

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129104.D
 Acq On : 01 Jul 2022 21:28
 Operator : CG\JU
 Sample : N3562-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7A

Quant Time: Jul 02 01:27:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

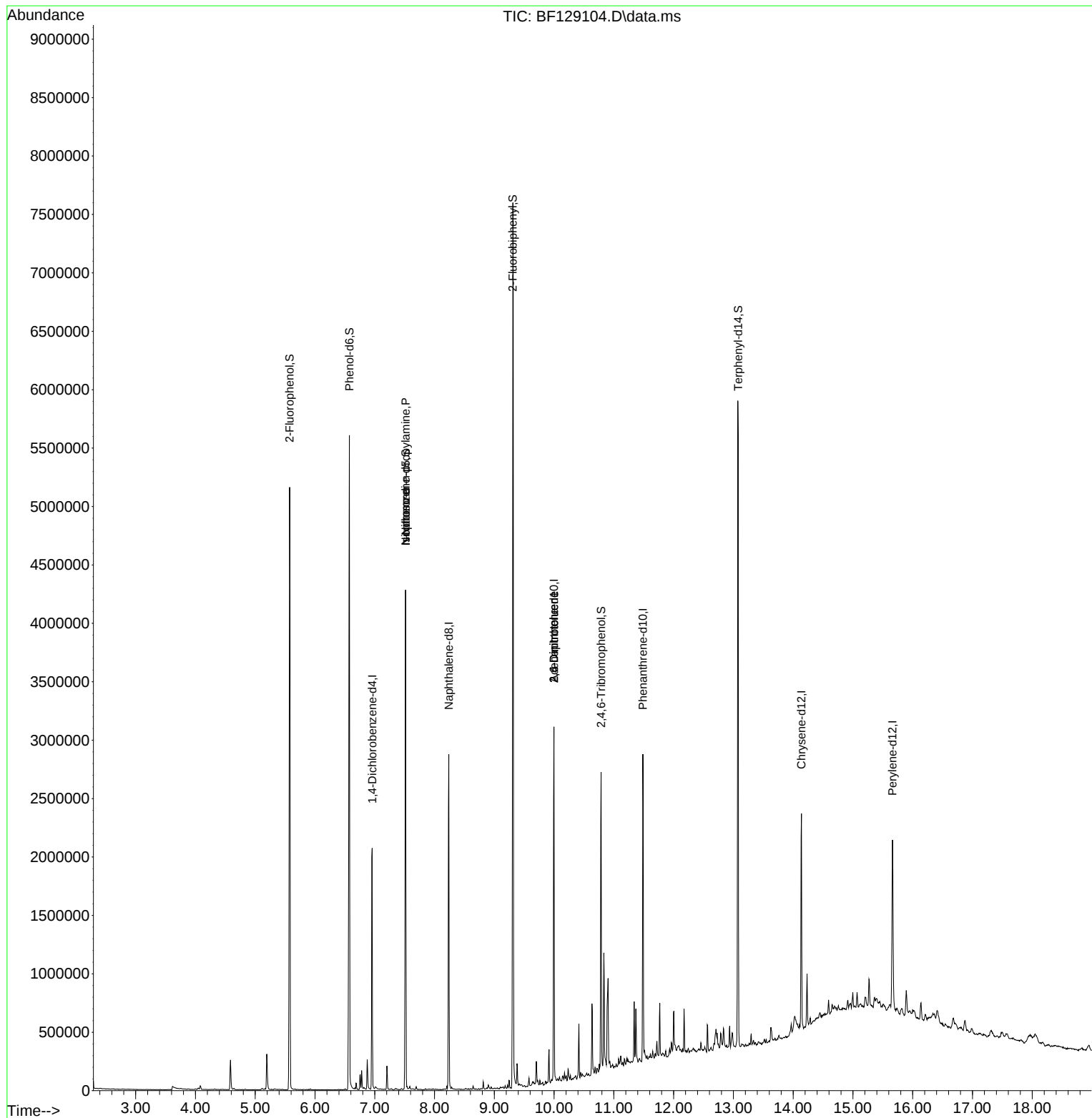
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	318612	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1215914	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	607215	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	946243	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	643092	20.000	ng	-0.01
86) Perylene-d12	15.662	264	676472	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1477326	78.391	ng	-0.01
7) Phenol-d6	6.575	99	1962330	83.839	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1254272	61.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	311065	47.113	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2451212	64.580	ng	-0.01
79) Terphenyl-d14	13.080	244	1979819	63.931	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1157	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.516	70	162533	12.004	ng	# 71
25) Isophorone	7.516	82	1228778	35.666	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	79833	10.284	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	80334	8.383	ng	# 21

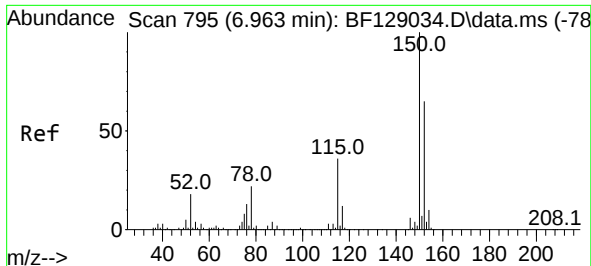
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 02 01:27:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

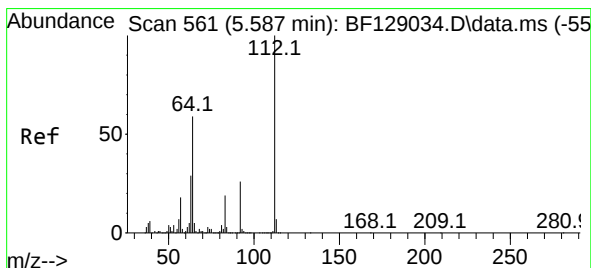
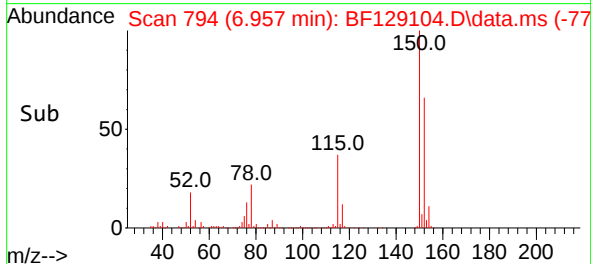
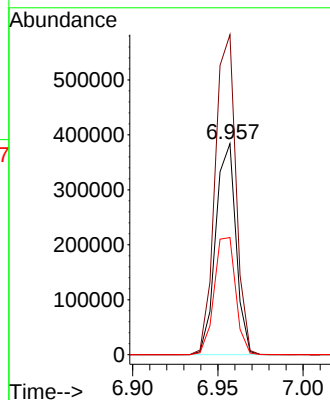
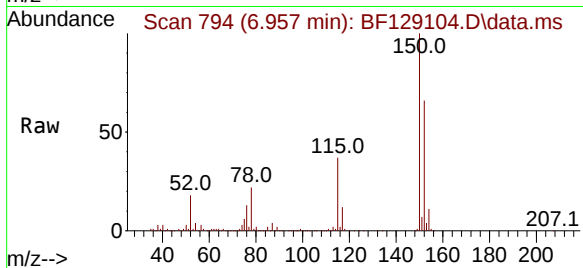




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

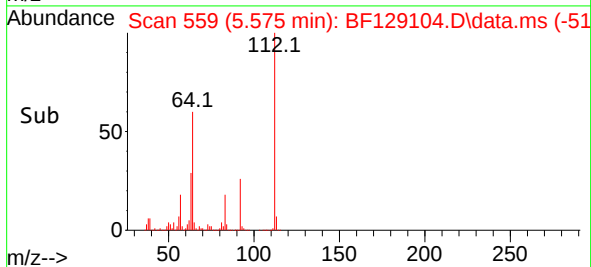
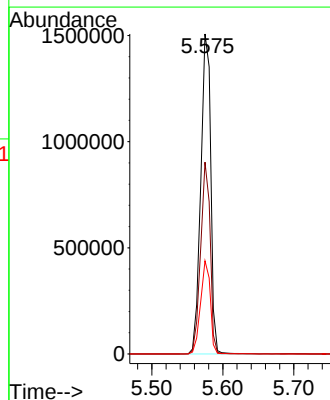
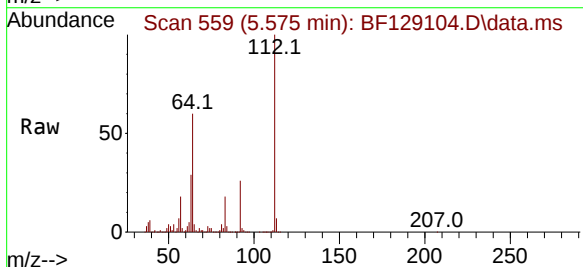
Instrument :
BNA_F
ClientSampleId :
SB-7A

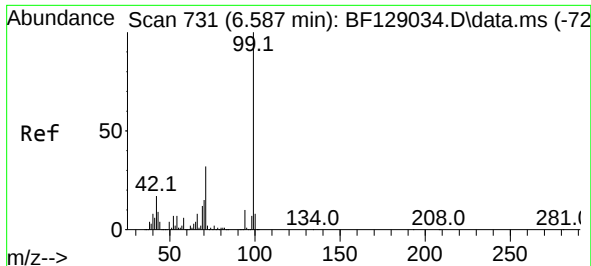
Tgt Ion:152 Resp: 318612
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 55.5 49.9 74.9



#5
2-Fluorophenol
Concen: 78.391 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion:112 Resp: 1477326
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 29.1 28.0 42.0





#7
Phenol-d6
Concen: 83.839 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

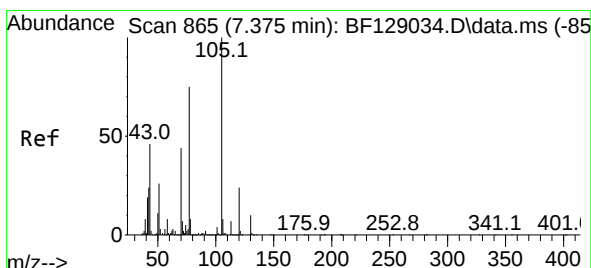
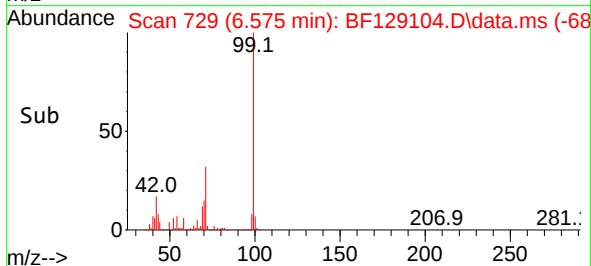
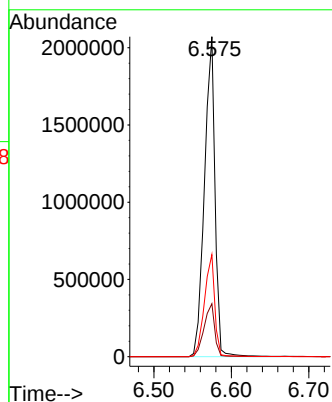
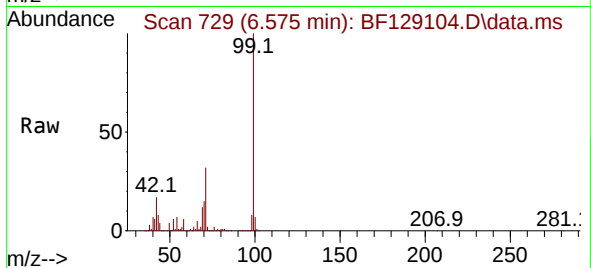
Instrument :

BNA_F

ClientSampleId :

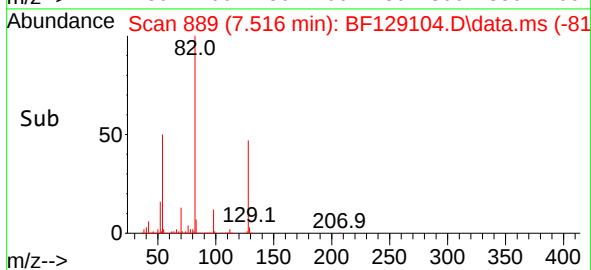
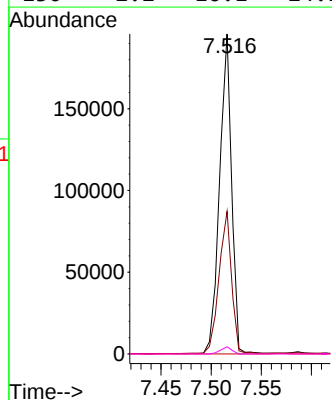
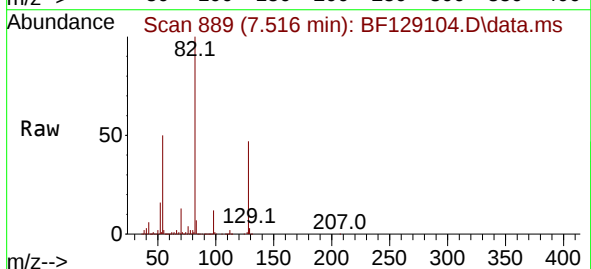
SB-7A

Tgt Ion: 99 Resp: 1962330
Ion Ratio Lower Upper
99 100
42 16.6 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.004 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion: 70 Resp: 162533
Ion Ratio Lower Upper
70 100
42 44.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

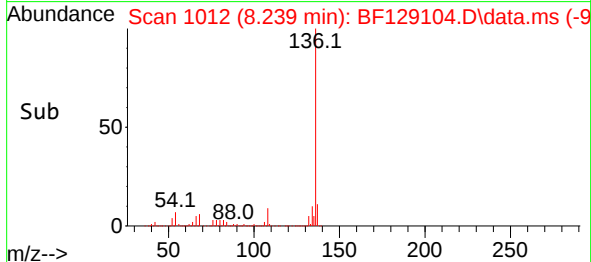
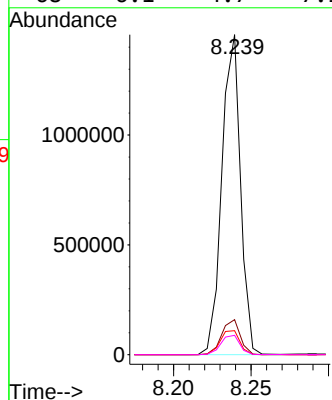
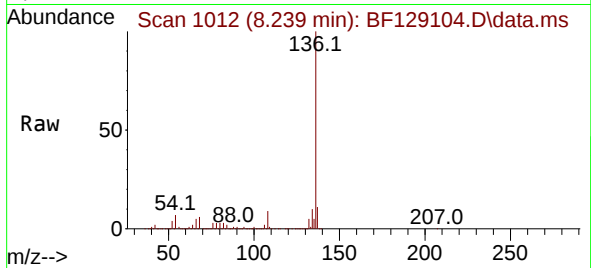




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

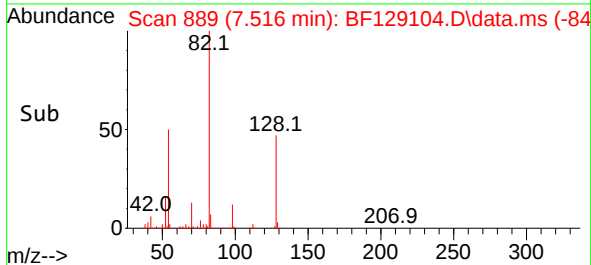
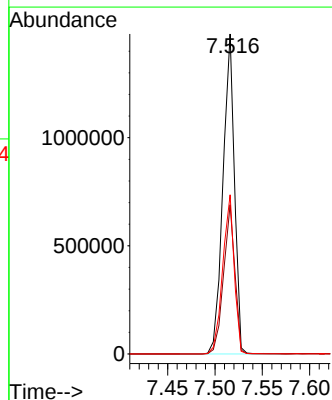
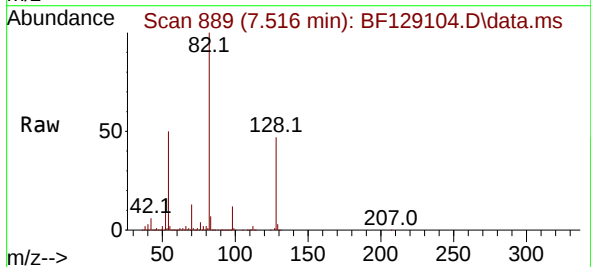
Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion:136 Resp: 1215914
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3#
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 61.528 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion: 82 Resp: 1254272
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.8 46.9 70.3

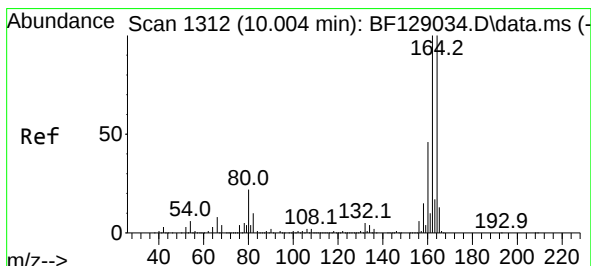
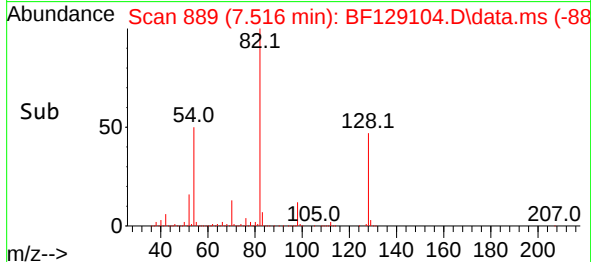
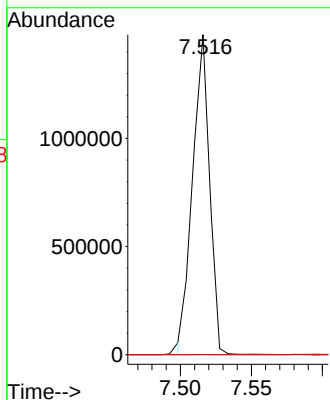
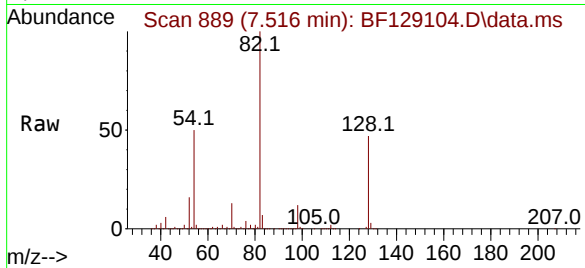




#25
Isophorone
Concen: 35.666 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.277 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

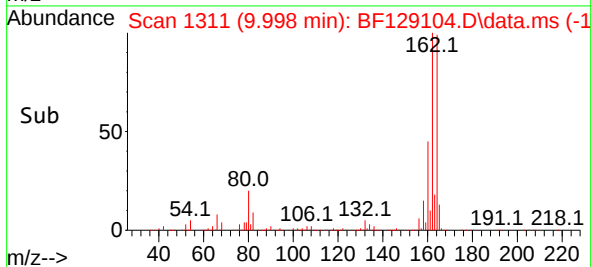
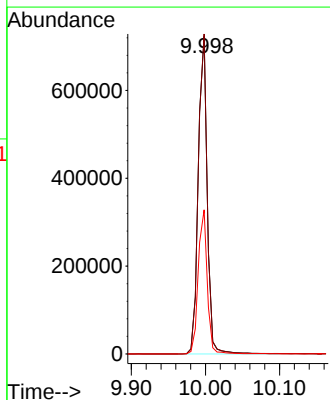
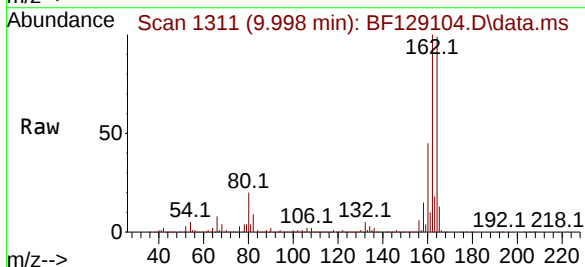
Instrument :
BNA_F
ClientSampleId :
SB-7A

Tgt Ion: 82 Resp: 1228778
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: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion:164 Resp: 607215
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.4 34.2 51.4

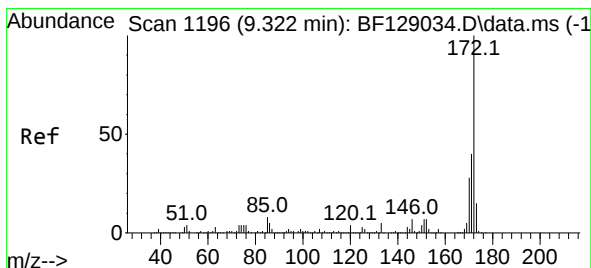
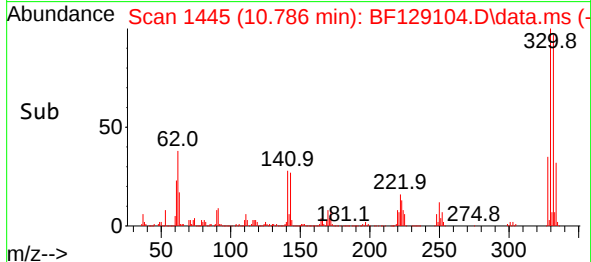
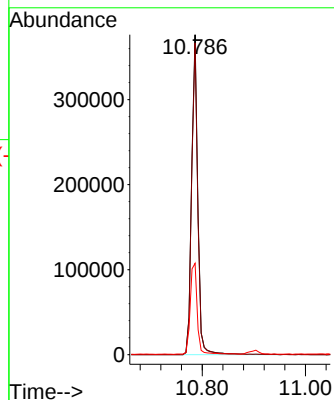
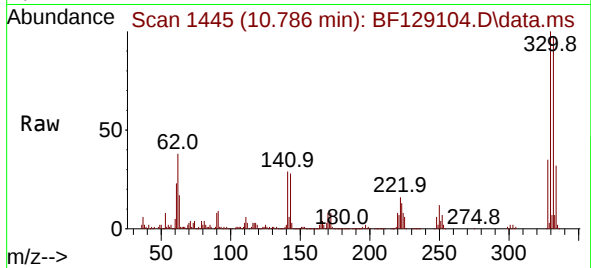




#42
2,4,6-Tribromophenol
Concen: 47.113 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

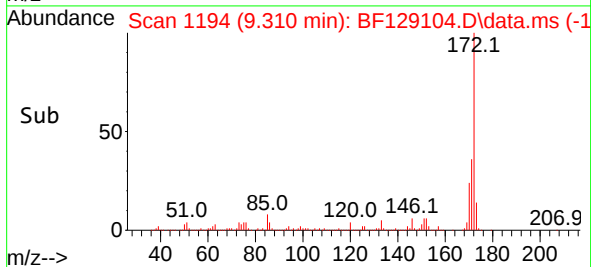
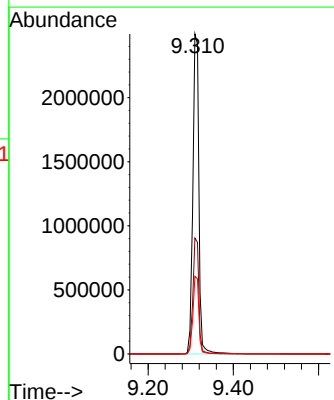
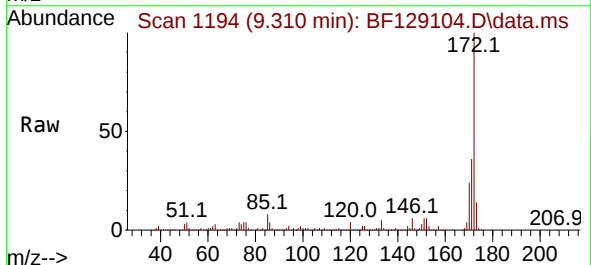
Instrument :
BNA_F
ClientSampleId :
SB-7A

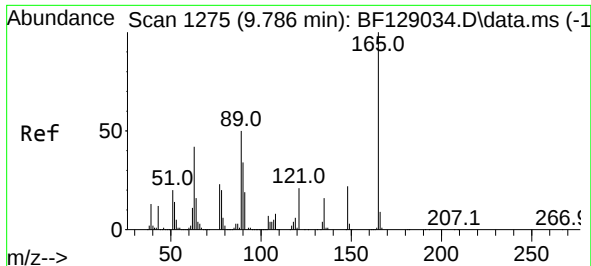
Tgt Ion:330 Resp: 311065
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 32.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 64.580 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion:172 Resp: 2451212
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 19.8 29.8

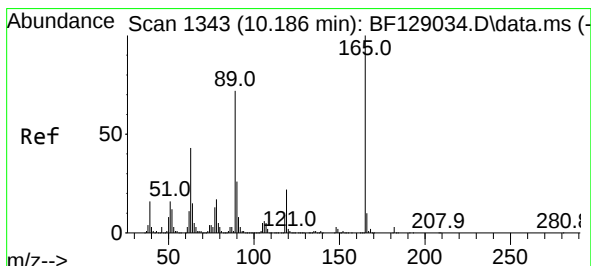
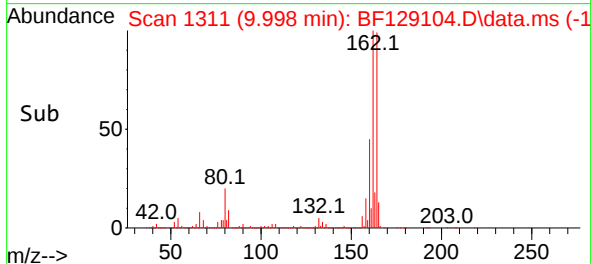
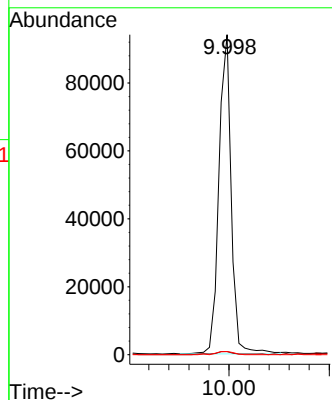
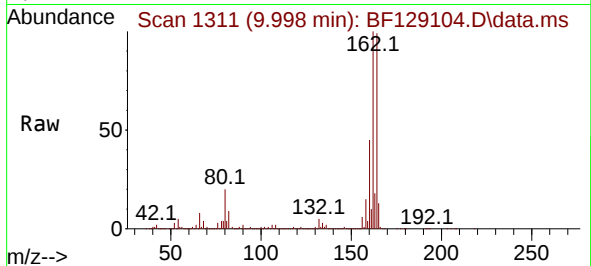




#51
2,6-Dinitrotoluene
Concen: 10.284 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

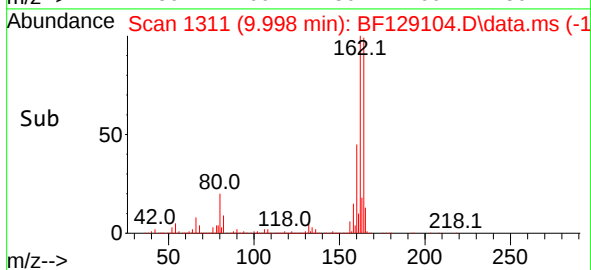
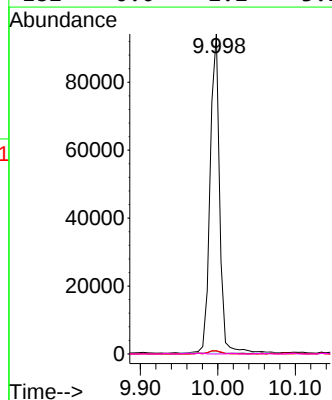
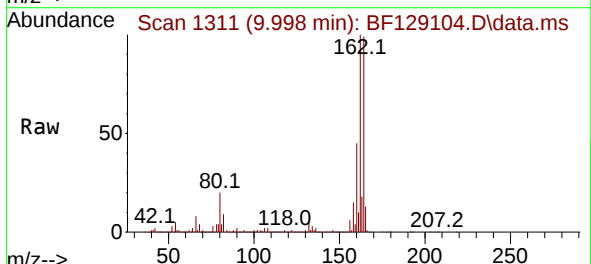
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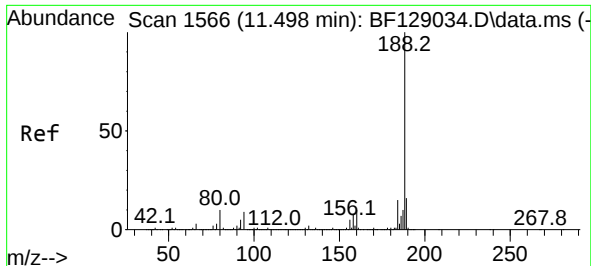
Tgt Ion:165 Resp: 79833
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.383 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion:165 Resp: 80334
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

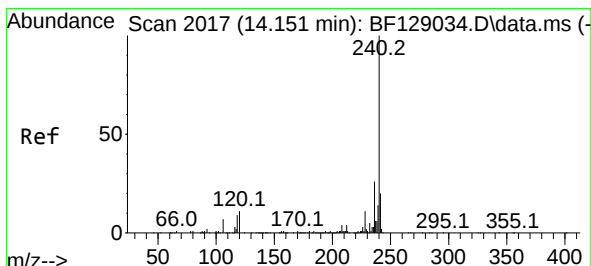
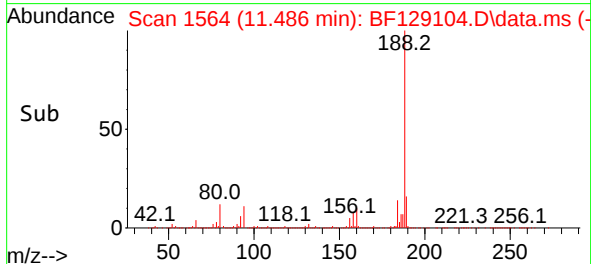
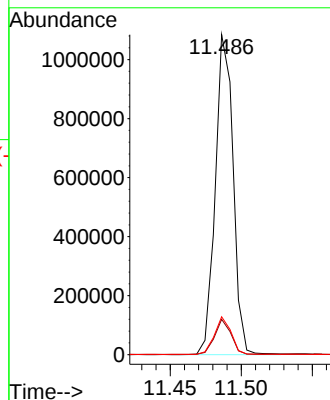
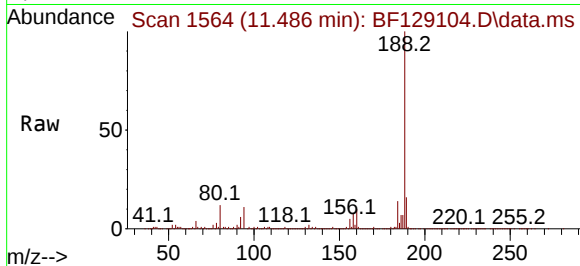




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

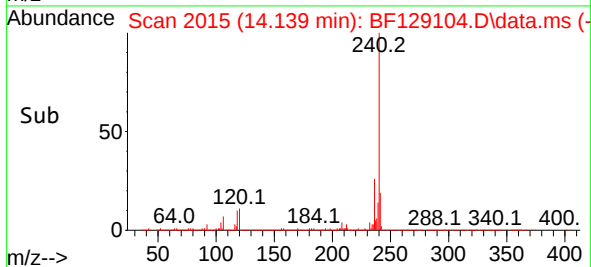
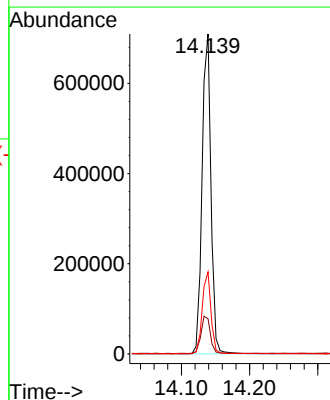
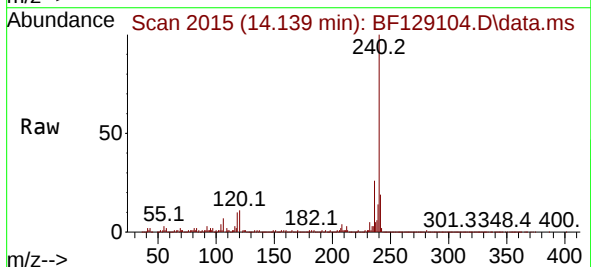
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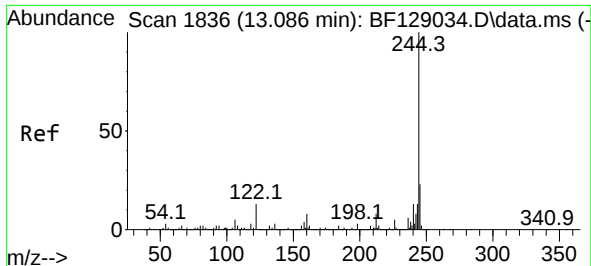
Tgt Ion:188 Resp: 946243
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129104.D
Acq: 01 Jul 2022 21:28

Tgt Ion:240 Resp: 643092
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.6 20.8 31.2

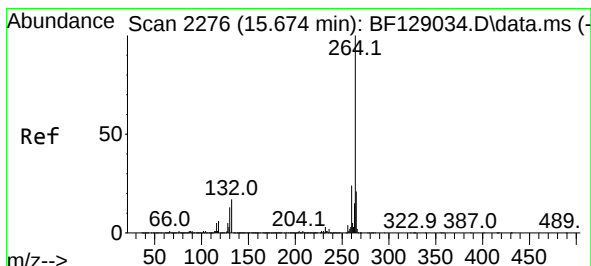
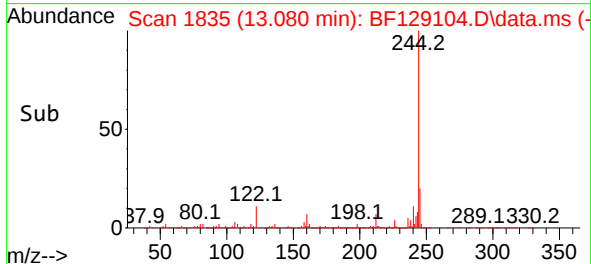
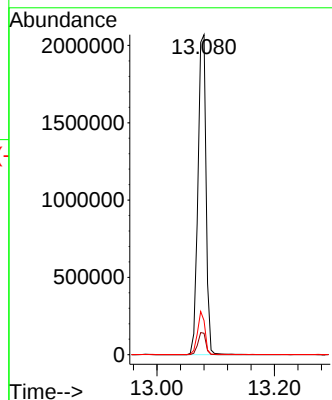
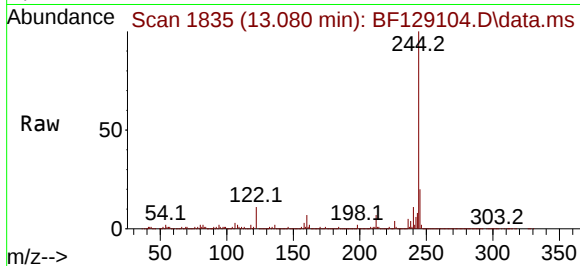




#79
 Terphenyl-d14
 Concen: 63.931 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF129104.D
 Acq: 01 Jul 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-7A

Tgt Ion:244 Resp: 1979819
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129104.D
 Acq: 01 Jul 2022 21:28

Tgt Ion:264 Resp: 676472
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.8 17.2 25.8

