

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141039.D
 Acq On : 30 Dec 2024 18:58
 Operator : RC/JU
 Sample : P5386-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00398

Quant Time: Dec 31 00:15:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

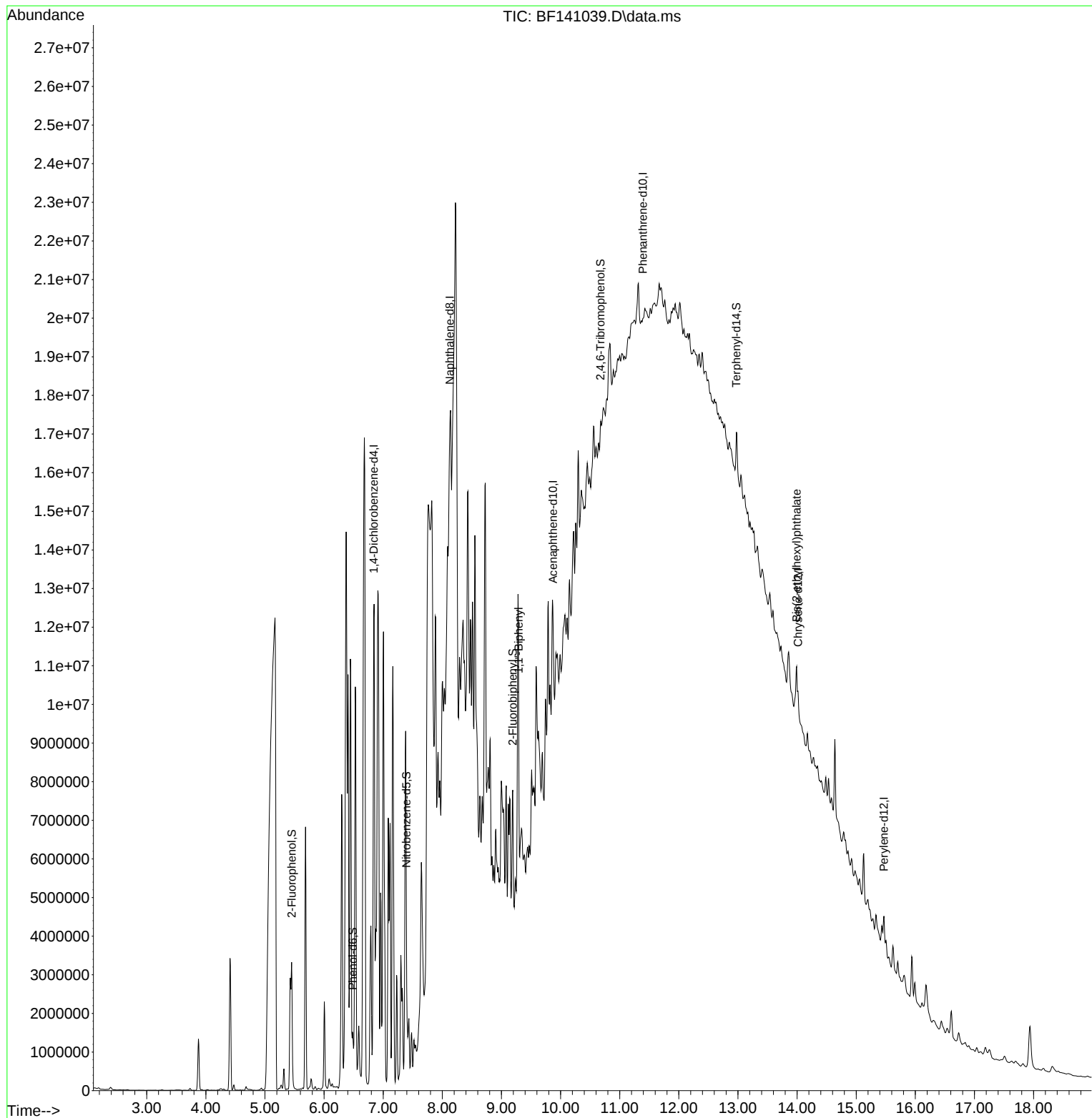
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	150094	20.000	ng	0.01
21) Naphthalene-d8	8.128	136	341017	20.000	ng	# 0.02
39) Acenaphthene-d10	9.874	164	268521	20.000	ng	0.01
64) Phenanthrene-d10	11.392	188	242952	20.000	ng	# 0.05
76) Chrysene-d12	14.015	240	409834	20.000	ng	# 0.03
86) Perylene-d12	15.468	264	512914	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1118300	112.310	ng	0.02
7) Phenol-d6	6.486	99	1374643	107.167	ng	0.04
23) Nitrobenzene-d5	7.392	82	776536	145.685	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	253436	97.130	ng	0.02
45) 2-Fluorobiphenyl	9.192	172	1228849	72.912	ng	0.00
79) Terphenyl-d14	12.974	244	1034327	41.920	ng	0.04
Target Compounds						
46) 1,1'-Biphenyl	9.292	154	64864	3.155	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	696630	41.033	ng	# 94

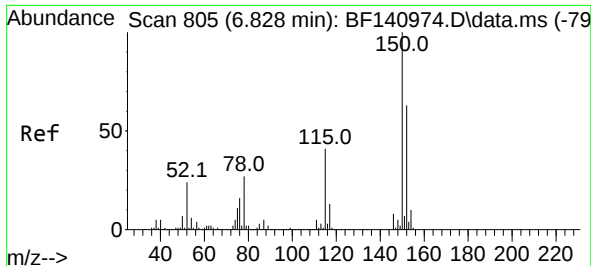
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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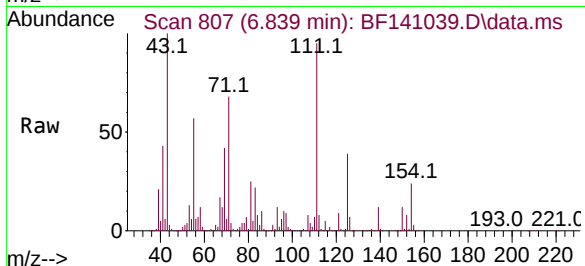
Quant Time: Dec 31 00:15:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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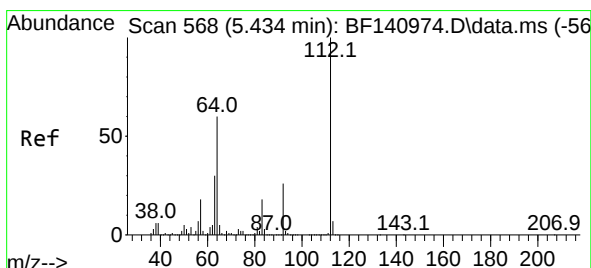
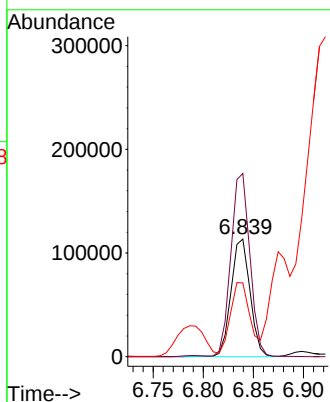
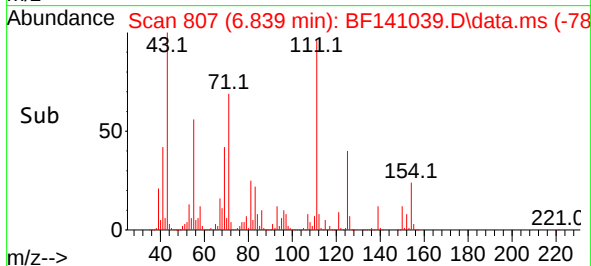


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 805
Delta R.T. 0.011 min
Lab File: BF141039.D
Acq: 30 Dec 2024 18:58

Instrument :
BNA_F
ClientSampleId :
MOO-24-00398

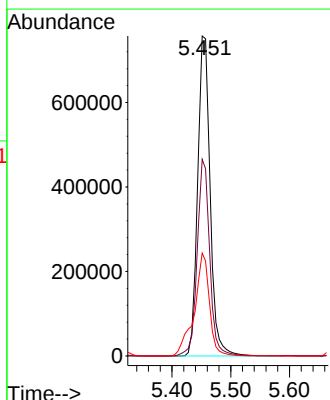
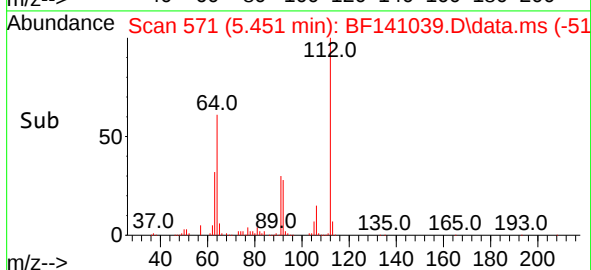
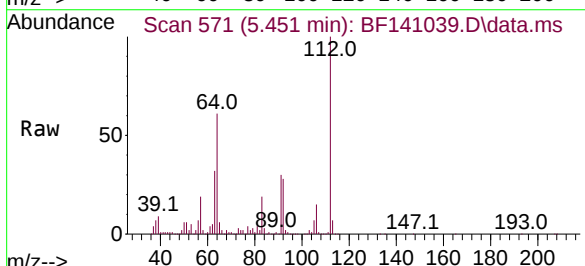


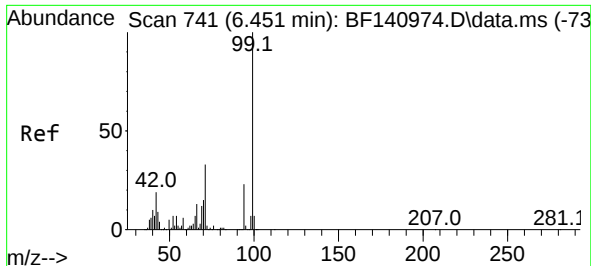
Tgt Ion:152 Resp: 150094
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 62.7 51.7 77.5



#5
2-Fluorophenol
Concen: 112.310 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141039.D
Acq: 30 Dec 2024 18:58

Tgt Ion:112 Resp: 1118300
Ion Ratio Lower Upper
112 100
64 61.5 47.7 71.5
63 32.1 24.2 36.2





#7

Phenol-d6

Concen: 107.167 ng

RT: 6.486 min Scan# 741

Delta R.T. 0.035 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

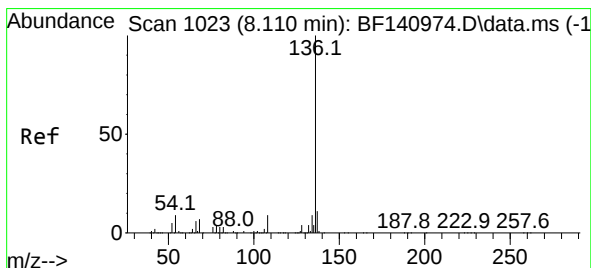
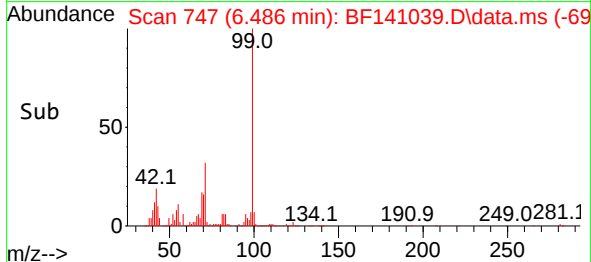
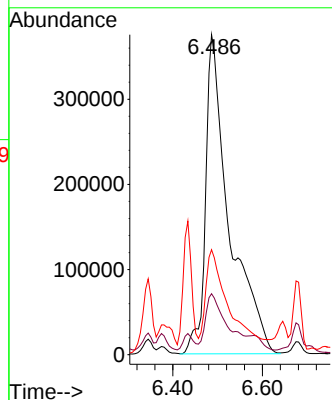
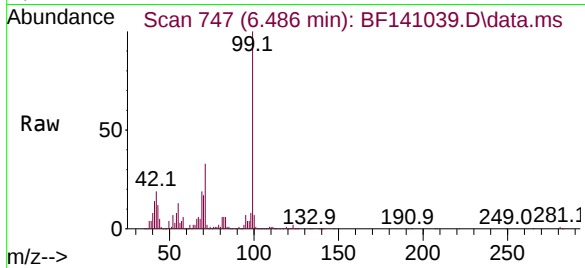
BNA_F

ClientSampleId :

MOO-24-00398

Tgt Ion: 99 Resp: 1374643

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	32.8	26.2	39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

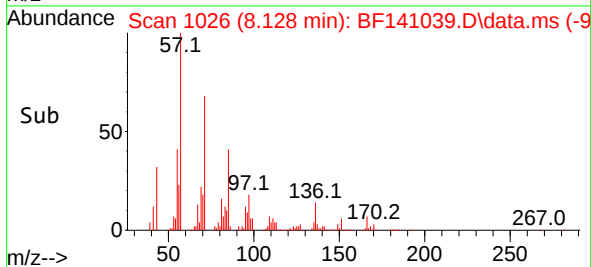
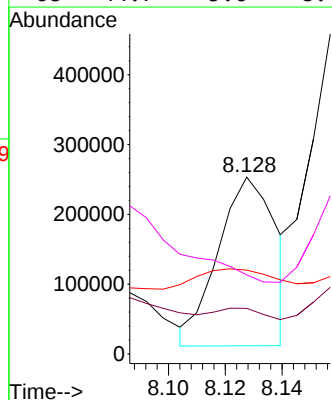
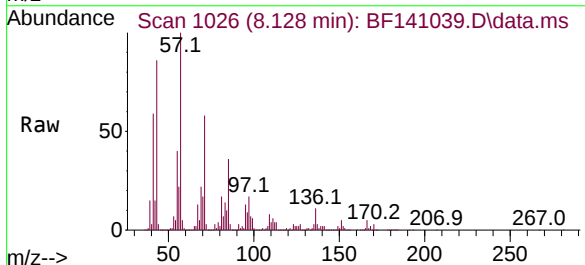
Delta R.T. 0.017 min

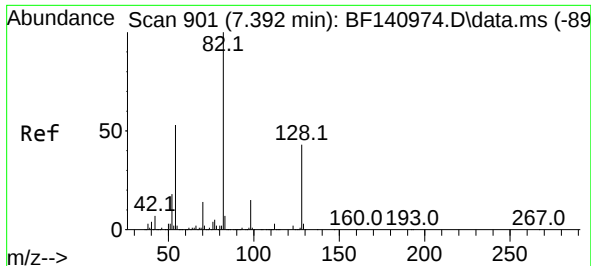
Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion: 136 Resp: 341017

Ion	Ratio	Lower	Upper
136	100		
137	25.8	9.0	13.4#
54	47.4	7.6	11.4#
68	44.7	5.6	8.4#





#23

Nitrobenzene-d5

Concen: 145.685 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

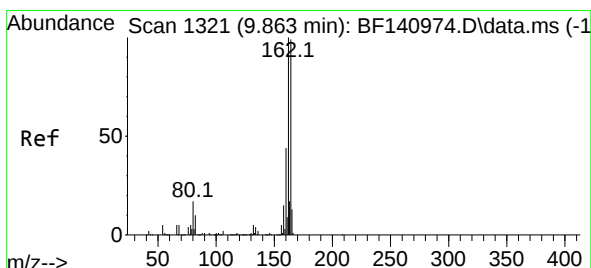
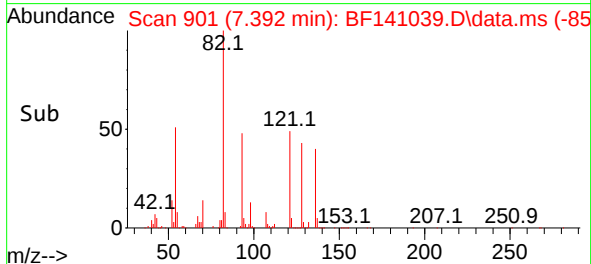
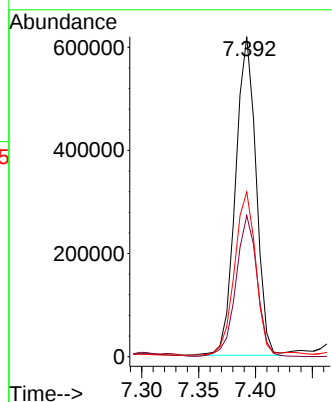
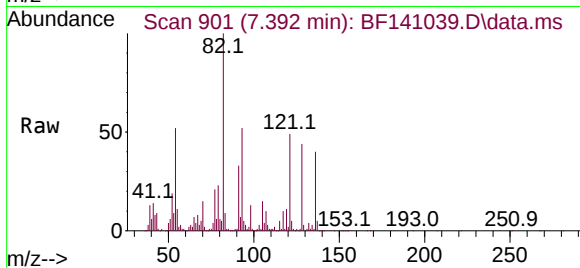
BNA_F

ClientSampleId :

MOO-24-00398

Tgt Ion: 82 Resp: 776536

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.4	51.6
54	51.5	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1323

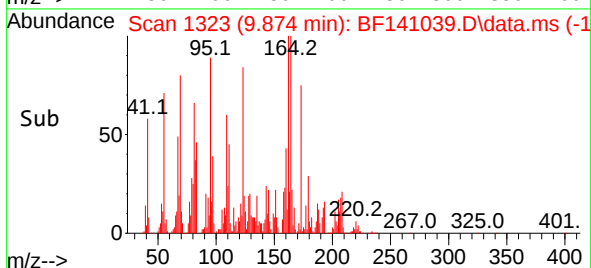
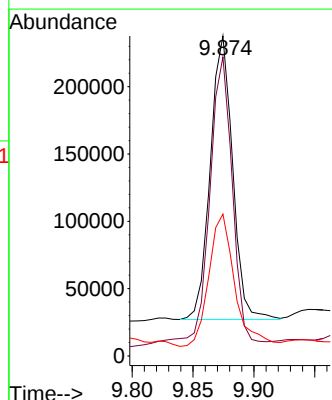
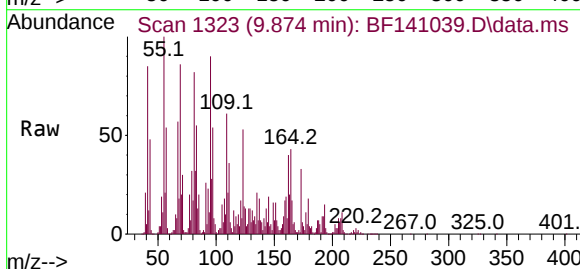
Delta R.T. 0.012 min

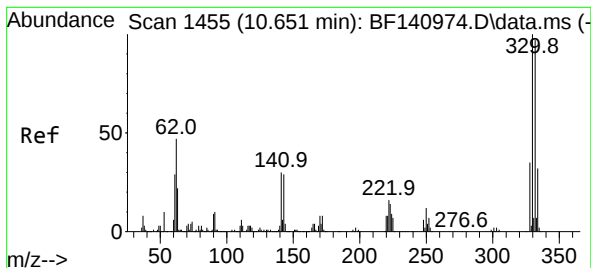
Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion: 164 Resp: 268521

Ion	Ratio	Lower	Upper
164	100		
162	93.5	80.6	120.8
160	44.4	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 97.130 ng

RT: 10.674 min Scan# 1455

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA_F

ClientSampleId :

MOO-24-00398

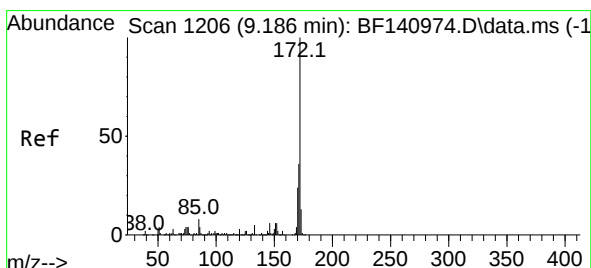
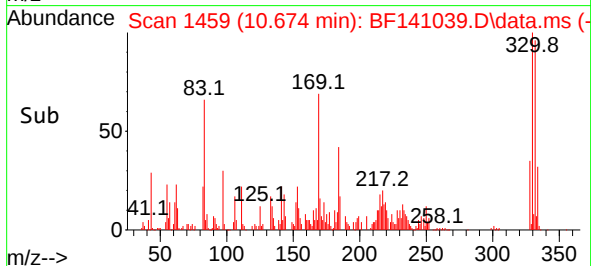
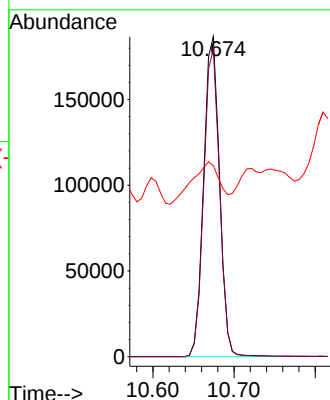
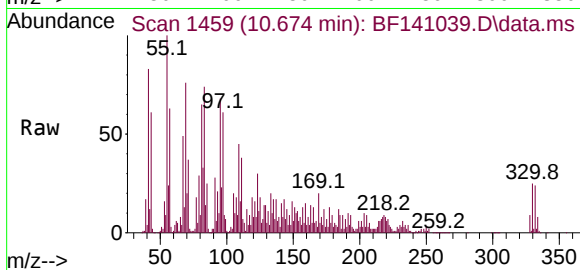
Tgt Ion:330 Resp: 253436

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 22.6 26.4 39.6#



#45

2-Fluorobiphenyl

Concen: 72.912 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

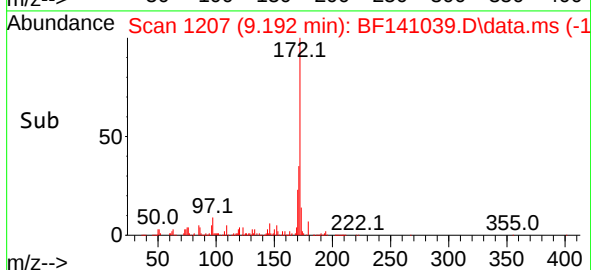
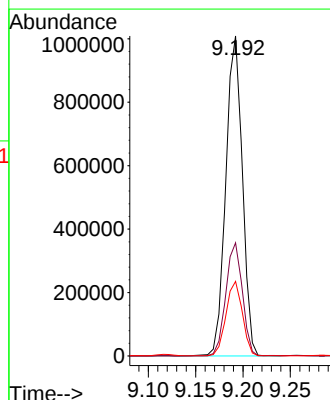
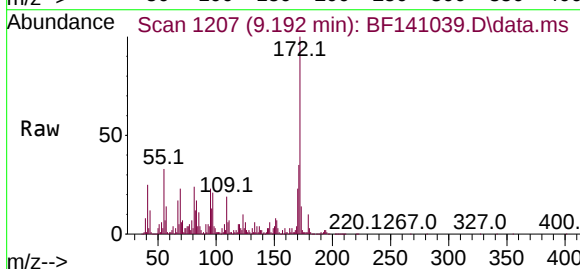
Tgt Ion:172 Resp: 1228849

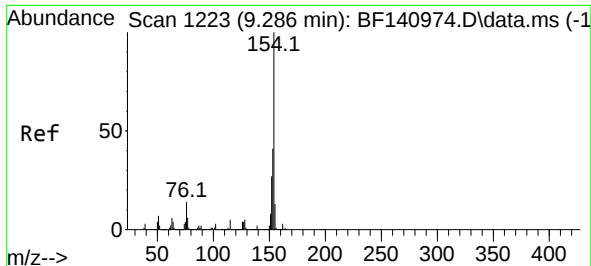
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.3 19.6 29.4

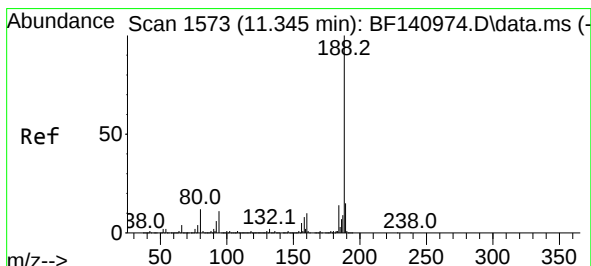
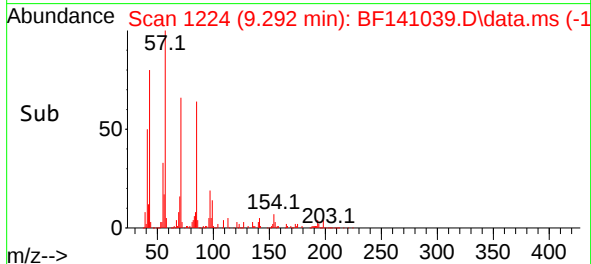
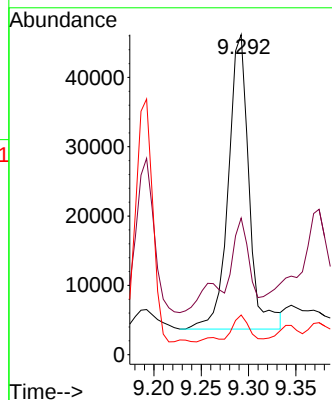
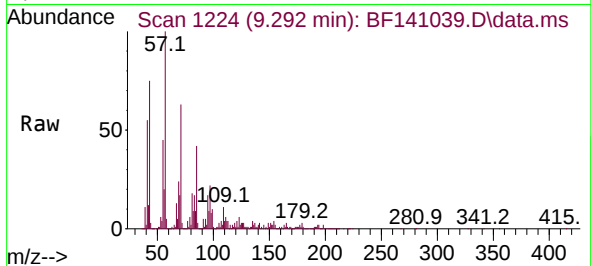




#46
1,1'-Biphenyl
Concen: 3.155 ng
RT: 9.292 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF141039.D
Acq: 30 Dec 2024 18:58

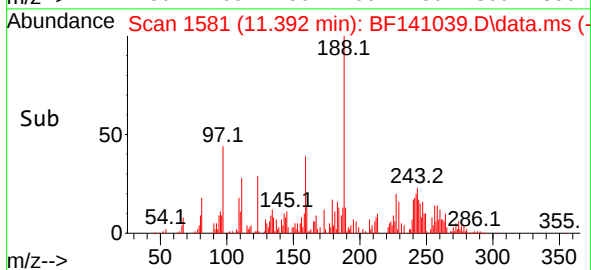
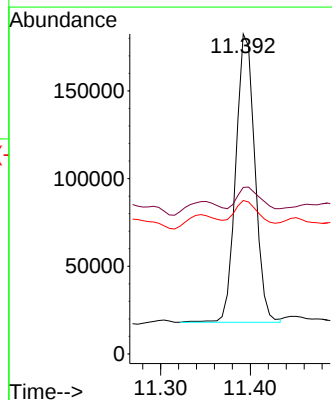
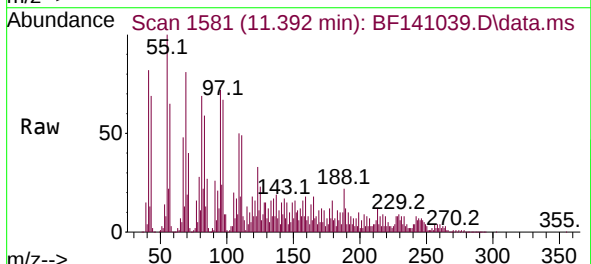
Instrument :
BNA_F
ClientSampleId :
MOO-24-00398

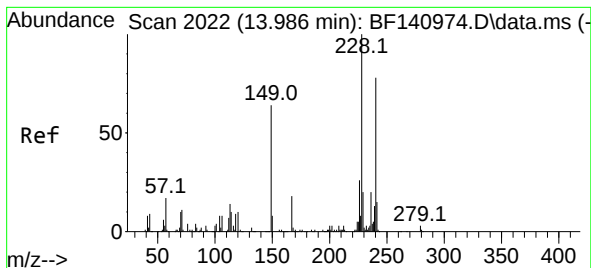
Tgt Ion:154 Resp: 64864
Ion Ratio Lower Upper
154 100
153 42.7 20.9 60.9
76 12.4 0.0 34.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.047 min
Lab File: BF141039.D
Acq: 30 Dec 2024 18:58

Tgt Ion:188 Resp: 242952
Ion Ratio Lower Upper
188 100
94 52.0 9.0 13.6#
80 48.0 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA_F

ClientSampleId :

MOO-24-00398

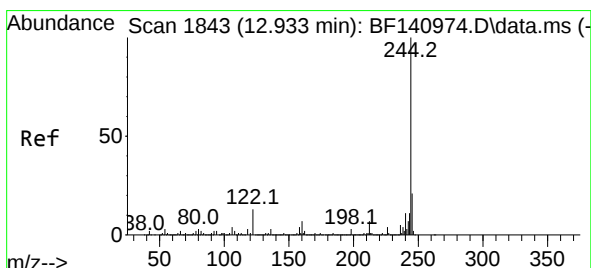
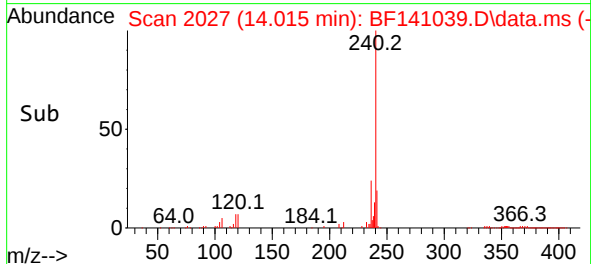
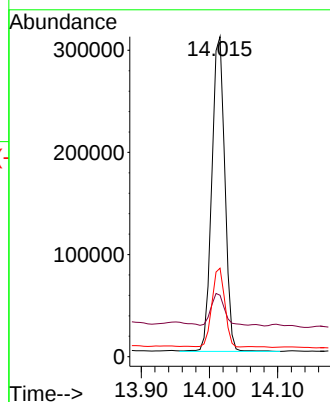
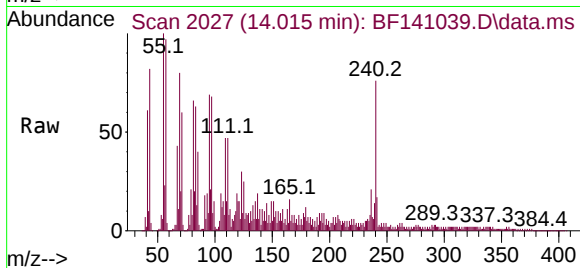
Tgt Ion:240 Resp: 409834

Ion Ratio Lower Upper

240 100

120 19.2 10.7 16.1#

236 27.7 20.6 31.0



#79

Terphenyl-d14

Concen: 41.920 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.041 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

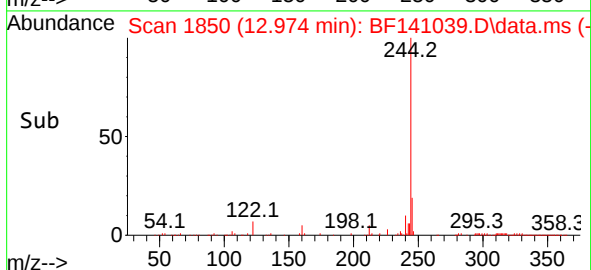
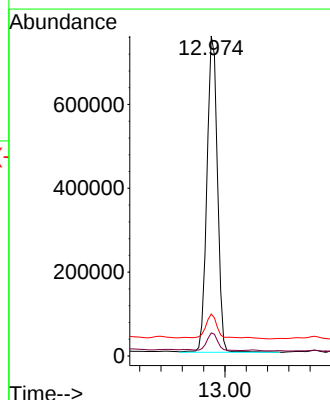
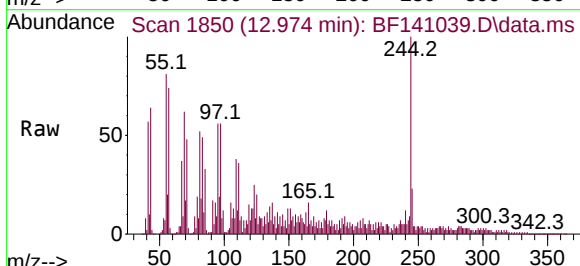
Tgt Ion:244 Resp: 1034327

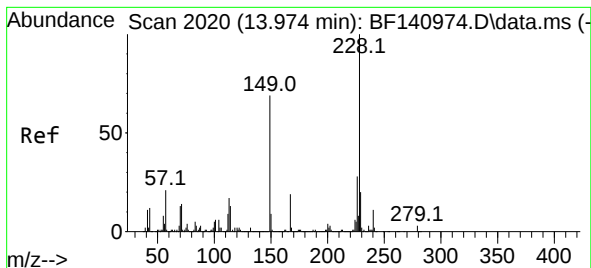
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 13.1 10.2 15.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 41.033 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA_F

ClientSampleId :

MOO-24-00398

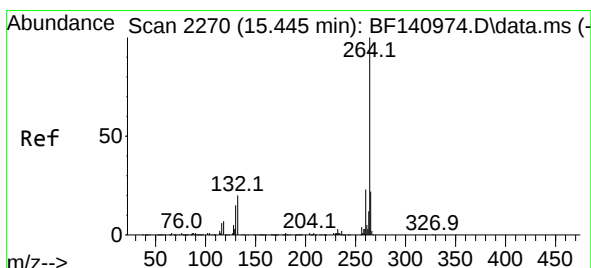
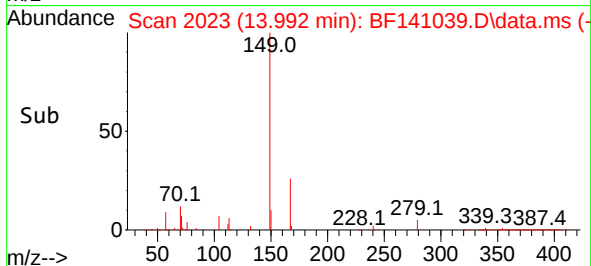
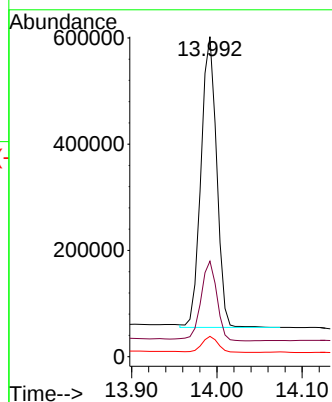
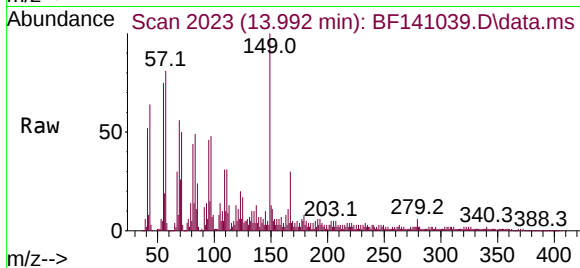
Tgt Ion:149 Resp: 696630

Ion Ratio Lower Upper

149 100

167 29.8 21.6 32.4

279 6.4 3.2 4.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion:264 Resp: 512914

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.9 17.4 26.2

