

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134144.D
 Acq On : 08 Jul 2023 12:37
 Operator : CG\JU
 Sample : PB153791BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:35:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

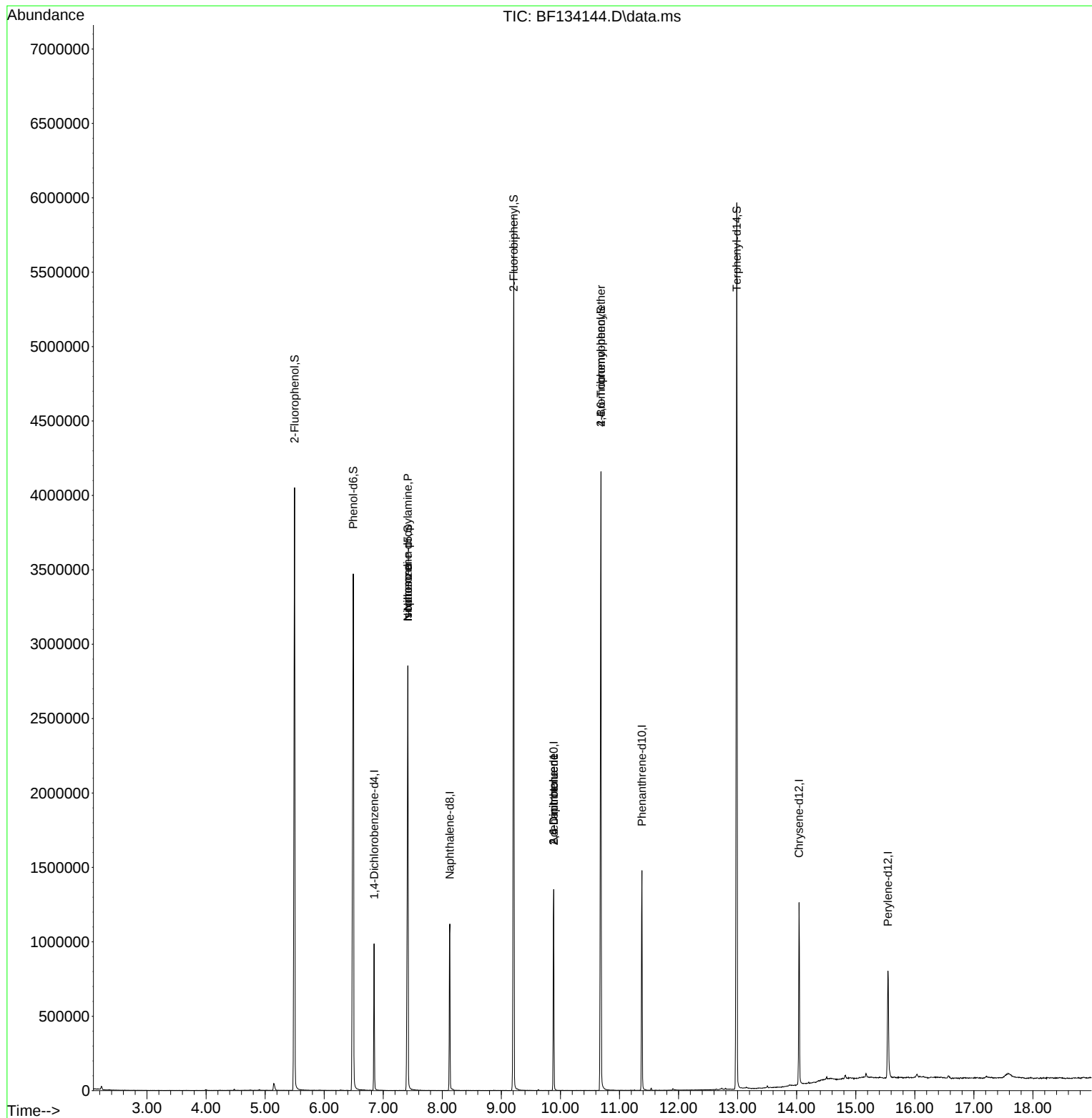
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	128888	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	507626	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	269067	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	544171	20.000	ng	0.00
76) Chrysene-d12	14.039	240	418372	20.000	ng	-0.01
86) Perylene-d12	15.545	264	376305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1242833	161.301	ng	0.01
7) Phenol-d6	6.492	99	1504067	158.729	ng	0.00
23) Nitrobenzene-d5	7.416	82	1046325	111.110	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	583926	173.089	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1895802	102.439	ng	0.00
79) Terphenyl-d14	12.986	244	2585548	99.462	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	2899	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	149765	24.923	ng	# 77
25) Isophorone	7.416	82	1041962	60.881	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	35436	8.424	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	35436	6.378	ng	# 22
67) 4-Bromophenyl-phenylether	10.686	248	34177	5.909	ng	# 1

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

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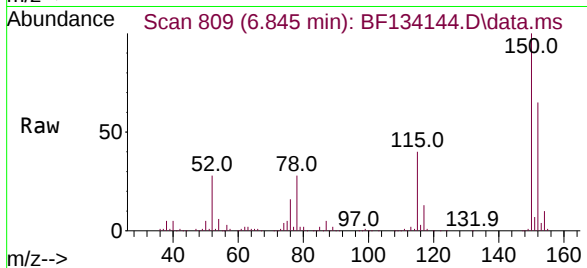
Quant Time: Jul 09 00:35:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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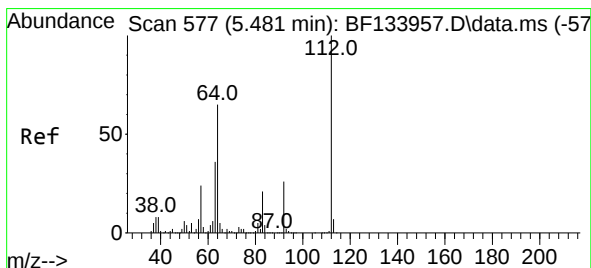
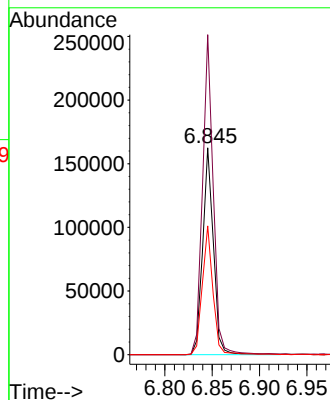
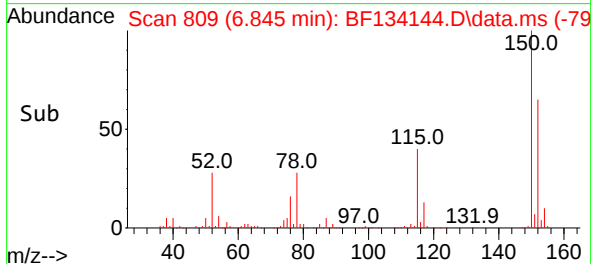


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :

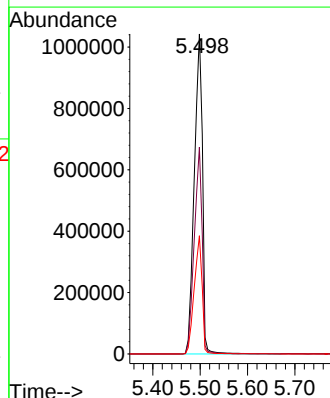
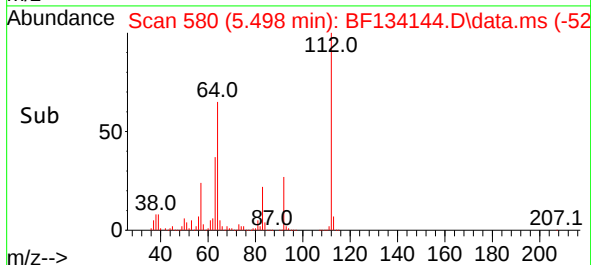
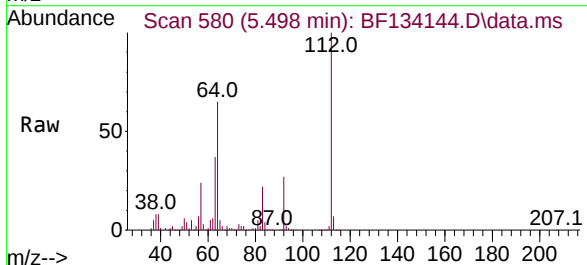


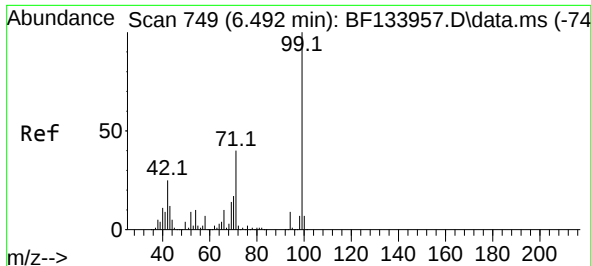
Tgt Ion:152 Resp: 128888
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 62.3 50.2 75.2



#5
2-Fluorophenol
Concen: 161.301 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

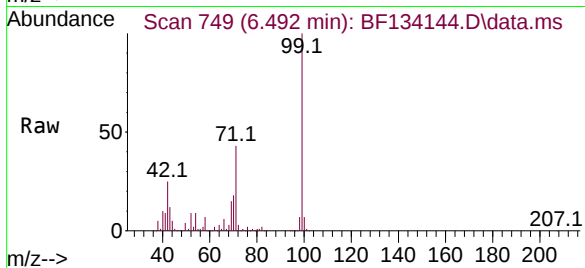
Tgt Ion:112 Resp: 1242833
Ion Ratio Lower Upper
112 100
64 64.6 52.1 78.1
63 37.0 28.6 42.8





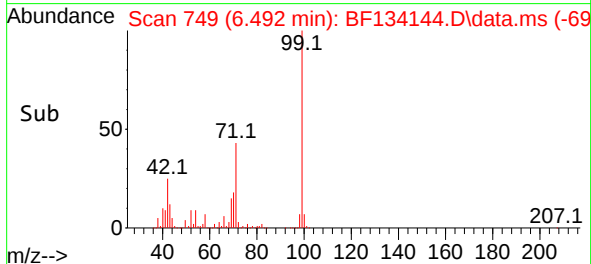
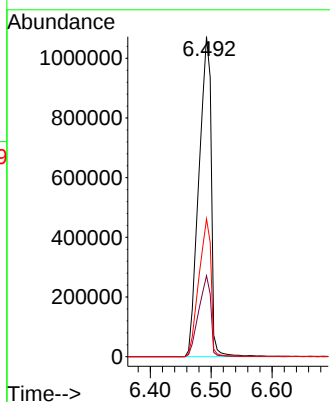
#7
Phenol-d6
Concen: 158.729 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1504067

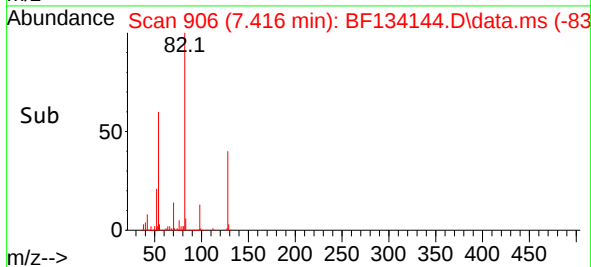
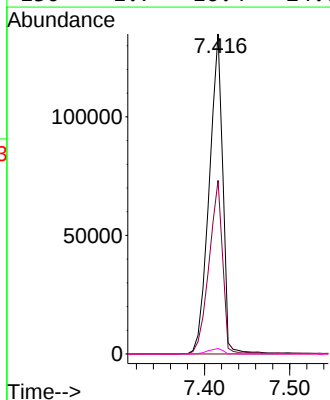
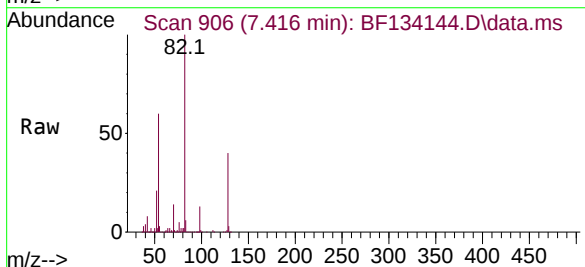
Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.6
71	43.1	31.9	47.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.923 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Tgt Ion: 70 Resp: 149765

Ion	Ratio	Lower	Upper
70	100		
42	54.2	54.7	82.1#
101	0.0	7.7	11.5#
130	1.7	16.4	24.6#



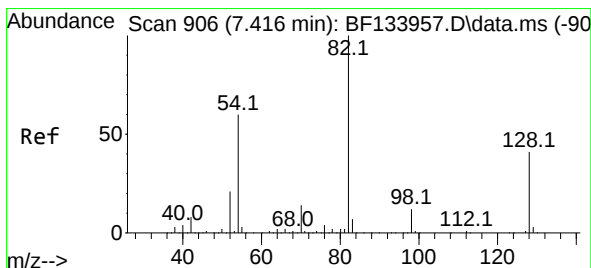
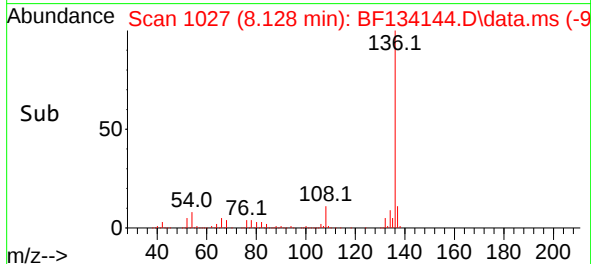
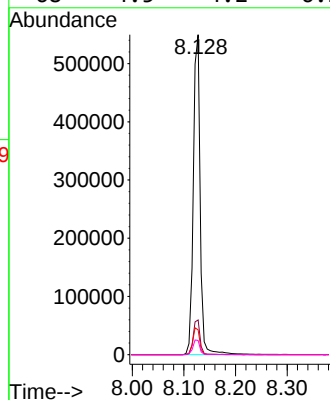
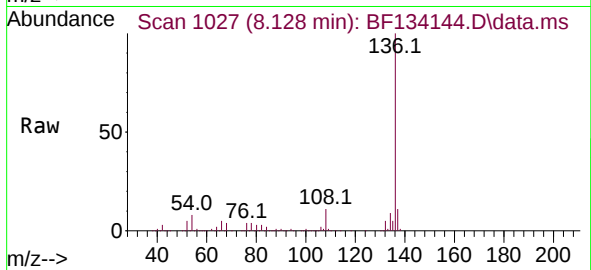


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 507626

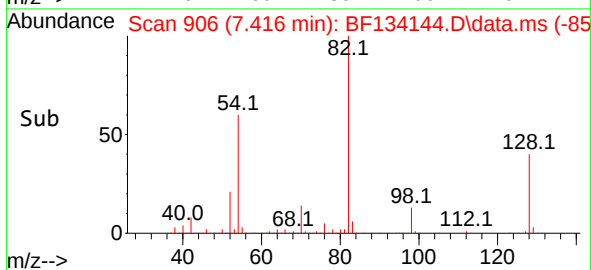
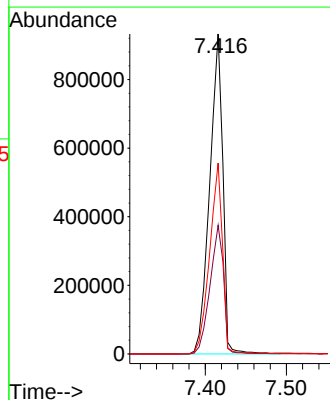
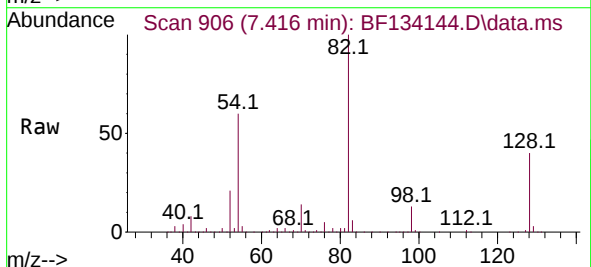
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	6.5	9.7
68	4.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 111.110 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Tgt Ion: 82 Resp: 1046325

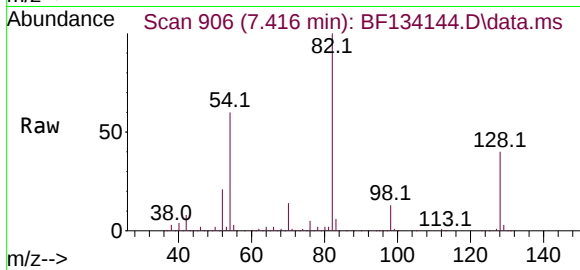
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.5	48.7
54	59.6	48.2	72.2



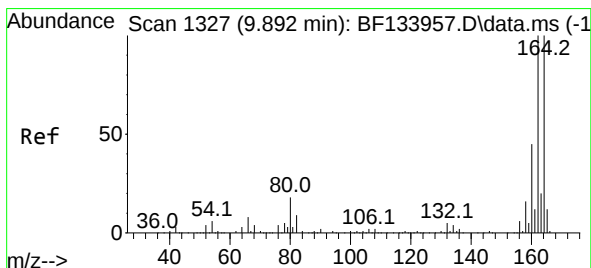
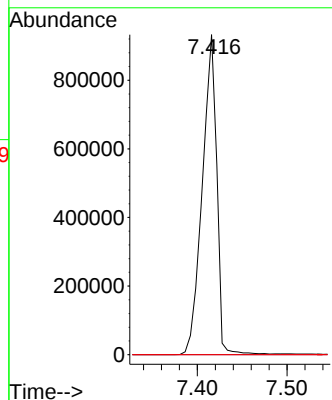
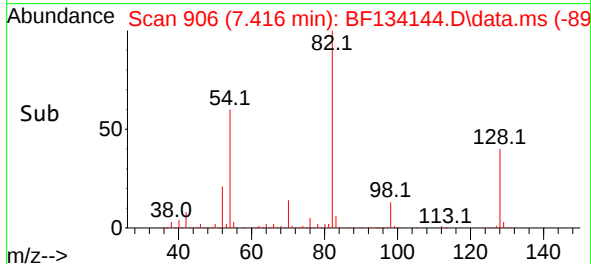


#25
Isophorone
Concen: 60.881 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :

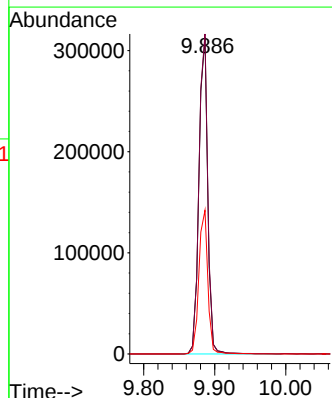
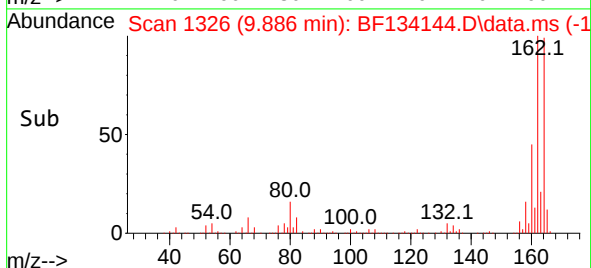
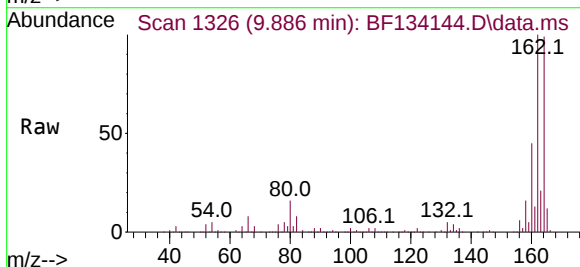


Tgt Ion: 82 Resp: 1041962
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Tgt Ion:164 Resp: 269067
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 173.089 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.000 min

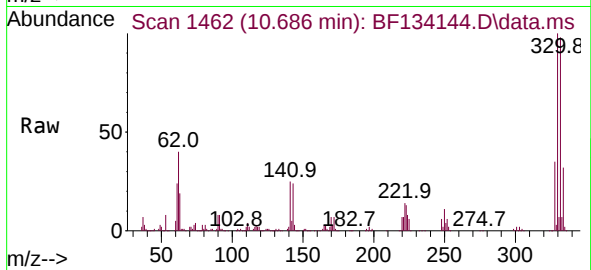
Lab File: BF134144.D

Acq: 08 Jul 2023 12:37

Instrument :

BNA_F

ClientSampleId :



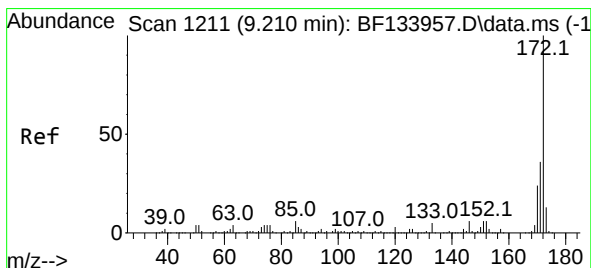
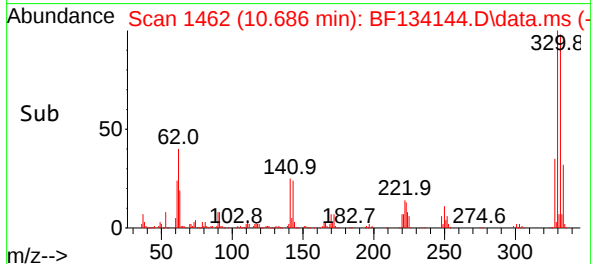
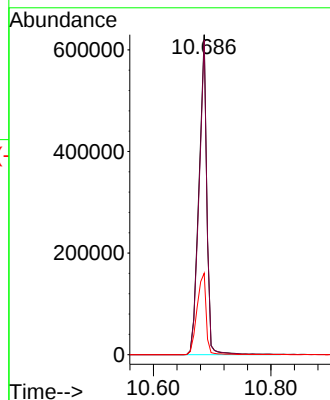
Tgt Ion:330 Resp: 583926

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 29.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 102.439 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134144.D

Acq: 08 Jul 2023 12:37

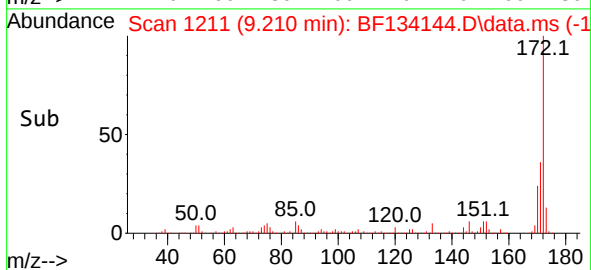
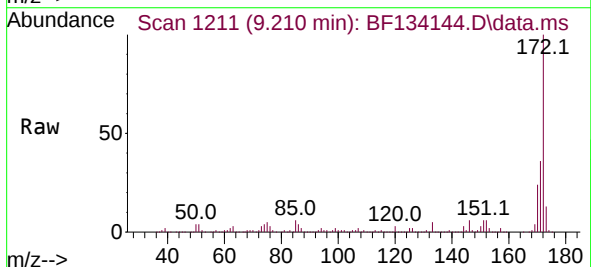
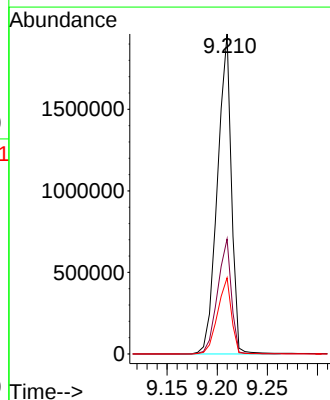
Tgt Ion:172 Resp: 1895802

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

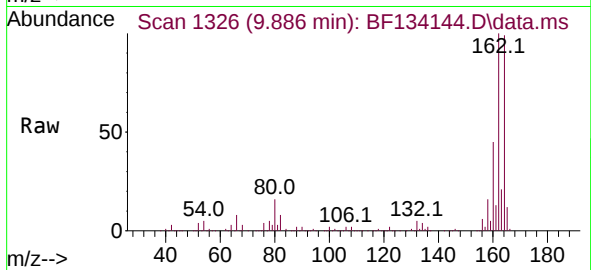
170 23.8 19.4 29.0



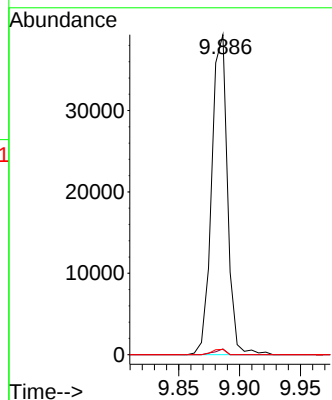
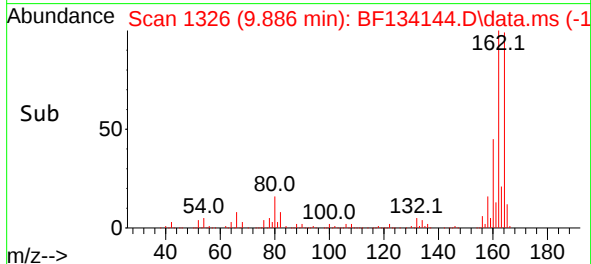


#51
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :

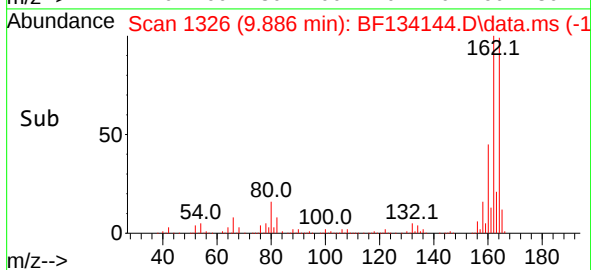
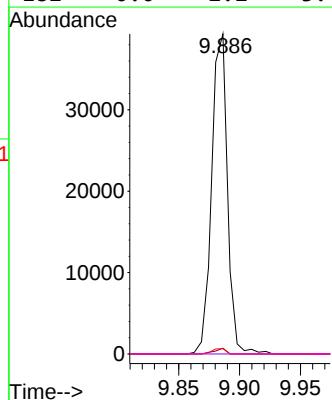
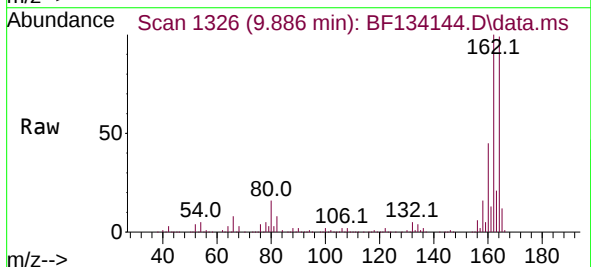


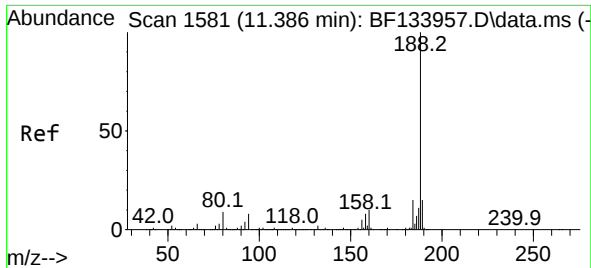
Tgt Ion:165 Resp: 35436
Ion Ratio Lower Upper
165 100
63 1.8 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Tgt Ion:165 Resp: 35436
Ion Ratio Lower Upper
165 100
63 1.8 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#

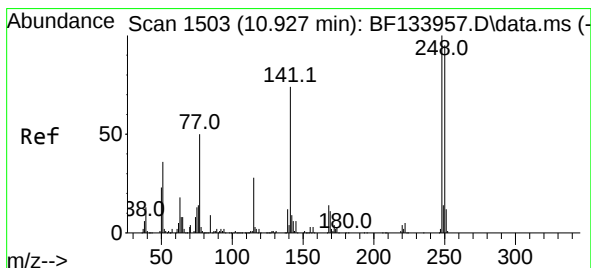
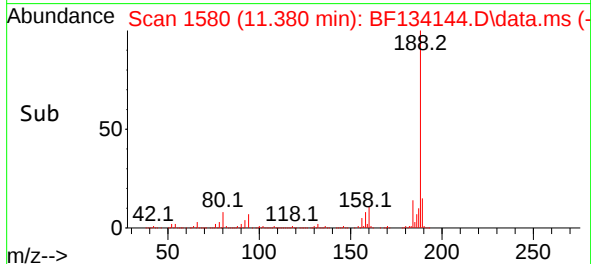
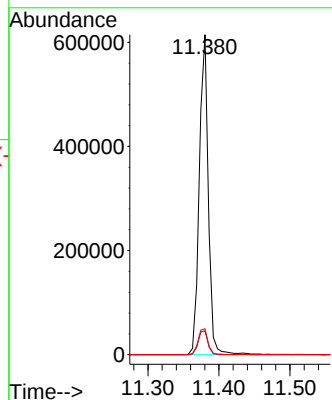
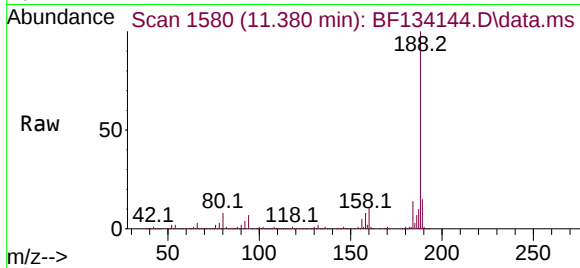




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

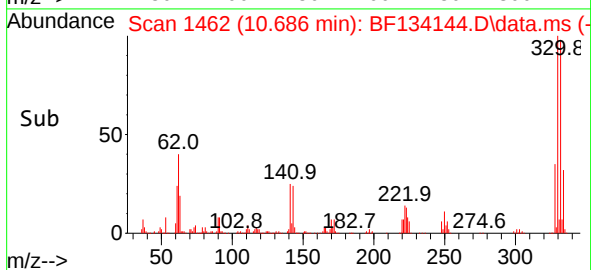
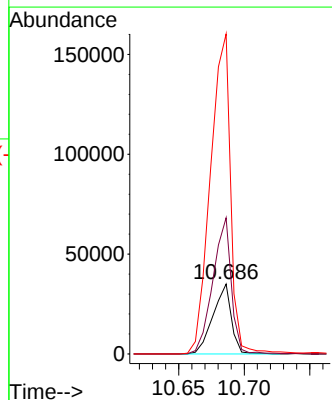
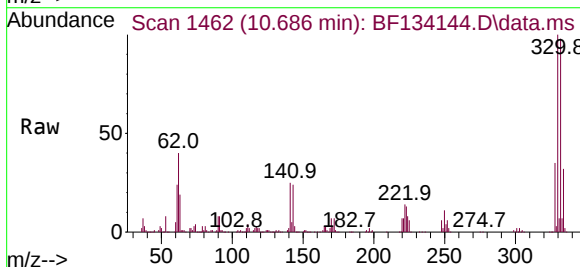
Instrument :
BNA_F
ClientSampleId :

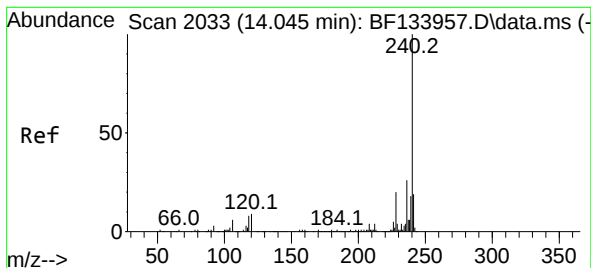
Tgt Ion:188 Resp: 544171
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.1 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.909 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Tgt Ion:248 Resp: 34177
Ion Ratio Lower Upper
248 100
250 194.8 76.2 114.4#
141 457.9 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134144.D

Acq: 08 Jul 2023 12:37

Instrument :

BNA_F

ClientSampleId :

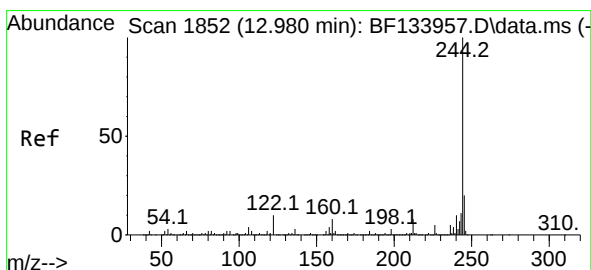
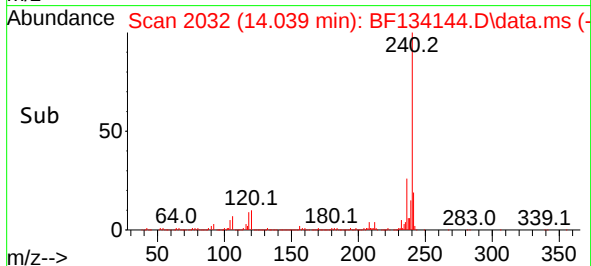
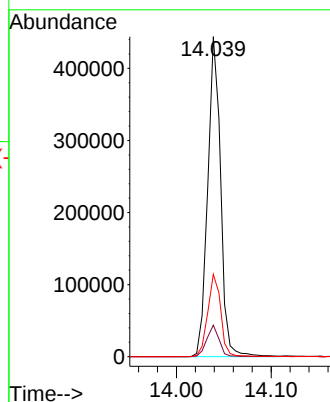
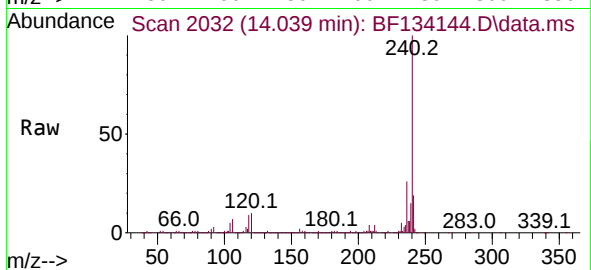
Tgt Ion:240 Resp: 418372

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 25.7 21.0 31.6



#79

Terphenyl-d14

Concen: 99.462 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF134144.D

Acq: 08 Jul 2023 12:37

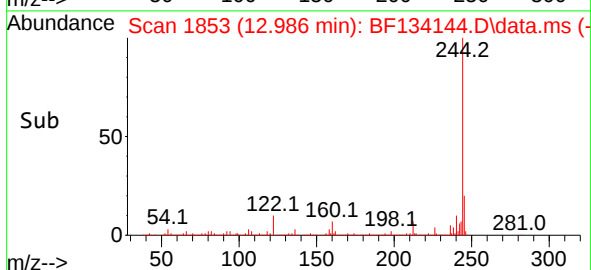
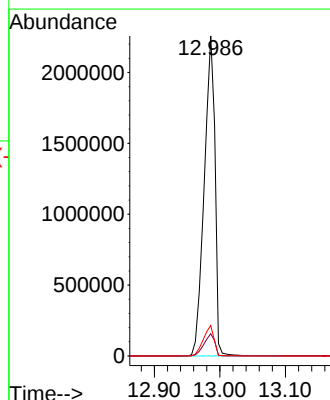
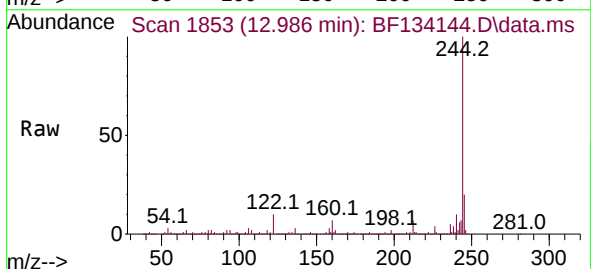
Tgt Ion:244 Resp: 2585548

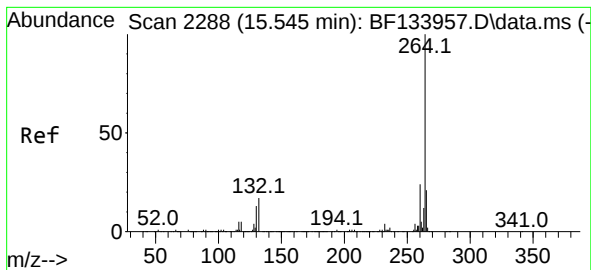
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

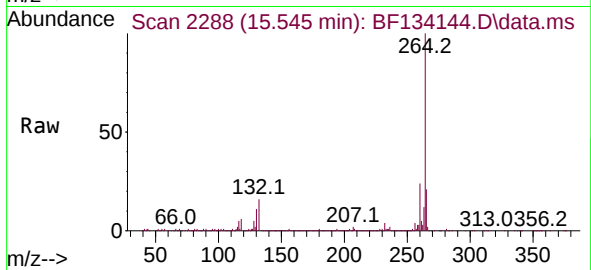
122 9.5 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134144.D
Acq: 08 Jul 2023 12:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 376305
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.3 16.6 25.0

