

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129573.D
 Acq On : 04 Aug 2022 16:53
 Operator : CG\JU
 Sample : PB146580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146580BL

Quant Time: Aug 05 02:08:48 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)

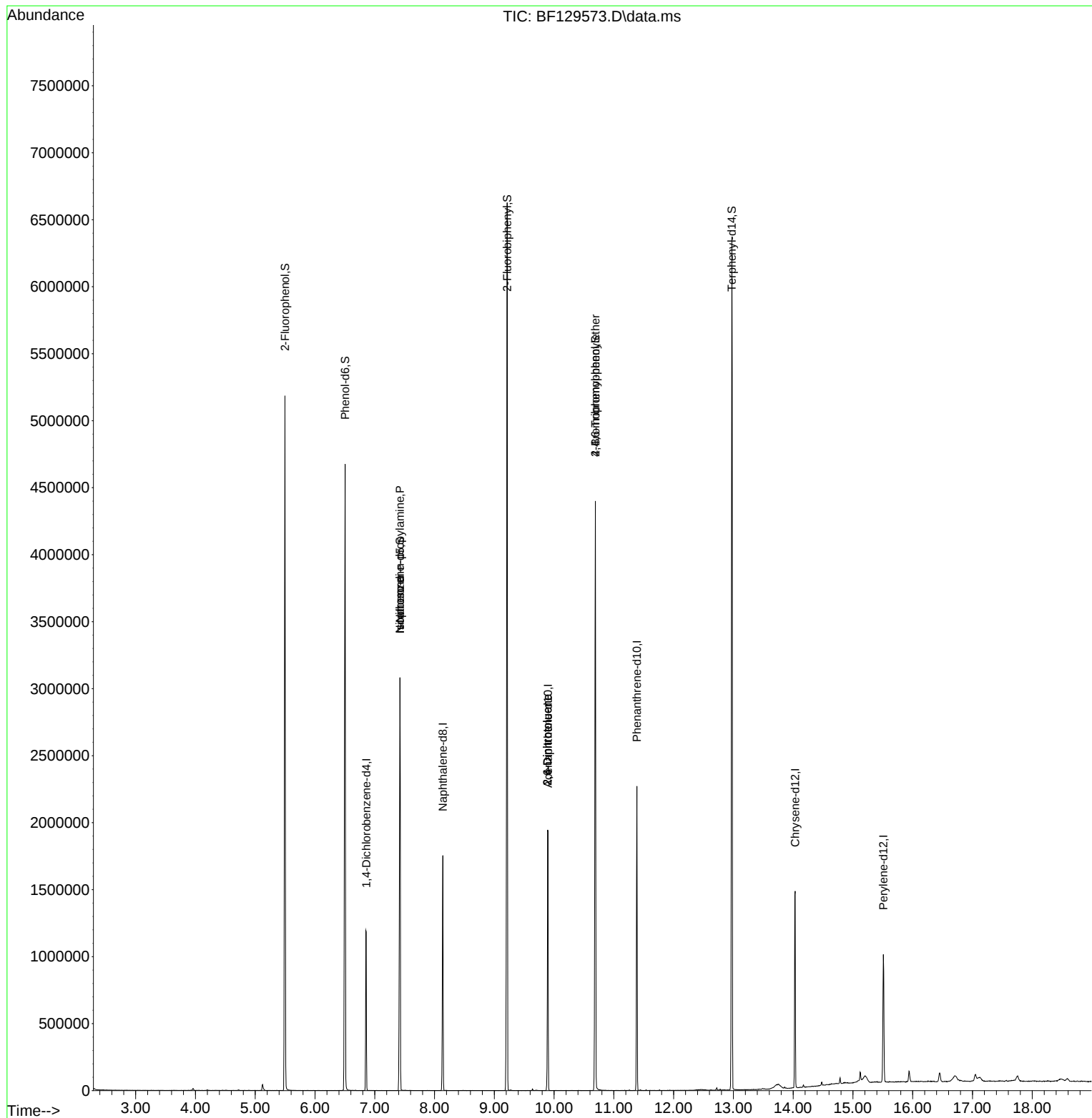
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	184274	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	766212	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	428661	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	747082	20.000	ng	0.00
76) Chrysene-d12	14.033	240	506985	20.000	ng	0.00
86) Perylene-d12	15.509	264	392888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1403471	124.068	ng	0.00
7) Phenol-d6	6.504	99	1760280	123.801	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1157775	82.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	531766	129.030	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2105361	75.978	ng	0.00
79) Terphenyl-d14	12.974	244	2379265	88.537	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	151893	17.646	ng	# 75
25) Isophorone	7.422	82	1147623	45.613	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	55195	8.334	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	55195	6.379	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	32934	4.026	ng	# 1

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

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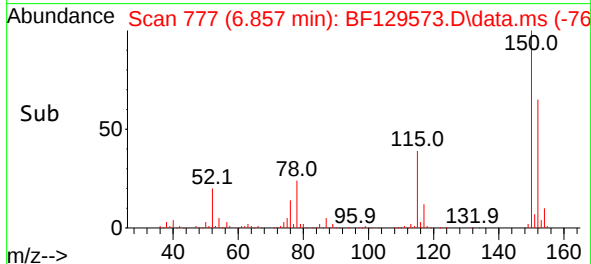
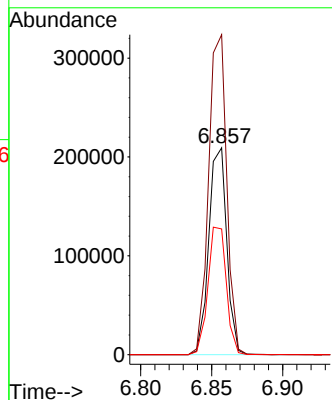
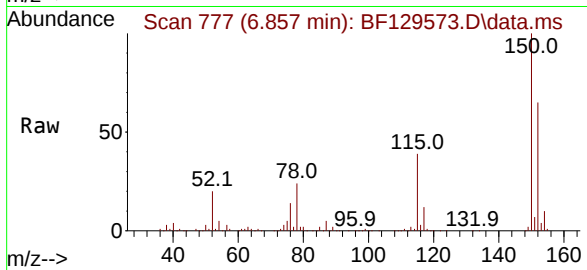




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129573.D
 Acq: 04 Aug 2022 16:53

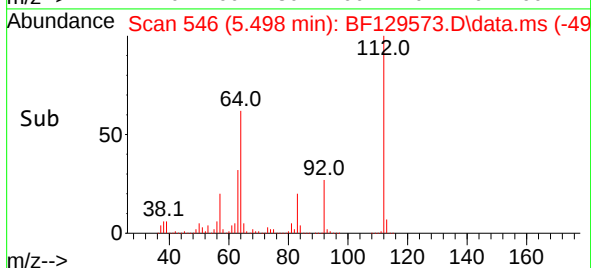
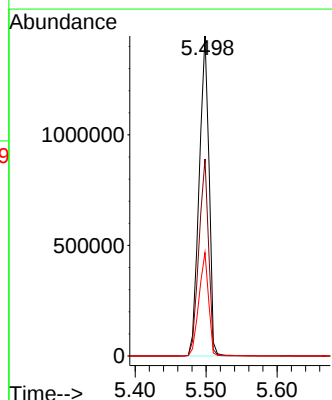
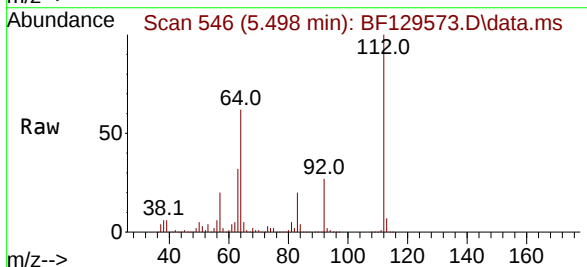
Instrument :
 BNA_F
 ClientSampleId :
 PB146580BL

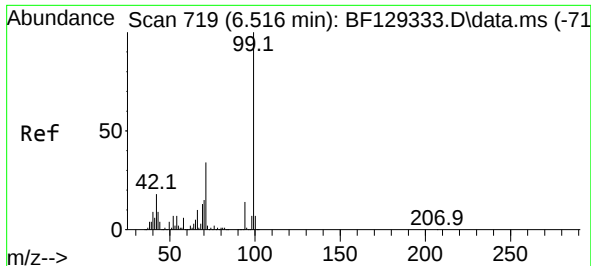
Tgt Ion:152 Resp: 184274
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.7 185.5
 115 60.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.068 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129573.D
 Acq: 04 Aug 2022 16:53

Tgt Ion:112 Resp: 1403471
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.3 79.9
 63 32.3 28.0 42.0

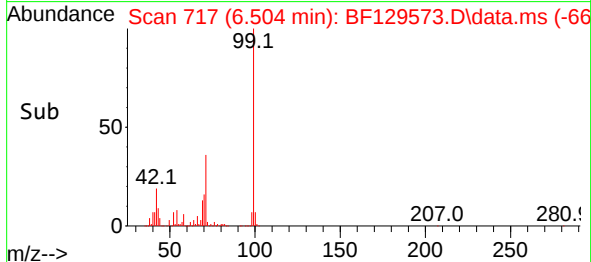
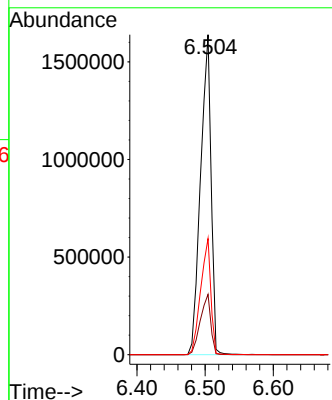
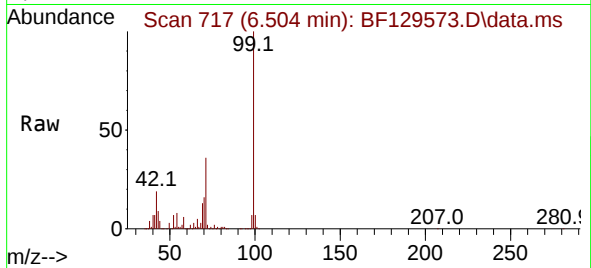




#7
Phenol-d6
Concen: 123.801 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

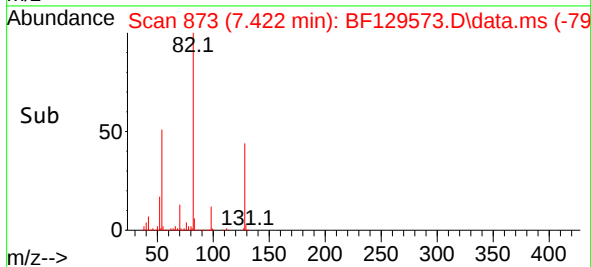
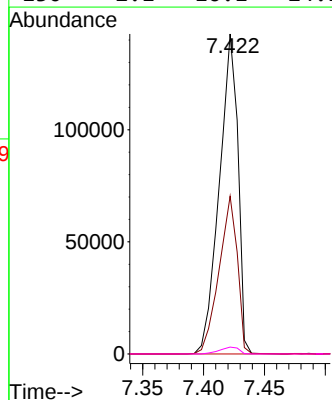
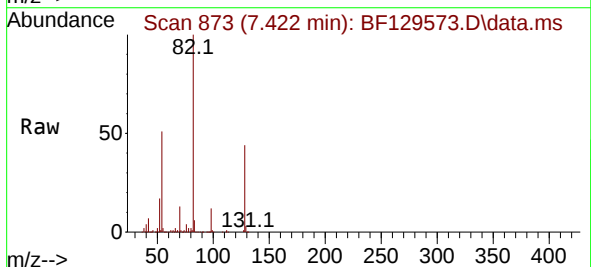
Instrument :
BNA_F
ClientSampleId :
PB146580BL

Tgt Ion: 99 Resp: 1760280
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.646 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Tgt Ion: 70 Resp: 151893
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



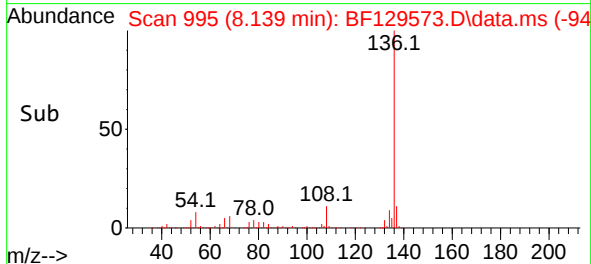
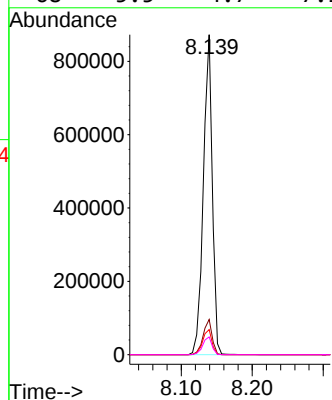
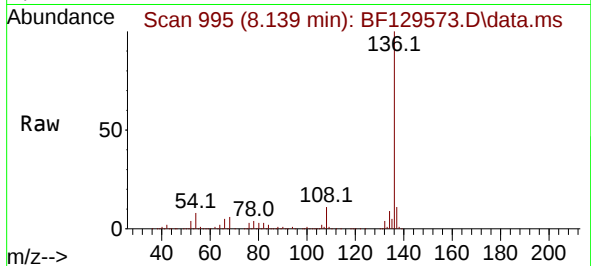


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB146580BL

Tgt Ion:136 Resp: 766212

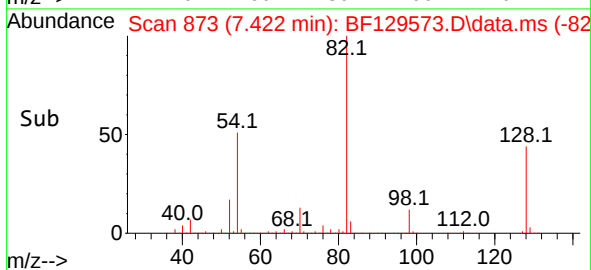
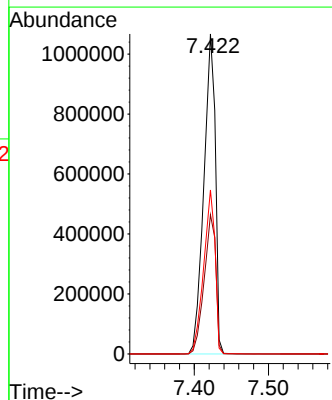
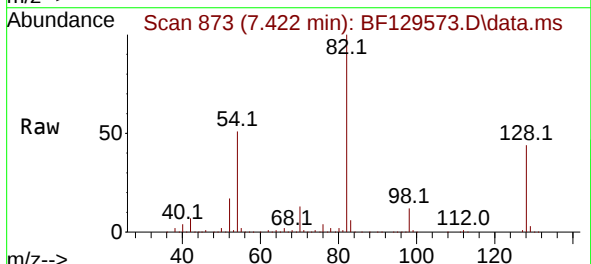
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 82.485 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Tgt Ion: 82 Resp: 1157775

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	51.3	46.9	70.3

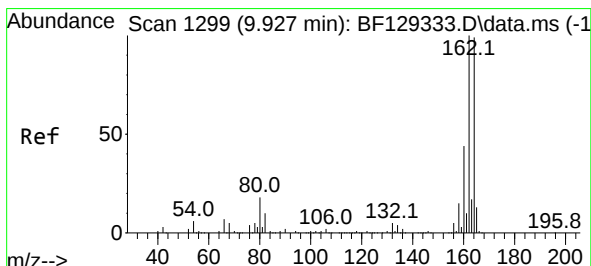
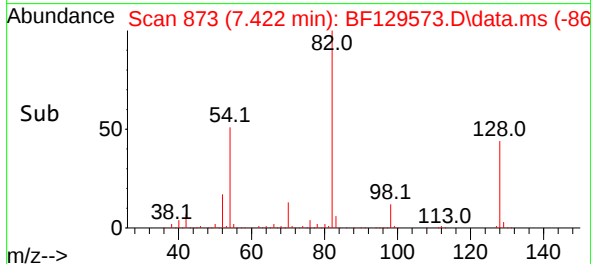
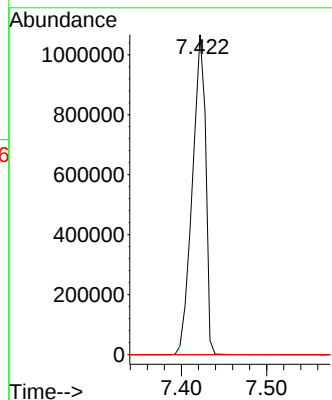
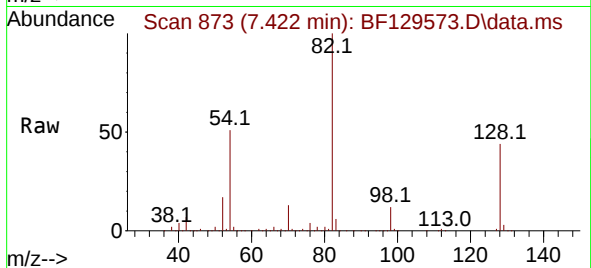




#25
Isophorone
Concen: 45.613 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

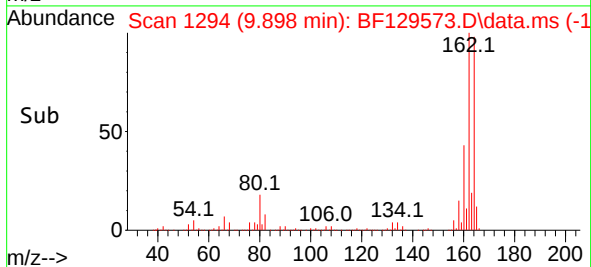
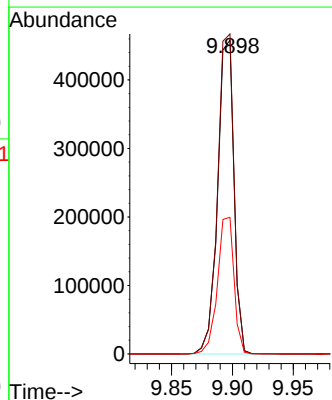
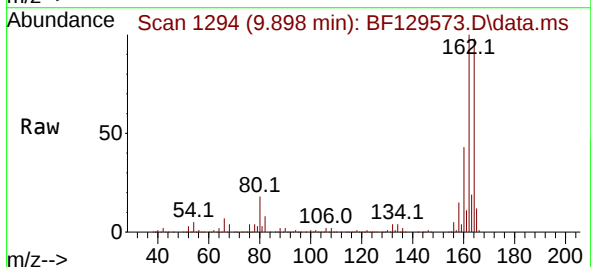
Instrument :
BNA_F
ClientSampleId :
PB146580BL

Tgt Ion: 82 Resp: 1147623
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Tgt Ion:164 Resp: 428661
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 43.6 34.2 51.4

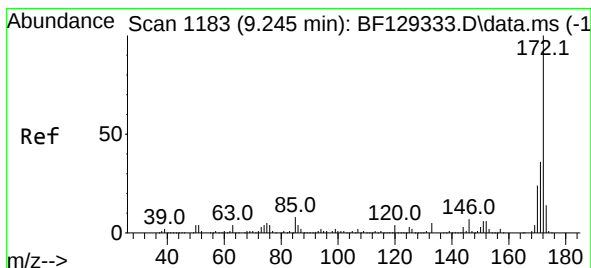
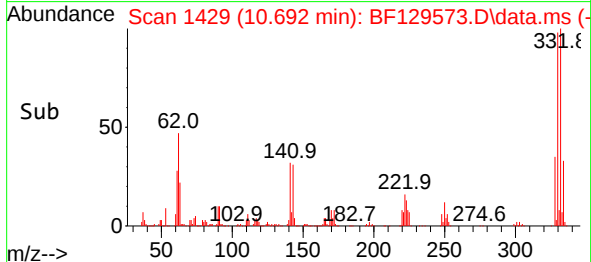
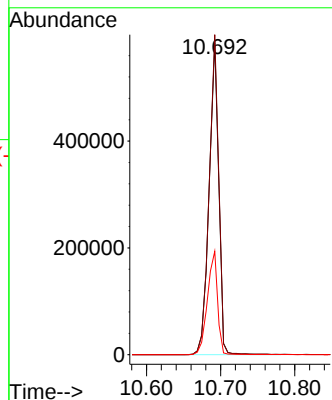
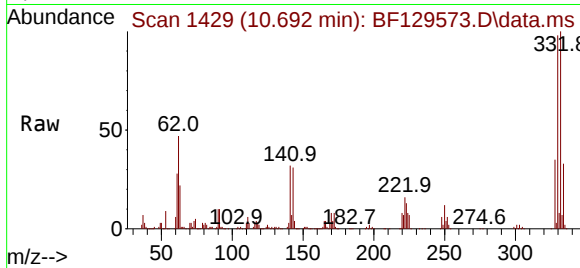




#42
2,4,6-Tribromophenol
Concen: 129.030 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

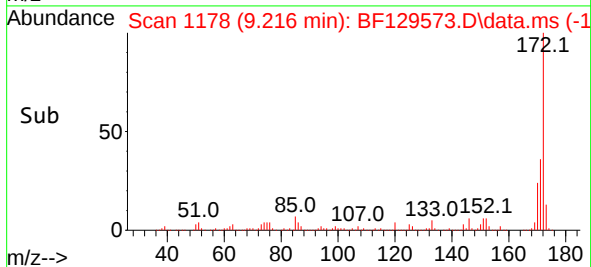
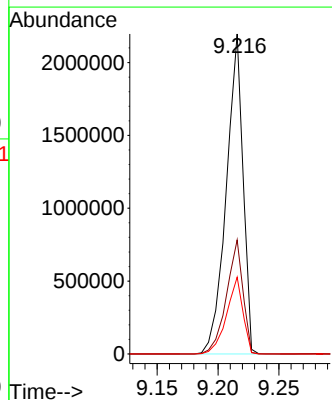
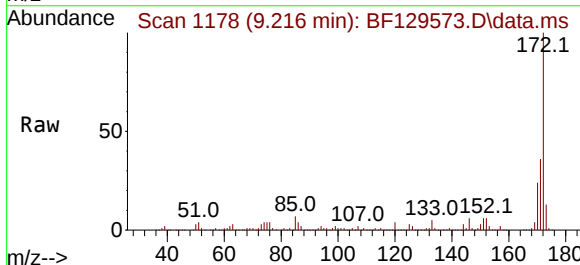
Instrument :
BNA_F
ClientSampleId :
PB146580BL

Tgt Ion:330 Resp: 531766
Ion Ratio Lower Upper
330 100
332 101.8 76.8 115.2
141 34.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 75.978 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Tgt Ion:172 Resp: 2105361
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.334 ng

RT: 9.892 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF129573.D

Acq: 04 Aug 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB146580BL

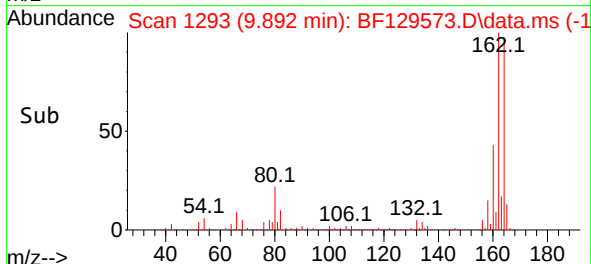
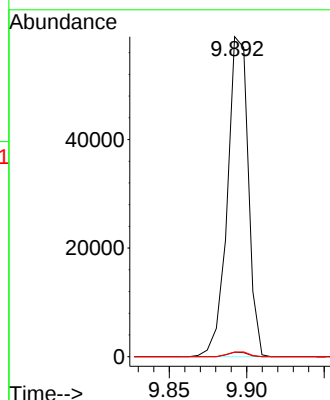
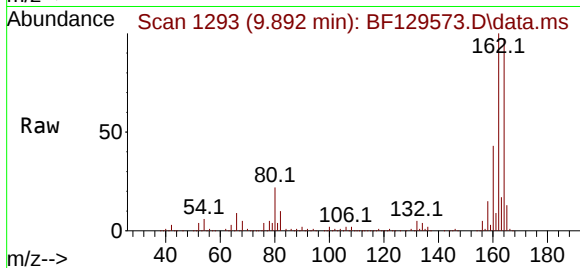
Tgt Ion:165 Resp: 55195

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.379 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129573.D

Acq: 04 Aug 2022 16:53

Tgt Ion:165 Resp: 55195

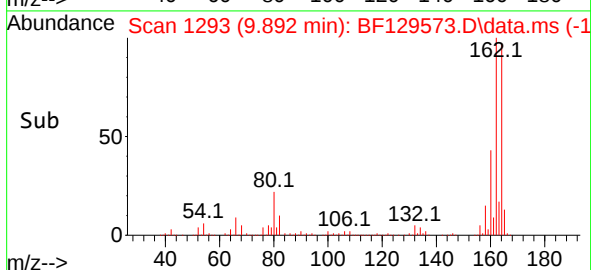
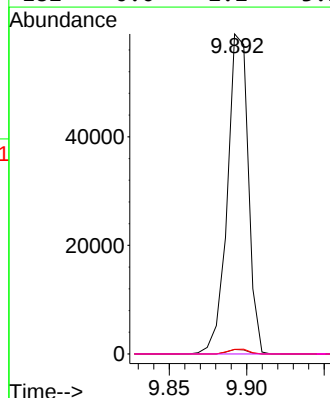
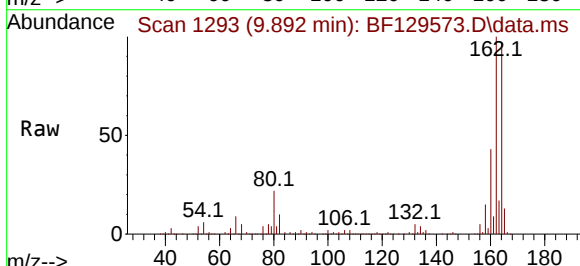
Ion Ratio Lower Upper

165 100

63 1.4 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: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129573.D

Acq: 04 Aug 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB146580BL

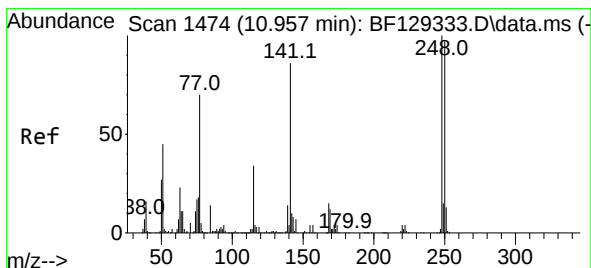
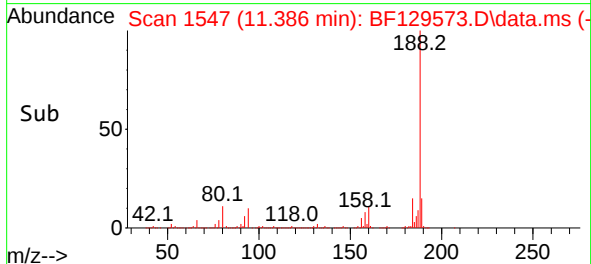
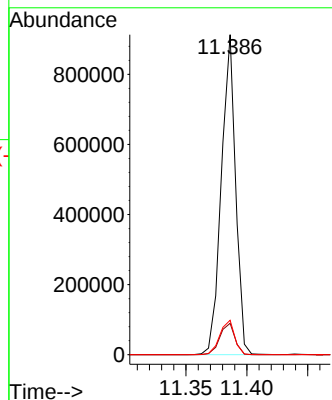
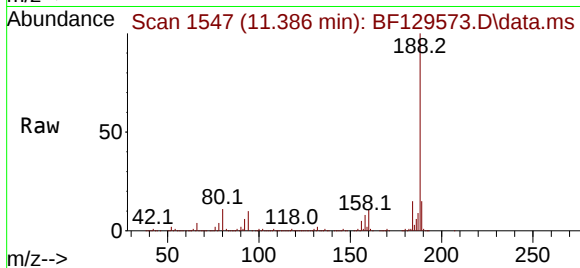
Tgt Ion:188 Resp: 747082

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.026 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF129573.D

Acq: 04 Aug 2022 16:53

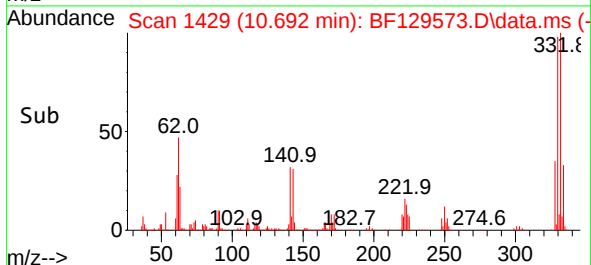
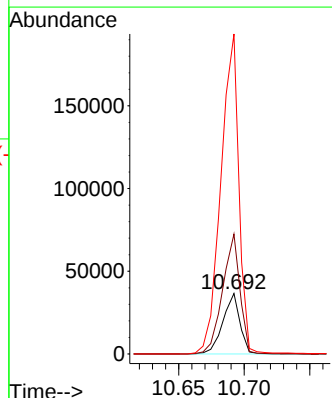
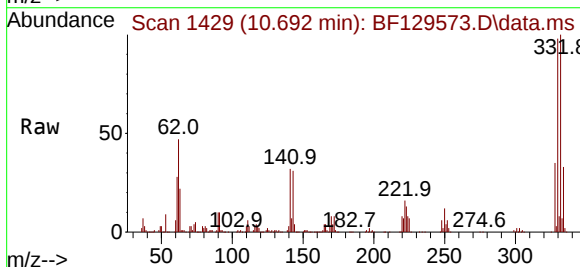
Tgt Ion:248 Resp: 32934

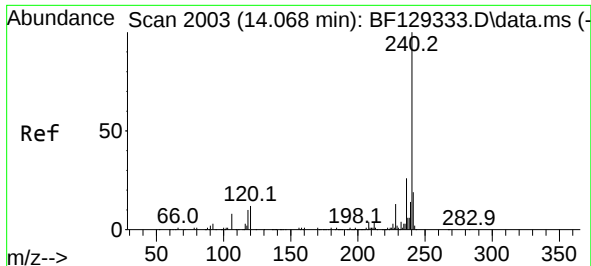
Ion Ratio Lower Upper

248 100

250 198.2 80.6 120.8#

141 529.0 58.9 88.3#

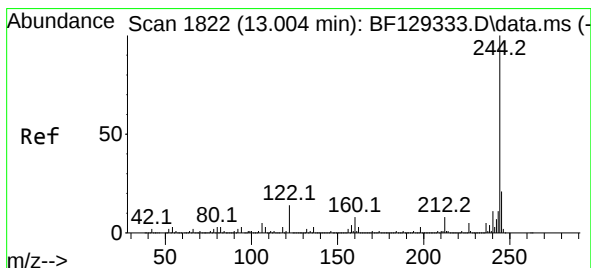
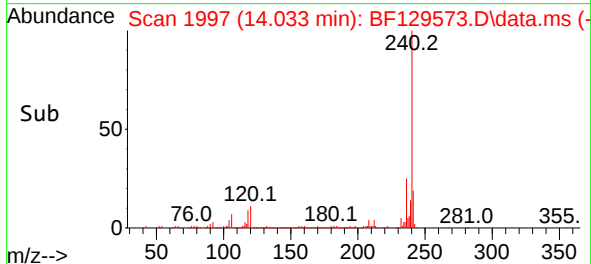
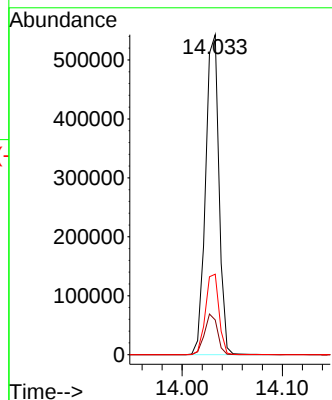
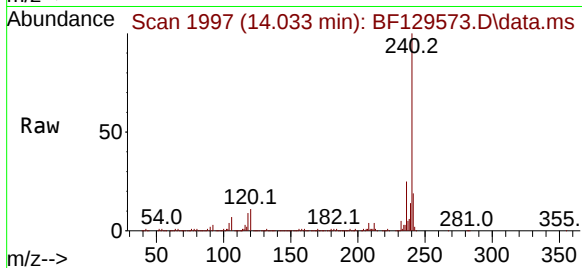




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

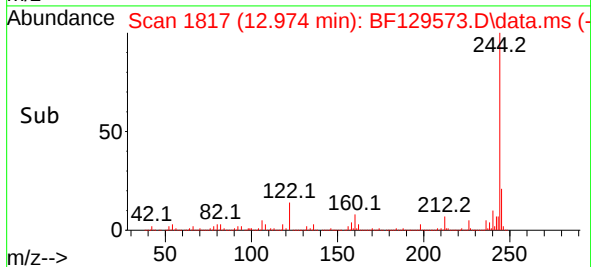
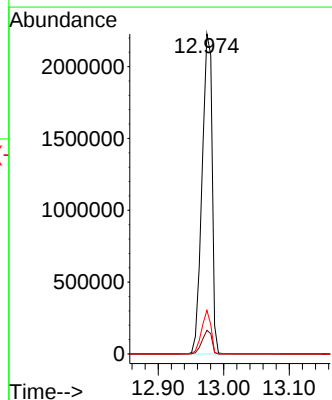
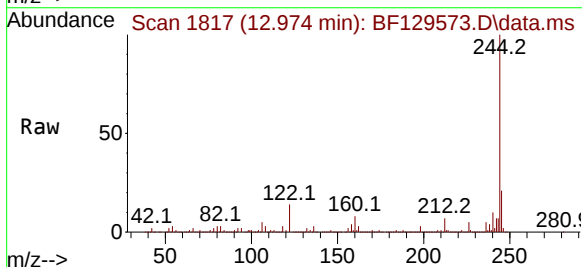
Instrument :
BNA_F
ClientSampleId :
PB146580BL

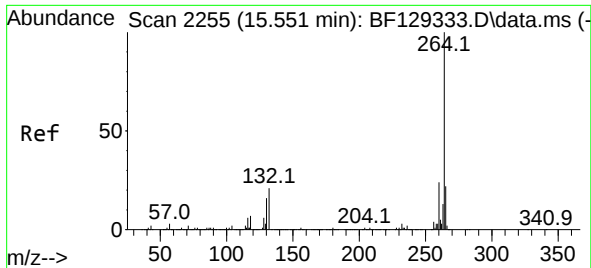
Tgt Ion:240 Resp: 506985
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 88.537 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF129573.D
Acq: 04 Aug 2022 16:53

Tgt Ion:244 Resp: 2379265
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.6 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129573.D
 Acq: 04 Aug 2022 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB146580BL

Tgt Ion:264 Resp: 392888
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.2 25.8

