

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129697.D
 Acq On : 10 Aug 2022 16:05
 Operator : CG\JU
 Sample : N3972-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13R

Quant Time: Aug 10 17:48:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

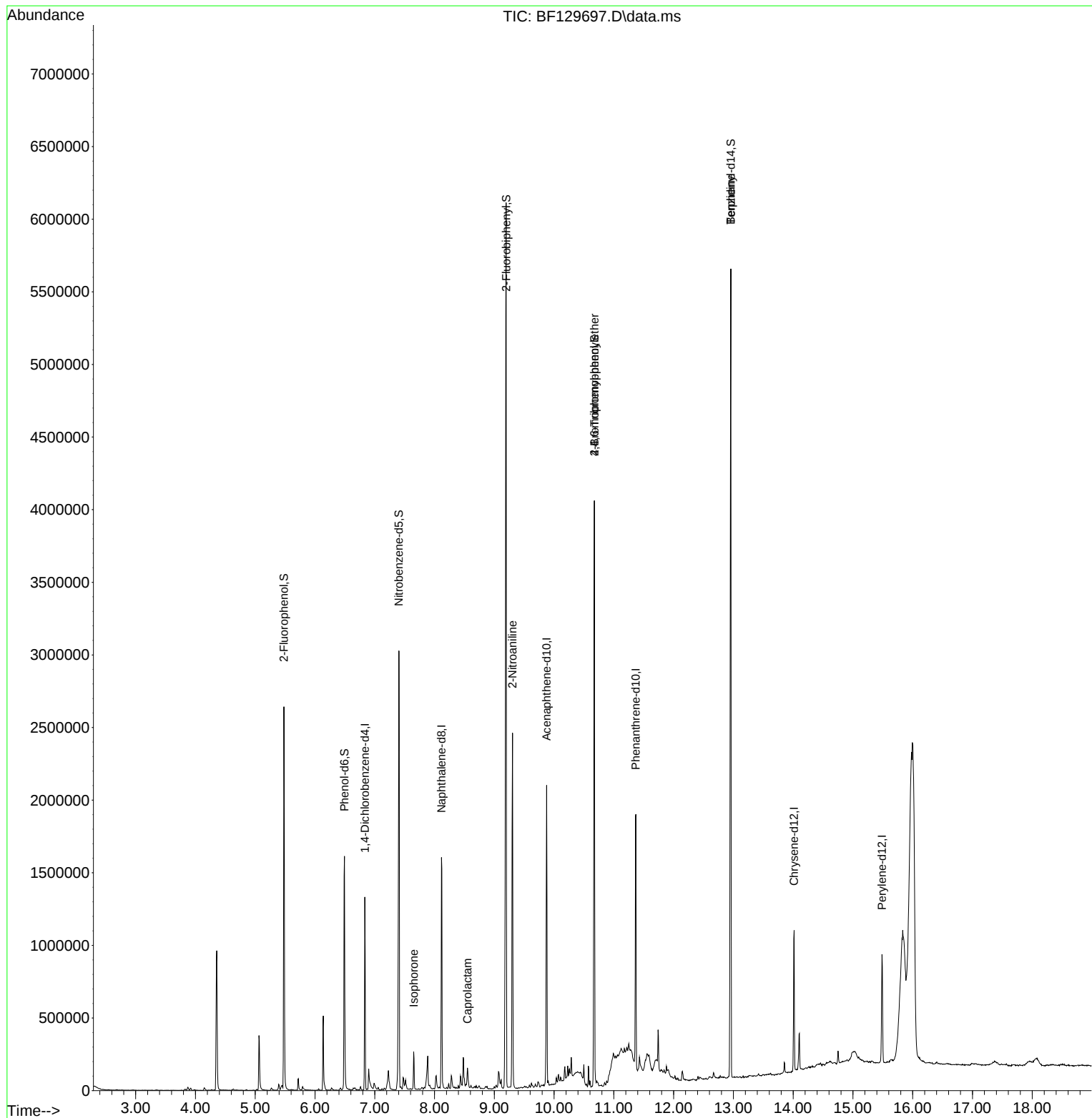
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	185281	20.000	ng	-0.02
21) Naphthalene-d8	8.116	136	761336	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	407037	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	662042	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	334475	20.000	ng	-0.01
86) Perylene-d12	15.486	264	331248	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	700151	61.558	ng	0.00
7) Phenol-d6	6.492	99	548658	38.378	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1142324	81.906	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	472425	120.721	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2059573	78.274	ng	-0.01
79) Terphenyl-d14	12.957	244	1886349	106.398	ng	-0.01
Target Compounds						
25) Isophorone	7.651	82	82334	3.293	ng	Qvalue 99
35) Caprolactam	8.551	113	19610	5.499	ng	# 84
48) 2-Nitroaniline	9.304	65	38041	4.764	ng	# 19
67) 4-Bromophenyl-phenylether	10.674	248	29623	4.086	ng	# 1
77) Benzidine	12.957	184	26148	2.213	ng	# 93

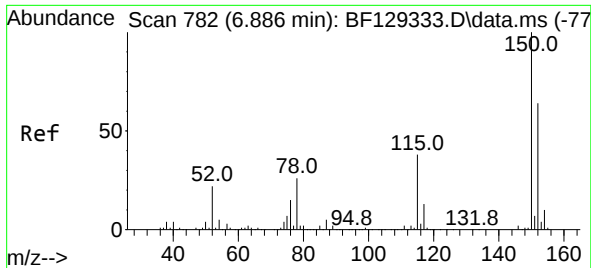
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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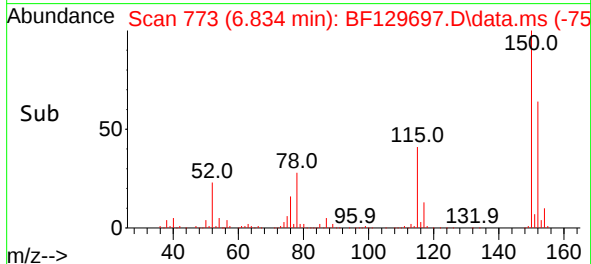
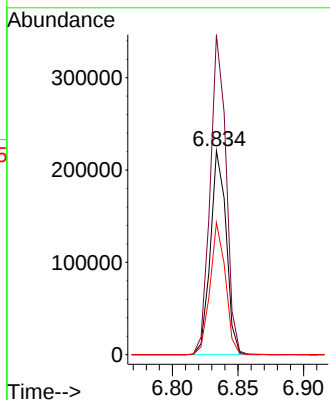
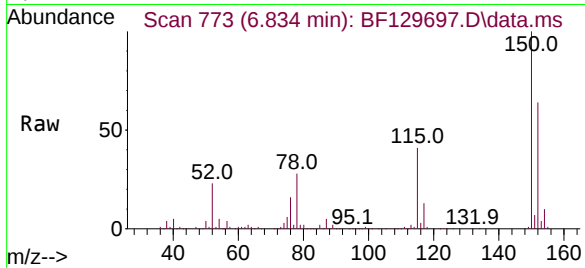




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BF129697.D
 Acq: 10 Aug 2022 16:05

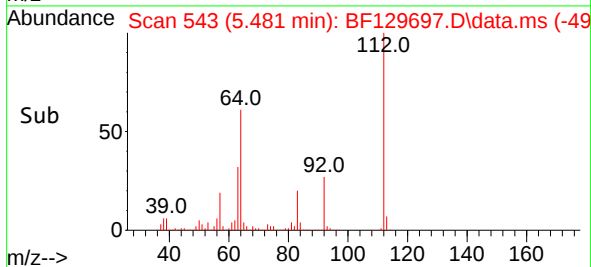
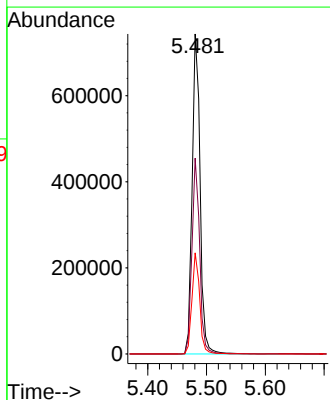
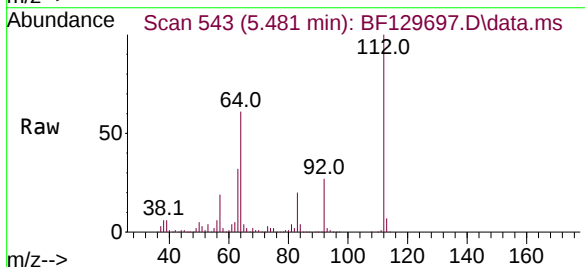
Instrument :
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 ClientSampleId :
 MW-13R

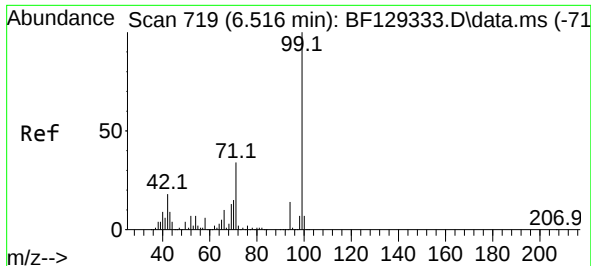
Tgt Ion:152 Resp: 185281
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.7 185.5
 115 64.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 61.558 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129697.D
 Acq: 10 Aug 2022 16:05

Tgt Ion:112 Resp: 700151
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.3 79.9
 63 31.6 28.0 42.0

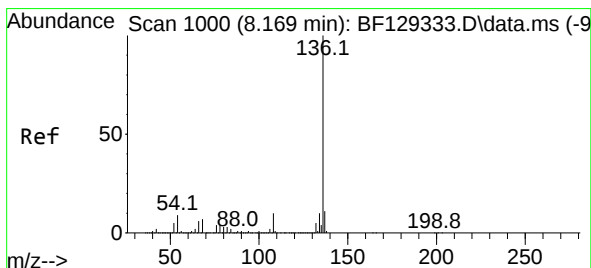
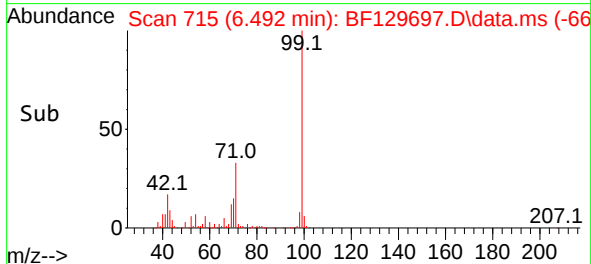
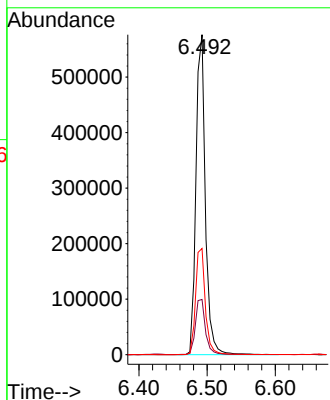
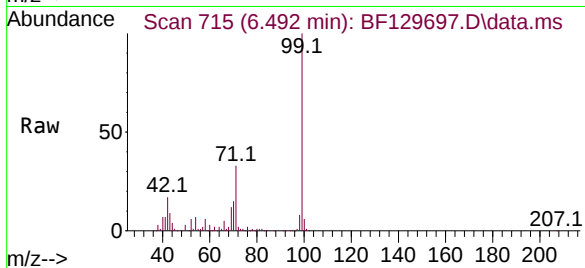




#7
Phenol-d6
Concen: 38.378 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

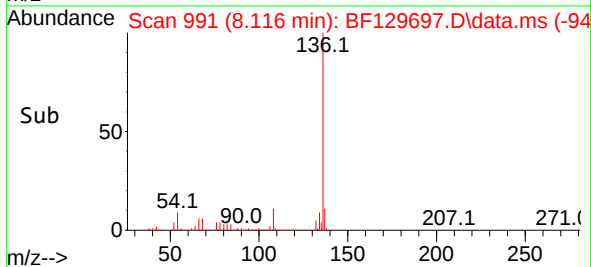
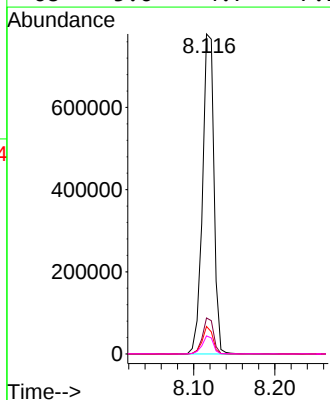
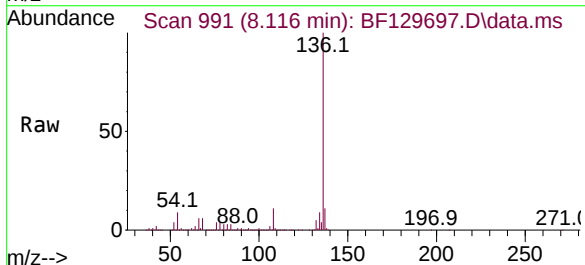
Instrument :
BNA_F
ClientSampleId :
MW-13R

Tgt Ion: 99 Resp: 548658
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9#
71 33.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion: 136 Resp: 761336
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 5.6 4.7 7.1

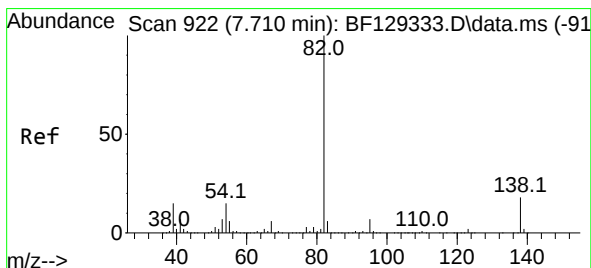
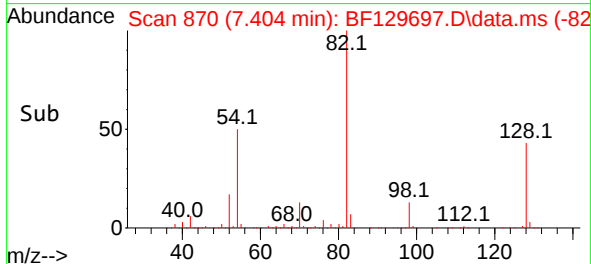
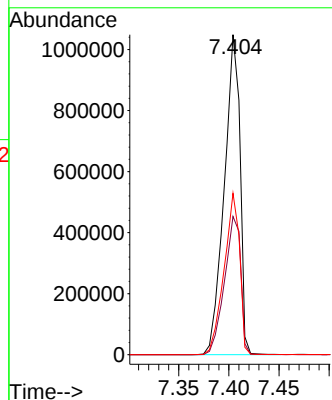
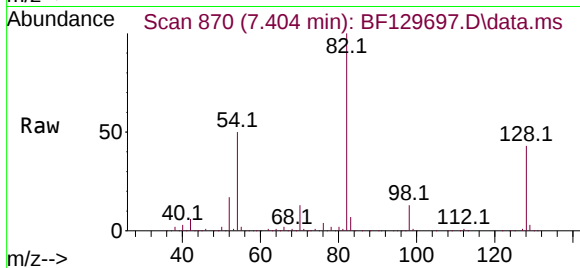




#23
Nitrobenzene-d5
Concen: 81.906 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

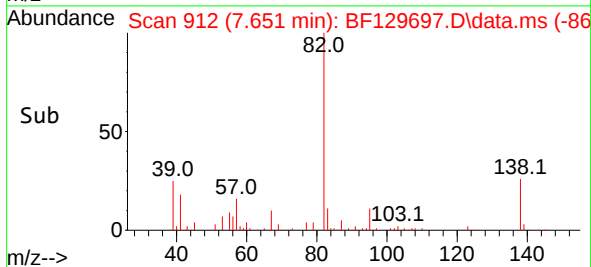
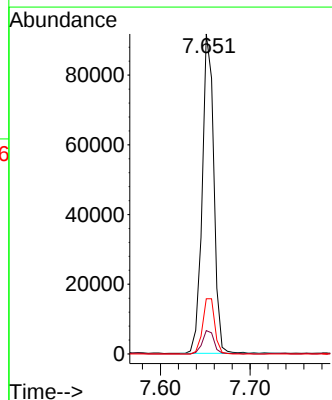
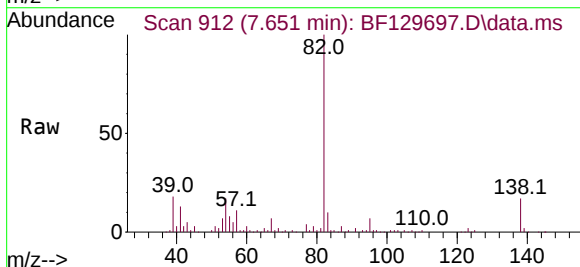
Instrument :
BNA_F
ClientSampleId :
MW-13R

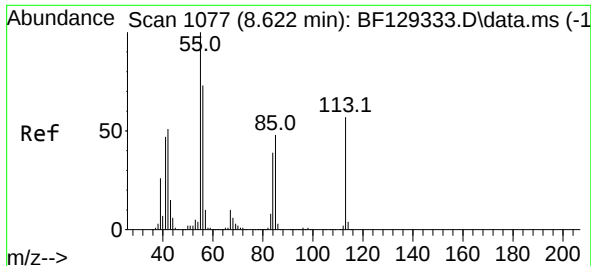
Tgt Ion: 82 Resp: 1142324
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 50.4 46.9 70.3



#25
Isophorone
Concen: 3.293 ng
RT: 7.651 min Scan# 912
Delta R.T. -0.030 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion: 82 Resp: 82334
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.3 14.2 21.2

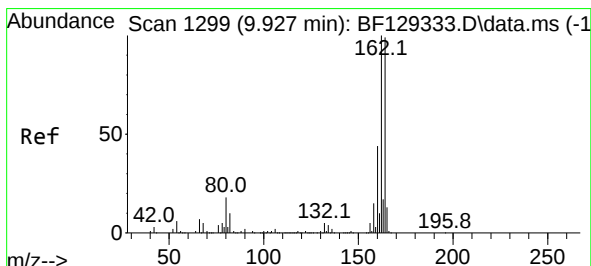
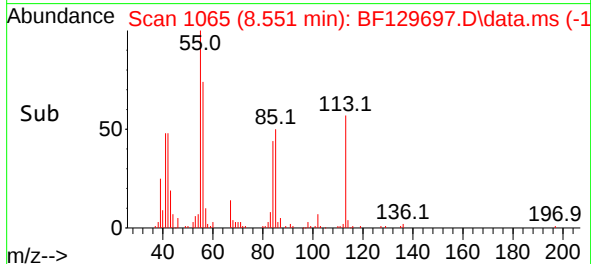
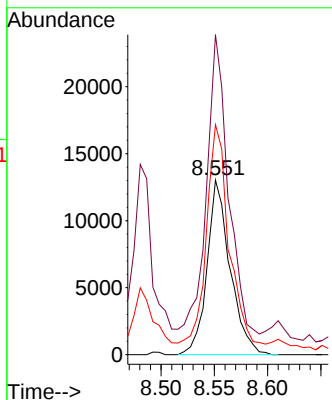
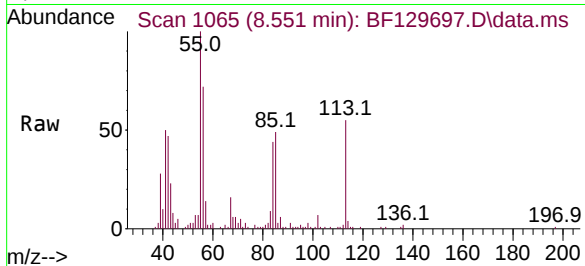




#35
 Caprolactam
 Concen: 5.499 ng
 RT: 8.551 min Scan# 1065
 Delta R.T. -0.053 min
 Lab File: BF129697.D
 Acq: 10 Aug 2022 16:05

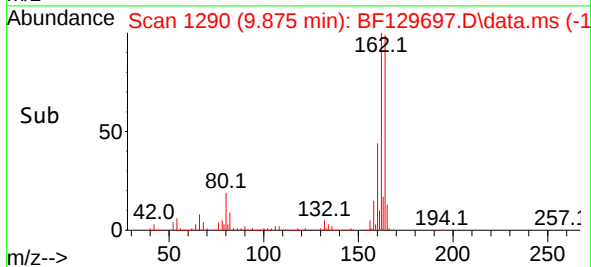
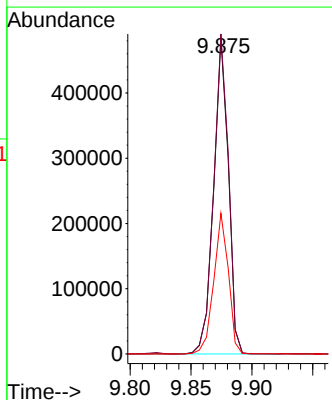
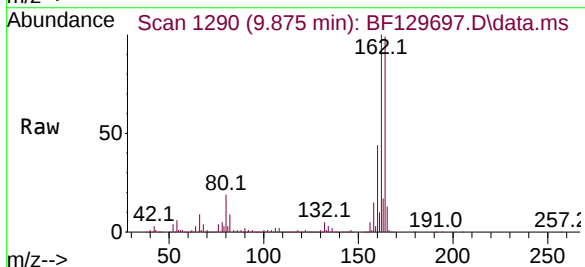
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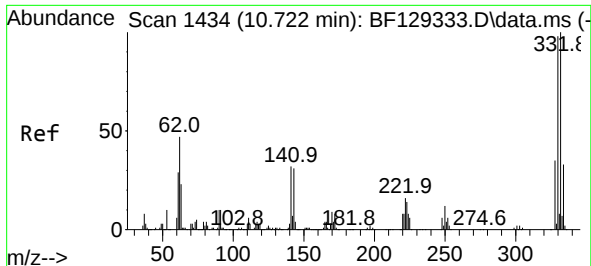
Tgt Ion:113 Resp: 19610
 Ion Ratio Lower Upper
 113 100
 55 183.4 188.5 228.5#
 56 131.8 130.6 170.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1290
 Delta R.T. -0.018 min
 Lab File: BF129697.D
 Acq: 10 Aug 2022 16:05

Tgt Ion:164 Resp: 407037
 Ion Ratio Lower Upper
 164 100
 162 101.3 79.5 119.3
 160 44.5 34.2 51.4

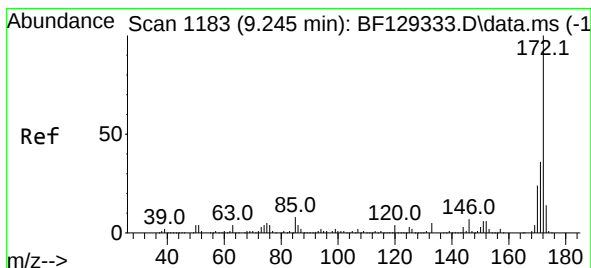
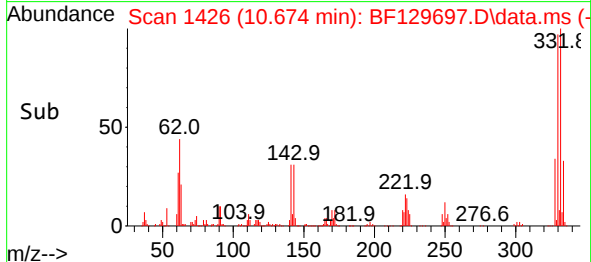
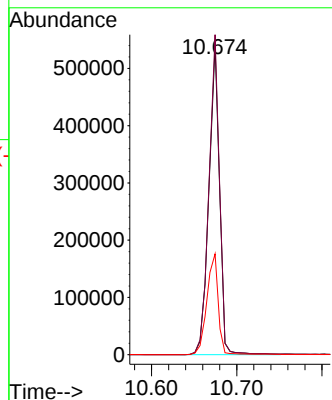
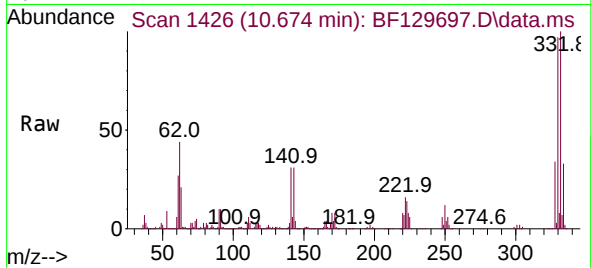




#42
2,4,6-Tribromophenol
Concen: 120.721 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

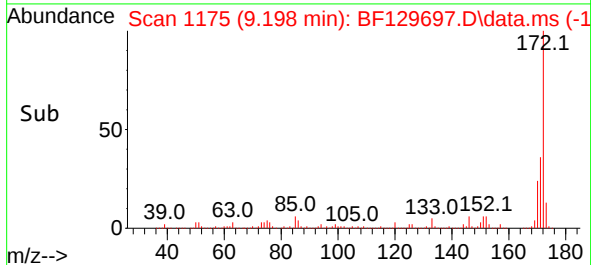
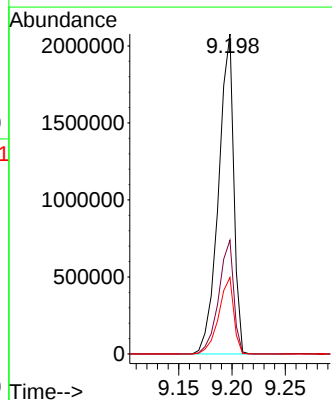
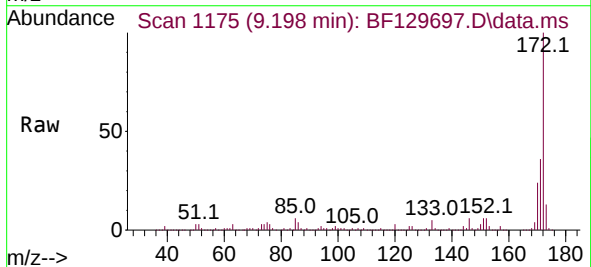
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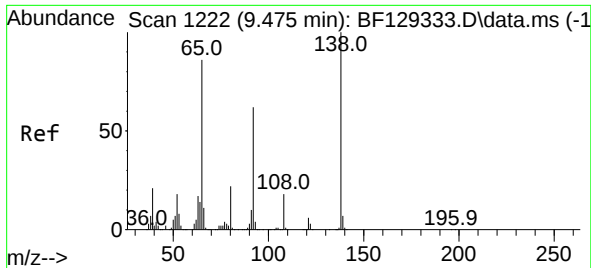
Tgt Ion: 330 Resp: 472425
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 34.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.274 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion: 172 Resp: 2059573
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.9 19.8 29.8

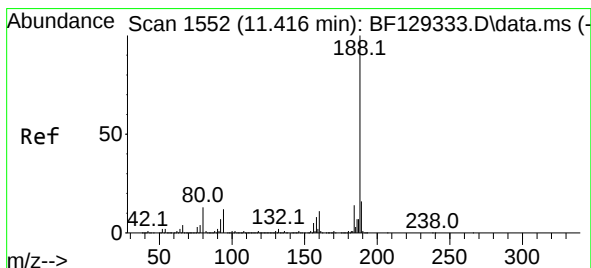
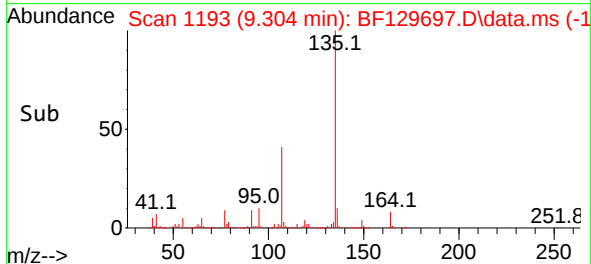
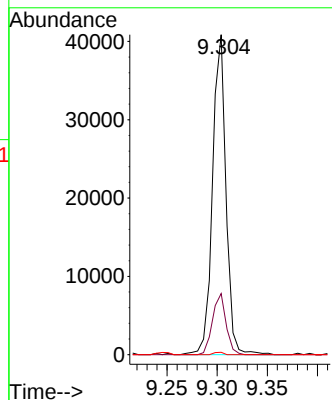
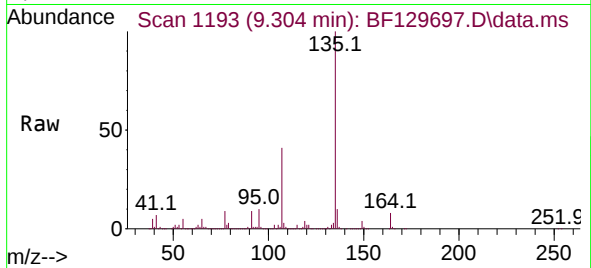




#48
2-Nitroaniline
Concen: 4.764 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.141 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

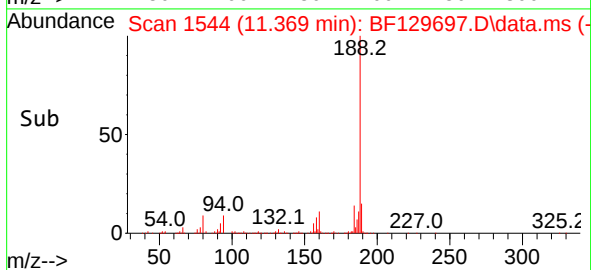
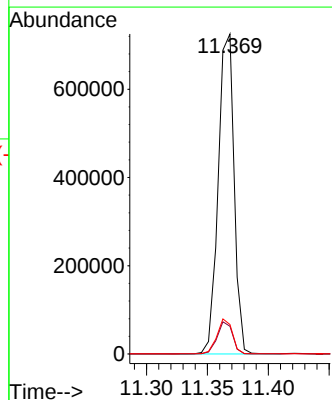
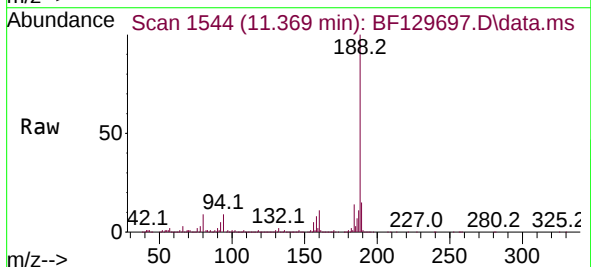
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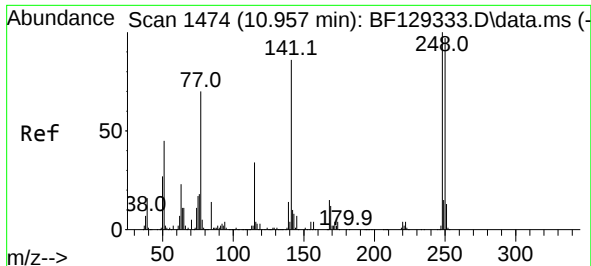
Tgt Ion: 65 Resp: 38041
Ion Ratio Lower Upper
65 100
92 19.1 51.9 77.9#
138 0.8 76.4 114.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion:188 Resp: 662042
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.2 7.6 11.4

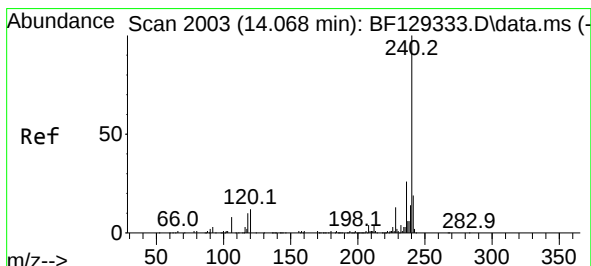
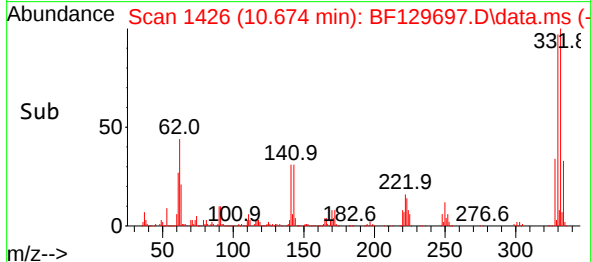
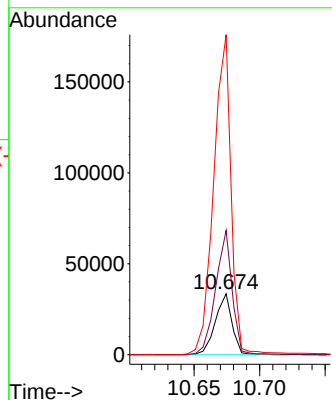
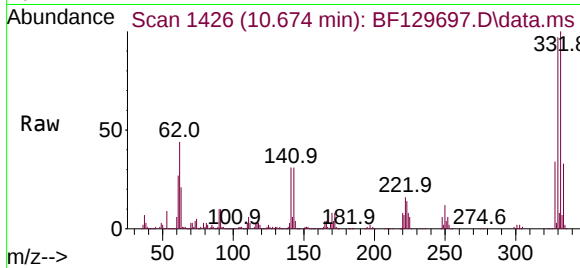




#67
4-Bromophenyl-phenylether
Concen: 4.086 ng
RT: 10.674 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

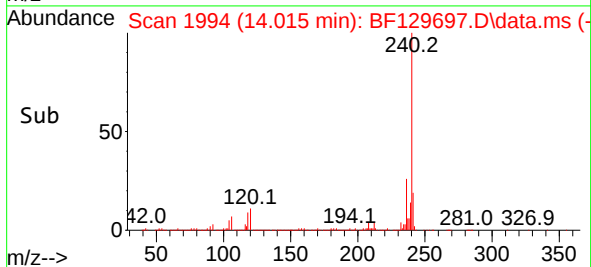
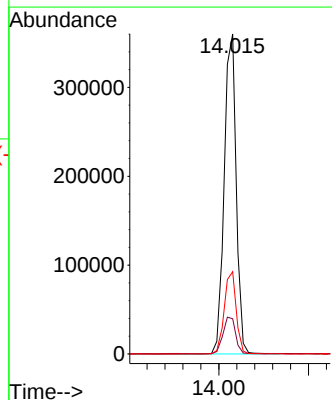
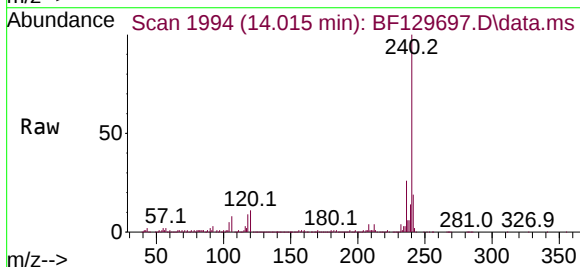
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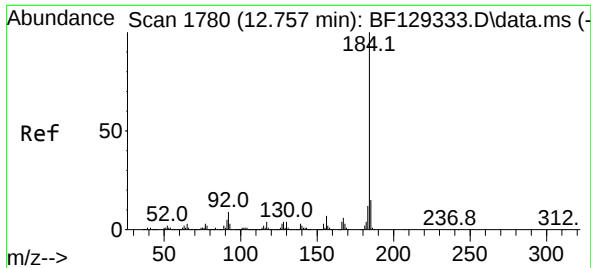
Tgt Ion:248 Resp: 29623
Ion Ratio Lower Upper
248 100
250 203.8 80.6 120.8#
141 524.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion:240 Resp: 334475
Ion Ratio Lower Upper
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120 11.0 8.9 13.3
236 25.7 20.8 31.2

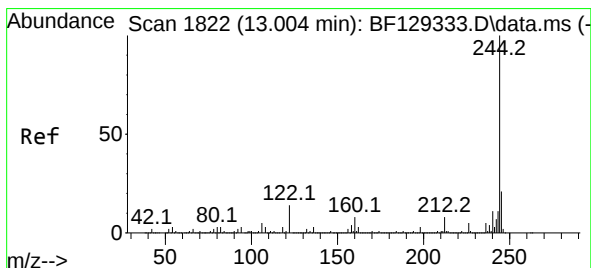
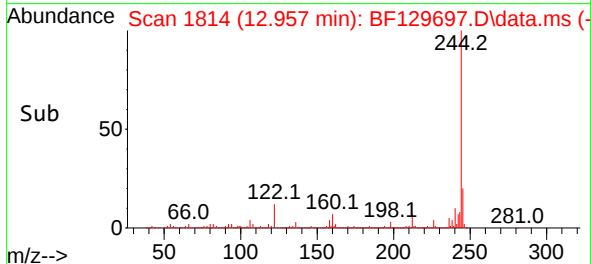
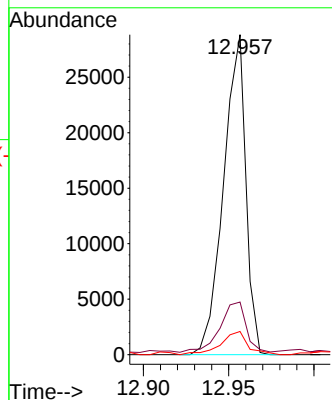
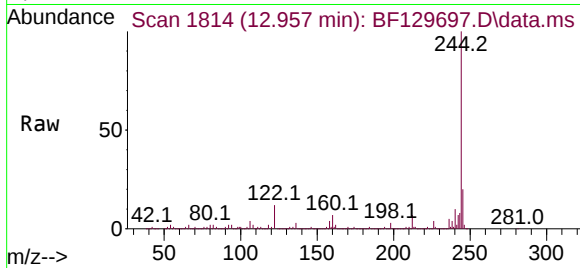




#77
Benzidine
Concen: 2.213 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.235 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

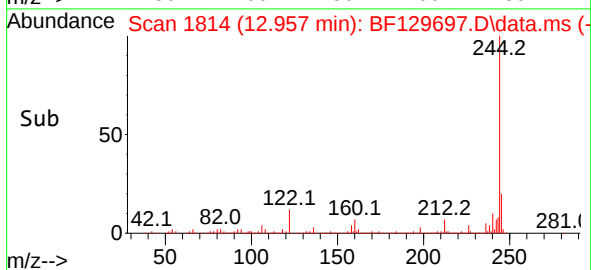
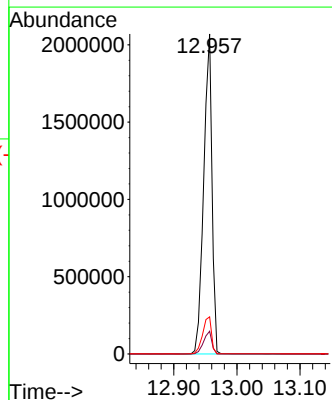
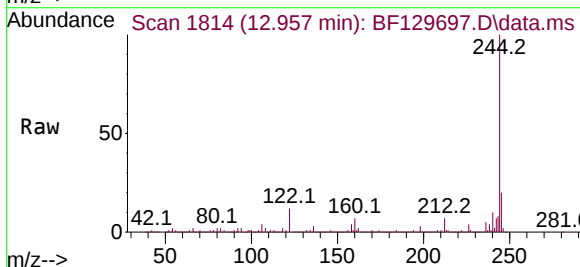
Instrument :
BNA_F
ClientSampleId :
MW-13R

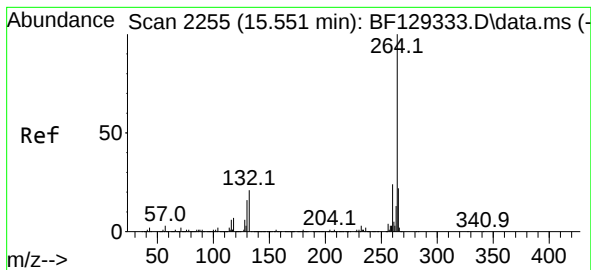
Tgt Ion:184 Resp: 26148
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 7.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 106.398 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129697.D
Acq: 10 Aug 2022 16:05

Tgt Ion:244 Resp: 1886349
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.6 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF129697.D
 Acq: 10 Aug 2022 16:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-13R

Tgt Ion:264 Resp: 331248
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.3 17.2 25.8

