

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129574.D
 Acq On : 04 Aug 2022 17:30
 Operator : CG\JU
 Sample : N3930-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-104

Quant Time: Aug 05 02:08:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

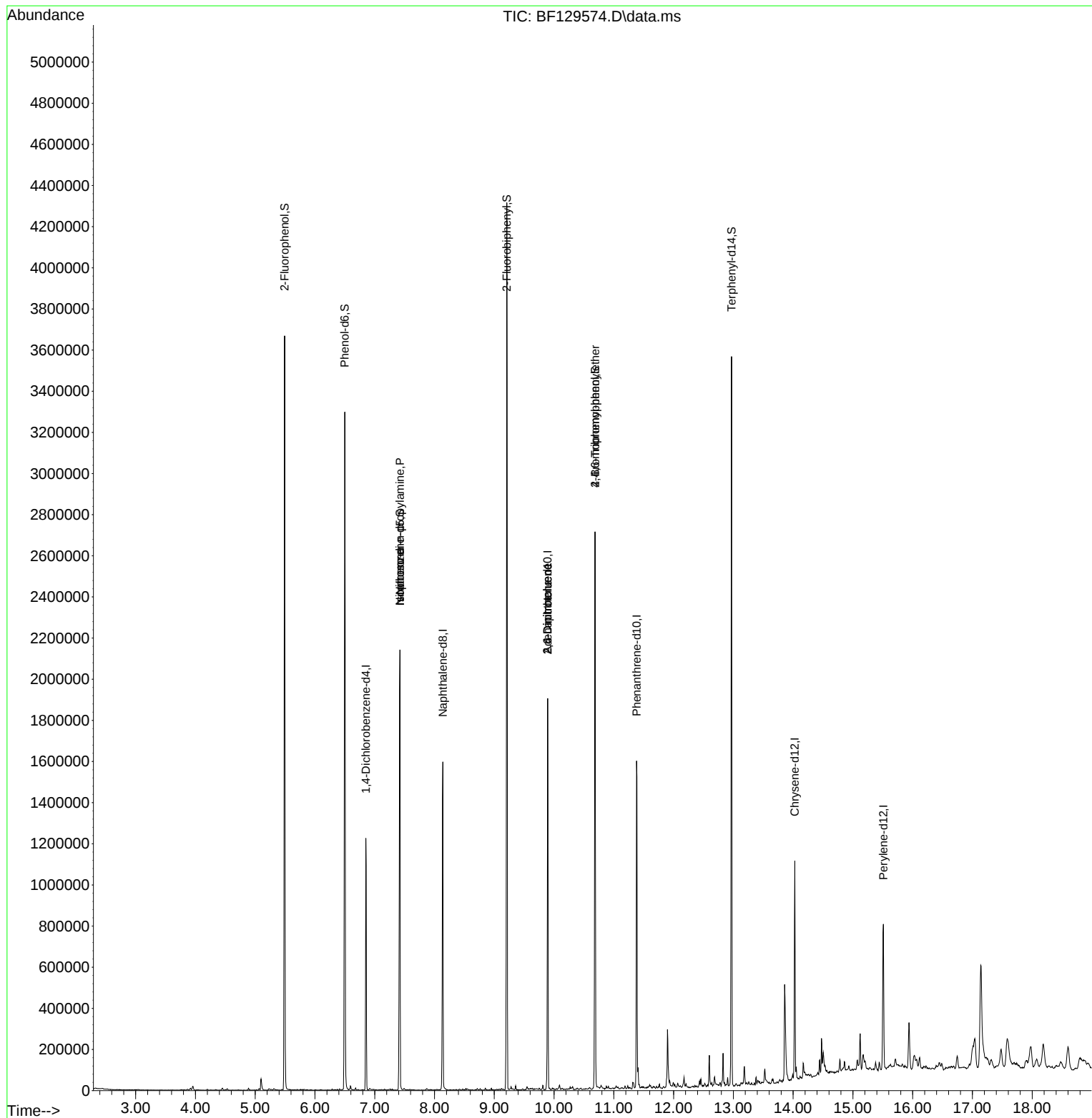
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	185216	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	735795	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	375014	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	579960	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	327667	20.000	ng	-0.01
86) Perylene-d12	15.510	264	302503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	914719	80.451	ng	0.00
7) Phenol-d6	6.498	99	1156163	80.900	ng	-0.02
23) Nitrobenzene-d5	7.422	82	741489	55.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	291080	80.733	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1328991	54.821	ng	-0.01
79) Terphenyl-d14	12.969	244	1096644	63.141	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	99172	11.463	ng	# 72
25) Isophorone	7.422	82	728514	30.152	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	49323	8.512	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	49323	6.516	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	18645	2.936	ng	# 1

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

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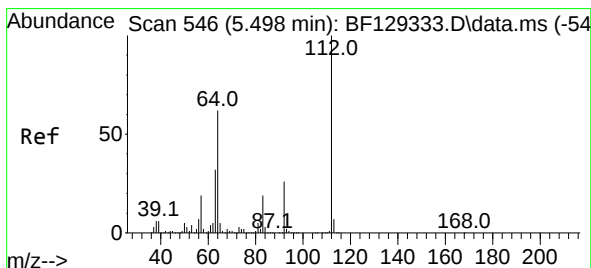
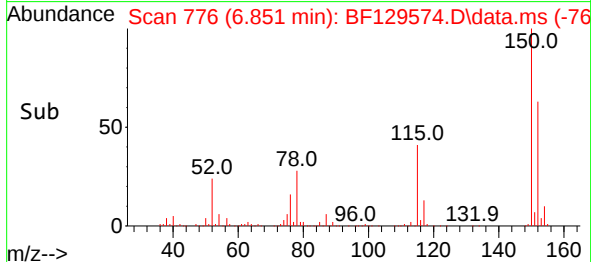
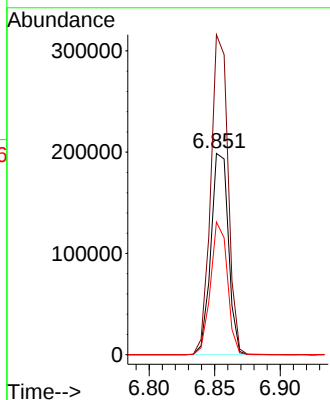
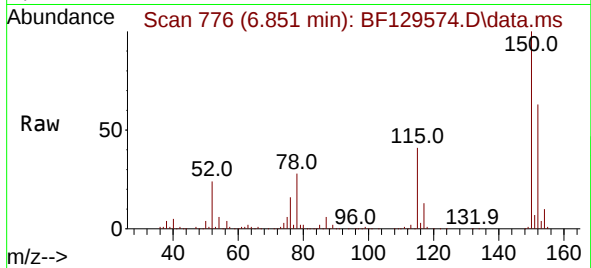




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

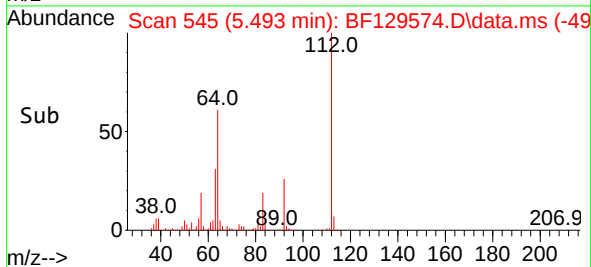
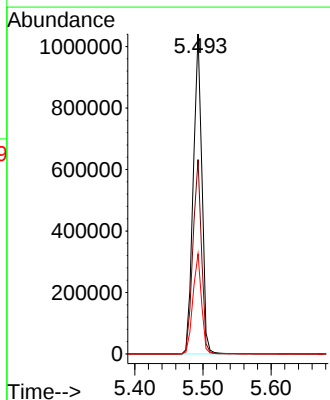
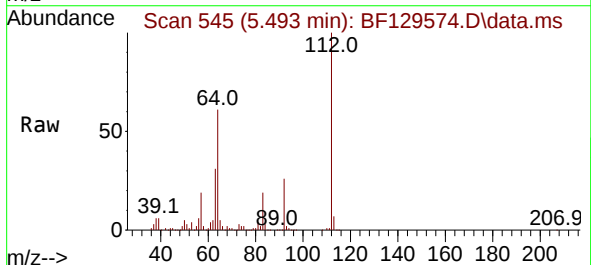
Instrument :
BNA_F
ClientSampleId :
RVE-104

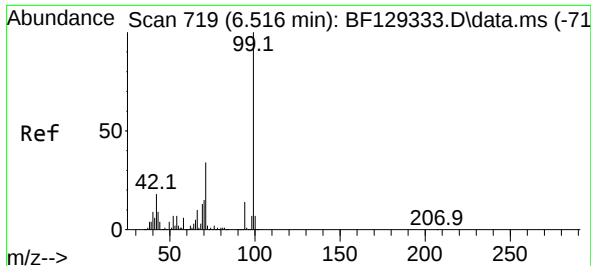
Tgt Ion:152 Resp: 185216
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 80.451 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion:112 Resp: 914719
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 31.3 28.0 42.0

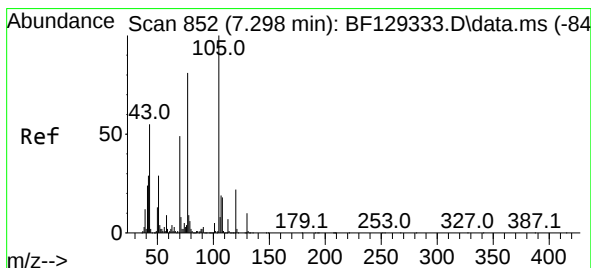
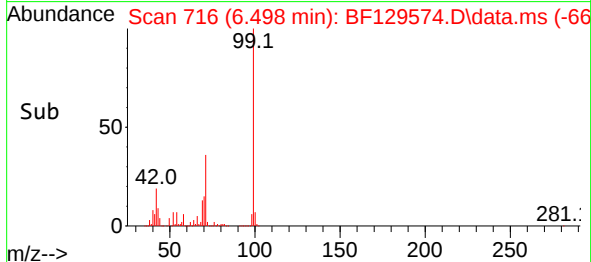
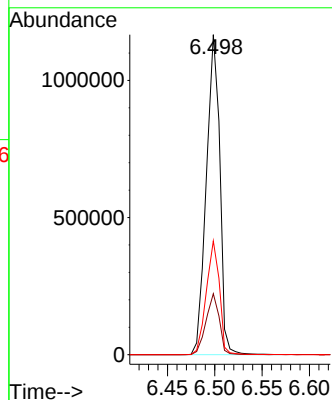
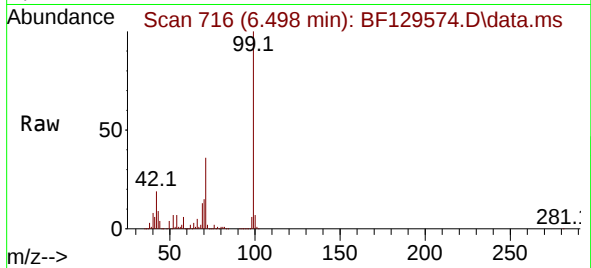




#7
Phenol-d6
Concen: 80.900 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

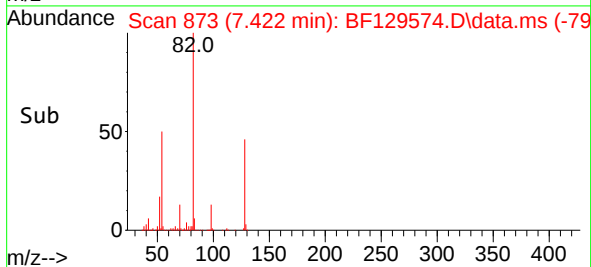
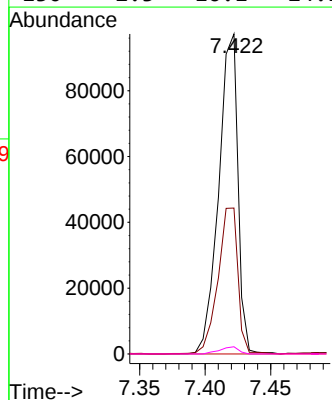
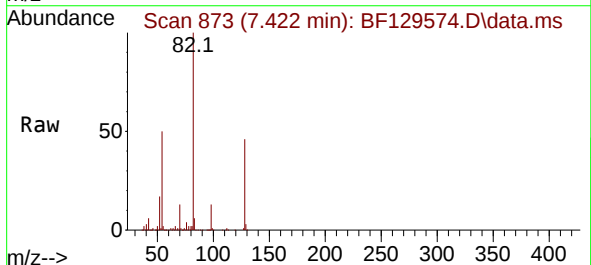
Instrument :
BNA_F
ClientSampleId :
RVE-104

Tgt Ion: 99 Resp: 1156163
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.463 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion: 70 Resp: 99172
Ion Ratio Lower Upper
70 100
42 45.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

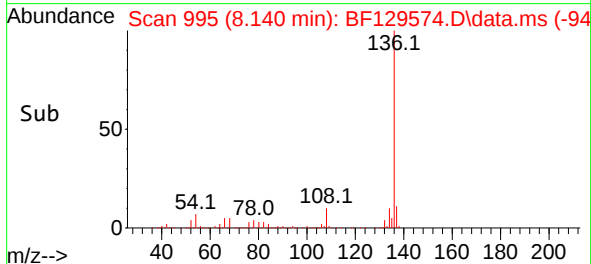
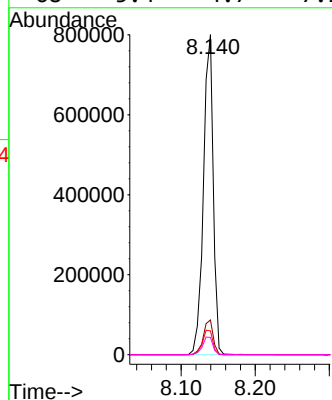
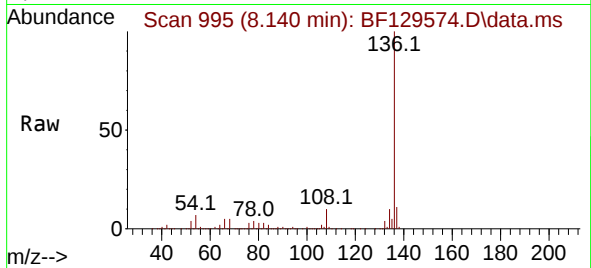




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

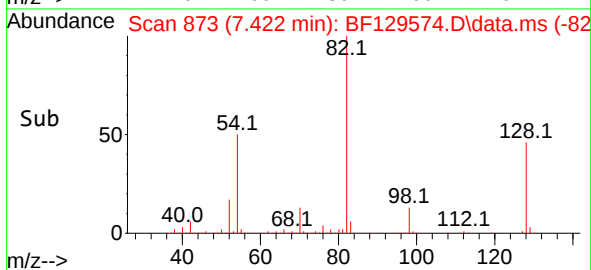
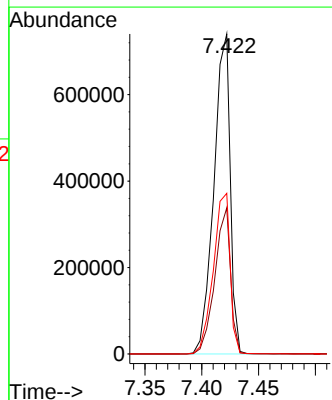
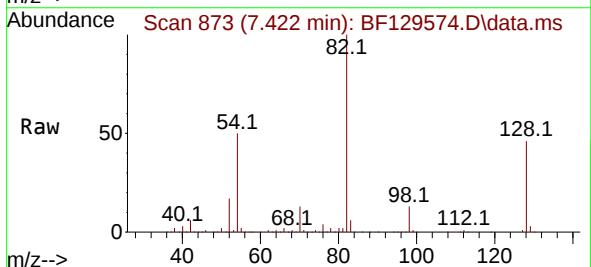
Instrument :
BNA_F
ClientSampleId :
RVE-104

Tgt Ion:136 Resp: 735795
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 7.5 11.3#
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 55.011 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion: 82 Resp: 741489
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 50.2 46.9 70.3

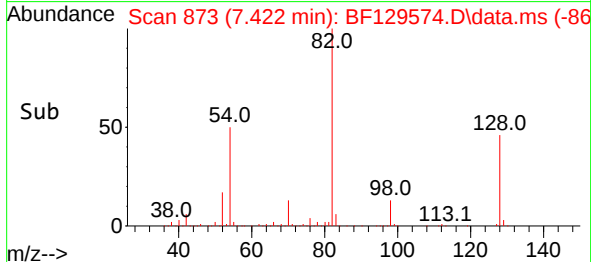
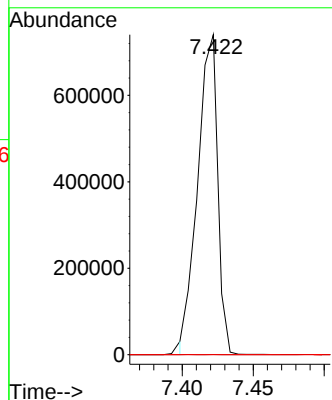
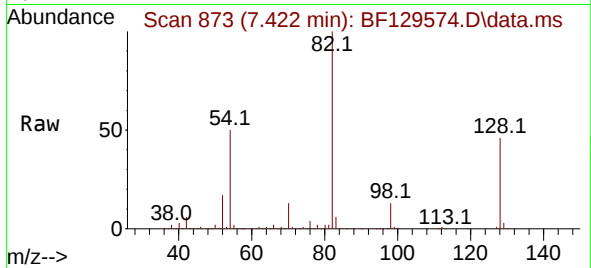




#25
Isophorone
Concen: 30.152 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

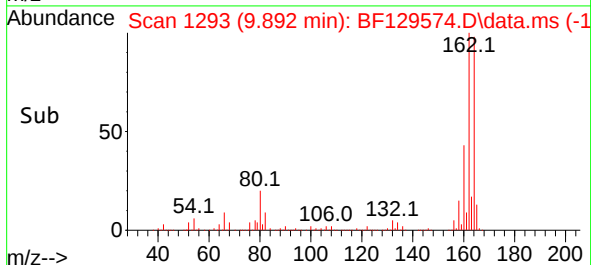
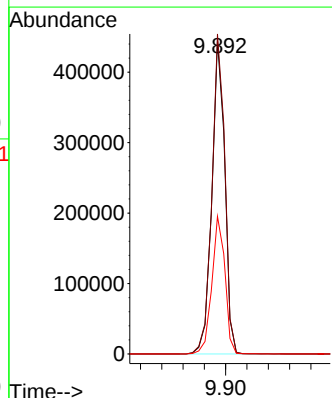
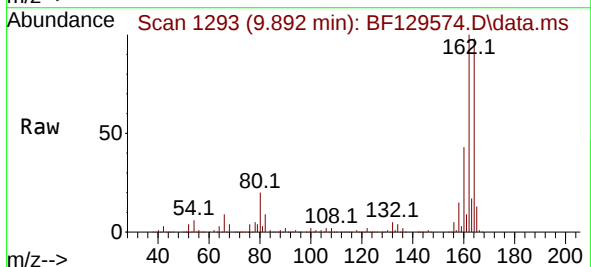
Instrument :
BNA_F
ClientSampleId :
RVE-104

Tgt Ion: 82 Resp: 728514
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion:164 Resp: 375014
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.733 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF129574.D

Acq: 04 Aug 2022 17:30

Instrument :

BNA_F

ClientSampleId :

RVE-104

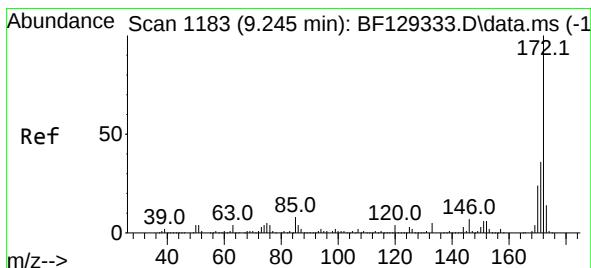
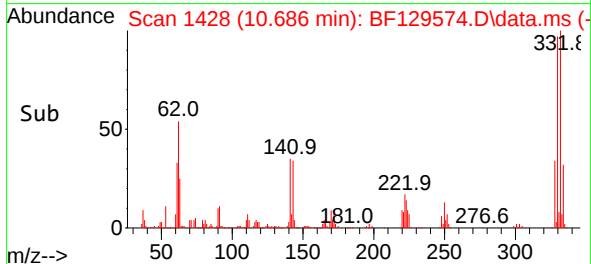
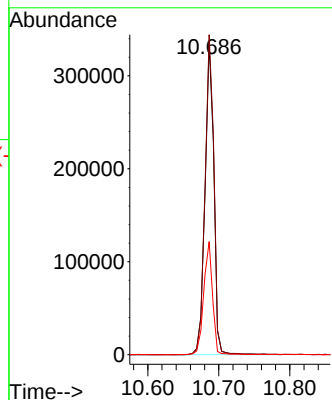
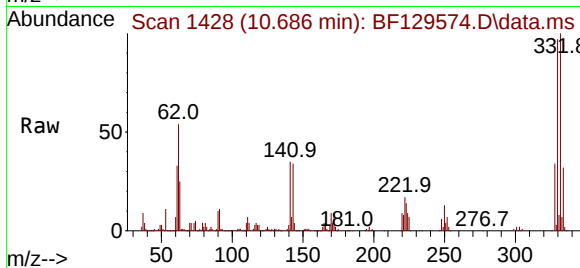
Tgt Ion:330 Resp: 291080

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 54.821 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF129574.D

Acq: 04 Aug 2022 17:30

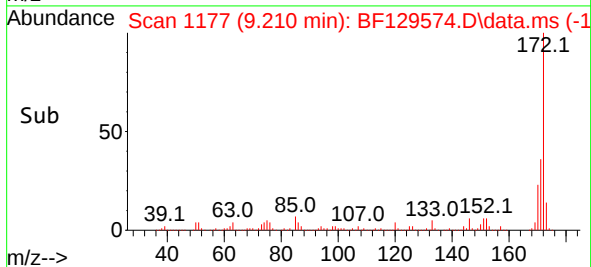
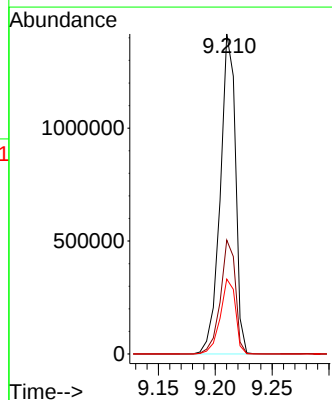
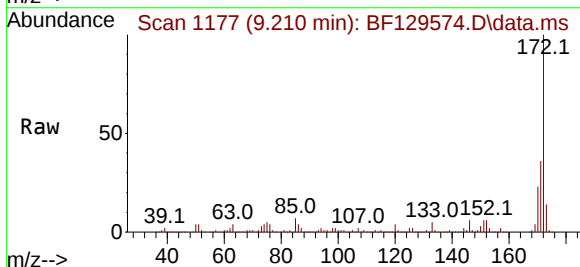
Tgt Ion:172 Resp: 1328991

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.512 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF129574.D

Acq: 04 Aug 2022 17:30

Instrument :

BNA_F

ClientSampleId :

RVE-104

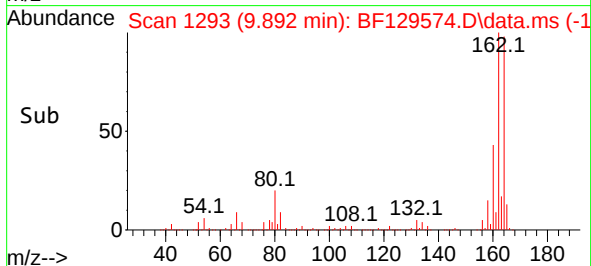
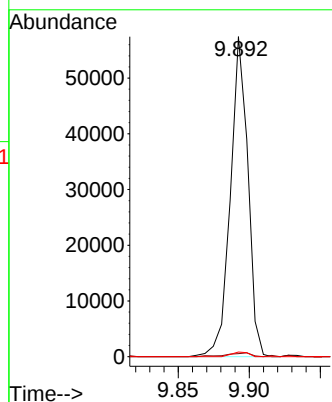
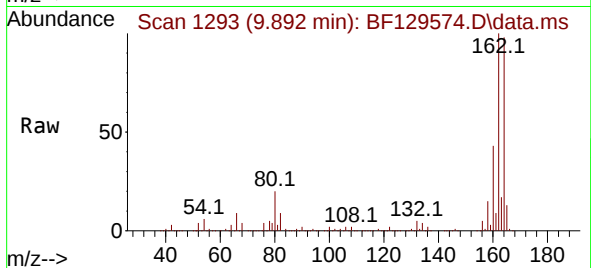
Tgt Ion:165 Resp: 49323

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.516 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129574.D

Acq: 04 Aug 2022 17:30

Tgt Ion:165 Resp: 49323

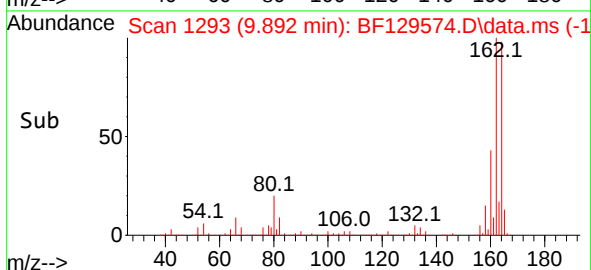
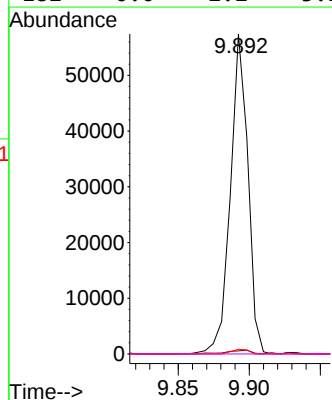
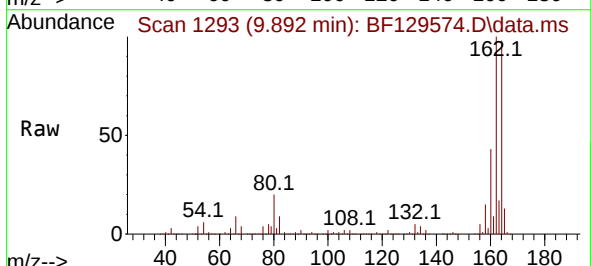
Ion Ratio Lower Upper

165 100

63 0.9 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

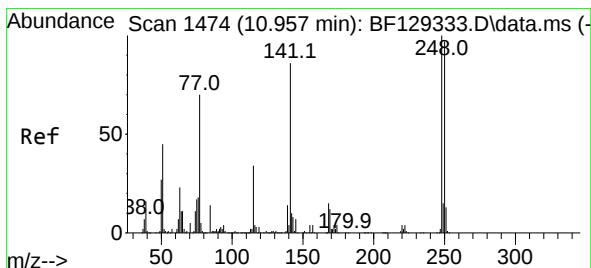
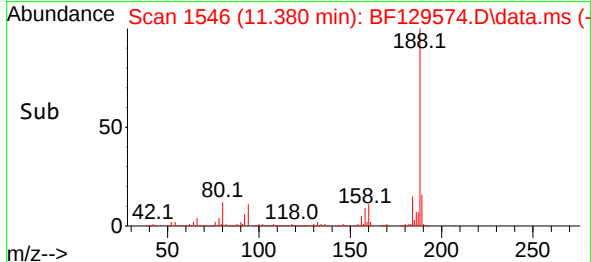
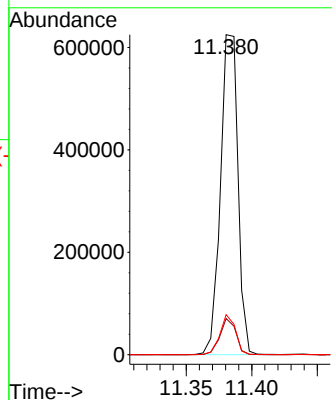
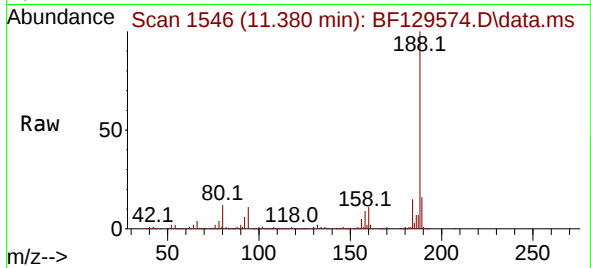




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

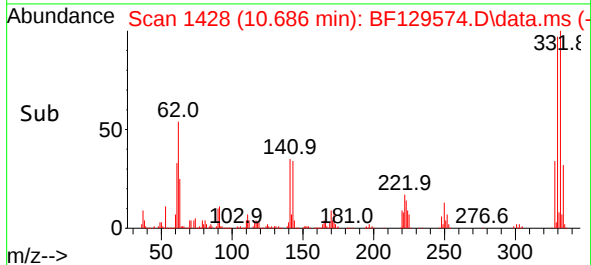
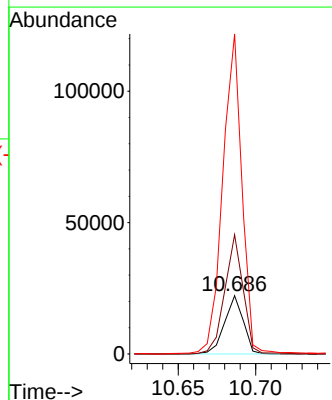
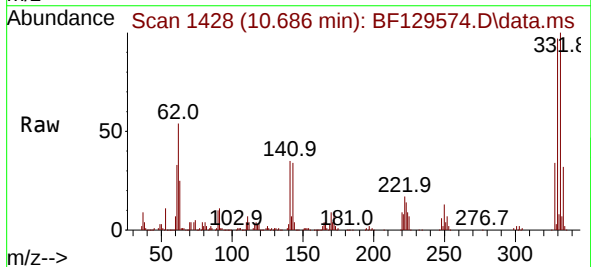
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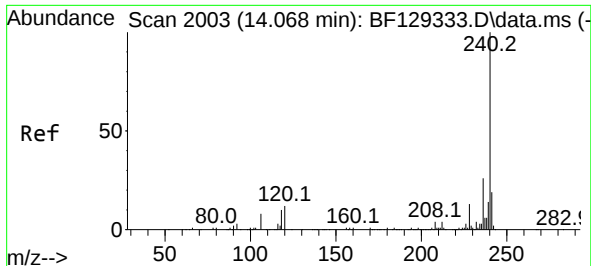
Tgt Ion:188 Resp: 579960
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.936 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion:248 Resp: 18645
Ion Ratio Lower Upper
248 100
250 204.5 80.6 120.8#
141 549.2 58.9 88.3#

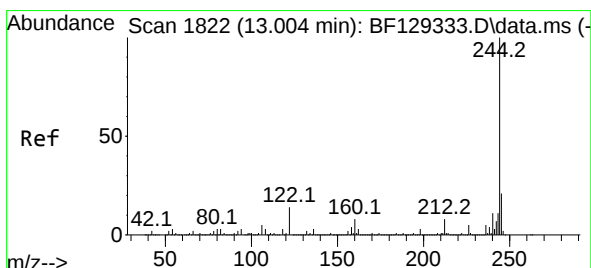
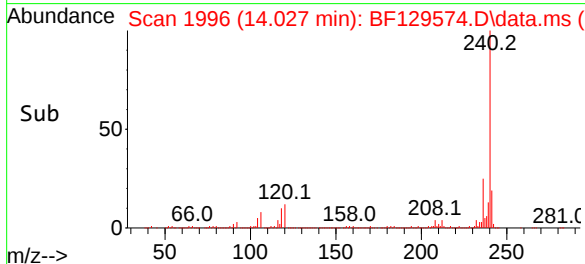
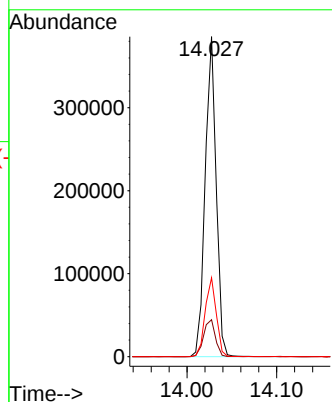
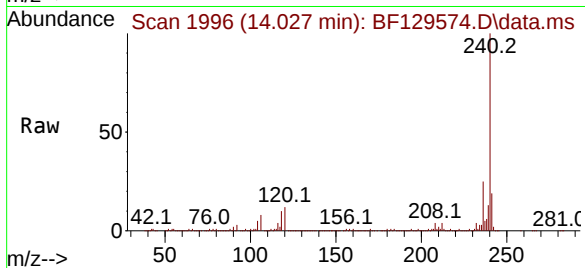




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

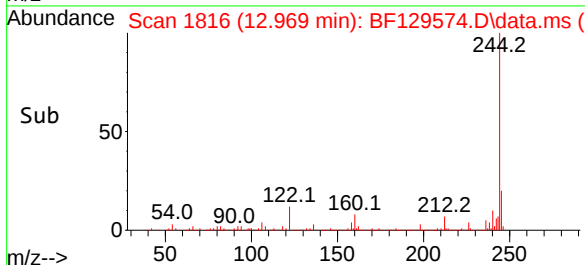
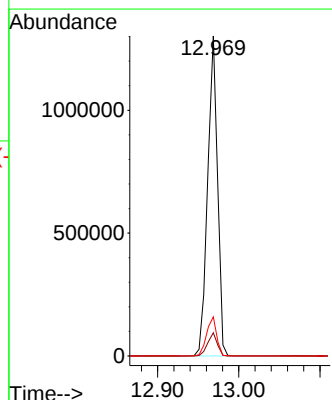
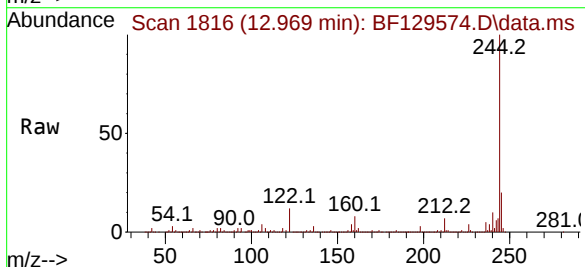
Instrument :
BNA_F
ClientSampleId :
RVE-104

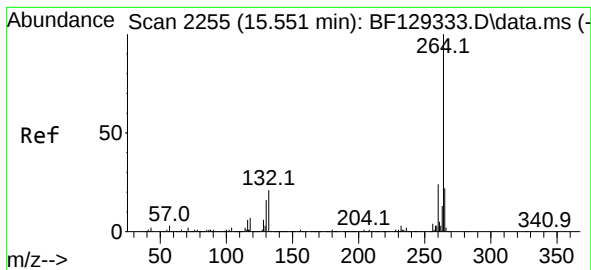
Tgt Ion:240 Resp: 327667
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 63.141 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129574.D
Acq: 04 Aug 2022 17:30

Tgt Ion:244 Resp: 1096644
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129574.D

Acq: 04 Aug 2022 17:30

Instrument :

BNA_F

ClientSampleId :

RVE-104

Tgt Ion:264 Resp: 302503

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.8 17.2 25.8

