

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128995.D
 Acq On : 24 Jun 2022 17:58
 Operator : CG\JU
 Sample : N3431-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 25 06:15:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

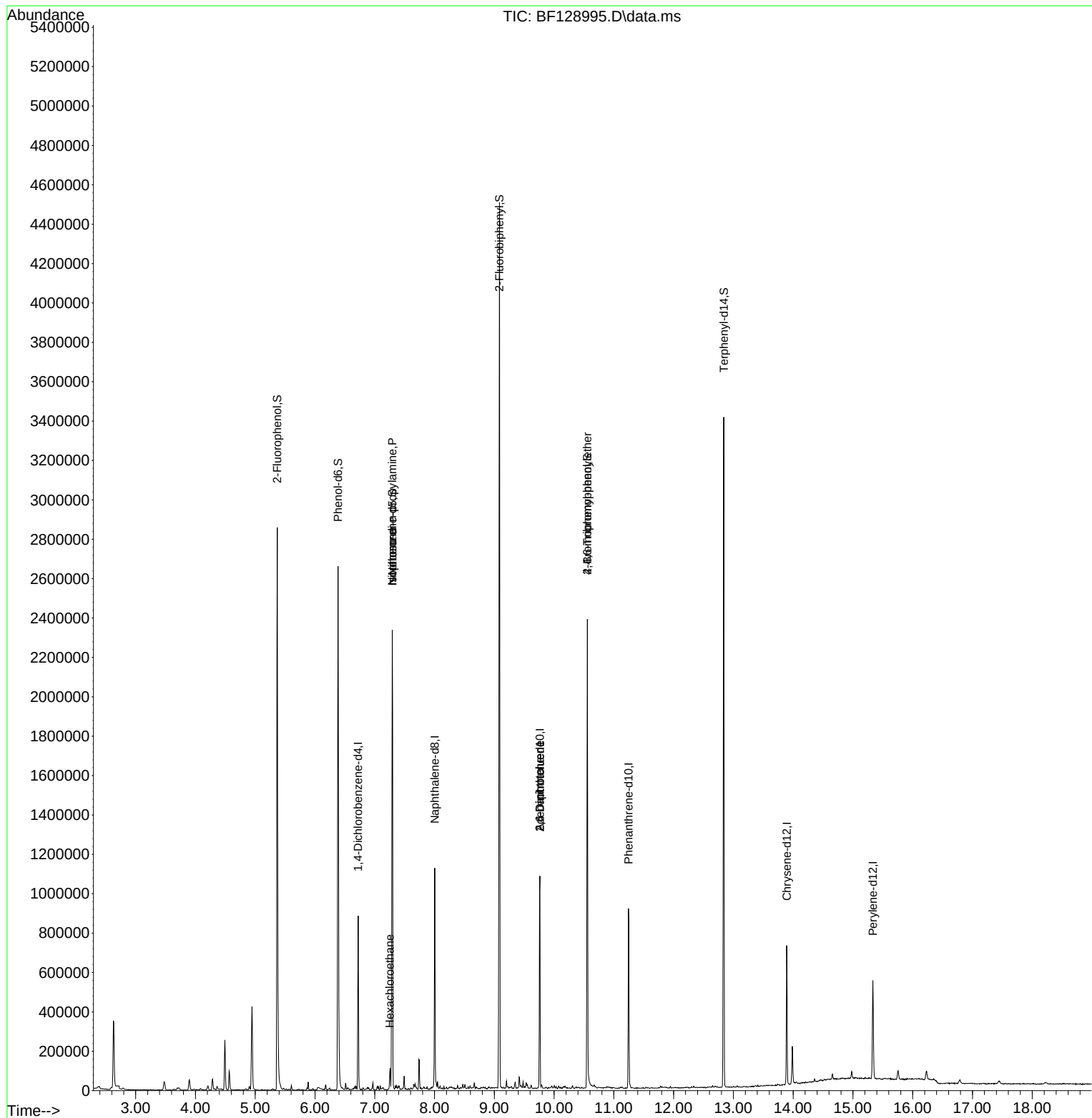
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	109432	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	416496	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	221589	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	346525	20.000	ng	0.00
76) Chrysene-d12	13.892	240	234068	20.000	ng	0.00
86) Perylene-d12	15.333	264	203944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	735506	107.056	ng	0.01
7) Phenol-d6	6.386	99	839609	100.116	ng	0.00
23) Nitrobenzene-d5	7.292	82	757585	84.688	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	275446	105.205	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1360825	86.026	ng	0.00
79) Terphenyl-d14	12.839	244	1090289	80.939	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.251	117	8387	2.747	ng	# 6
19) n-Nitroso-di-n-propyla...	7.292	70	106415	20.408	ng	# 78
25) Isophorone	7.292	82	755182	55.583	ng	# 65
51) 2,6-Dinitrotoluene	9.763	165	28905	9.656	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	28905	7.235	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	18807	4.867	ng	# 1

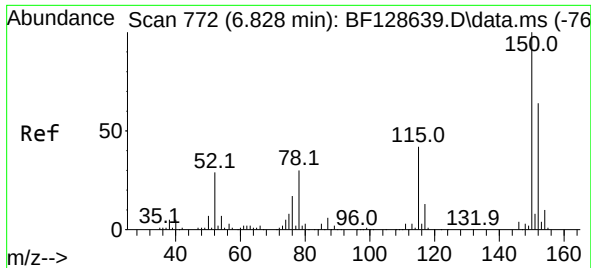
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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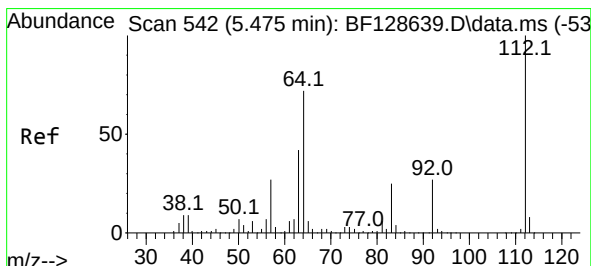
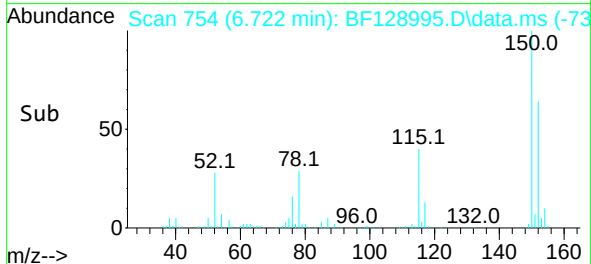
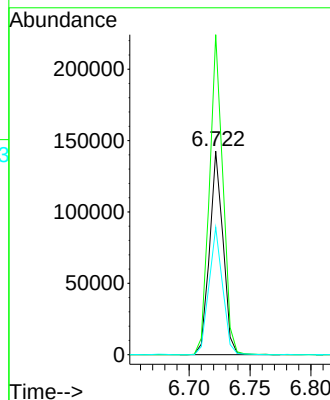
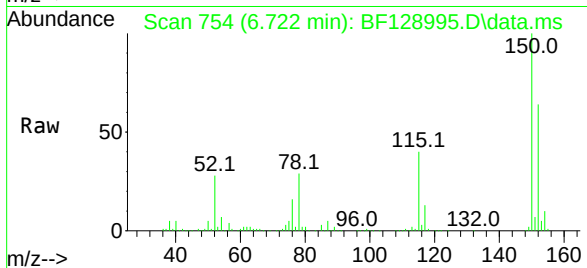




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

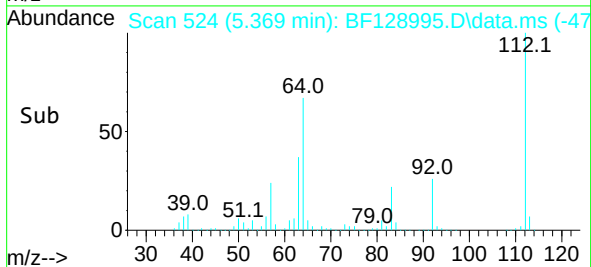
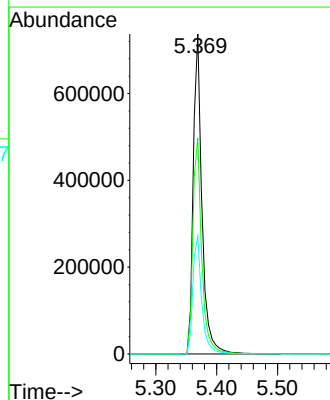
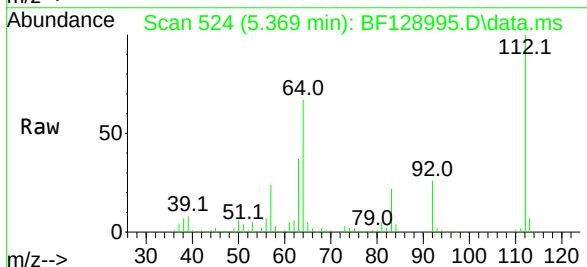
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

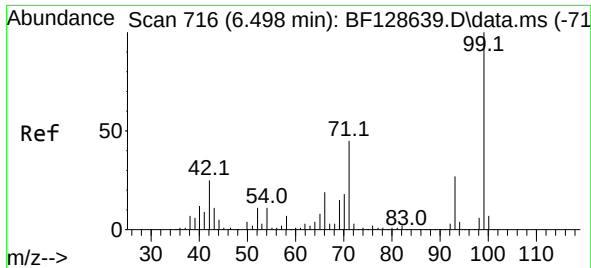
Tgt Ion:152 Resp: 109432
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 107.056 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:112 Resp: 735506
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 36.8 28.0 42.0

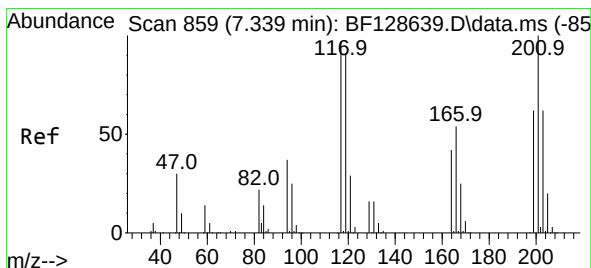
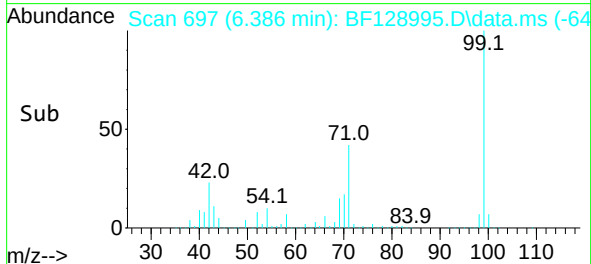
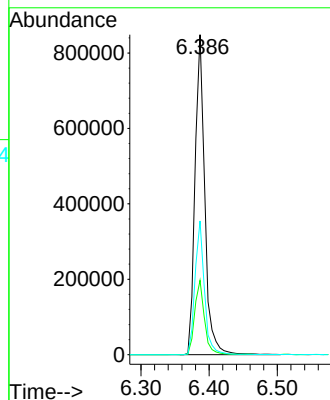
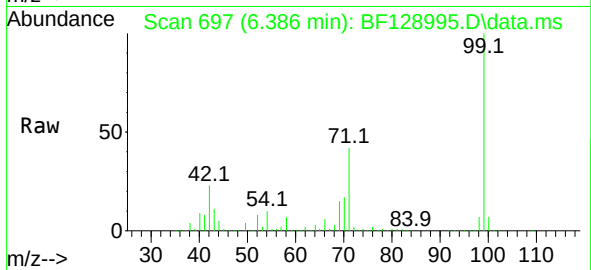




#7
Phenol-d6
Concen: 100.116 ng
RT: 6.386 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

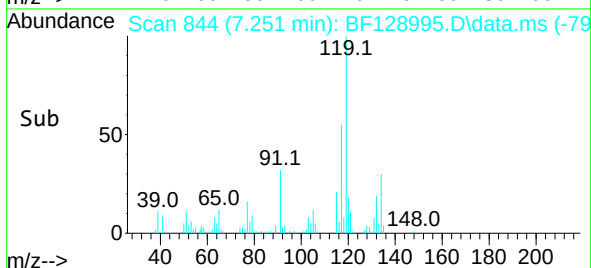
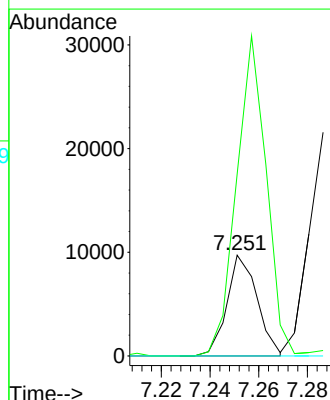
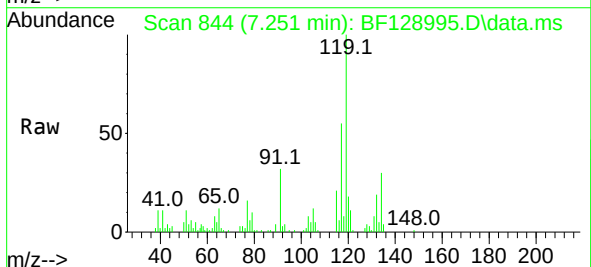
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

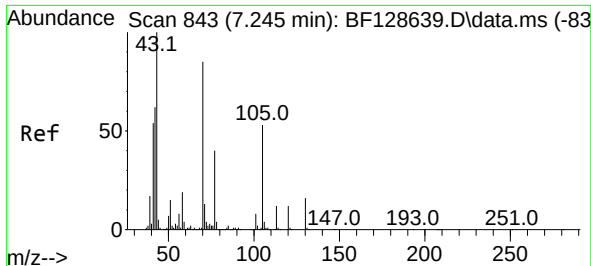
Tgt Ion: 99 Resp: 839609
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 41.8 28.9 43.3



#18
Hexachloroethane
Concen: 2.747 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.017 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion: 117 Resp: 8387
Ion Ratio Lower Upper
117 100
119 180.6 77.4 116.2#
201 0.0 84.6 127.0#

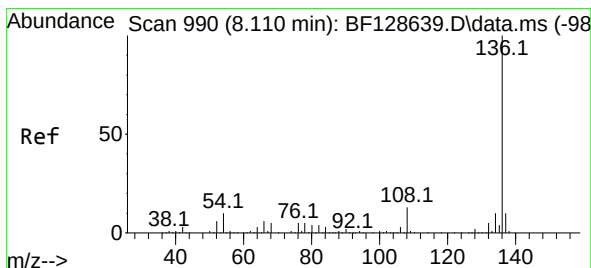
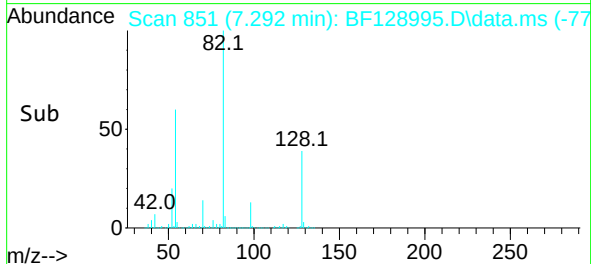
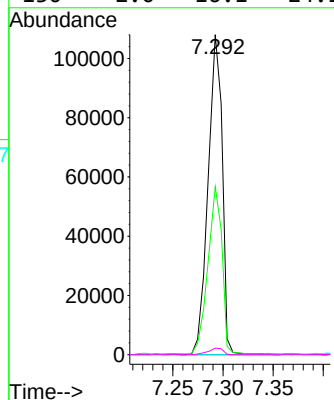
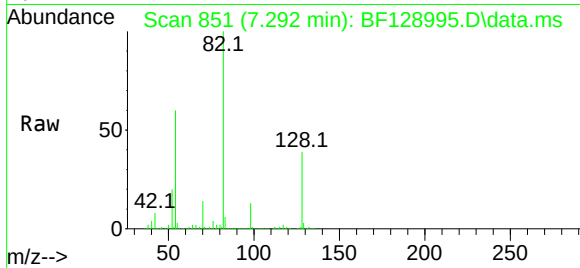




#19
n-Nitroso-di-n-propylamine
Concen: 20.408 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

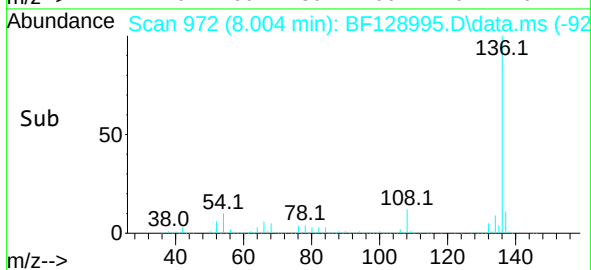
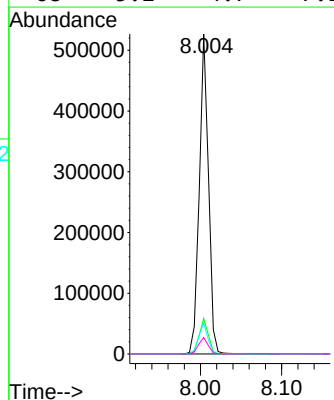
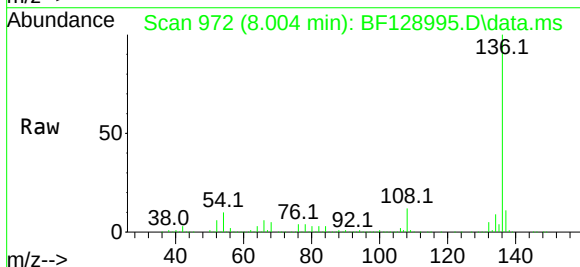
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

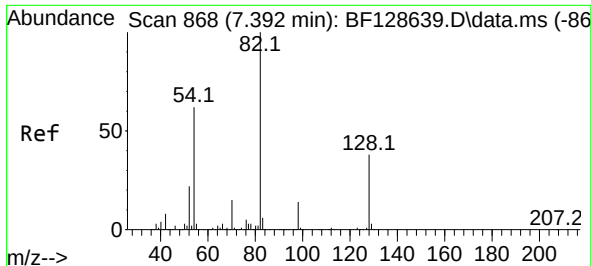
Tgt Ion: 70 Resp: 106415
Ion Ratio Lower Upper
70 100
42 52.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:136 Resp: 416496
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.5 11.3
68 5.2 4.7 7.1

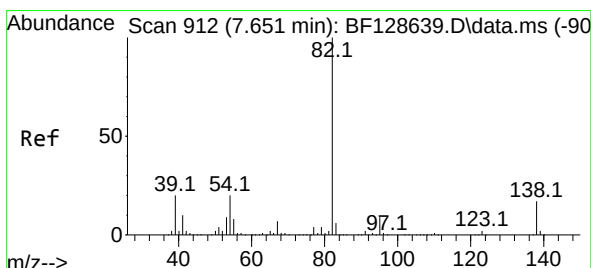
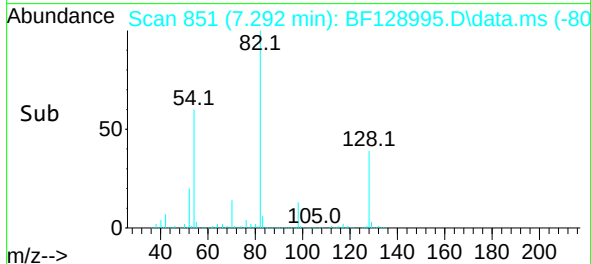
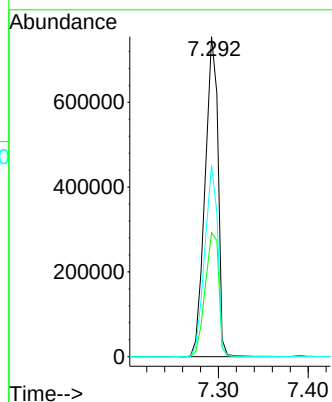
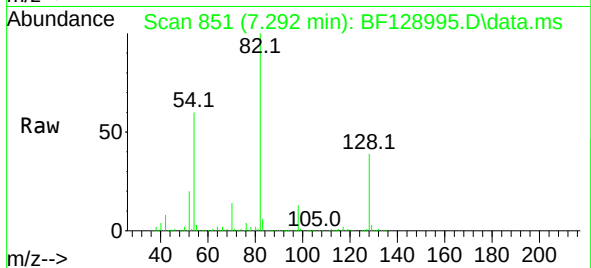




#23
Nitrobenzene-d5
Concen: 84.688 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

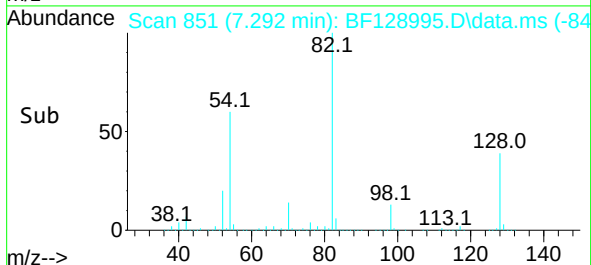
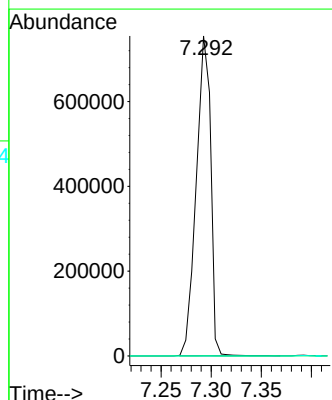
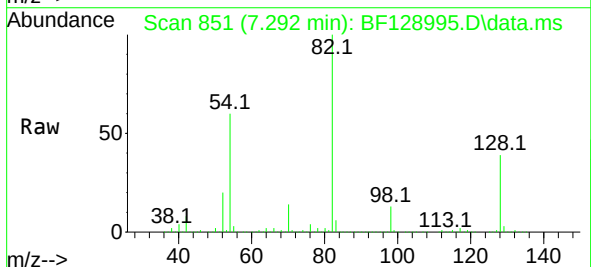
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

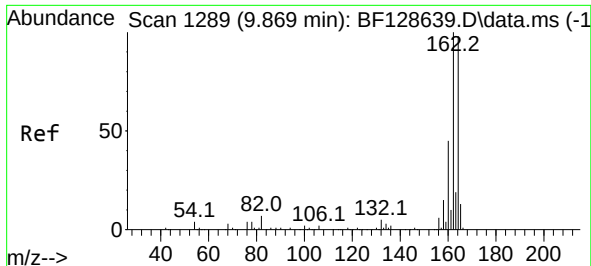
Tgt Ion: 82 Resp: 757585
Ion Ratio Lower Upper
82 100
128 38.7 34.0 51.0
54 59.9 46.9 70.3



#25
Isophorone
Concen: 55.583 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.271 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

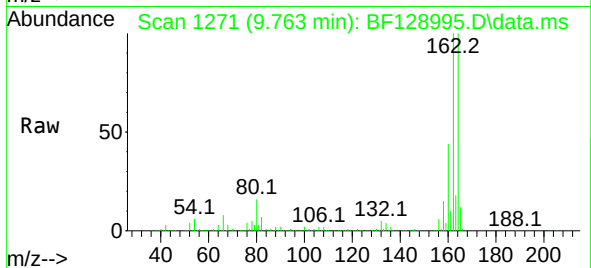
Tgt Ion: 82 Resp: 755182
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



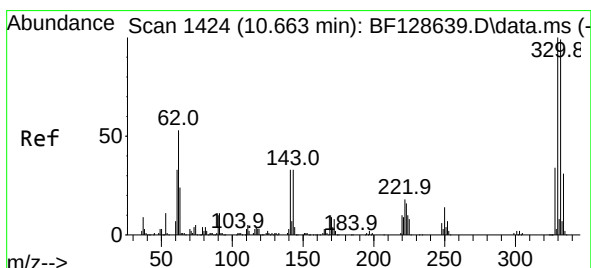
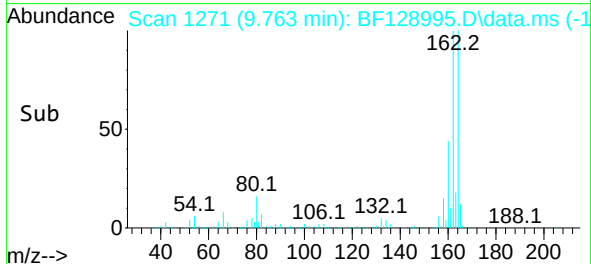
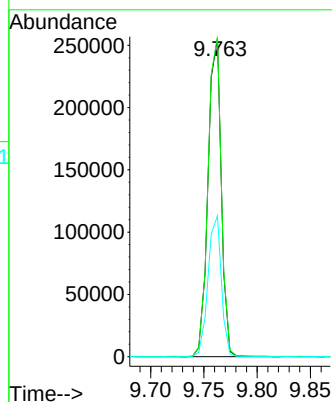


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

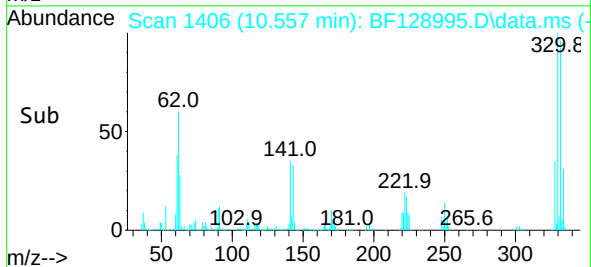
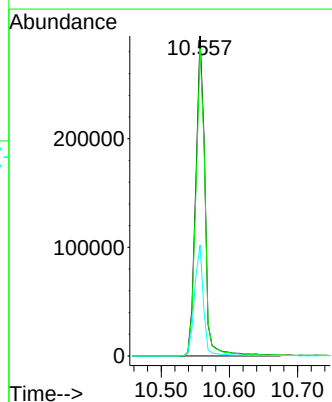
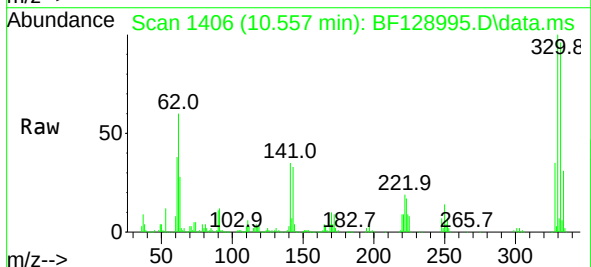


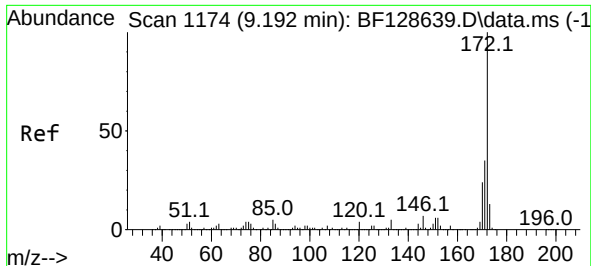
Tgt Ion:164 Resp: 221589
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 105.205 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:330 Resp: 275446
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 33.8 28.0 42.0

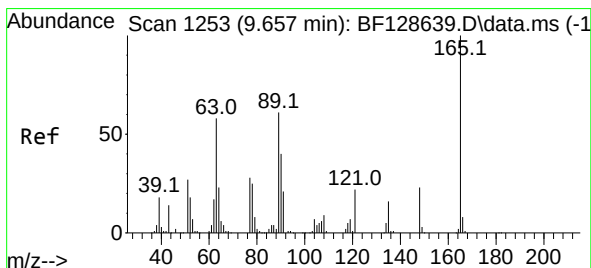
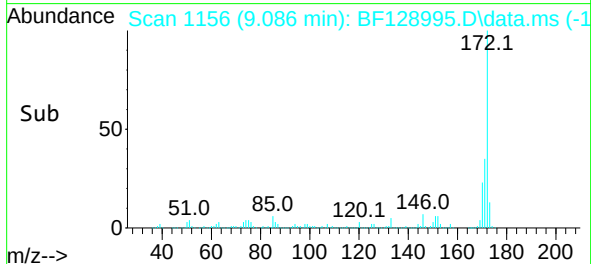
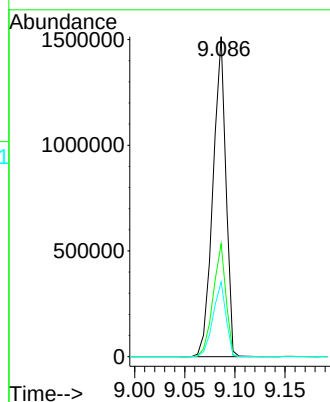
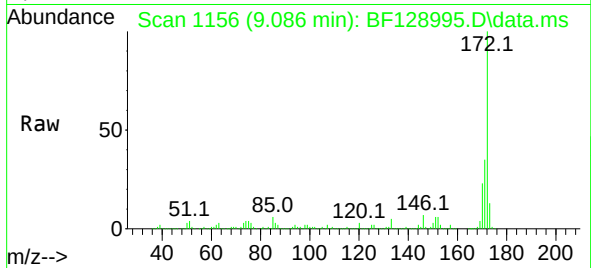




#45
2-Fluorobiphenyl
Concen: 86.026 ng
RT: 9.086 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

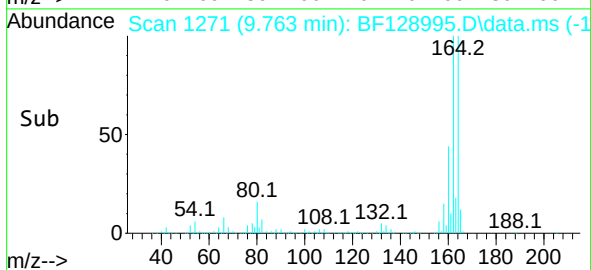
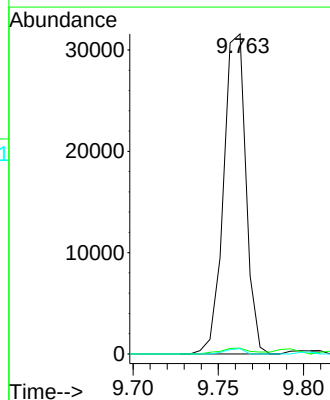
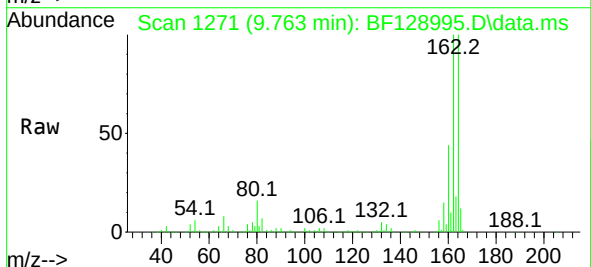
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ClientSampleId :
WC-14B-2-4

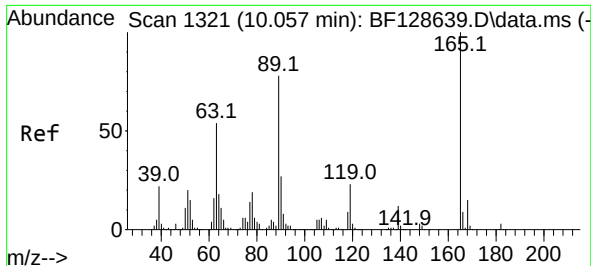
Tgt Ion:172 Resp: 1360825
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.656 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:165 Resp: 28905
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.6 43.6 65.4#

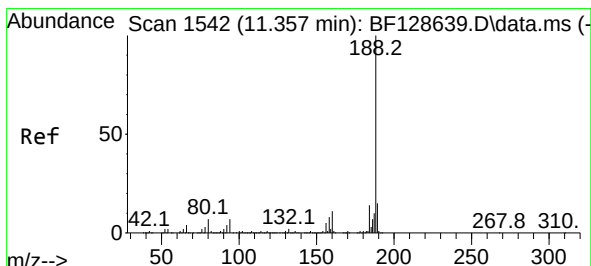
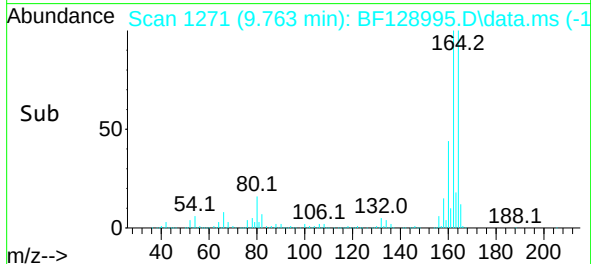
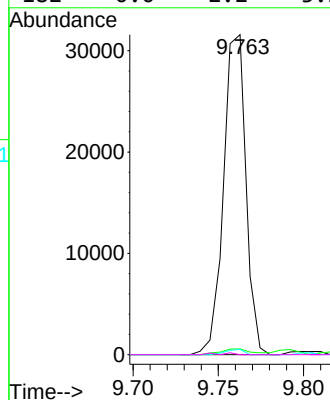
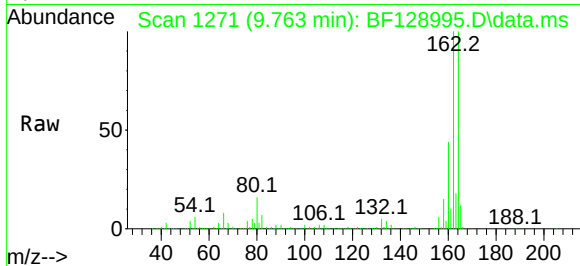




#57
2,4-Dinitrotoluene
Concen: 7.235 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

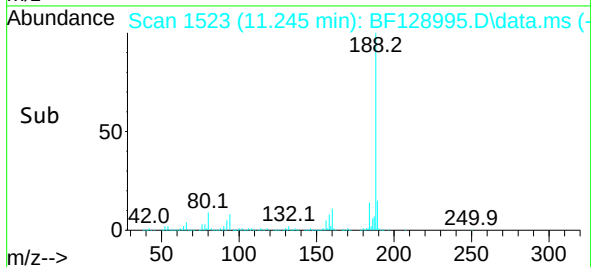
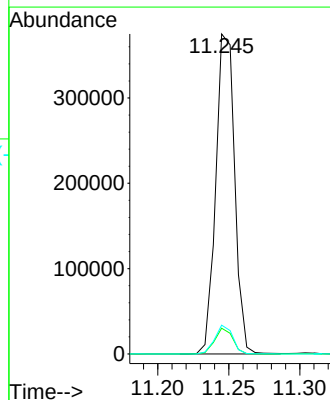
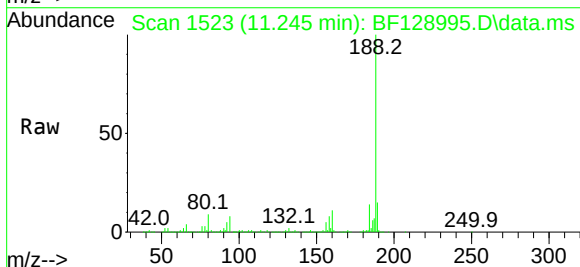
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

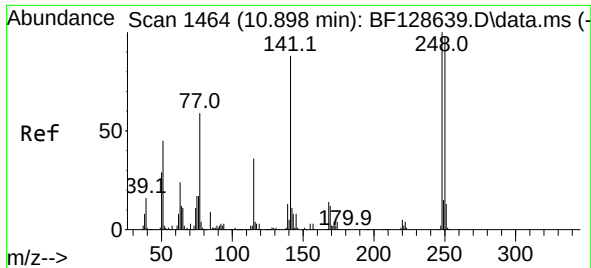
Tgt Ion:165 Resp: 28905
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:188 Resp: 346525
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.0 7.6 11.4

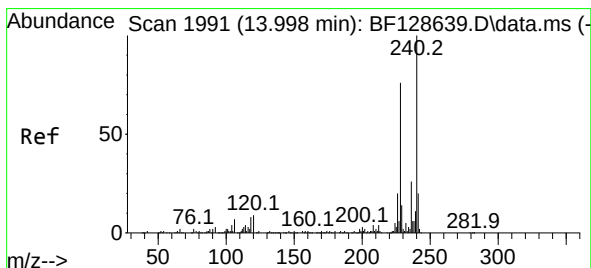
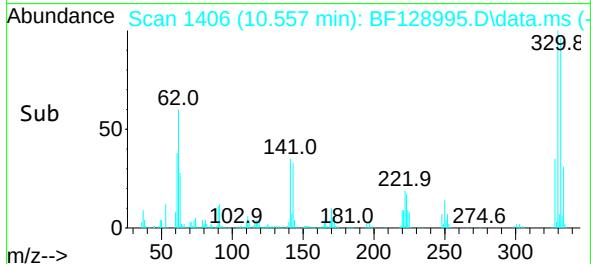
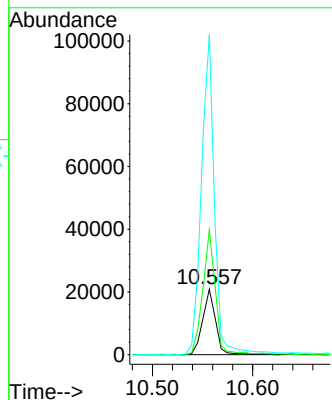
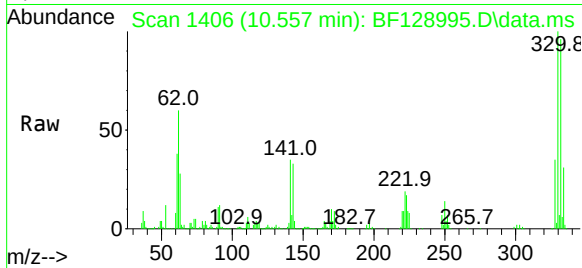




#67
4-Bromophenyl-phenylether
Concen: 4.867 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

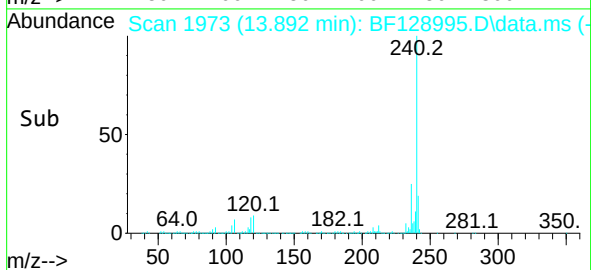
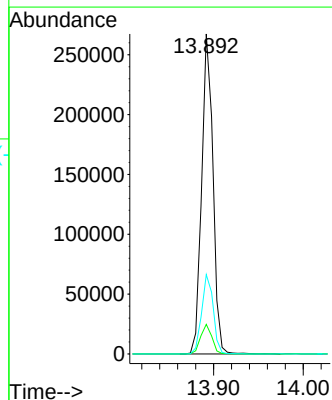
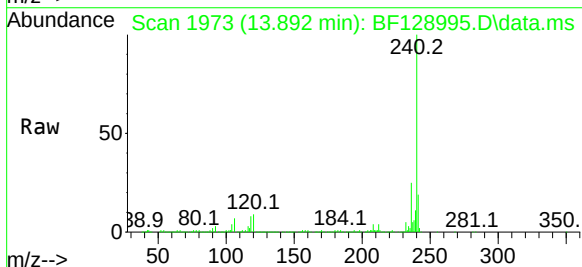
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

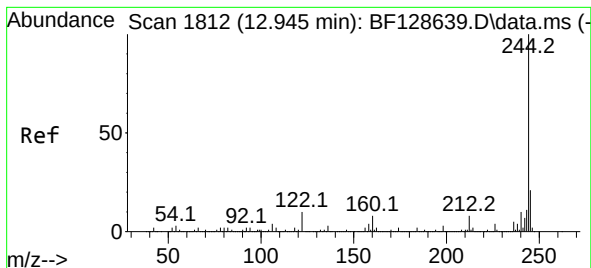
Tgt Ion:248 Resp: 18807
Ion Ratio Lower Upper
248 100
250 190.9 80.6 120.8#
141 489.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:240 Resp: 234068
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 24.8 20.8 31.2





#79

Terphenyl-d14

Concen: 80.939 ng

RT: 12.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

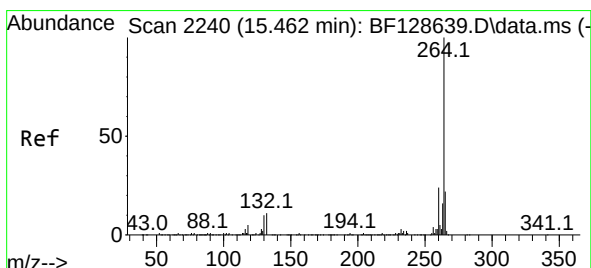
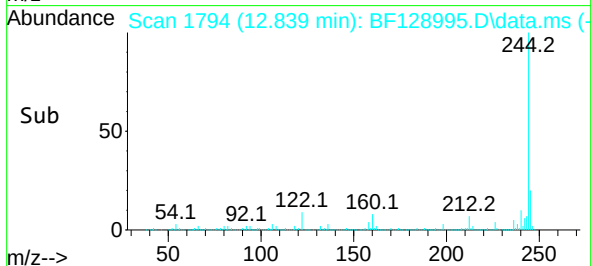
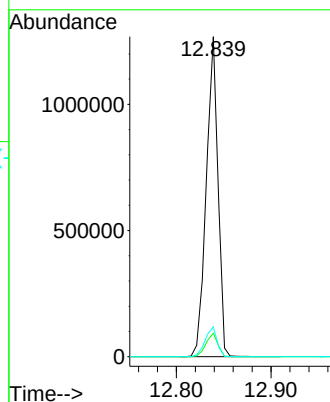
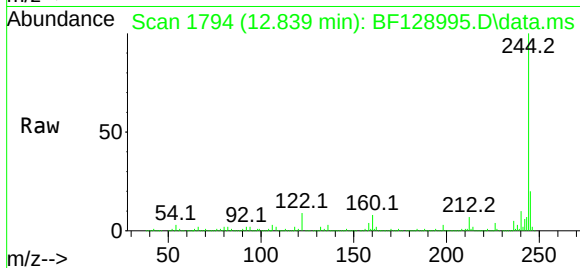
Tgt Ion:244 Resp: 1090289

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Tgt Ion:264 Resp: 203944

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 20.6 17.2 25.8

