

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129512.D
 Acq On : 02 Aug 2022 17:45
 Operator : CG\JU
 Sample : N3976-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Quant Time: Aug 03 01:47:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

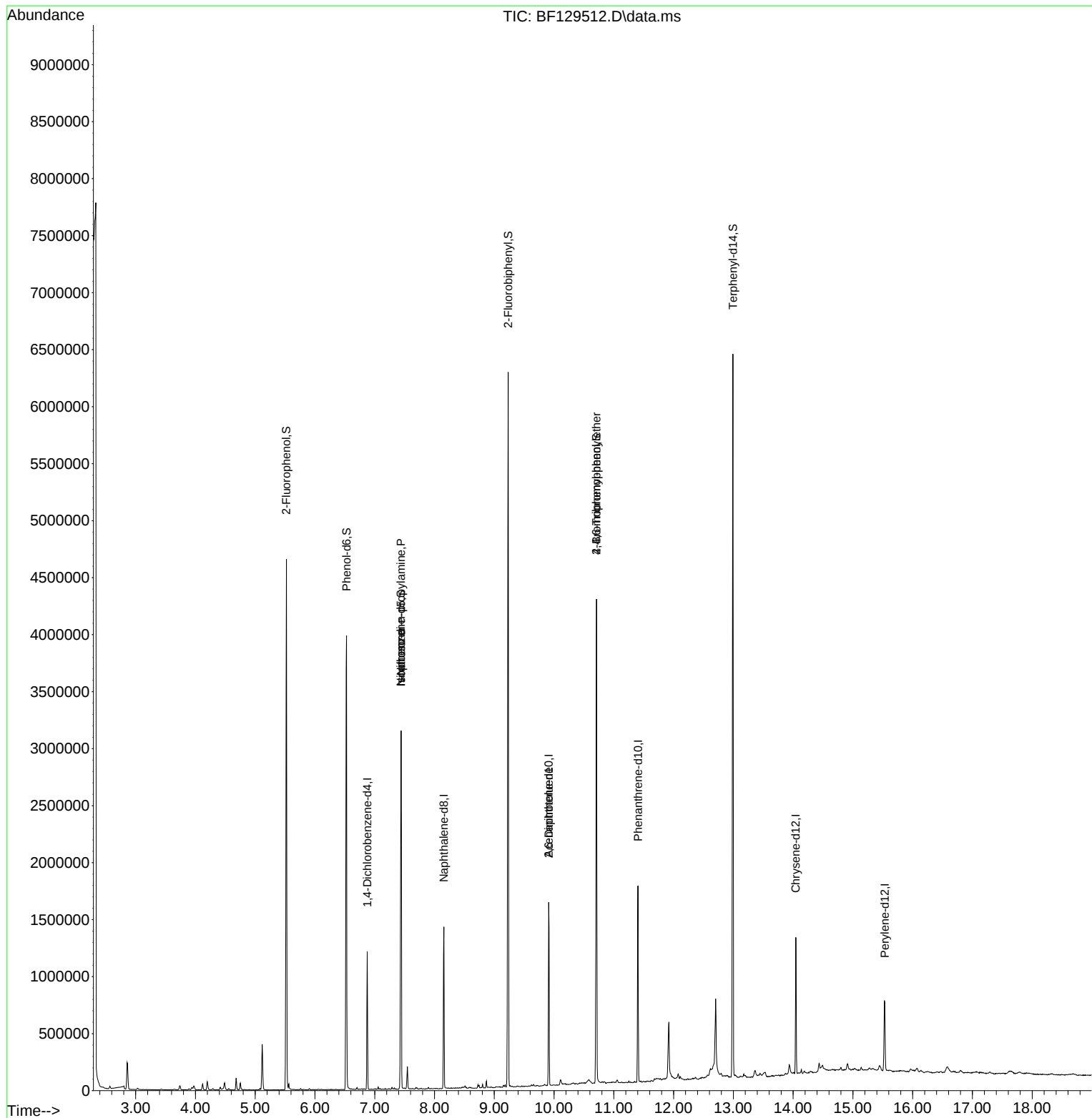
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	153956	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	606310	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	332401	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	573613	20.000	ng	0.00
76) Chrysene-d12	14.045	240	369575	20.000	ng	0.00
86) Perylene-d12	15.533	264	282314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1220021	129.090	ng	0.02
7) Phenol-d6	6.528	99	1426134	120.052	ng	0.00
23) Nitrobenzene-d5	7.440	82	1071181	96.443	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	490721	153.552	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1892847	88.091	ng	0.00
79) Terphenyl-d14	12.992	244	2155610	110.038	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	143058	19.892	ng	# 75
25) Isophorone	7.440	82	1070016	53.745	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	42305	8.237	ng	# 25
67) 4-Bromophenyl-phenylether	10.710	248	31380	4.996	ng	# 1

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

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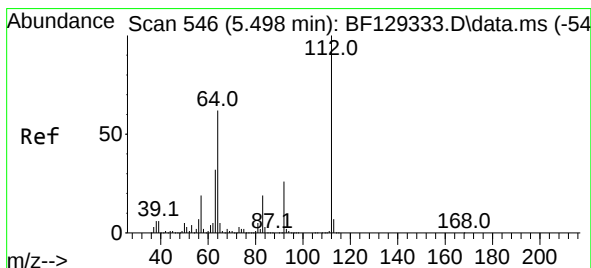
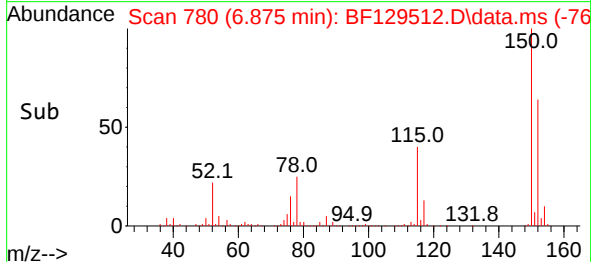
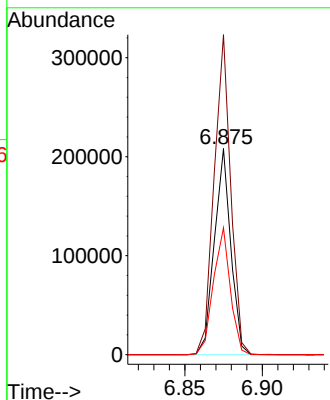
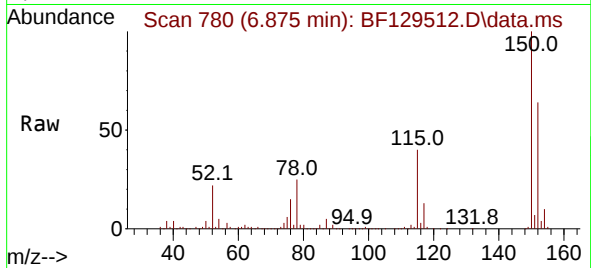




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

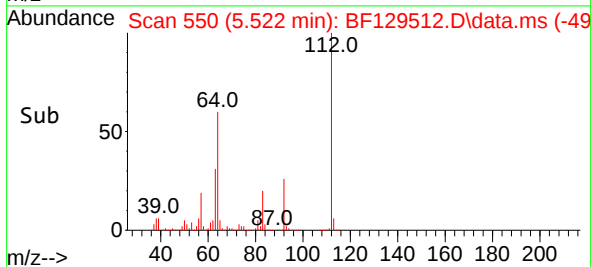
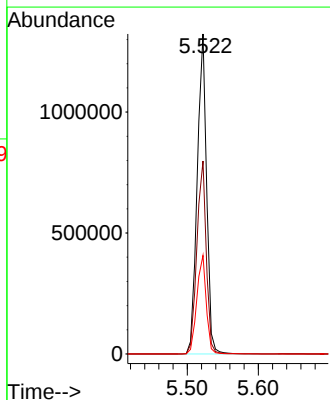
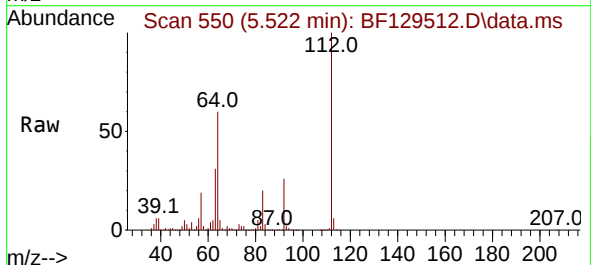
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Tgt Ion:152 Resp: 153956
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 61.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 129.090 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.018 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Tgt Ion:112 Resp: 1220021
 Ion Ratio Lower Upper
 112 100
 64 60.3 53.3 79.9
 63 30.8 28.0 42.0

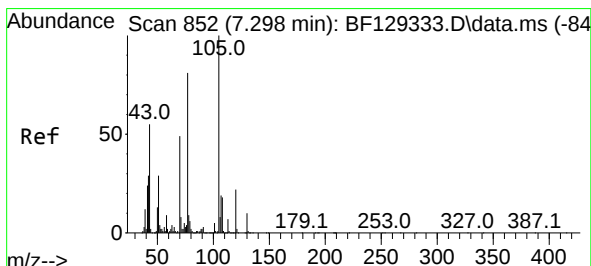
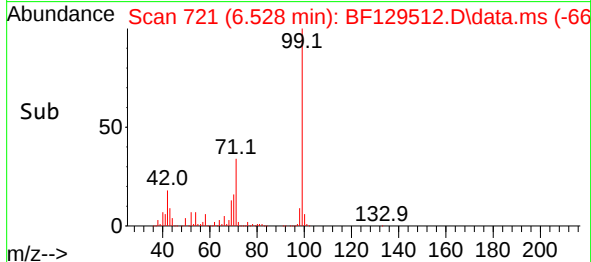
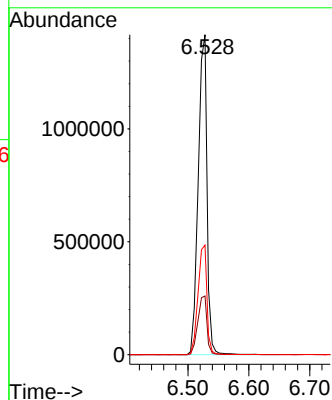
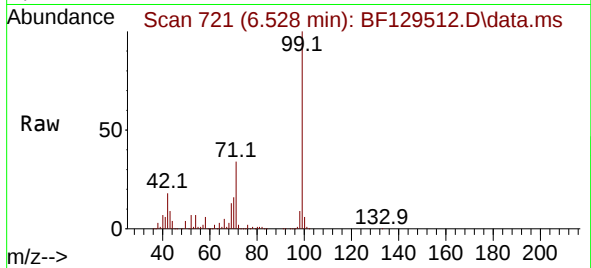




#7
Phenol-d6
Concen: 120.052 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

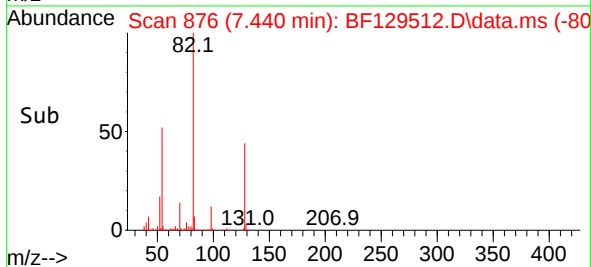
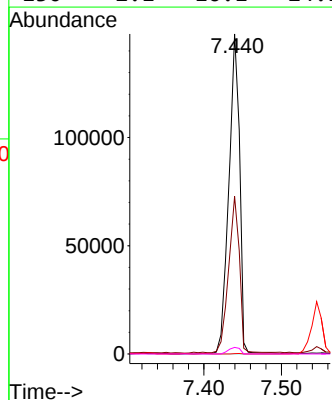
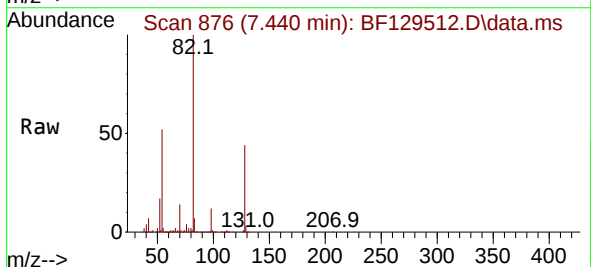
Instrument :
BNA_F
ClientSampleId :
TP3-0729

Tgt Ion: 99 Resp: 1426134
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 34.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.892 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion: 70 Resp: 143058
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.1 7.5 11.3#
130 2.1 16.1 24.1#



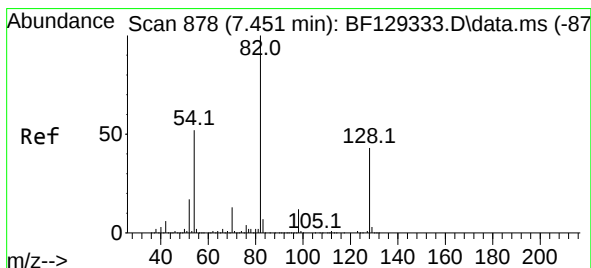
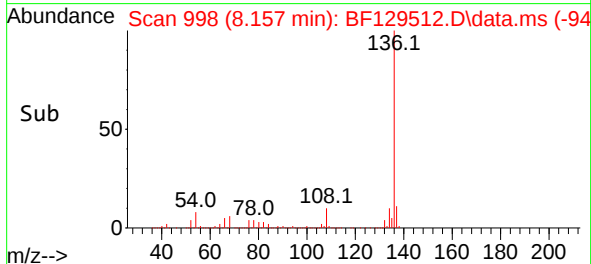
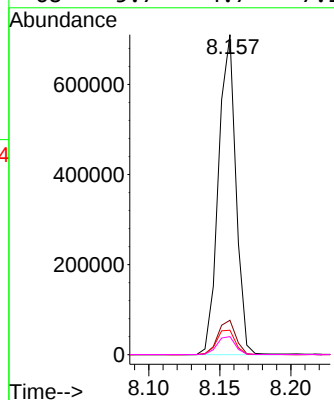
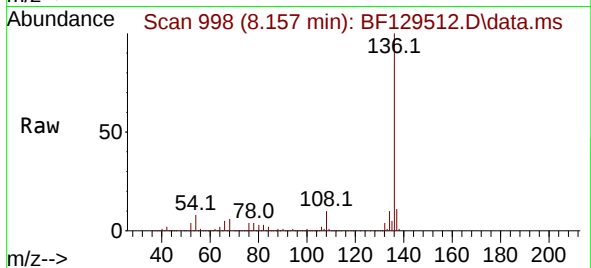


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Instrument :
BNA_F
ClientSampleId :
TP3-0729

Tgt Ion:136 Resp: 606310

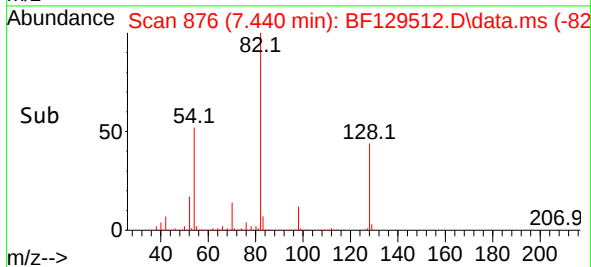
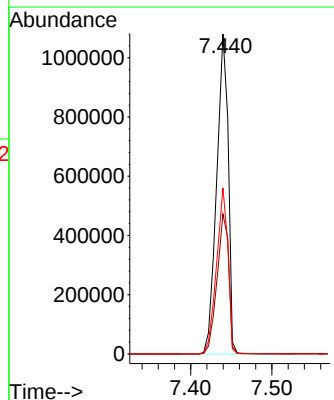
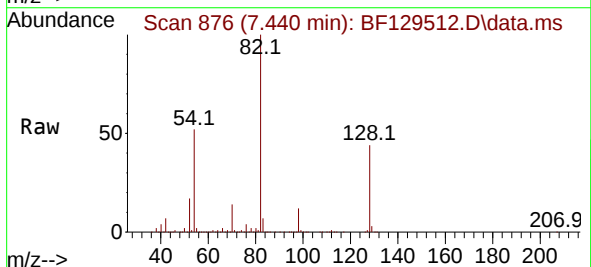
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	7.5	11.3
68	5.7	4.7	7.1

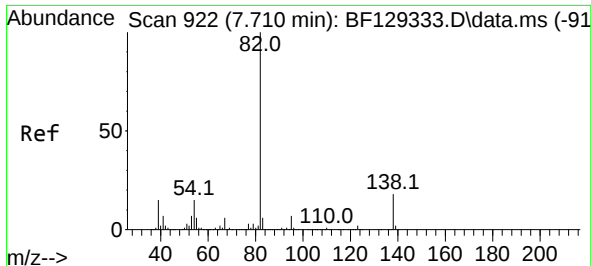


#23
Nitrobenzene-d5
Concen: 96.443 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion: 82 Resp: 1071181

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	51.9	46.9	70.3

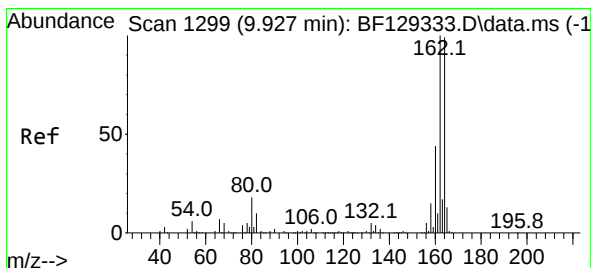
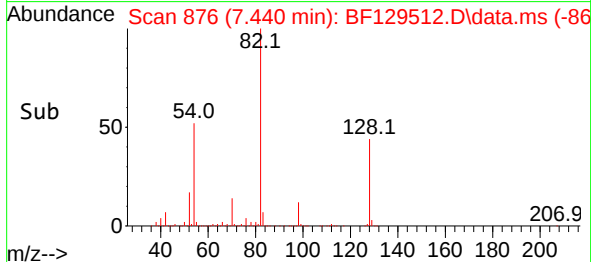
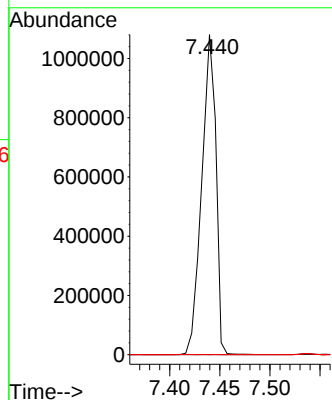
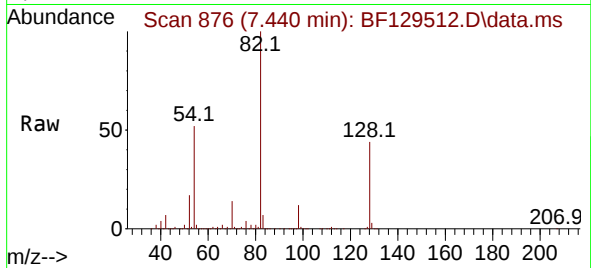




#25
Isophorone
Concen: 53.745 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

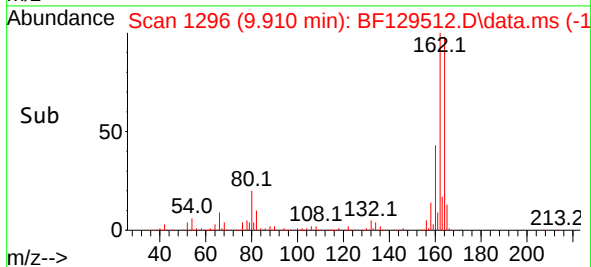
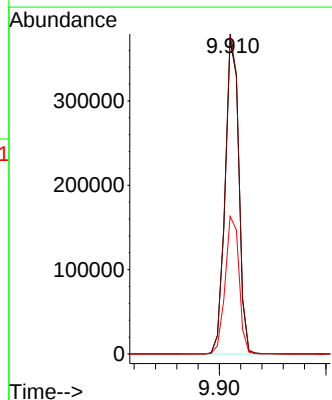
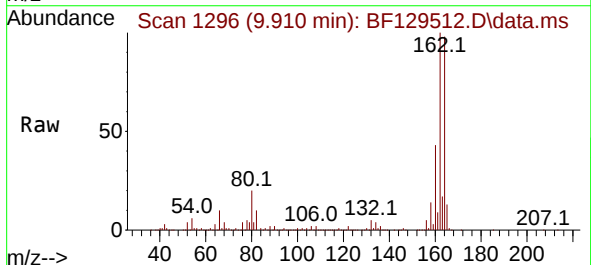
Instrument :
BNA_F
ClientSampleId :
TP3-0729

Tgt Ion: 82 Resp: 1070016
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: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion:164 Resp: 332401
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 43.8 34.2 51.4

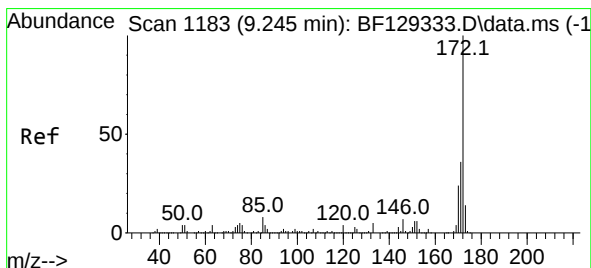
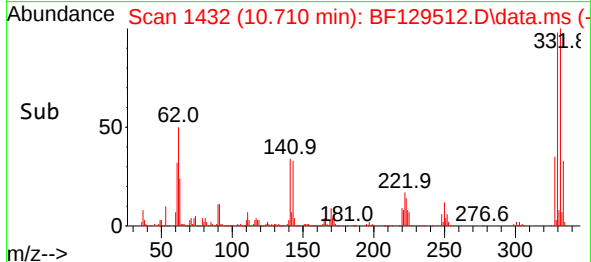
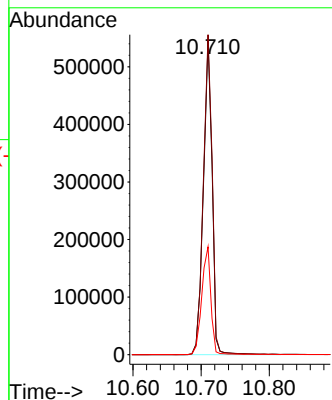
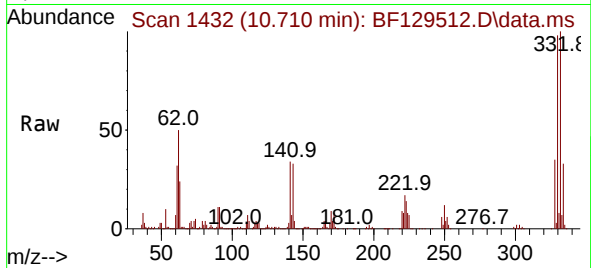




#42
 2,4,6-Tribromophenol
 Concen: 153.552 ng
 RT: 10.710 min Scan# 1432
 Delta R.T. 0.000 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

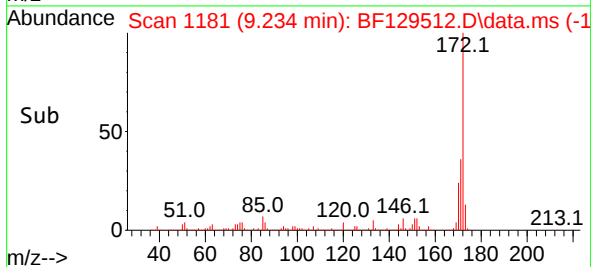
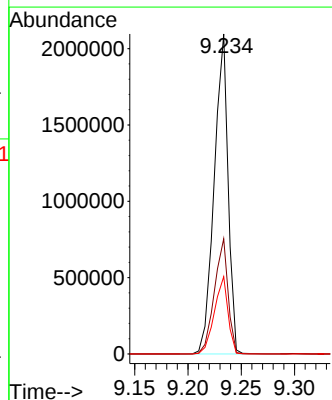
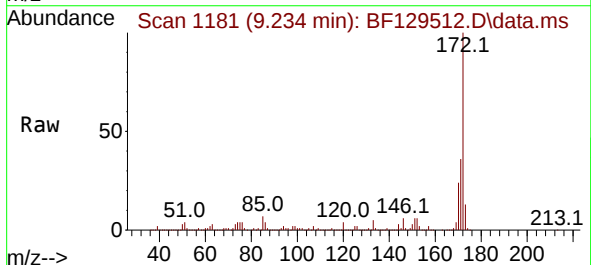
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 TP3-0729

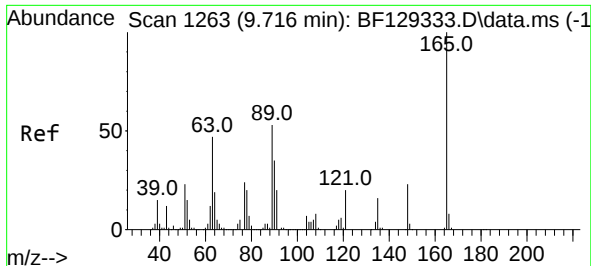
Tgt Ion:330 Resp: 490721
 Ion Ratio Lower Upper
 330 100
 332 103.2 76.8 115.2
 141 35.8 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 88.091 ng
 RT: 9.234 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Tgt Ion:172 Resp: 1892847
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 24.2 19.8 29.8

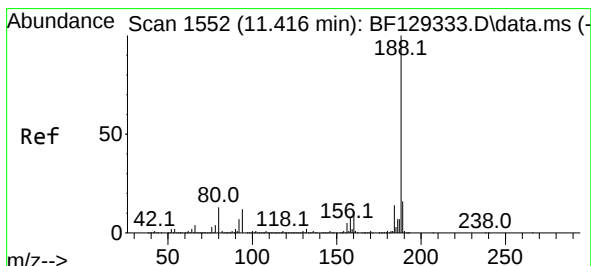
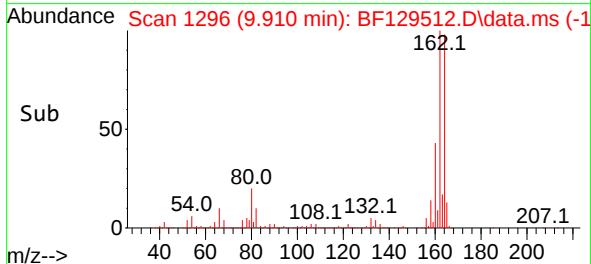
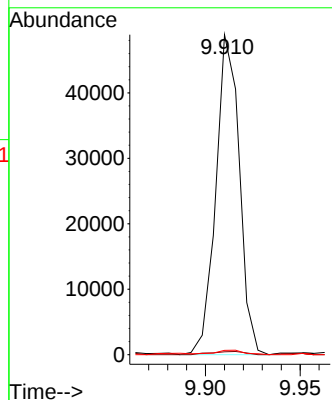
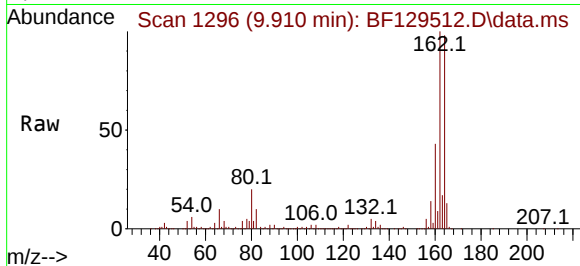




#51
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

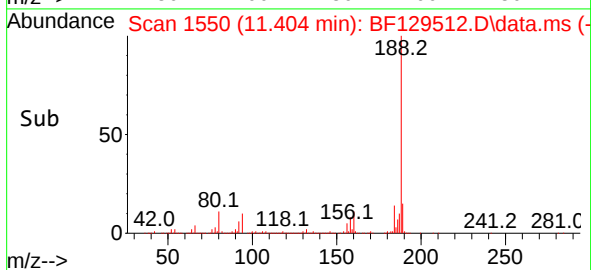
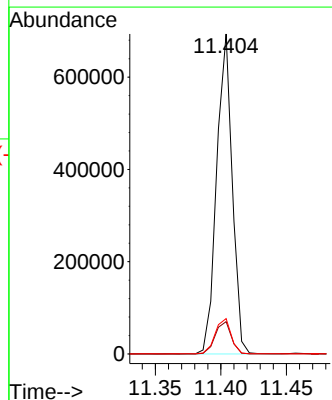
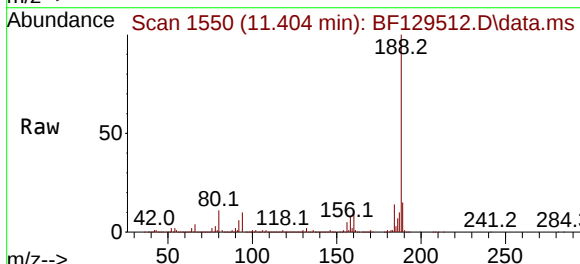
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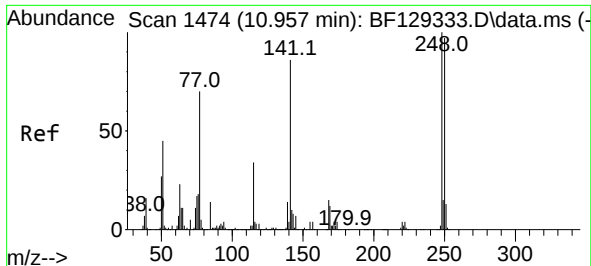
Tgt Ion:165 Resp: 42305
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion:188 Resp: 573613
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 11.1 7.6 11.4

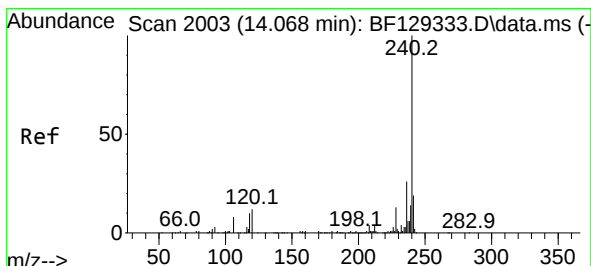
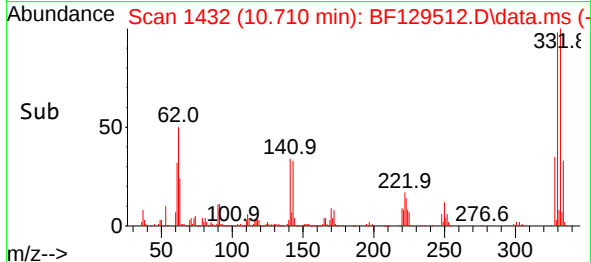
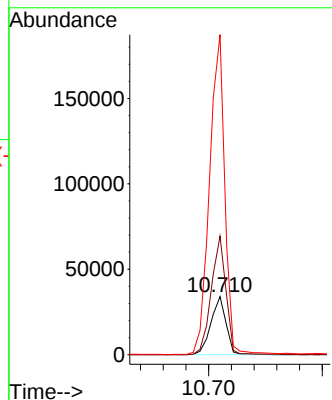
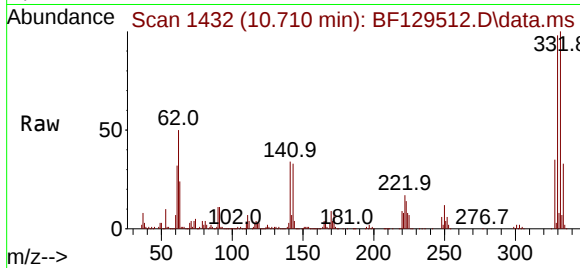




#67
4-Bromophenyl-phenylether
Concen: 4.996 ng
RT: 10.710 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

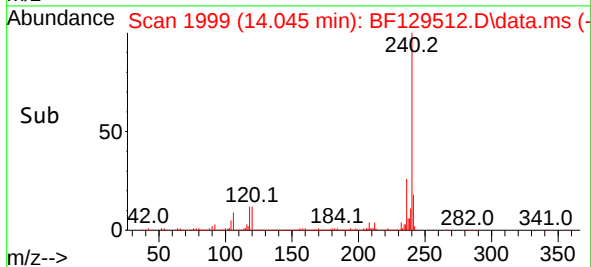
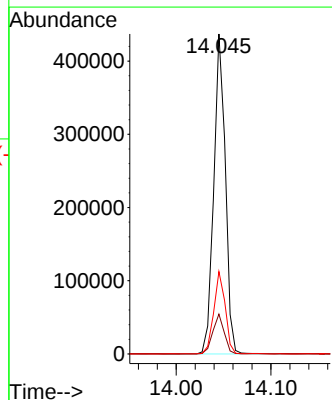
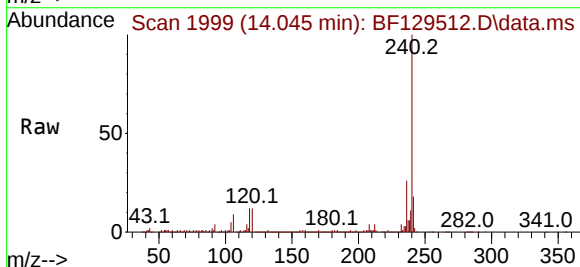
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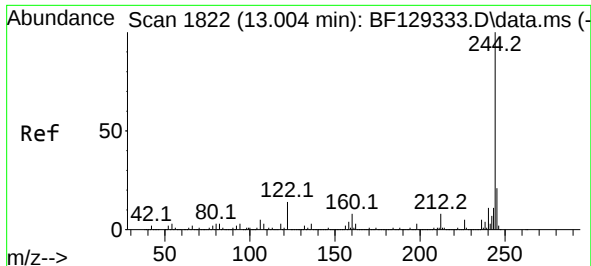
Tgt Ion:248 Resp: 31380
Ion Ratio Lower Upper
248 100
250 204.0 80.6 120.8#
141 550.3 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129512.D
Acq: 02 Aug 2022 17:45

Tgt Ion:240 Resp: 369575
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.7 20.8 31.2

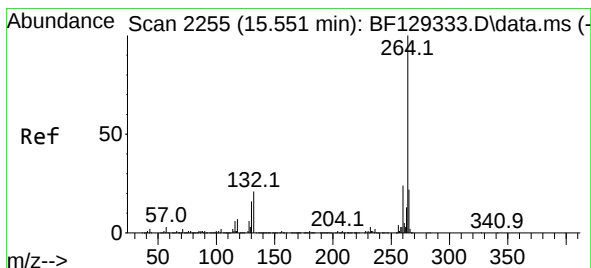
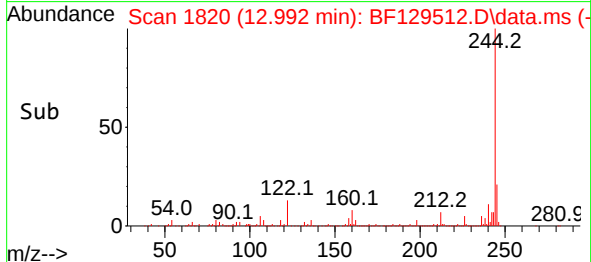
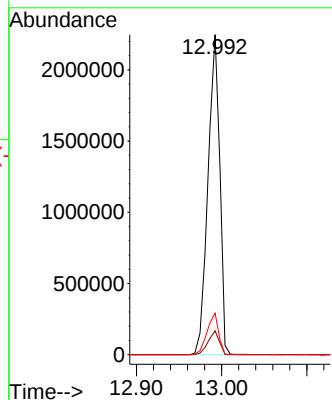
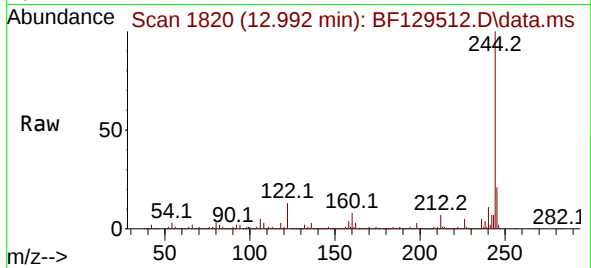




#79
 Terphenyl-d14
 Concen: 110.038 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0729

Tgt Ion:244 Resp: 2155610
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. 0.006 min
 Lab File: BF129512.D
 Acq: 02 Aug 2022 17:45

Tgt Ion:264 Resp: 282314
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.6 17.2 25.8

