

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129474.D
 Acq On : 01 Aug 2022 15:30
 Operator : CG\JU
 Sample : N3977-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-TOTE-0729

Quant Time: Aug 02 01:16:26 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)

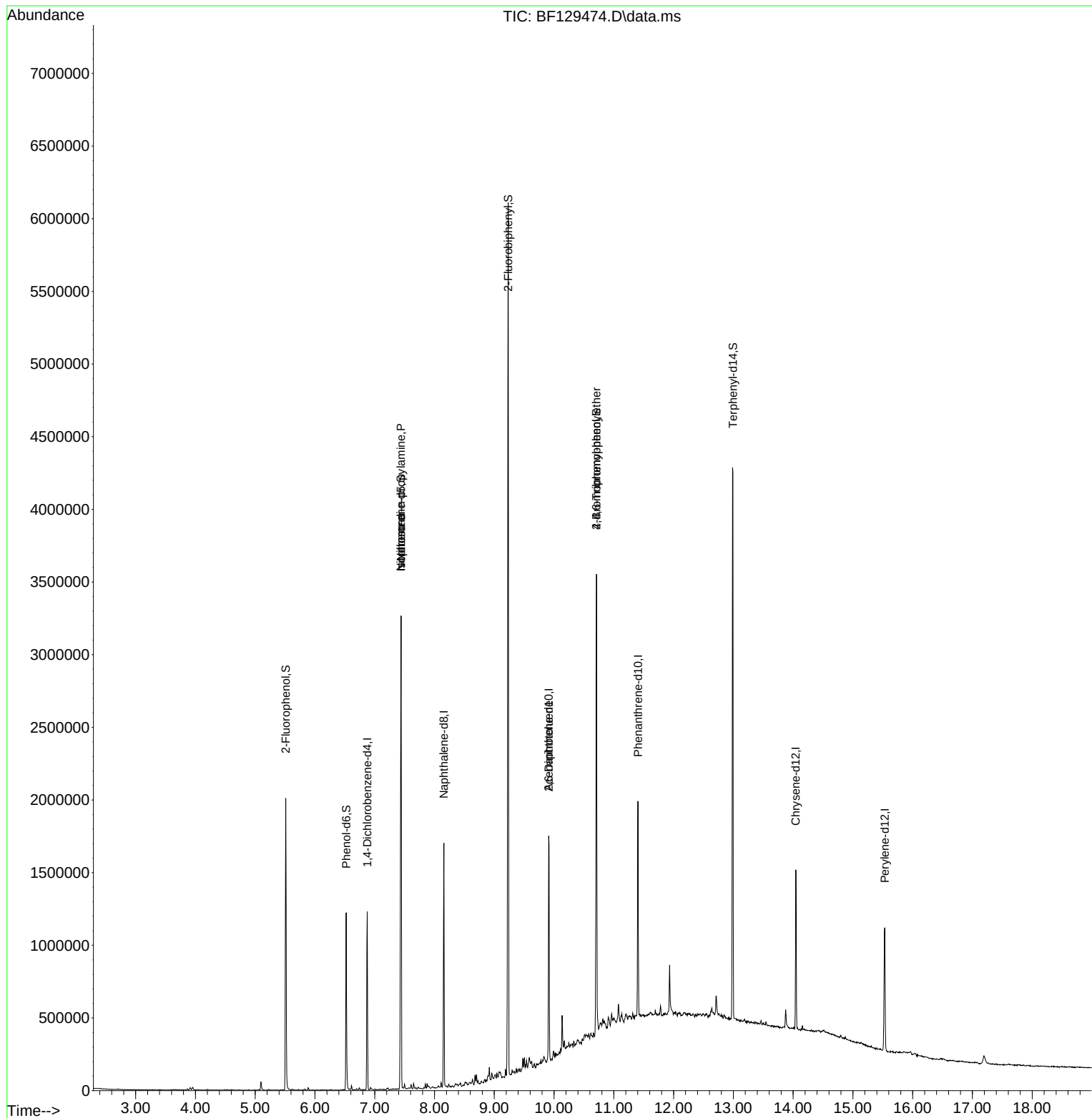
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	172906	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	672176	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	334639	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	474685	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	351639	20.000	ng	0.00
86) Perylene-d12	15.533	264	396981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	517964	48.799	ng	0.00
7) Phenol-d6	6.522	99	386625	28.979	ng	0.00
23) Nitrobenzene-d5	7.440	82	1051496	85.394	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	375042	116.570	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1815514	83.926	ng	0.00
79) Terphenyl-d14	12.992	244	1381014	74.093	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	139209	17.236	ng	# 76
25) Isophorone	7.440	82	1051496	47.639	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	44024	8.514	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	23405	4.503	ng	# 1

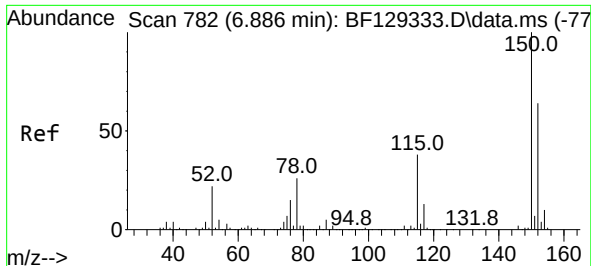
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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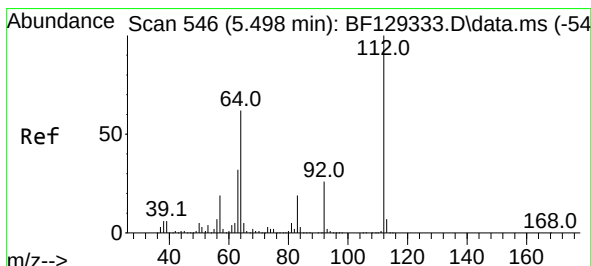
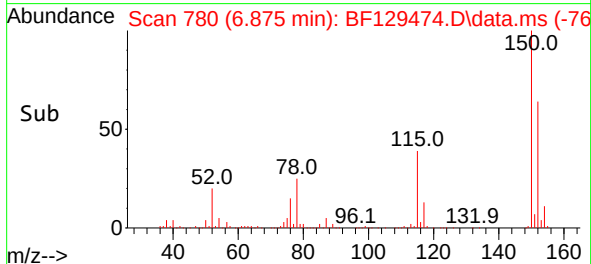
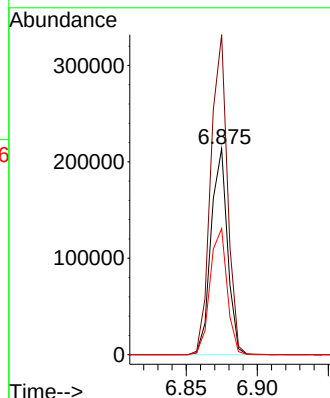
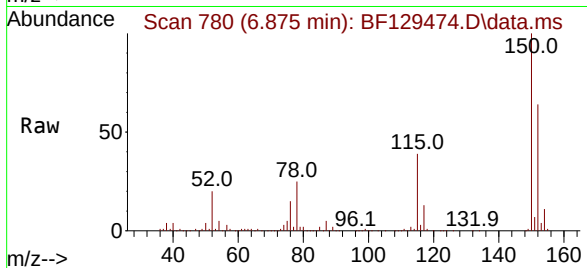




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

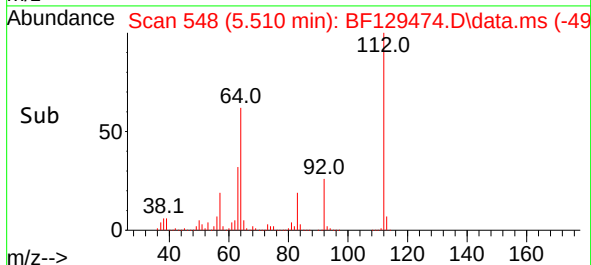
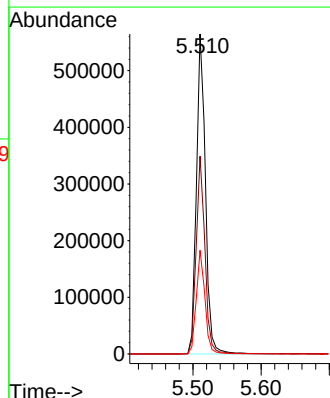
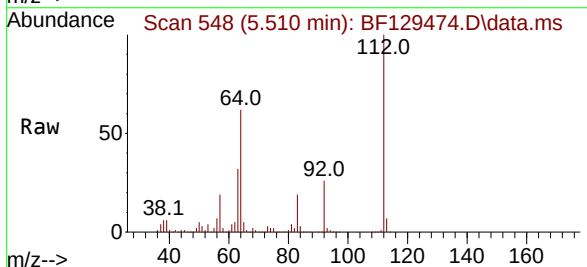
Instrument :
BNA_F
ClientSampleId :
MS-TOTE-0729

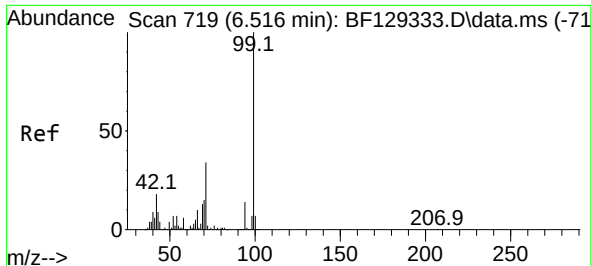
Tgt Ion:152 Resp: 172906
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 48.799 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion:112 Resp: 517964
Ion Ratio Lower Upper
112 100
64 61.8 53.3 79.9
63 32.4 28.0 42.0

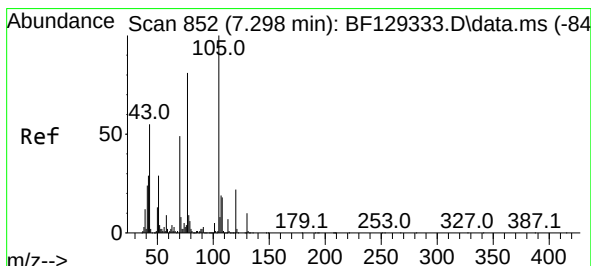
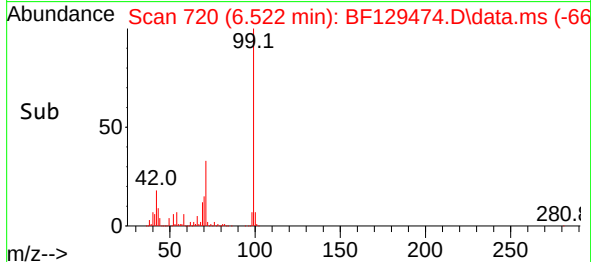
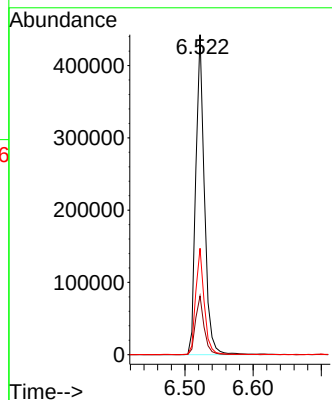
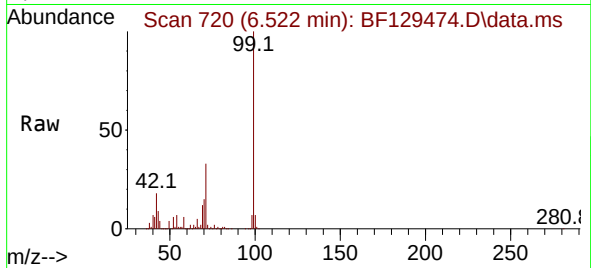




#7
Phenol-d6
Concen: 28.979 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

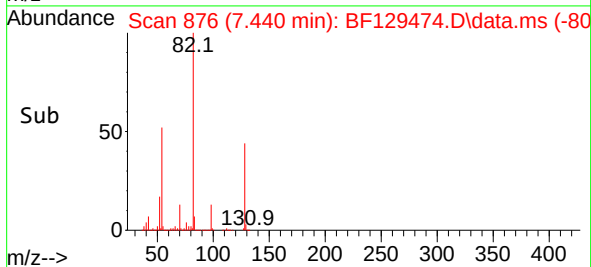
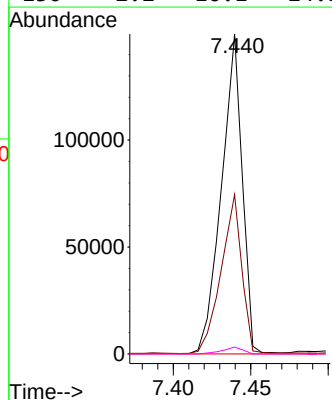
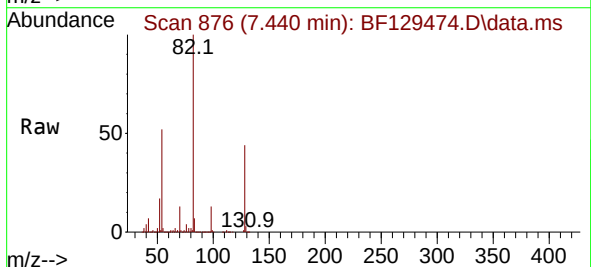
Instrument :
BNA_F
ClientSampleId :
MS-TOTE-0729

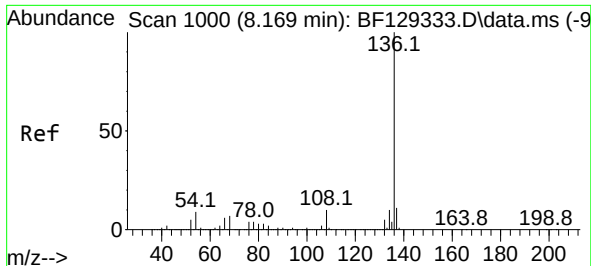
Tgt Ion: 99 Resp: 386625
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 33.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.236 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion: 70 Resp: 139209
Ion Ratio Lower Upper
70 100
42 49.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



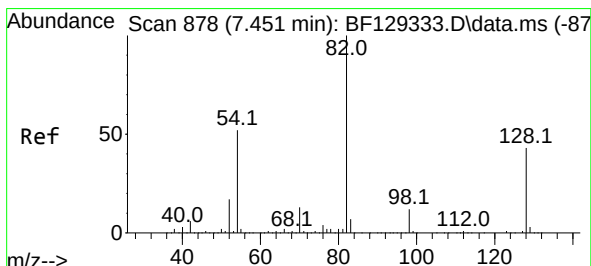
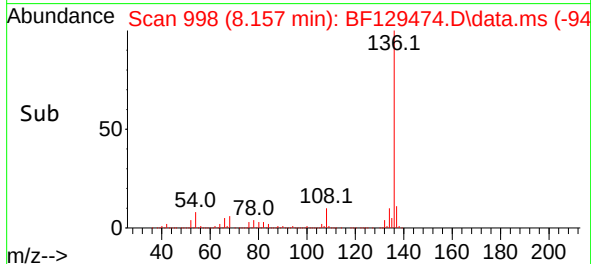
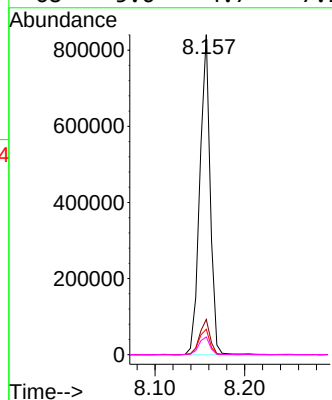
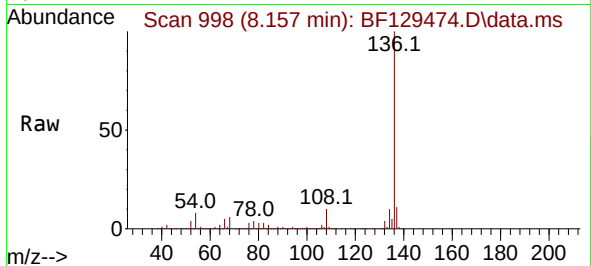


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Instrument :
BNA_F
ClientSampleId :
MS-TOTE-0729

Tgt Ion:136 Resp: 672176

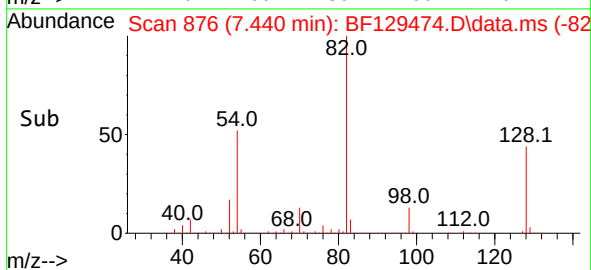
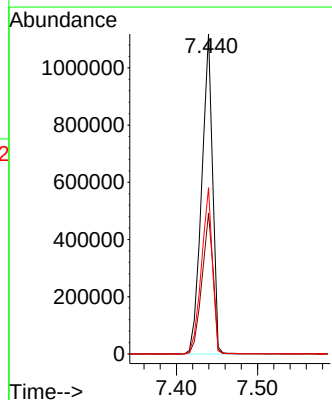
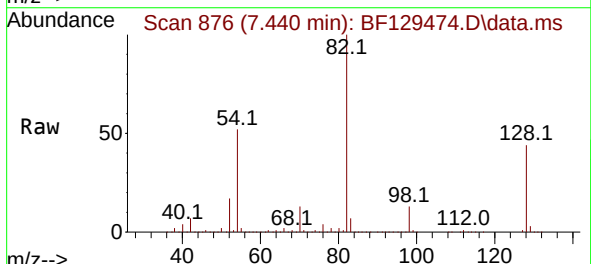
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1

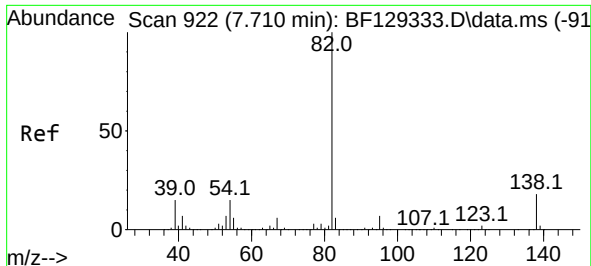


#23
Nitrobenzene-d5
Concen: 85.394 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion: 82 Resp: 1051496

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	52.0	46.9	70.3

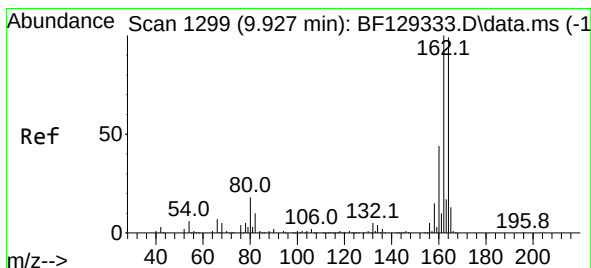
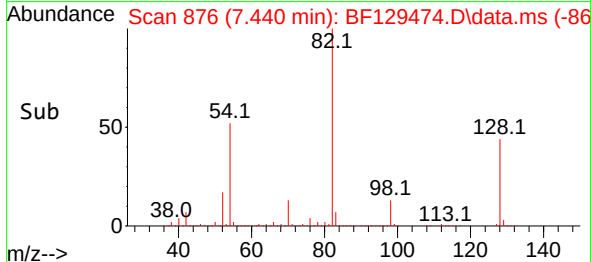
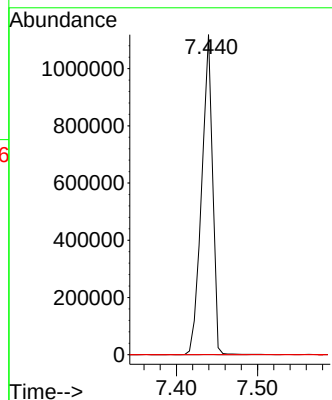
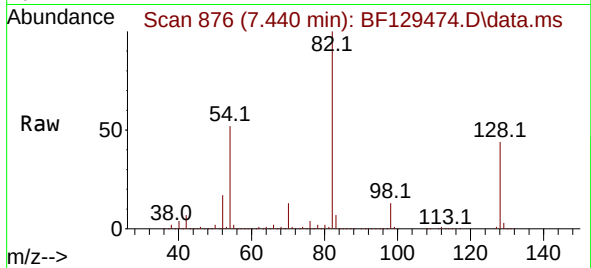




#25
Isophorone
Concen: 47.639 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

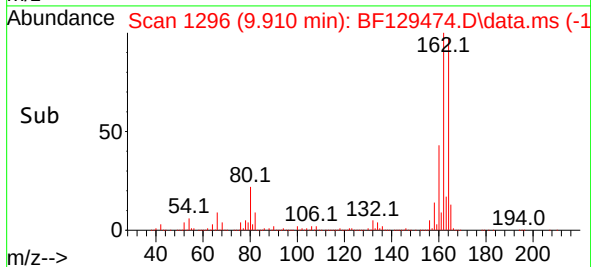
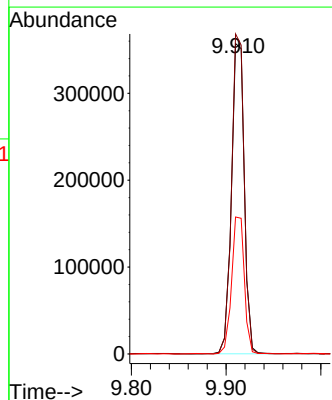
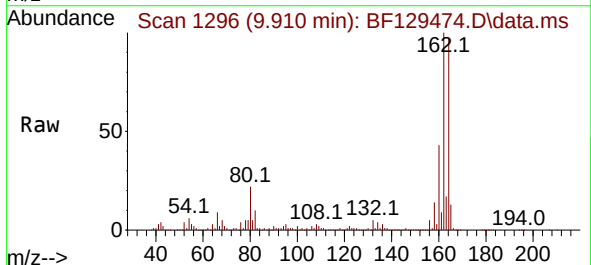
Instrument :
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ClientSampleId :
MS-TOTE-0729

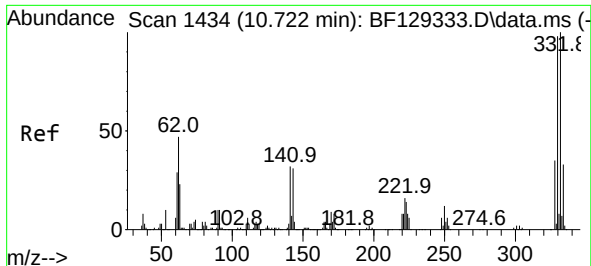
Tgt Ion: 82 Resp: 1051496
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion:164 Resp: 334639
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 116.570 ng

RT: 10.710 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF129474.D

Acq: 01 Aug 2022 15:30

Instrument :

BNA_F

ClientSampleId :

MS-TOTE-0729

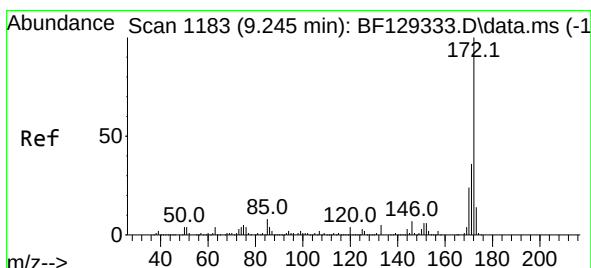
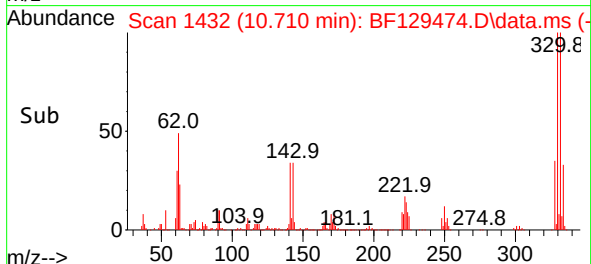
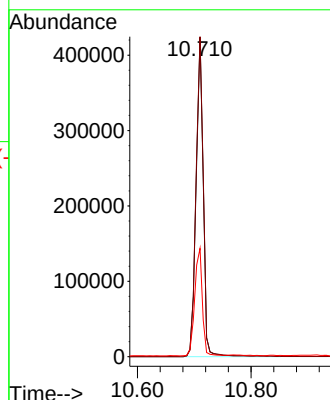
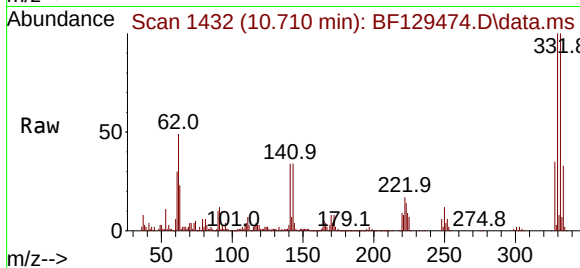
Tgt Ion:330 Resp: 375042

Ion Ratio Lower Upper

330 100

332 101.5 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.926 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129474.D

Acq: 01 Aug 2022 15:30

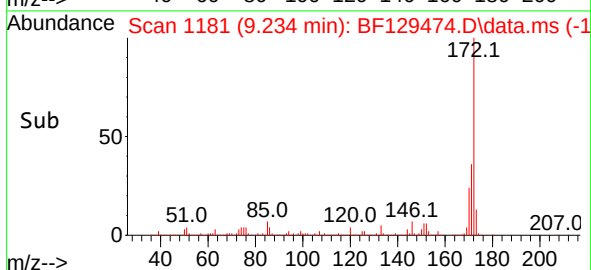
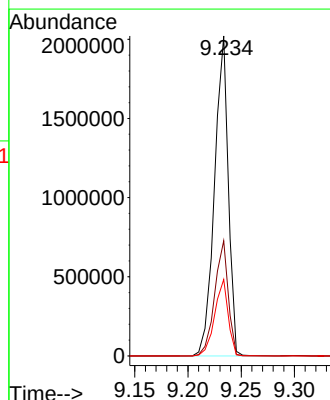
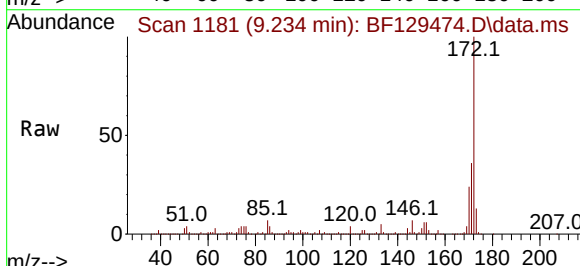
Tgt Ion:172 Resp: 1815514

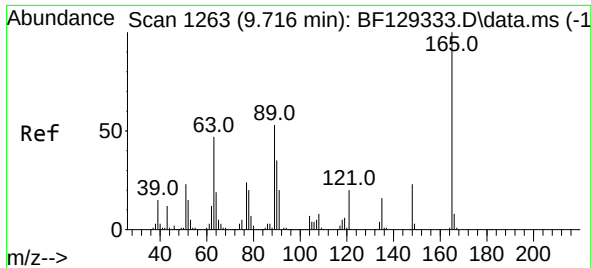
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 19.8 29.8

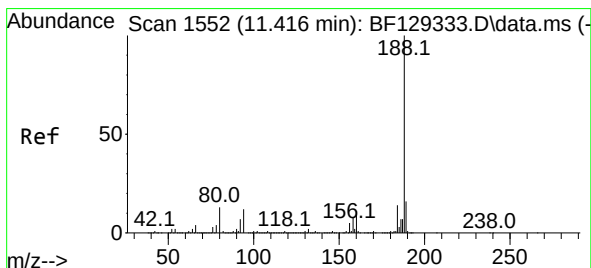
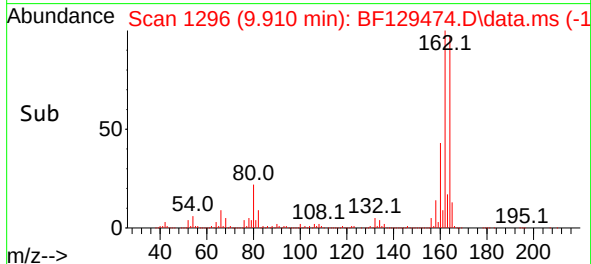
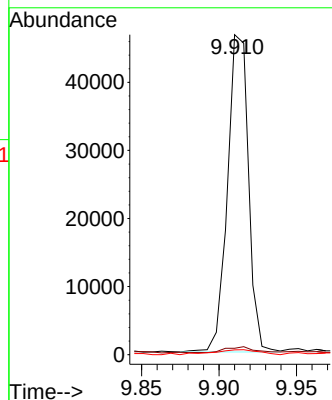
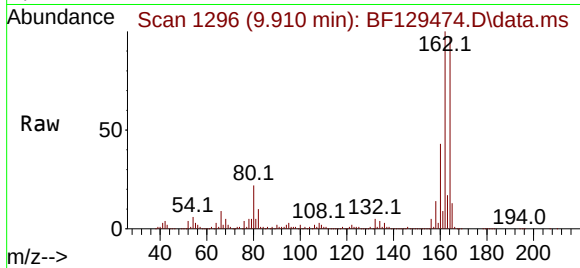




#51
2,6-Dinitrotoluene
Concen: 8.514 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

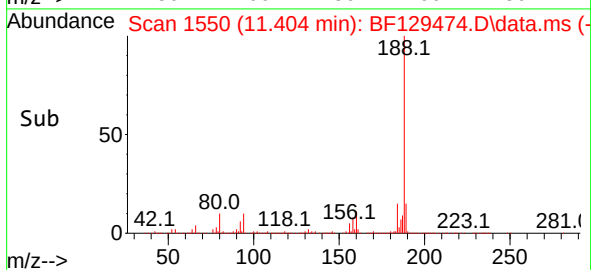
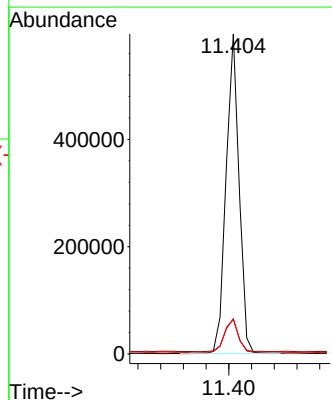
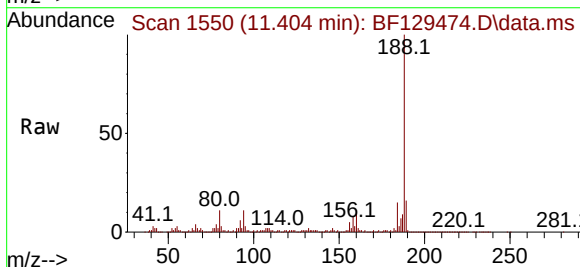
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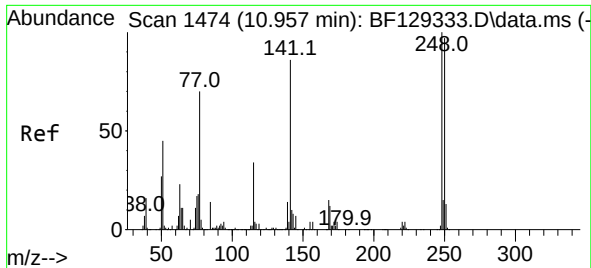
Tgt Ion:165 Resp: 44024
Ion Ratio Lower Upper
165 100
63 2.0 44.9 67.3#
89 1.5 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion:188 Resp: 474685
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 10.7 7.6 11.4

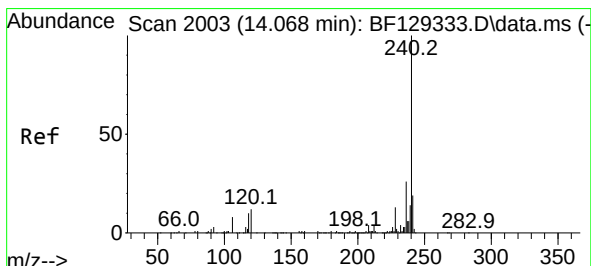
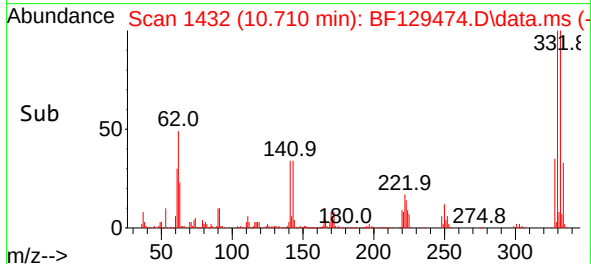
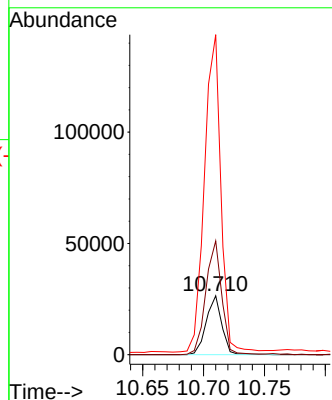
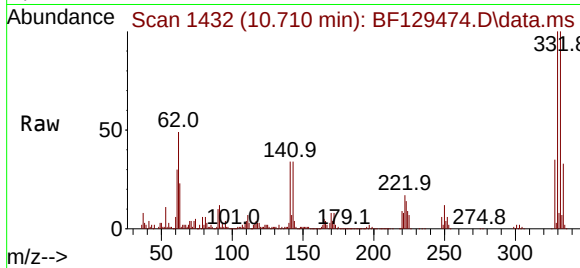




#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 10.710 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

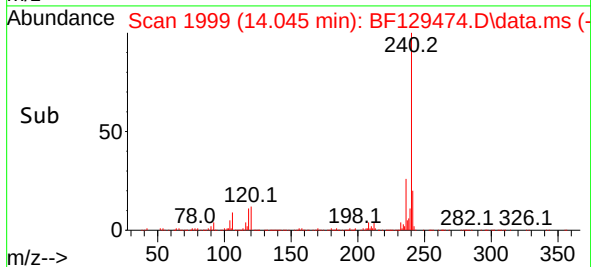
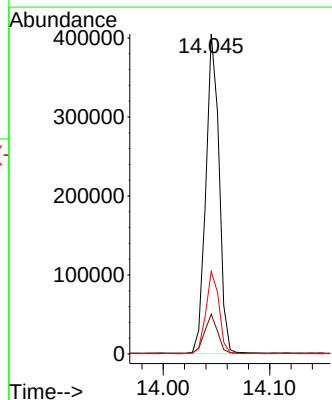
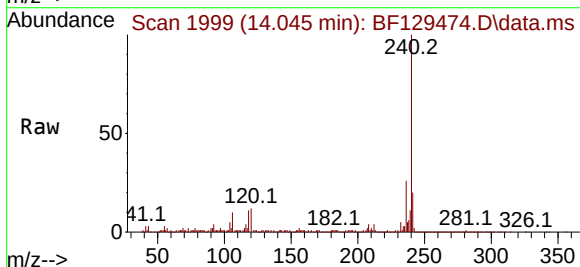
Instrument :
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MS-TOTE-0729

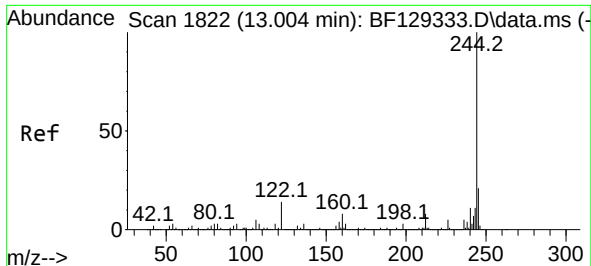
Tgt Ion:248 Resp: 23405
Ion Ratio Lower Upper
248 100
250 193.5 80.6 120.8#
141 544.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion:240 Resp: 351639
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.8 20.8 31.2

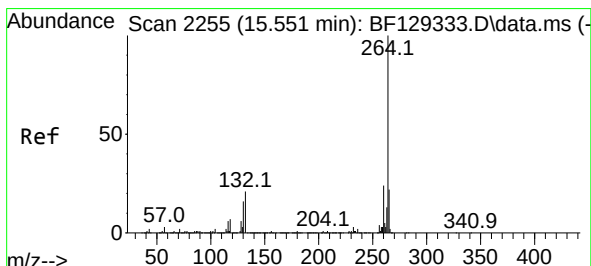
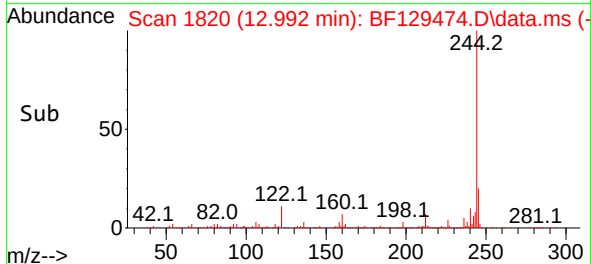
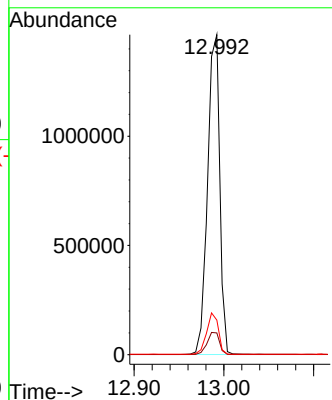
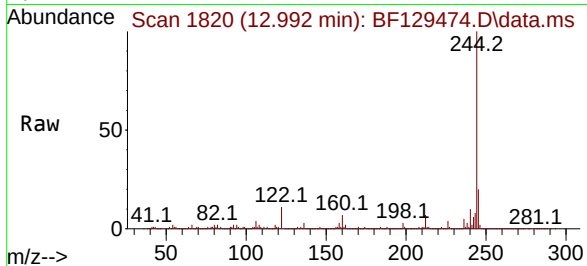




#79
 Terphenyl-d14
 Concen: 74.093 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. 0.006 min
 Lab File: BF129474.D
 Acq: 01 Aug 2022 15:30

Instrument :
 BNA_F
 ClientSampleId :
 MS-TOTE-0729

Tgt Ion:244 Resp: 1381014
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.8 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: BF129474.D
 Acq: 01 Aug 2022 15:30

Tgt Ion:264 Resp: 396981
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 17.2 25.8

