

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129748.D
 Acq On : 12 Aug 2022 17:15
 Operator : CG\JU
 Sample : N4154-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-1

Quant Time: Aug 13 02:04:33 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 12 15:52:45 2022
 Response via : Initial Calibration

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

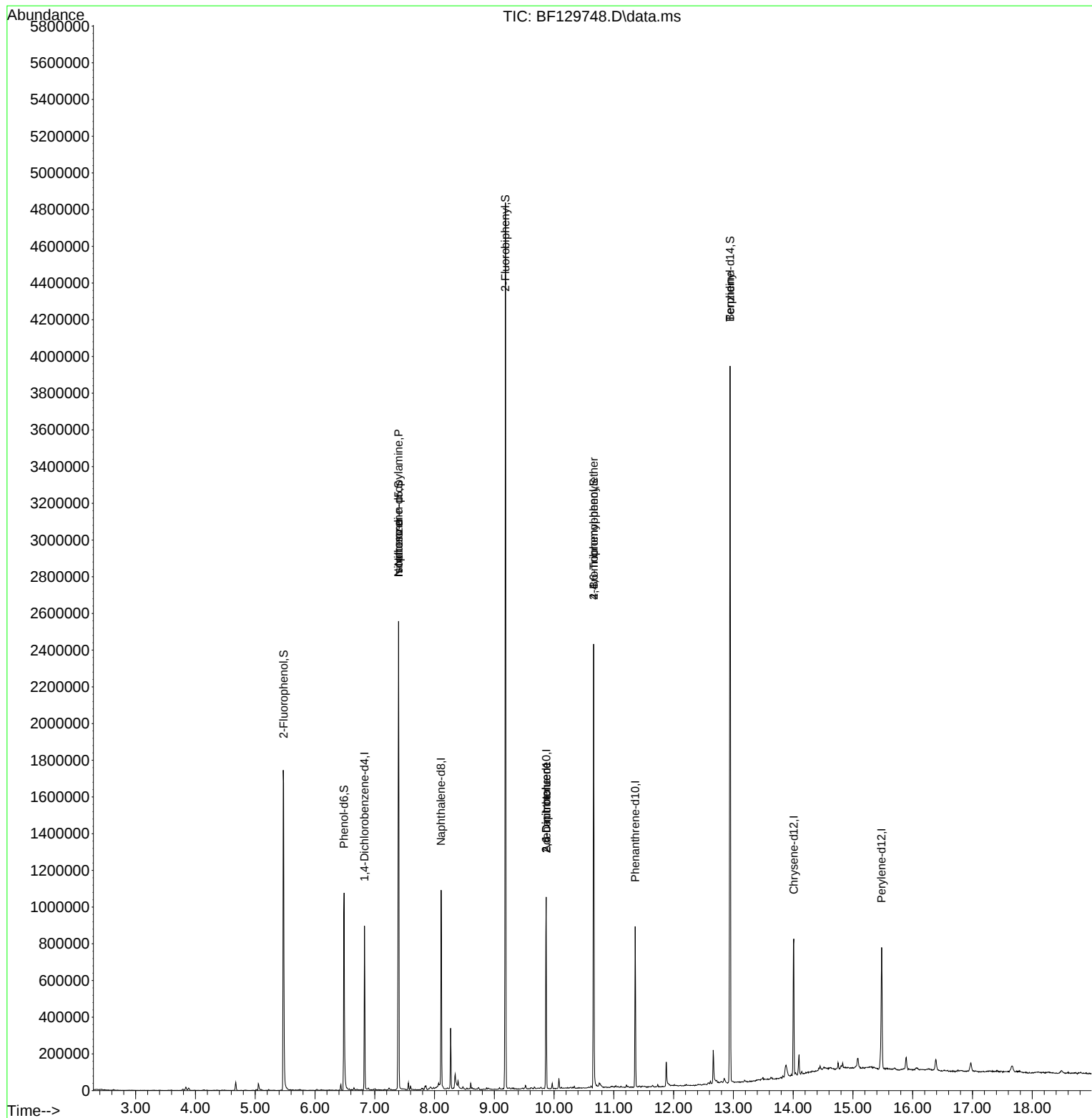
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	120450	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	439758	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	198754	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	283734	20.000	ng	0.00
76) Chrysene-d12	14.010	240	259293	20.000	ng	0.00
86) Perylene-d12	15.480	264	286902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	536126	72.507	ng	0.00
7) Phenol-d6	6.487	99	389630	41.923	ng	0.00
23) Nitrobenzene-d5	7.398	82	834703	103.614	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	262452	137.347	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1403705	109.254	ng	0.00
79) Terphenyl-d14	12.945	244	1285026	93.497	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	110734	19.681	ng	# 73
25) Isophorone	7.398	82	834698	57.804	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	25839	8.414	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	25839	6.441	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	16550	5.327	ng	# 1
77) Benzidine	12.945	184	18591	2.030	ng	# 93

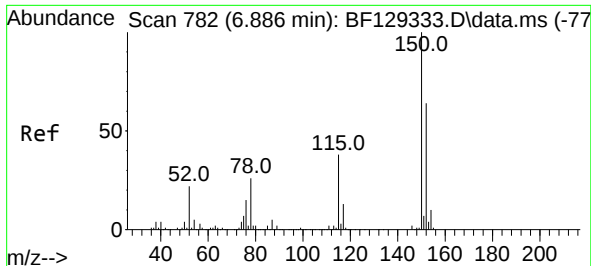
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129748.D
Acq On : 12 Aug 2022 17:15
Operator : CG\JU
Sample : N4154-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 13 02:04:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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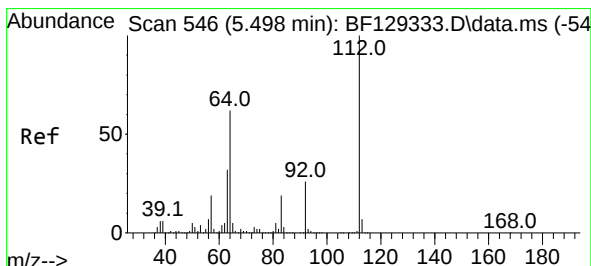
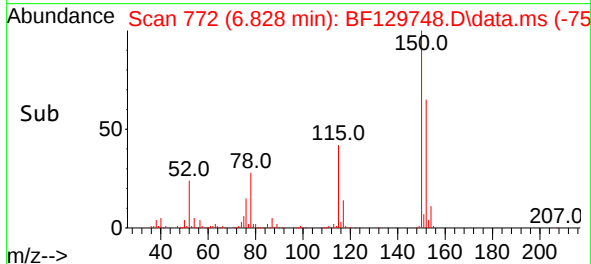
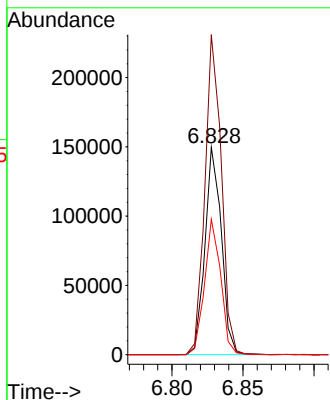
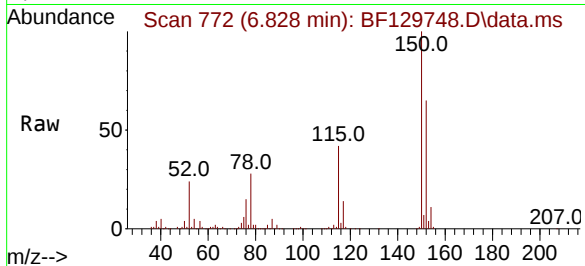




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129748.D
 Acq: 12 Aug 2022 17:15

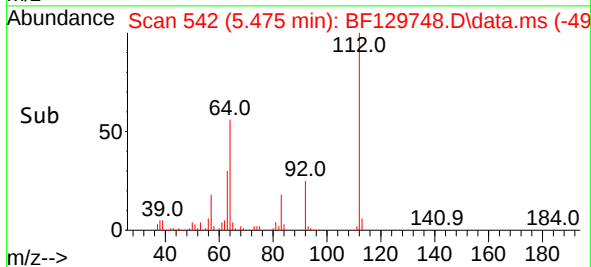
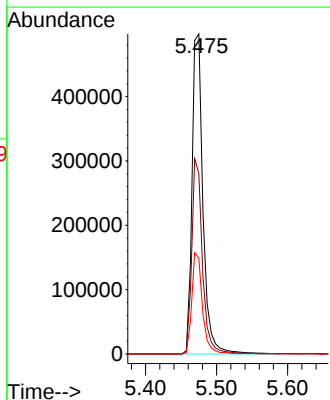
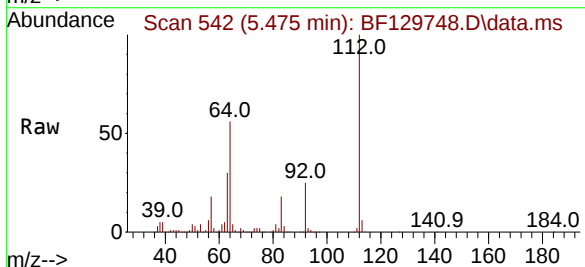
Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-1

Tgt Ion:152 Resp: 120450
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.7 185.5
 115 65.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 72.507 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129748.D
 Acq: 12 Aug 2022 17:15

Tgt Ion:112 Resp: 536126
 Ion Ratio Lower Upper
 112 100
 64 56.4 53.3 79.9
 63 29.9 28.0 42.0

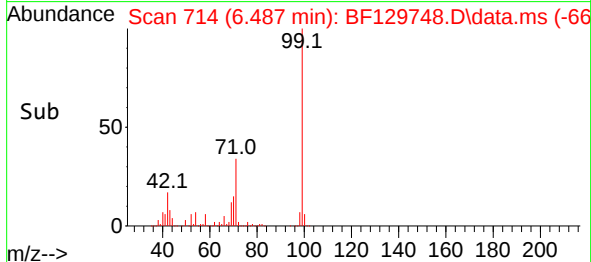
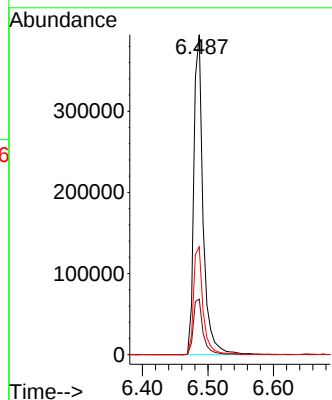
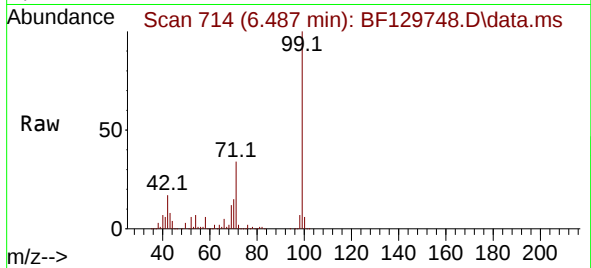




#7
Phenol-d6
Concen: 41.923 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

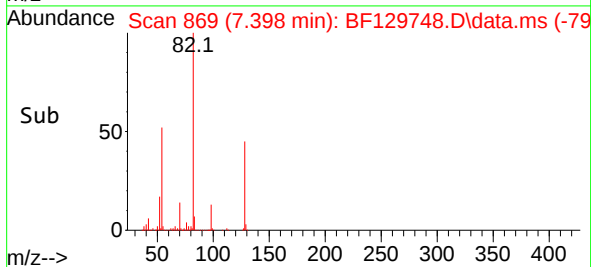
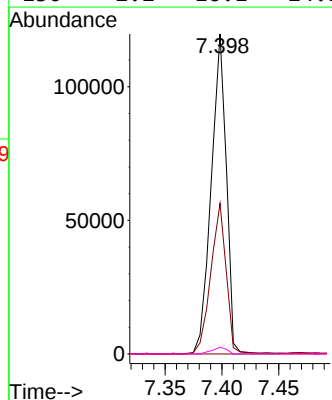
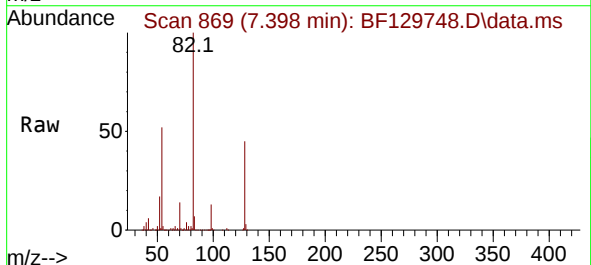
Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-1

Tgt Ion: 99 Resp: 389630
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.681 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Tgt Ion: 70 Resp: 110734
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



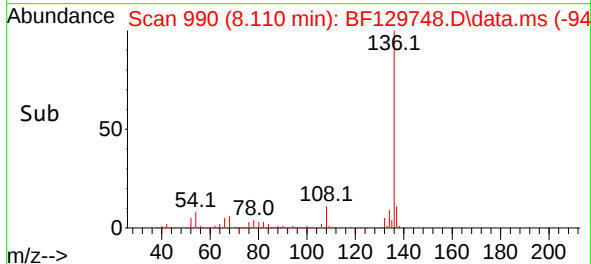
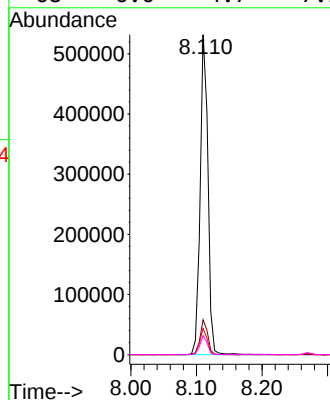
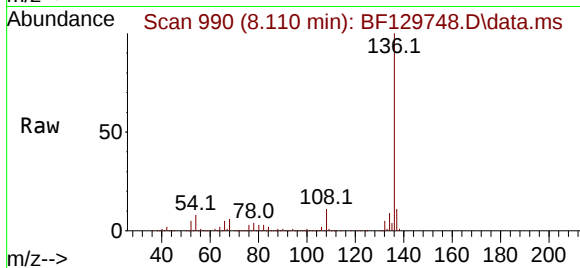


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-1

Tgt Ion:136 Resp: 439758

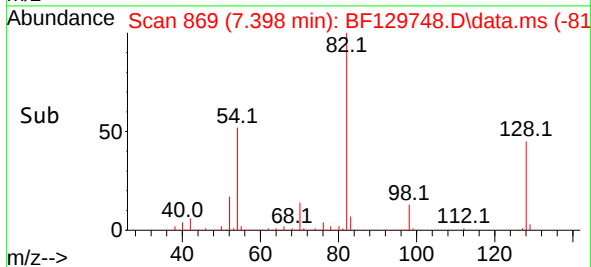
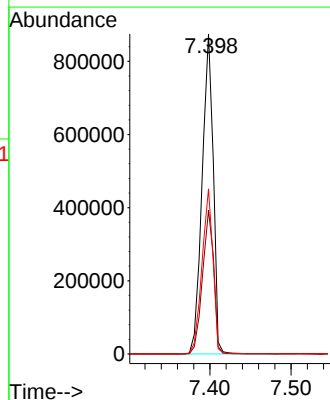
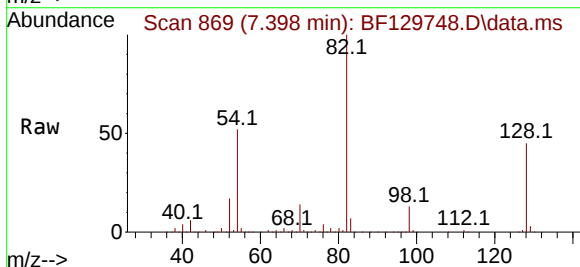
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	7.5	11.3
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 103.614 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Tgt Ion: 82 Resp: 834703

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	51.6	46.9	70.3

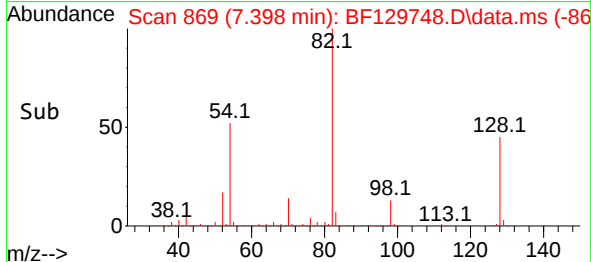
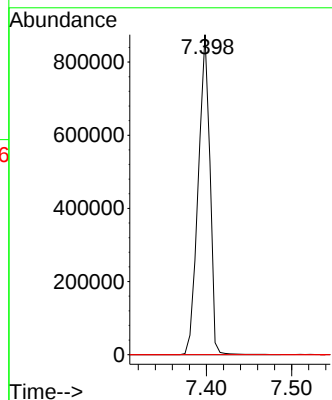
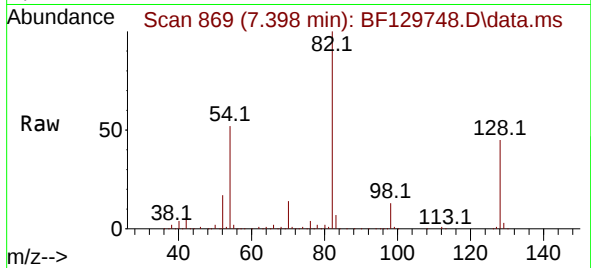




#25
Isophorone
Concen: 57.804 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

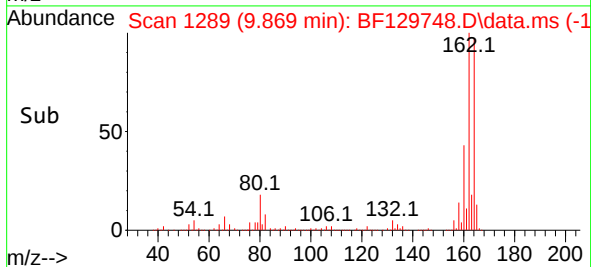
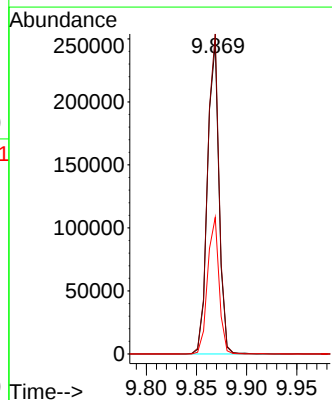
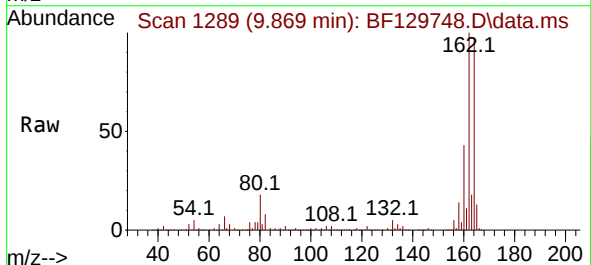
Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-1

Tgt Ion: 82 Resp: 834698
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: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Tgt Ion:164 Resp: 198754
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 137.347 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129748.D

Acq: 12 Aug 2022 17:15

Instrument :

BNA_F

ClientSampleId :

WV-TOTECOMP-1

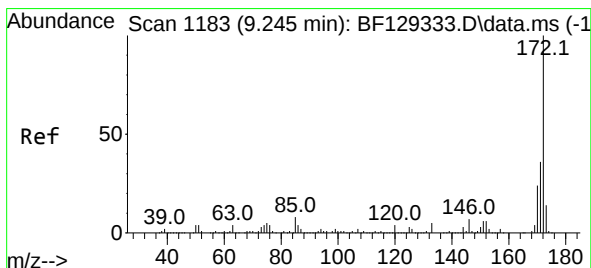
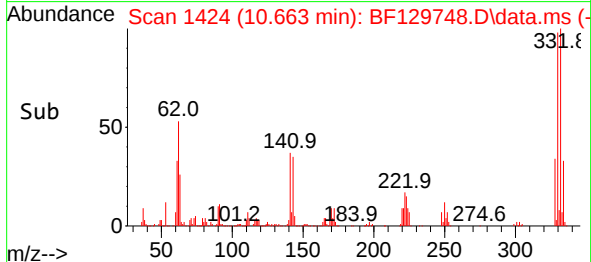
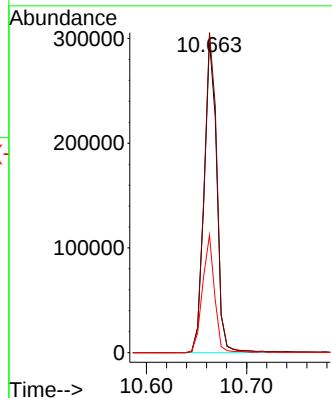
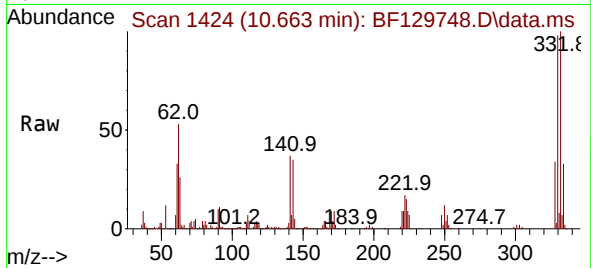
Tgt Ion:330 Resp: 262452

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 109.254 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF129748.D

Acq: 12 Aug 2022 17:15

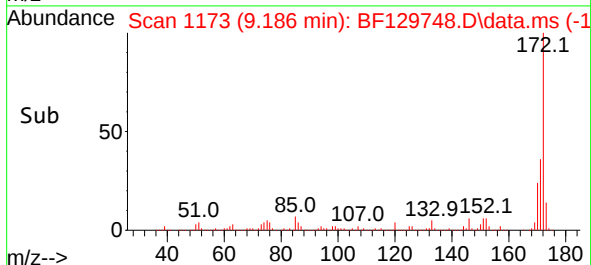
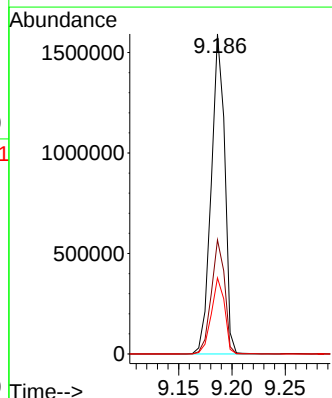
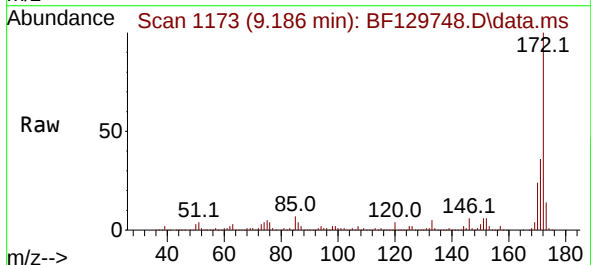
Tgt Ion:172 Resp: 1403705

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.414 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.206 min

Lab File: BF129748.D

Acq: 12 Aug 2022 17:15

Instrument :

BNA_F

ClientSampleId :

WV-TOTECOMP-1

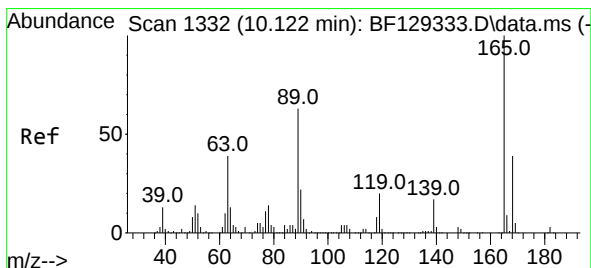
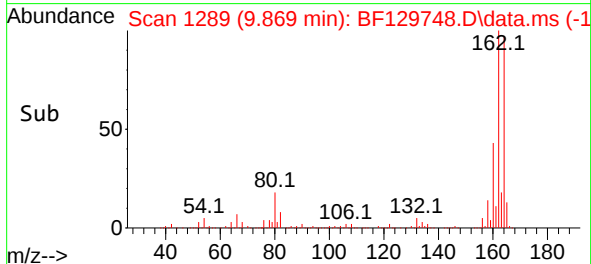
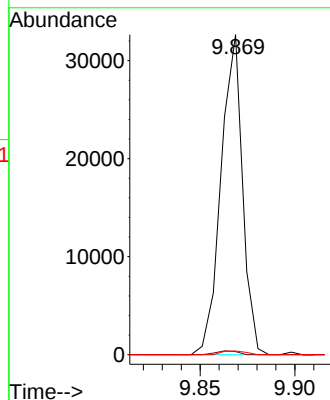
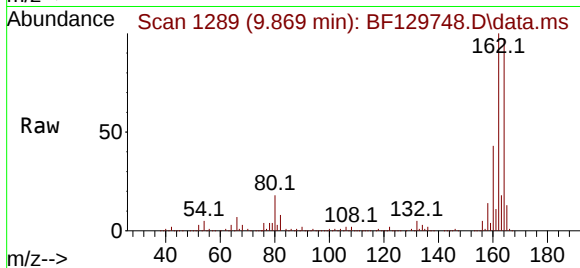
Tgt Ion:165 Resp: 25839

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.441 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.200 min

Lab File: BF129748.D

Acq: 12 Aug 2022 17:15

Tgt Ion:165 Resp: 25839

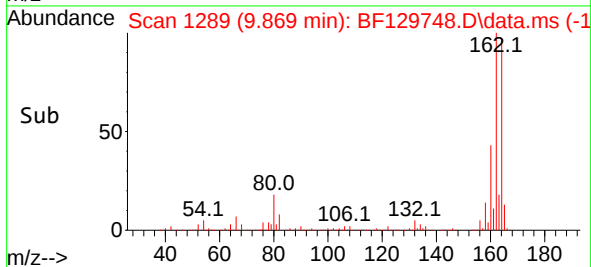
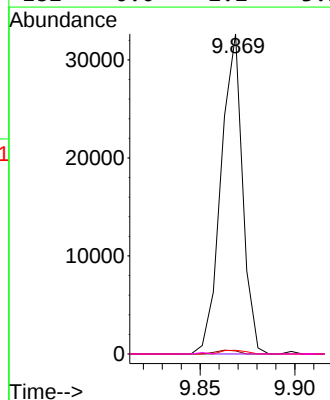
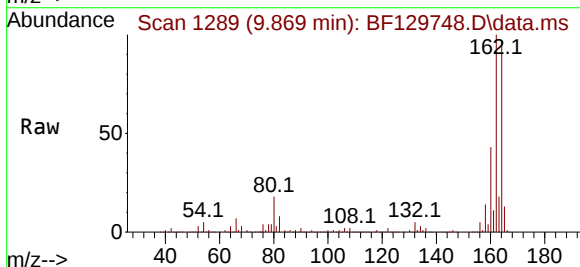
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

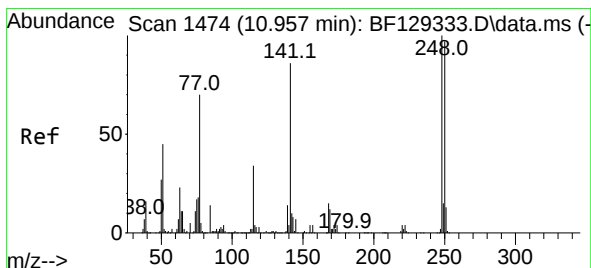
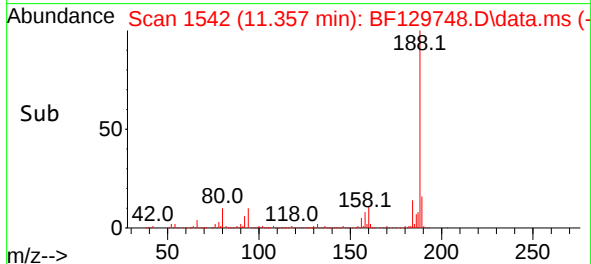
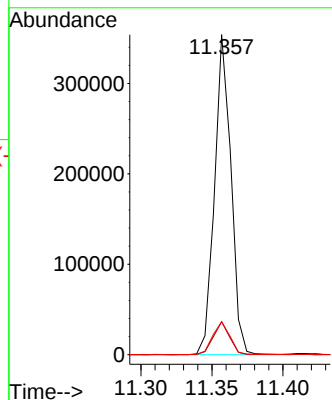
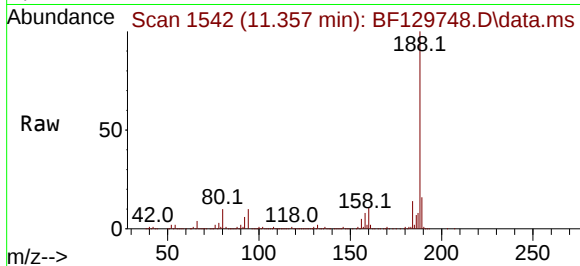




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

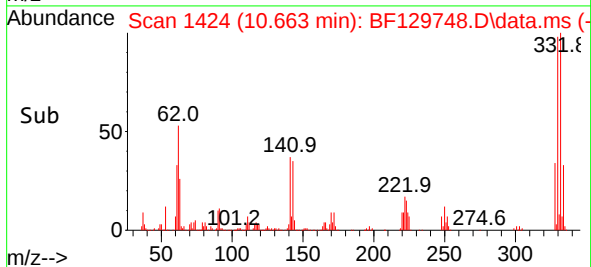
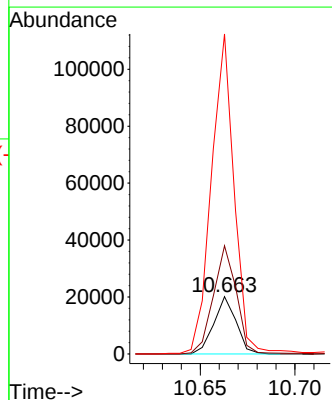
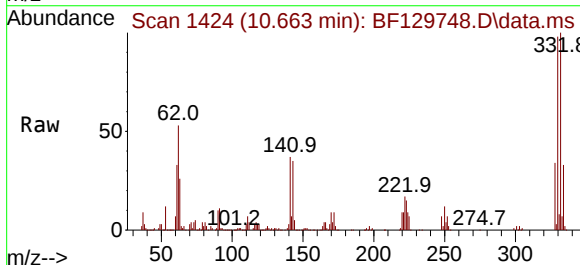
Instrument :
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WV-TOTECOMP-1

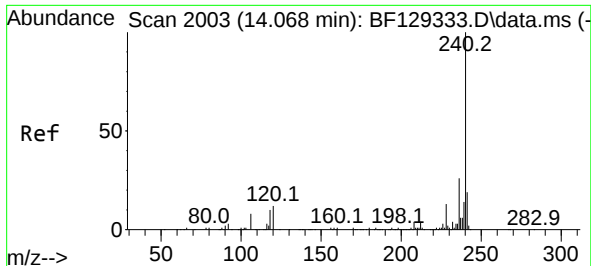
Tgt Ion:188 Resp: 283734
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.327 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.235 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Tgt Ion:248 Resp: 16550
Ion Ratio Lower Upper
248 100
250 188.9 80.6 120.8#
141 558.6 58.9 88.3#

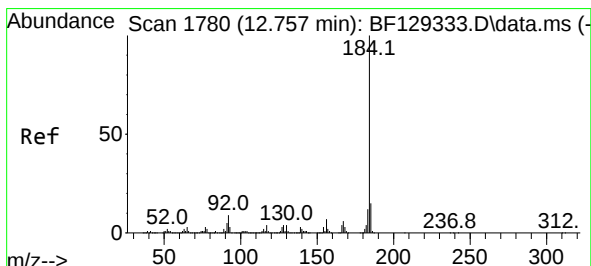
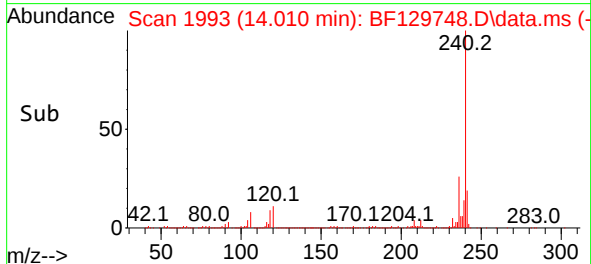
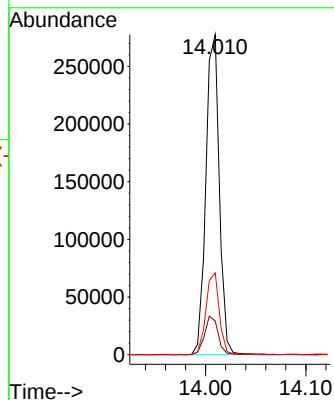
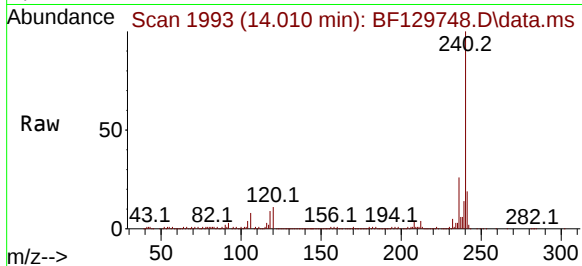




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

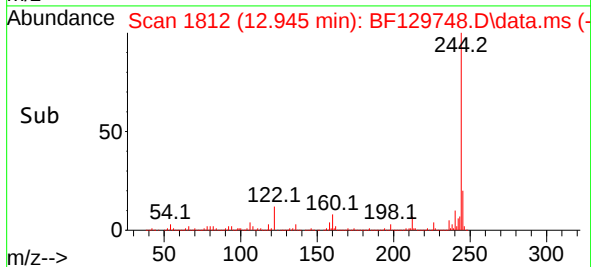
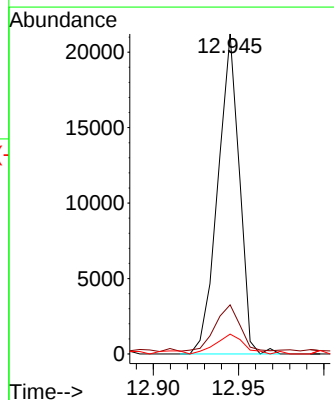
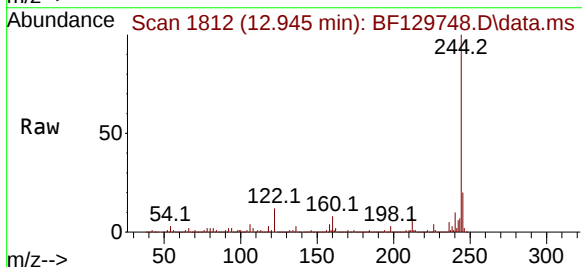
Instrument :
BNA_F
ClientSampleId :
WV-TOTECOMP-1

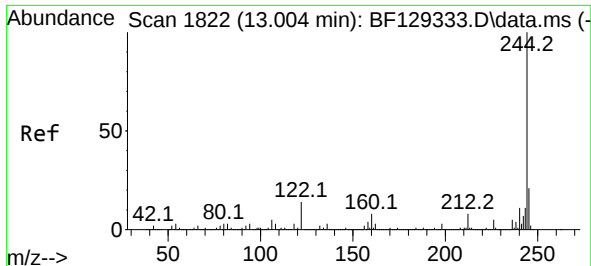
Tgt Ion:240 Resp: 259293
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.030 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.241 min
Lab File: BF129748.D
Acq: 12 Aug 2022 17:15

Tgt Ion:184 Resp: 18591
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.2 9.3 13.9#

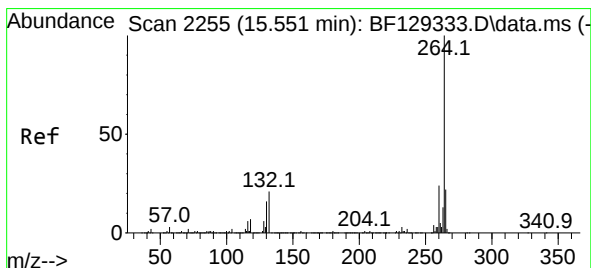
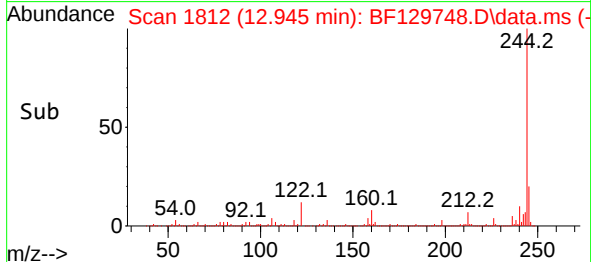
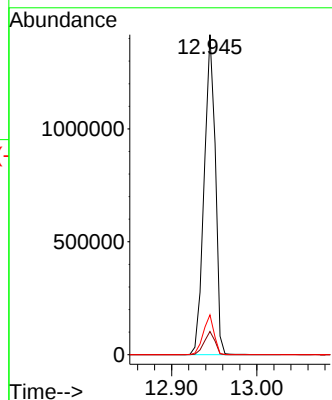
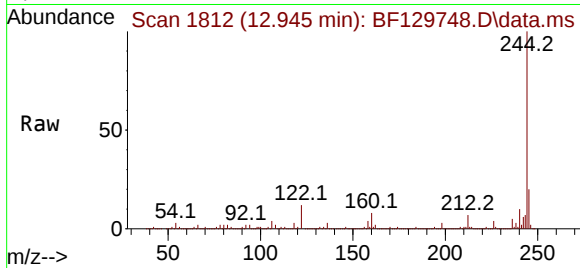




#79
 Terphenyl-d14
 Concen: 93.497 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF129748.D
 Acq: 12 Aug 2022 17:15

Instrument :
 BNA_F
 ClientSampleId :
 WV-TOTECOMP-1

Tgt Ion:244 Resp: 1285026
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.000 min
 Lab File: BF129748.D
 Acq: 12 Aug 2022 17:15

Tgt Ion:264 Resp: 286902
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.5 17.2 25.8

