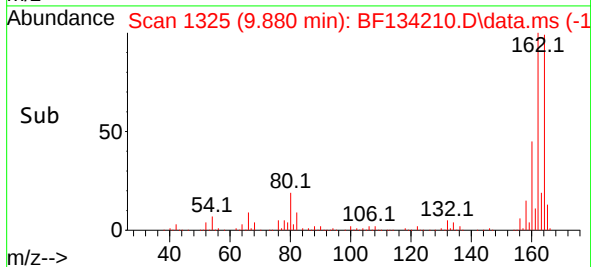
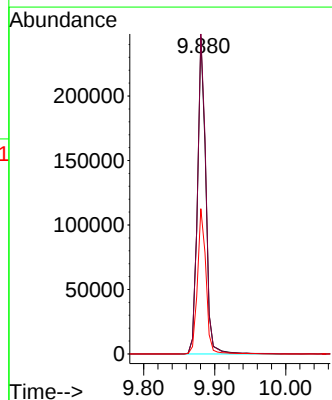
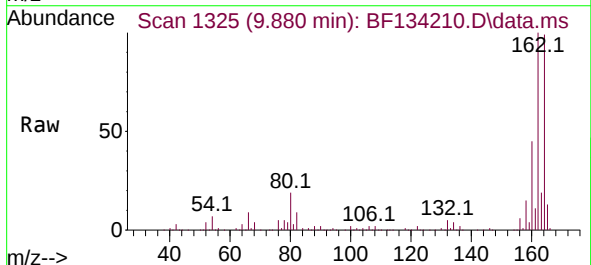


Tgt Ion: 82 Resp: 726464
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

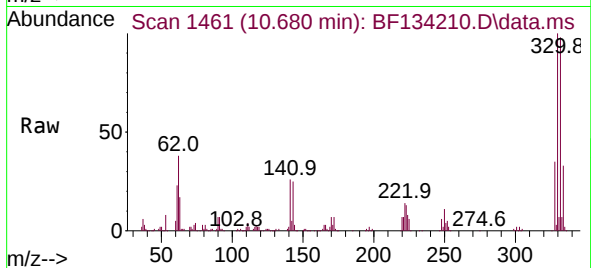
Tgt Ion:164 Resp: 199959
Ion Ratio Lower Upper
164 100
162 101.0 80.0 120.0
160 45.9 35.9 53.9



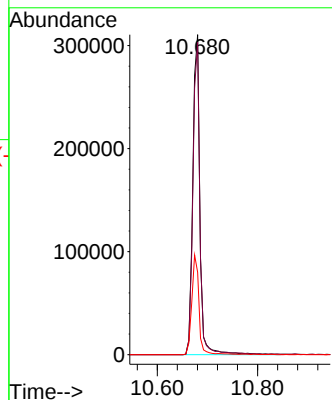
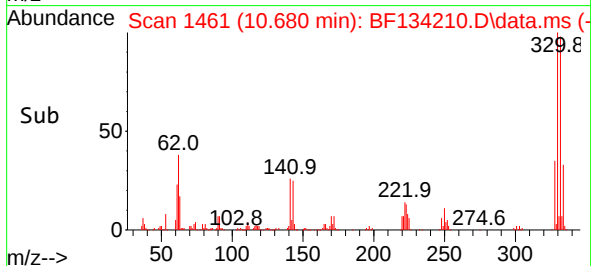


#42
2,4,6-Tribromophenol
Concen: 121.487 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

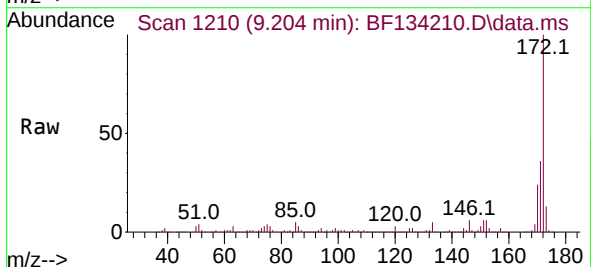
Instrument :
BNA_F
ClientSampleId :



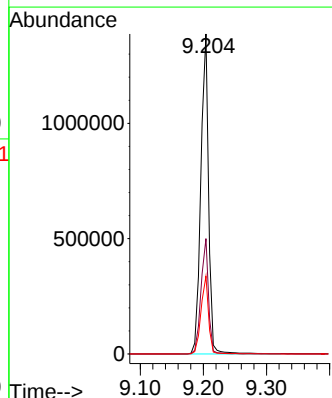
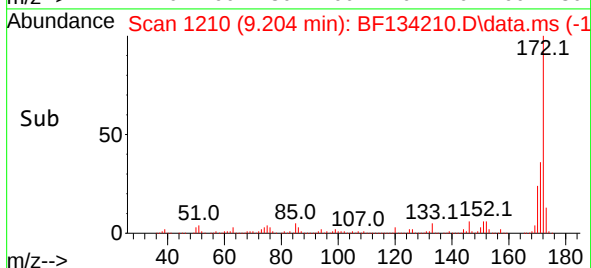
Tgt Ion: 330 Resp: 304578
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.467 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54



Tgt Ion: 172 Resp: 1175463
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.148 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134210.D

Acq: 11 Jul 2023 12:54

Instrument :

BNA_F

ClientSampleId :

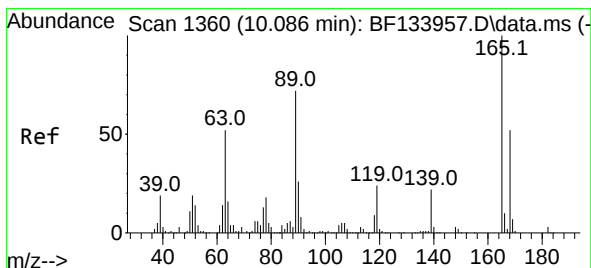
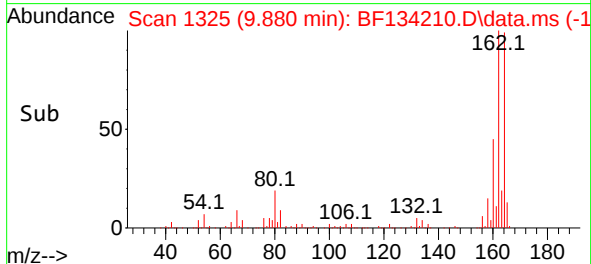
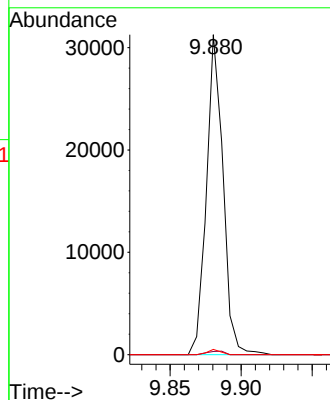
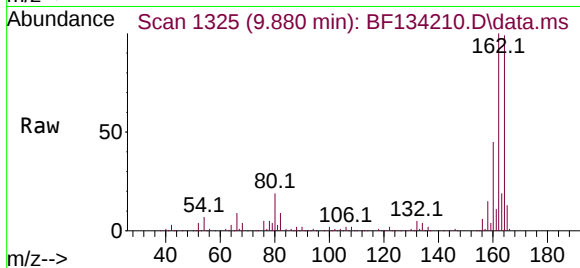
Tgt Ion:165 Resp: 25472

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.7 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.170 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134210.D

Acq: 11 Jul 2023 12:54

Tgt Ion:165 Resp: 25472

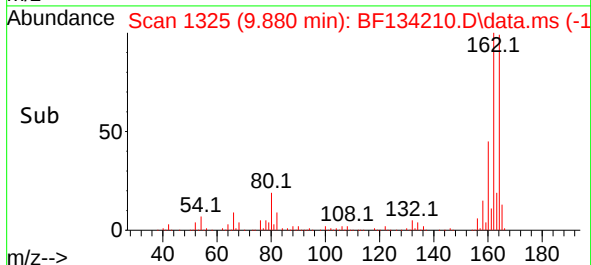
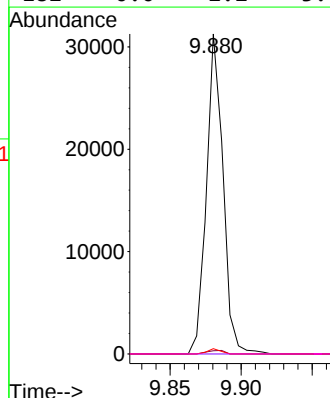
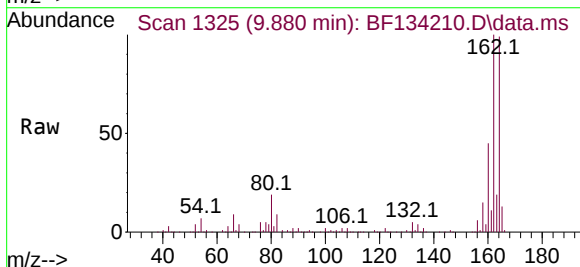
Ion Ratio Lower Upper

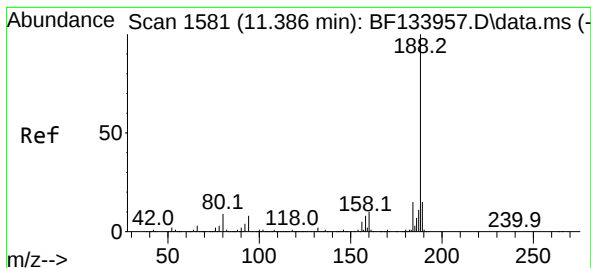
165 100

63 1.0 42.2 63.2#

89 1.7 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134210.D

Acq: 11 Jul 2023 12:54

Instrument :

BNA_F

ClientSampleId :

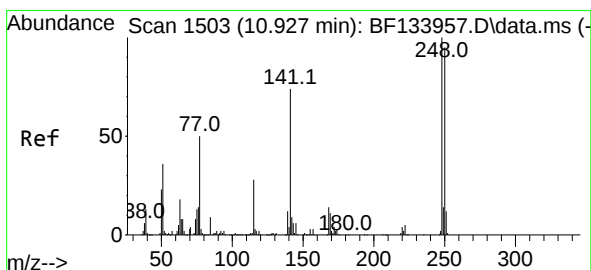
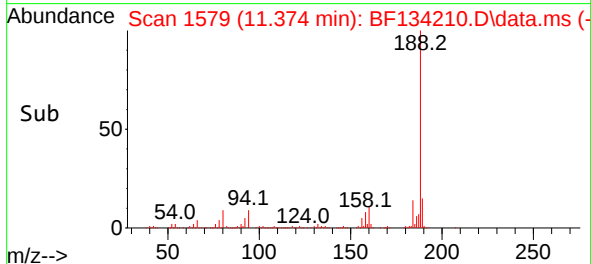
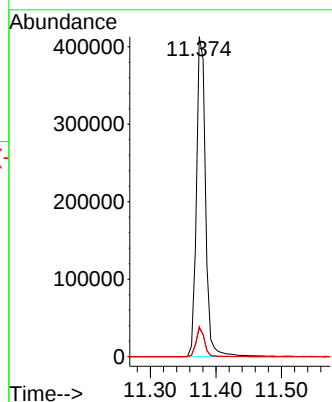
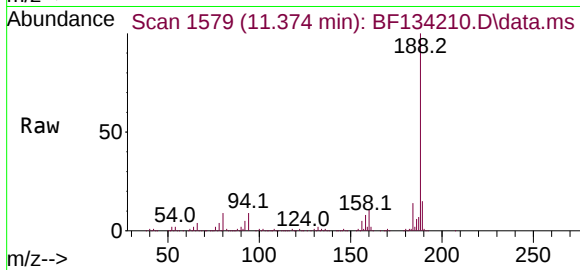
Tgt Ion:188 Resp: 400966

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.132 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.241 min

Lab File: BF134210.D

Acq: 11 Jul 2023 12:54

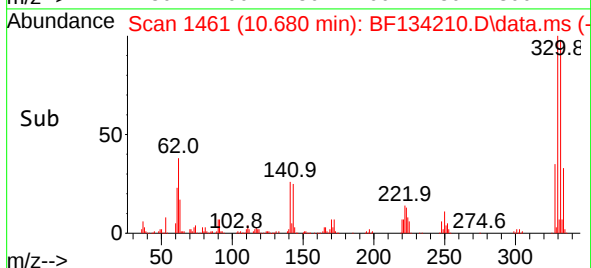
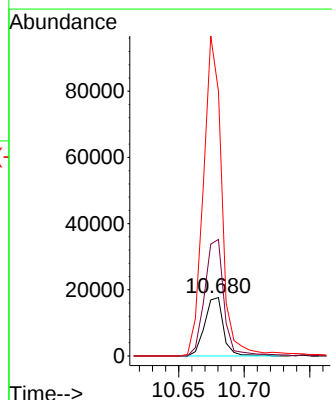
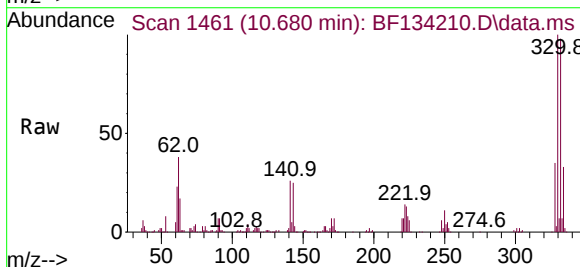
Tgt Ion:248 Resp: 17611

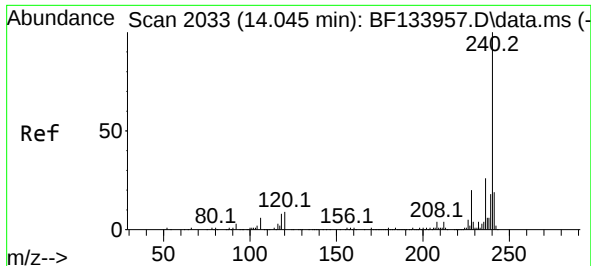
Ion Ratio Lower Upper

248 100

250 199.2 76.2 114.4#

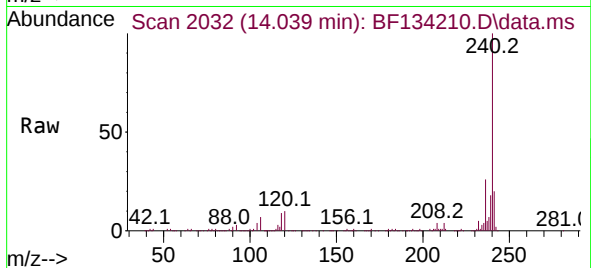
141 453.1 59.0 88.4#



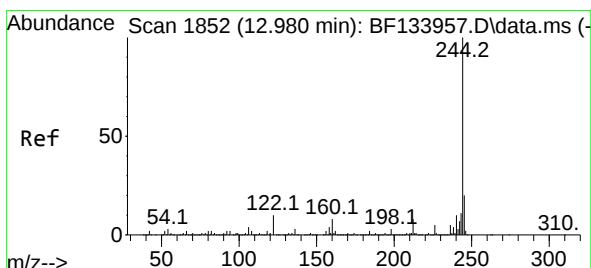
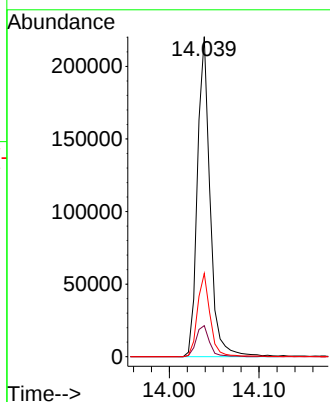
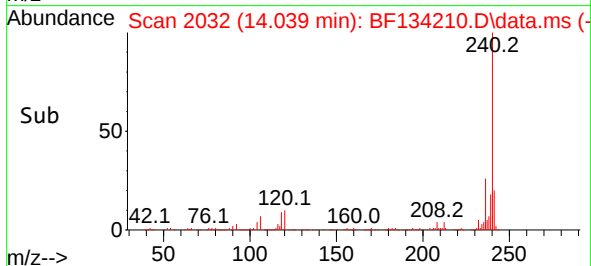


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

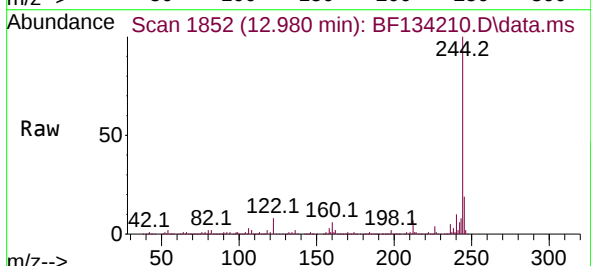
Instrument :
BNA_F
ClientSampleId :



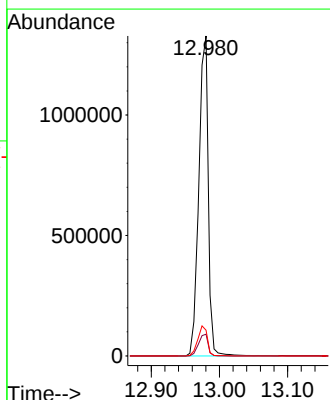
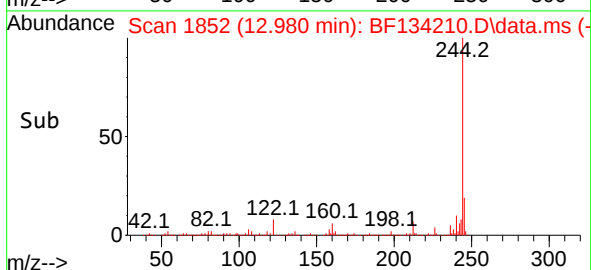
Tgt Ion:240 Resp: 215890
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.0 21.0 31.6

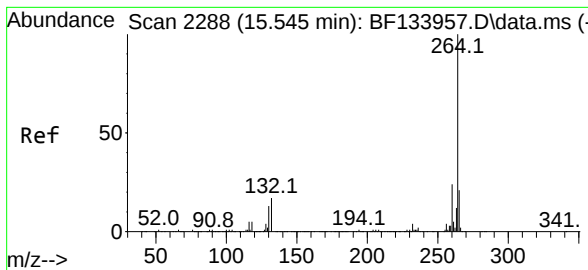


#79
Terphenyl-d14
Concen: 95.283 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54



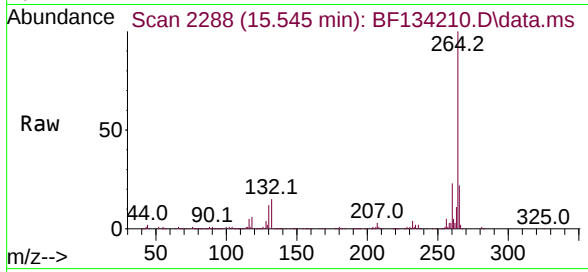
Tgt Ion:244 Resp: 1278142
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.0 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134210.D
Acq: 11 Jul 2023 12:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 208363

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.5	16.6	25.0

