

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127500.D
 Acq On : 24 Mar 2022 14:00
 Operator : CG\JU
 Sample : N2062-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Quant Time: Mar 24 15:21:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

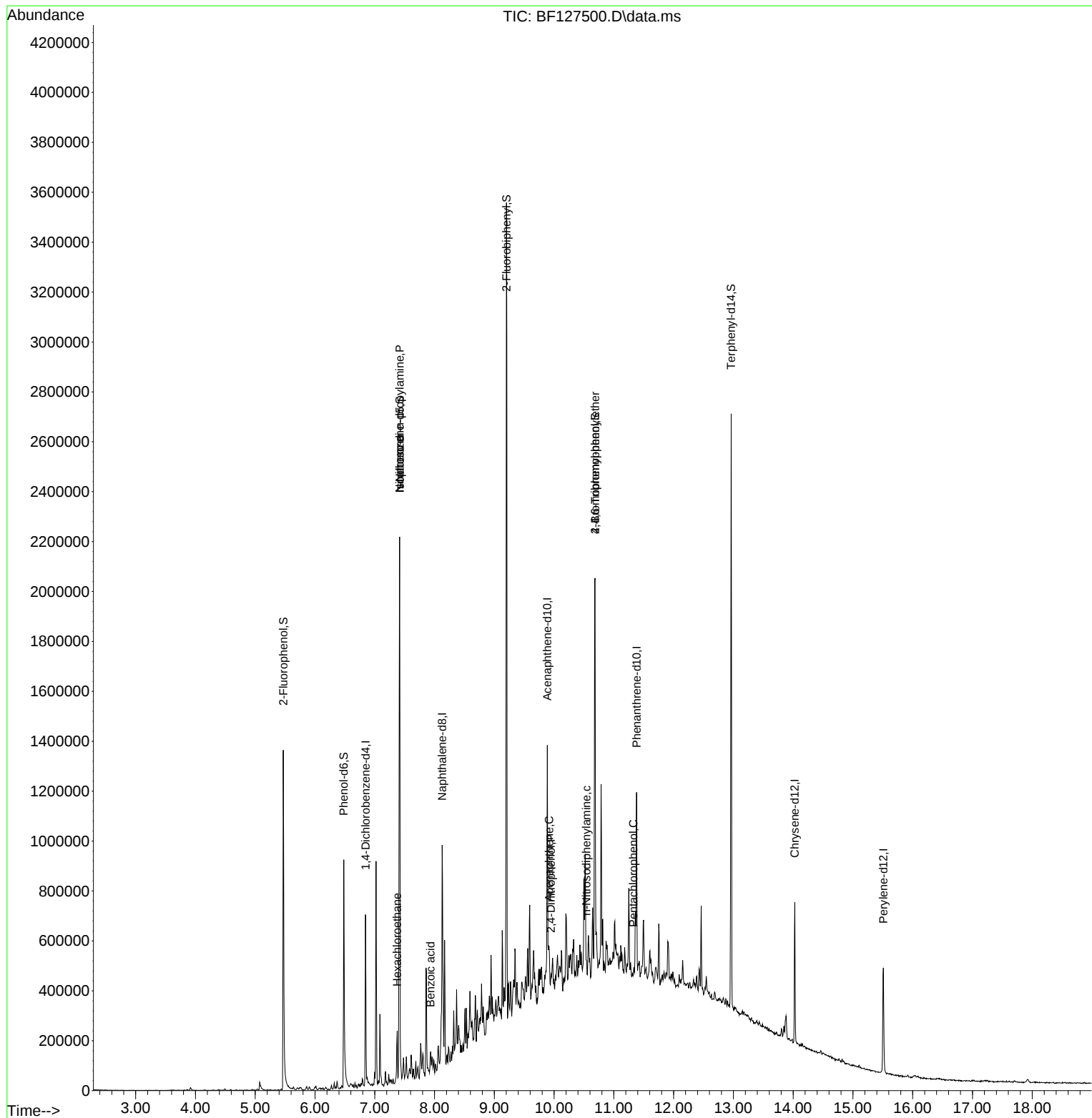
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87729	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	308885	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172676	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	248056	20.000	ng	0.00
76) Chrysene-d12	14.027	240	190054	20.000	ng	0.00
86) Perylene-d12	15.510	264	198719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	357358	65.021	ng	0.00
7) Phenol-d6	6.481	99	306809	40.839	ng	0.00
23) Nitrobenzene-d5	7.416	82	643253	89.018	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	221800	120.580	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1054932	89.210	ng	0.00
79) Terphenyl-d14	12.963	244	813471	70.068	ng	0.00
Target Compounds						
9) Benzaldehyde	6.363	77	74	Below Cal	Qvalue #	7
18) Hexachloroethane	7.375	117	42529	18.282 ng	#	2
19) n-Nitroso-di-n-propyla...	7.416	70	87460	19.422 ng	#	81
25) Isophorone	7.416	82	643253	55.891 ng	#	70
32) Benzoic acid	7.934	122	1299	6.497 ng	#	16
52) Acenaphthene	9.916	154	19793	2.185 ng	#	93
54) 2,4-Dinitrophenol	9.945	184	59	8.742 ng	#	1
55) Dibenzofuran	10.092	168	16520	Below Cal	#	90
66) n-Nitrosodiphenylamine	10.539	169	16076	2.129 ng	#	50
67) 4-Bromophenyl-phenylether	10.686	248	14735	5.088 ng	#	1
70) Pentachlorophenol	11.327	266	59	6.786 ng	#	20

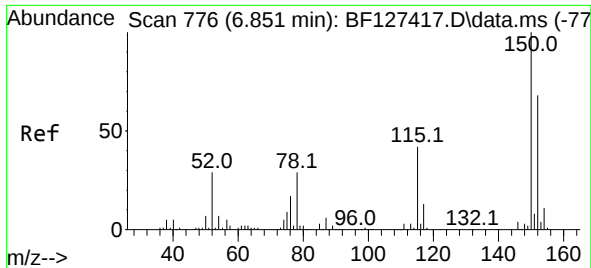
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
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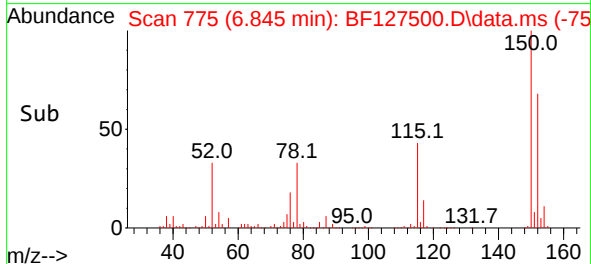
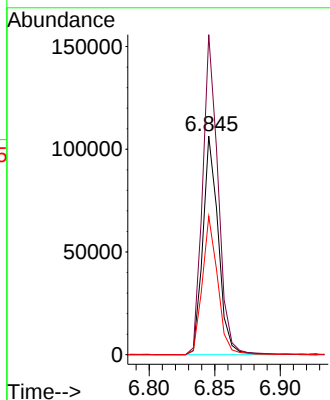
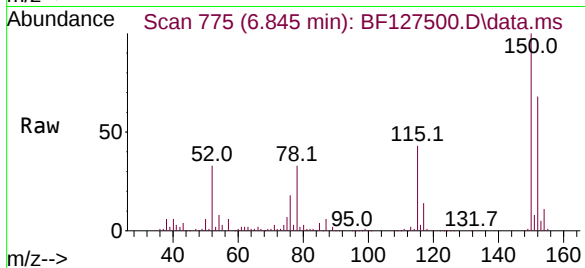




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

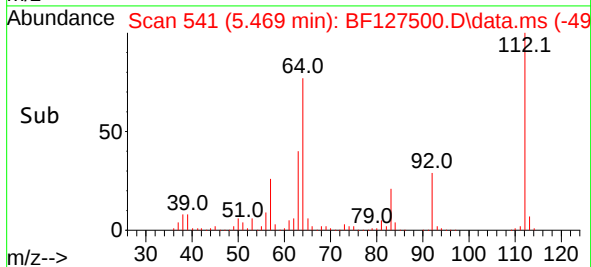
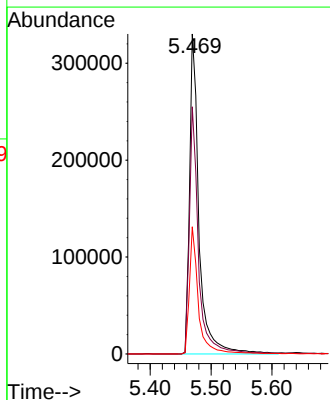
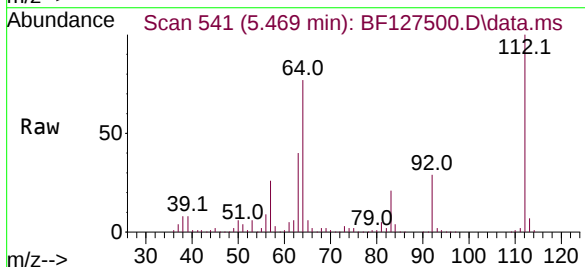
Instrument :
BNA_F
ClientSampleId :
MW-2R

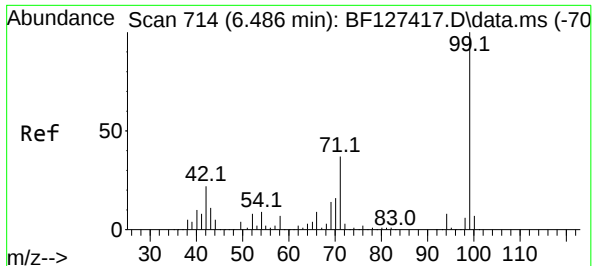
Tgt Ion:152 Resp: 87729
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 65.021 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:112 Resp: 357358
Ion Ratio Lower Upper
112 100
64 77.2 58.4 87.6
63 39.7 30.1 45.1

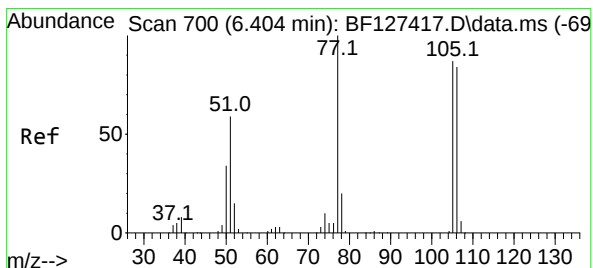
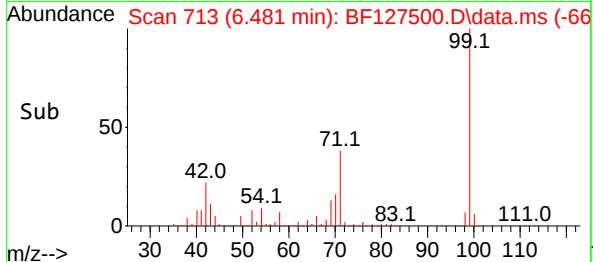
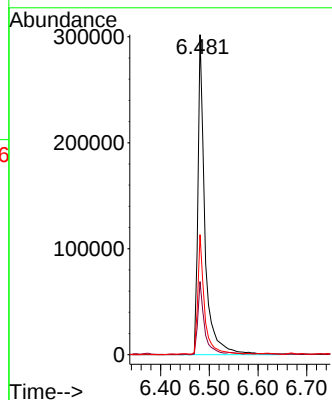
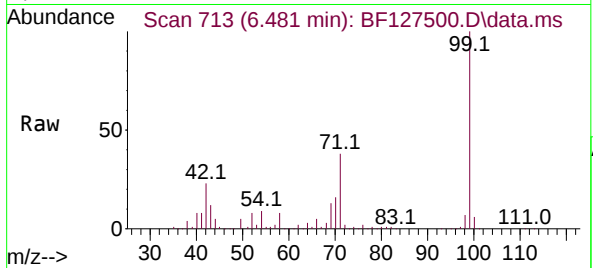




#7
Phenol-d6
Concen: 40.839 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

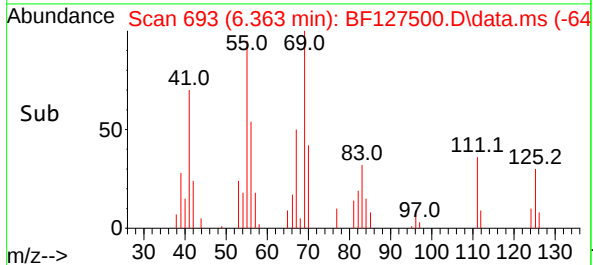
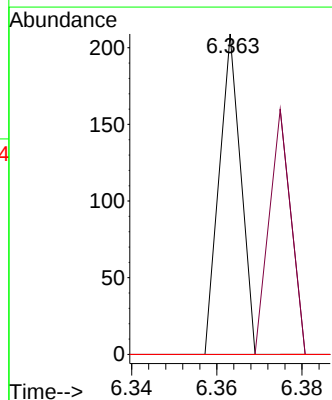
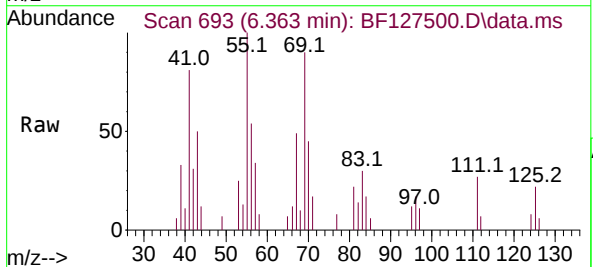
Instrument :
BNA_F
ClientSampleId :
MW-2R

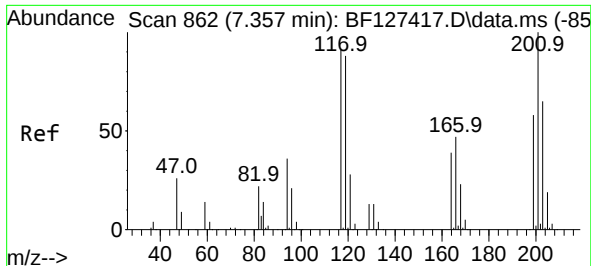
Tgt Ion: 99 Resp: 306809
Ion Ratio Lower Upper
99 100
42 22.8 17.8 26.6
71 37.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. -0.041 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 77 Resp: 74
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

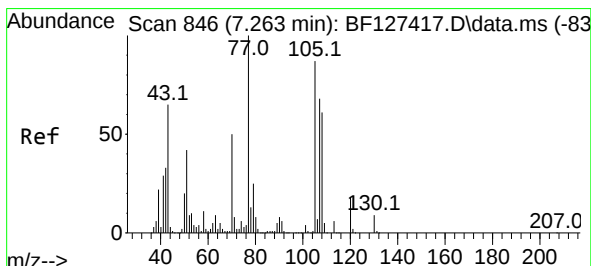
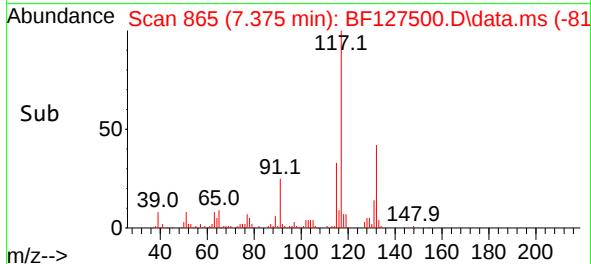
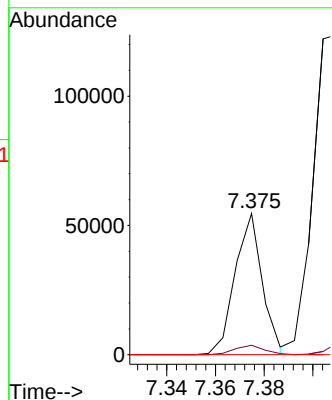
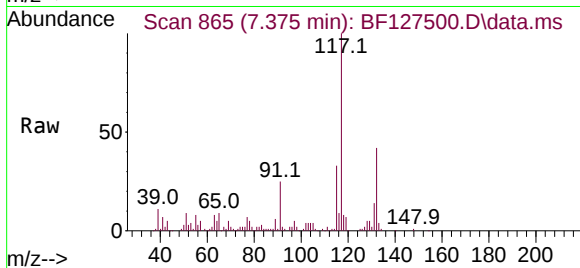




#18
Hexachloroethane
Concen: 18.282 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

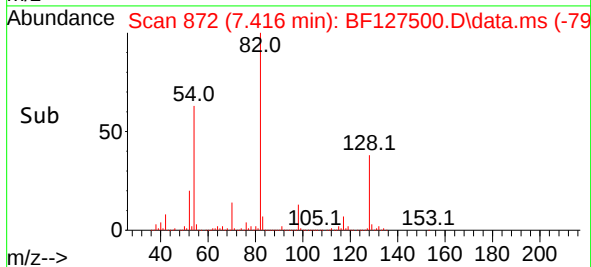
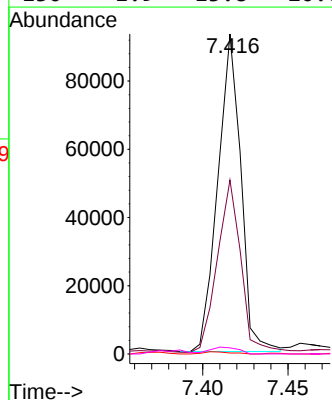
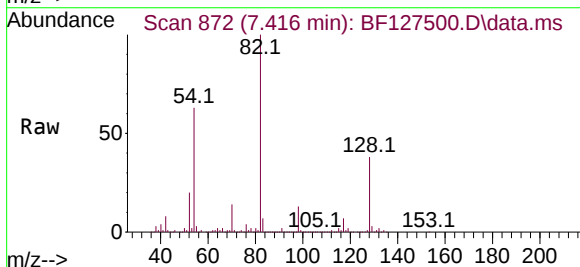
Instrument :
BNA_F
ClientSampleId :
MW-2R

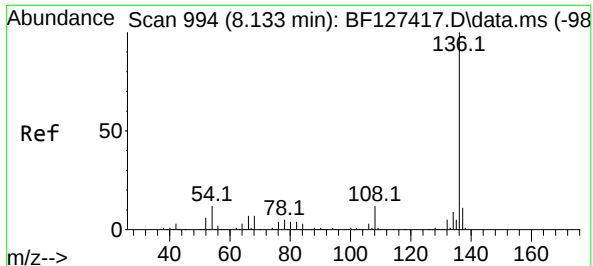
Tgt Ion:117 Resp: 42529
Ion Ratio Lower Upper
117 100
119 6.7 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 19.422 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 70 Resp: 87460
Ion Ratio Lower Upper
70 100
42 54.4 53.0 79.6
101 0.3 6.8 10.2#
130 1.9 13.8 20.6#



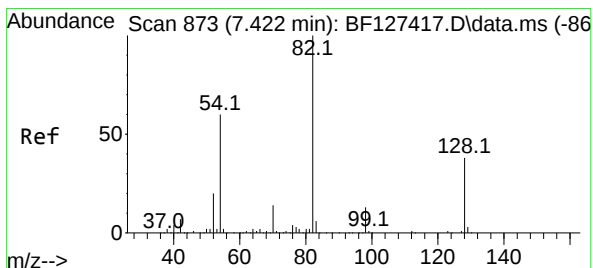
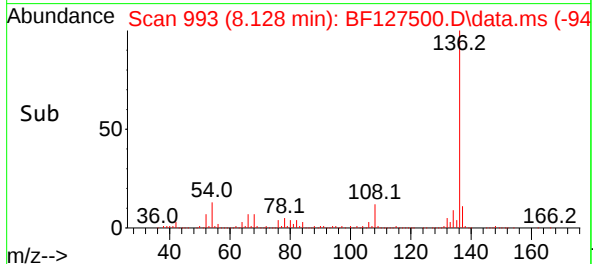
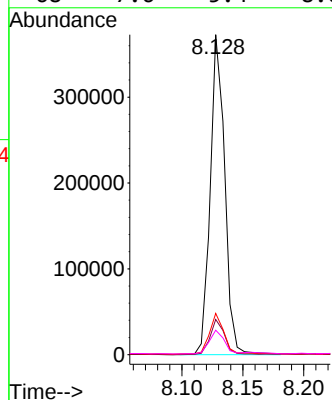
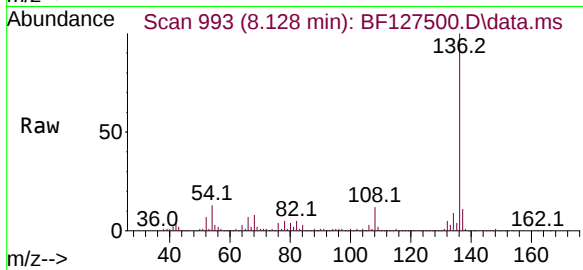


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Instrument :
BNA_F
ClientSampleId :
MW-2R

Tgt Ion:136 Resp: 308885

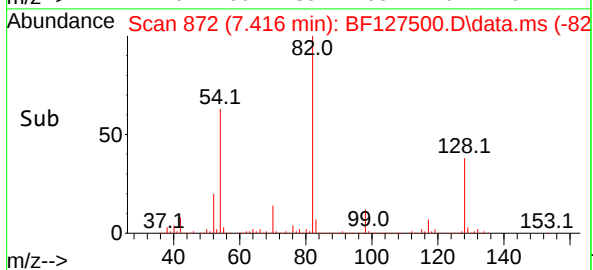
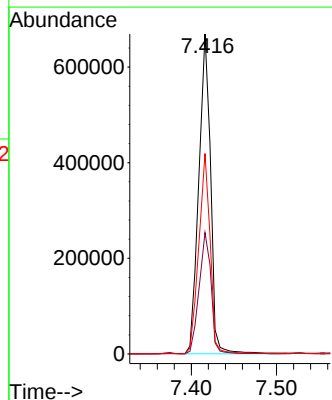
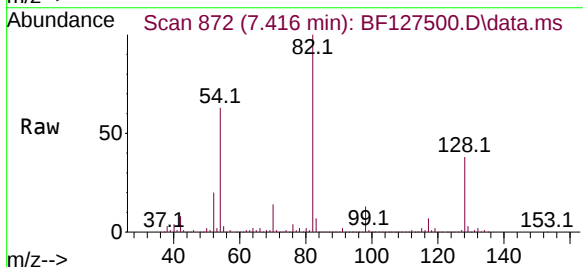
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	12.9	9.2	13.8
68	7.6	5.4	8.0

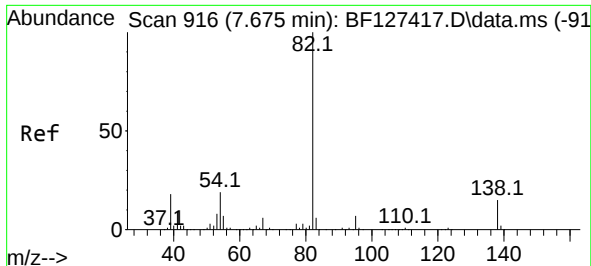


#23
Nitrobenzene-d5
Concen: 89.018 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 82 Resp: 643253

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	62.7	48.2	72.2

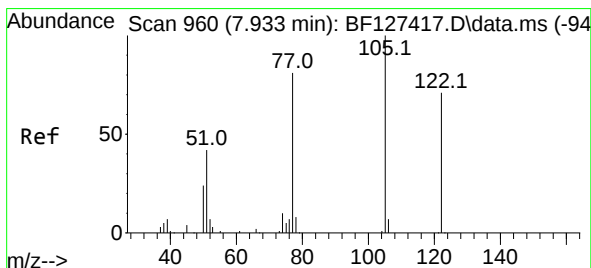
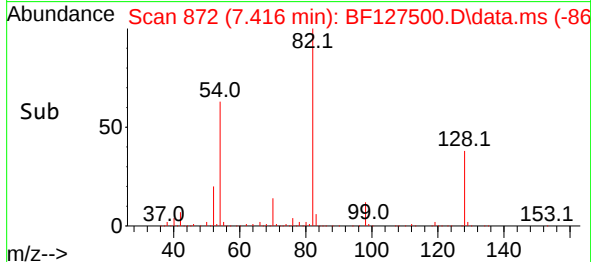
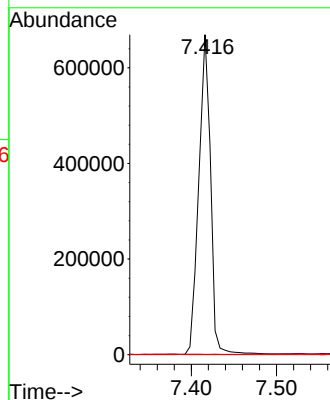
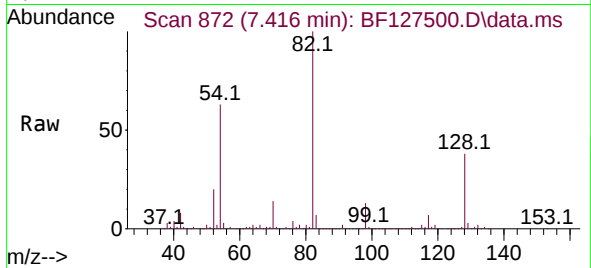




#25
Isophorone
Concen: 55.891 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

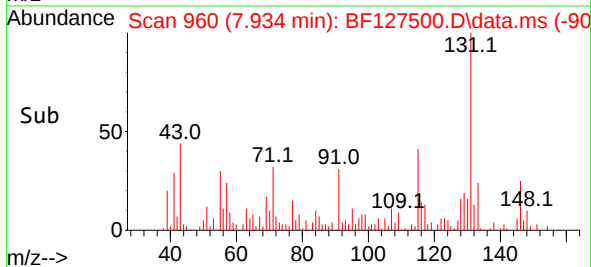
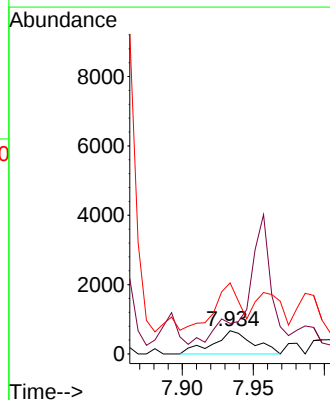
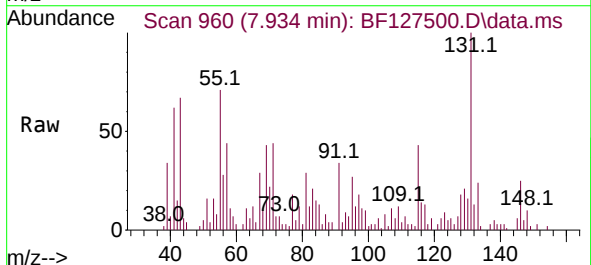
Instrument :
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ClientSampleId :
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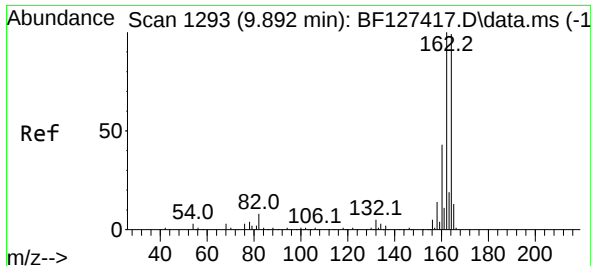
Tgt Ion: 82 Resp: 643253
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.497 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.001 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:122 Resp: 1299
Ion Ratio Lower Upper
122 100
105 131.3 117.1 157.1
77 305.1 93.0 133.0#

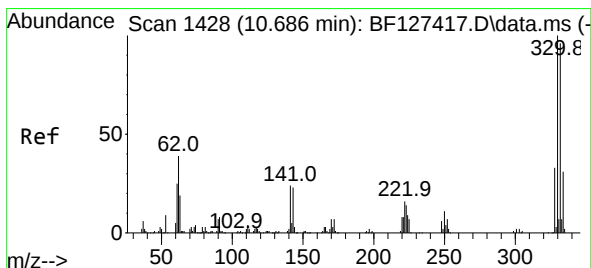
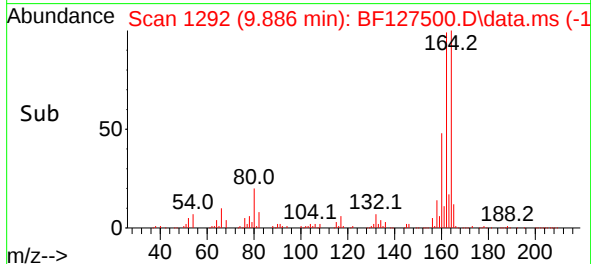
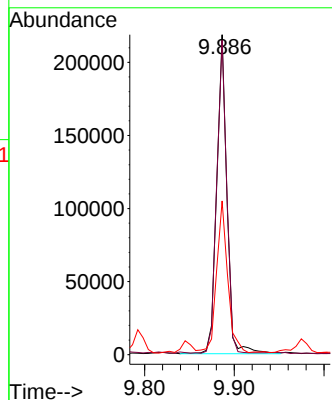
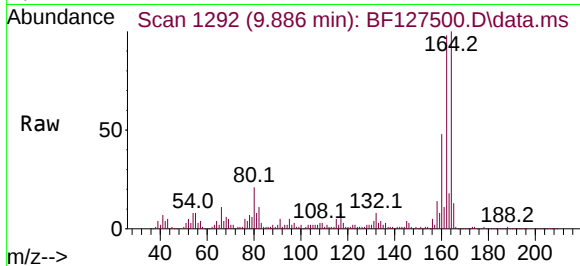




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

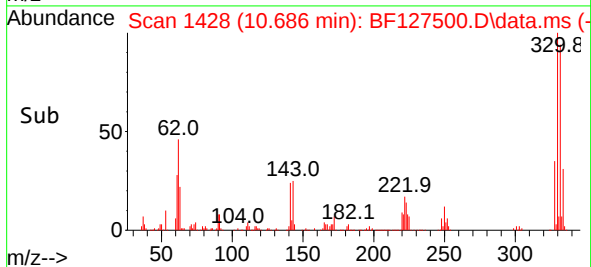
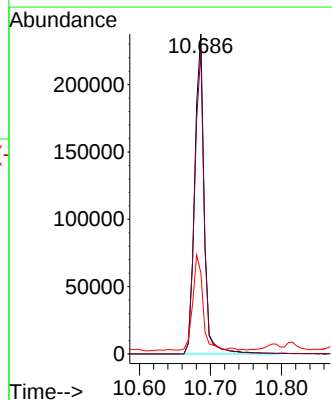
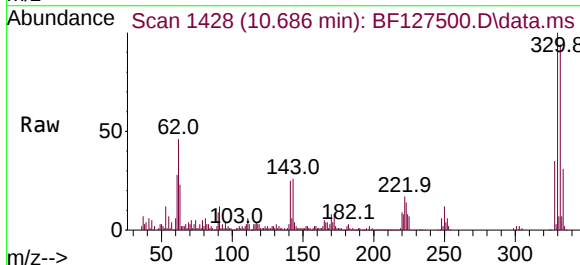
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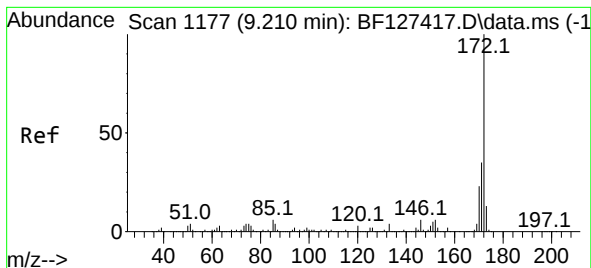
Tgt Ion:164 Resp: 172676
Ion Ratio Lower Upper
164 100
162 98.2 81.2 121.8
160 48.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 120.580 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:330 Resp: 221800
Ion Ratio Lower Upper
330 100
332 95.1 79.1 118.7
141 31.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 89.210 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

Instrument :

BNA_F

ClientSampleId :

MW-2R

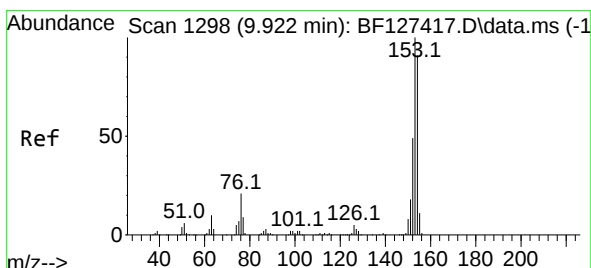
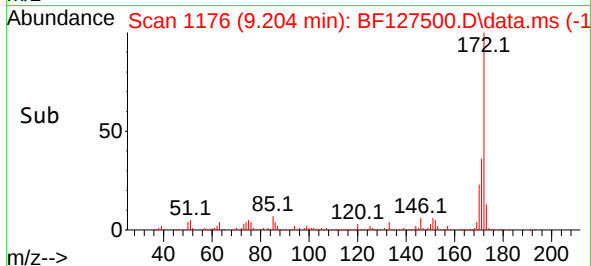
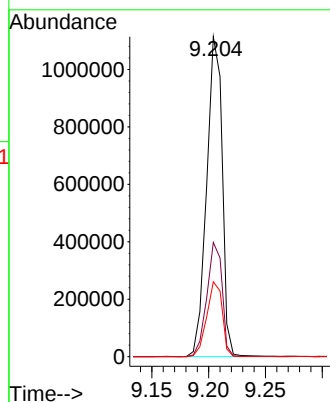
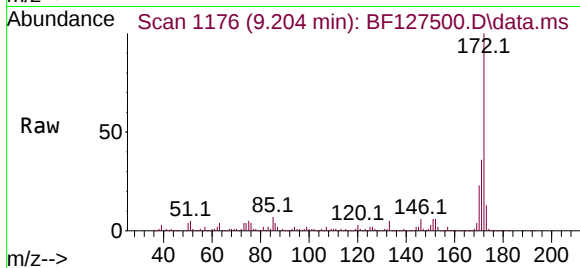
Tgt Ion:172 Resp: 1054932

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 18.6 27.8



#52

Acenaphthene

Concen: 2.185 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

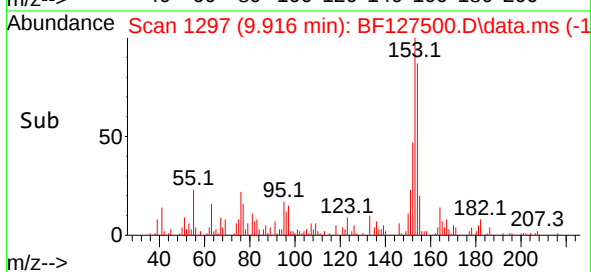
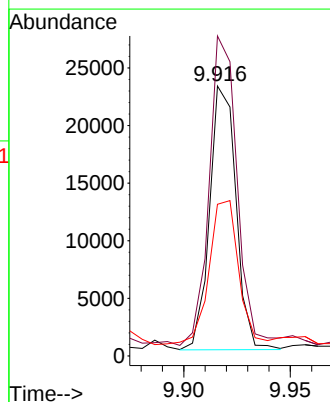
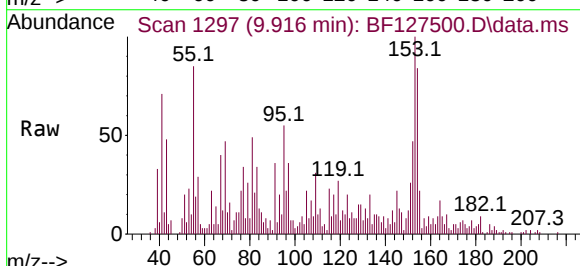
Tgt Ion:154 Resp: 19793

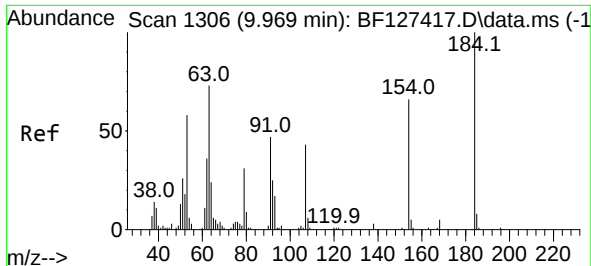
Ion Ratio Lower Upper

154 100

153 118.5 87.6 131.4

152 56.2 42.9 64.3





#54

2,4-Dinitrophenol

Concen: 8.742 ng

RT: 9.945 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

Instrument :

BNA_F

ClientSampleId :

MW-2R

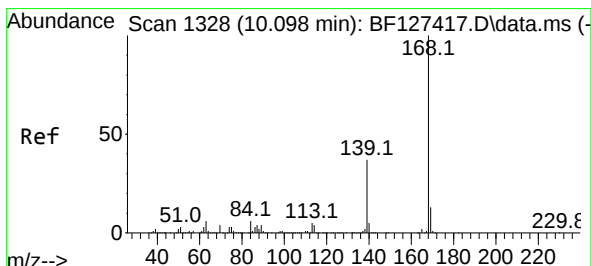
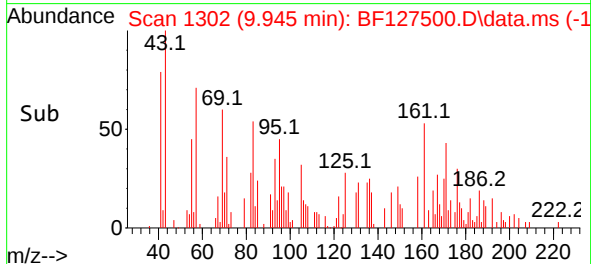
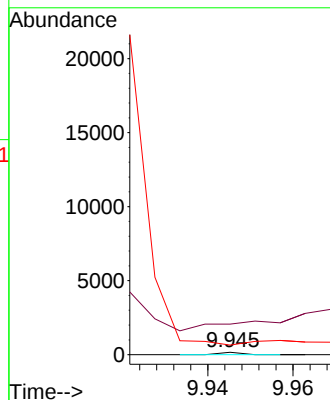
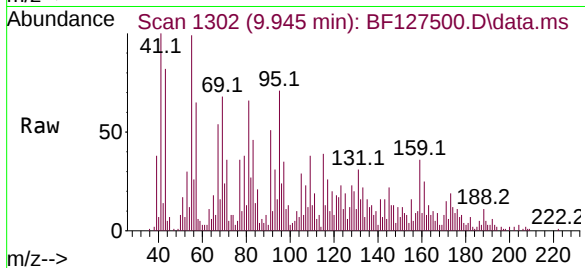
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 1235.9 58.1 87.1#

154 391.0 53.2 79.8#



#55

Dibenzofuran

Concen: Below Cal

RT: 10.092 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

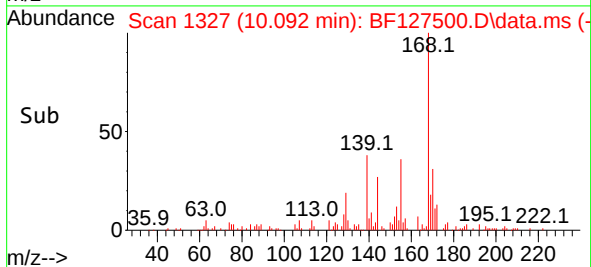
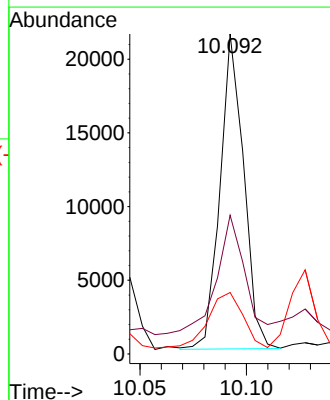
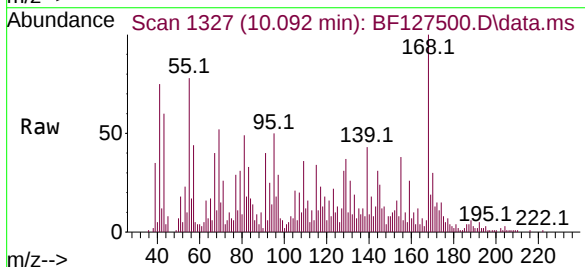
Tgt Ion:168 Resp: 16520

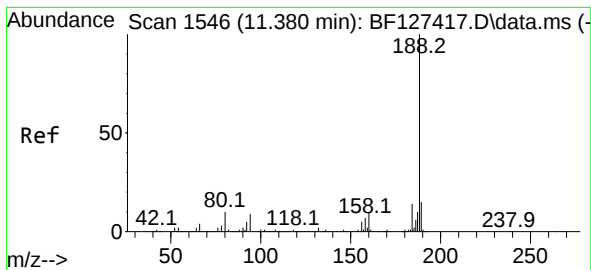
Ion Ratio Lower Upper

168 100

139 43.4 30.3 45.5

169 19.2 10.8 16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

Instrument :

BNA_F

ClientSampleId :

MW-2R

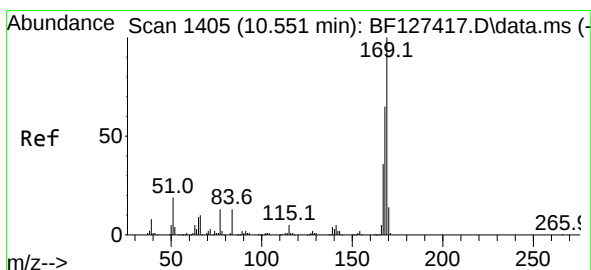
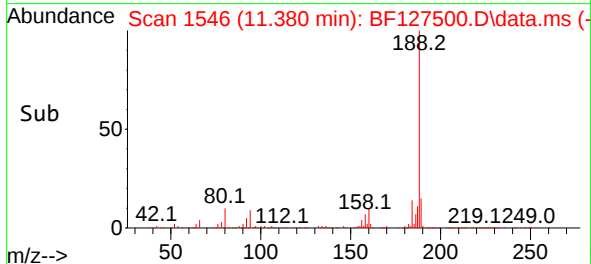
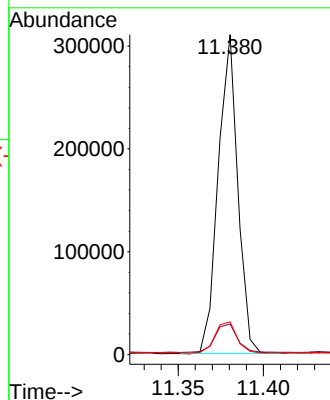
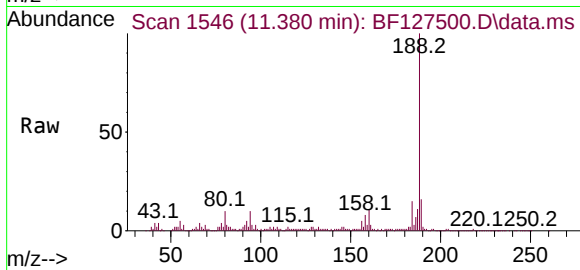
Tgt Ion:188 Resp: 248056

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.2 8.0 12.0



#66

n-Nitrosodiphenylamine

Concen: 2.129 ng

RT: 10.539 min Scan# 1403

Delta R.T. -0.012 min

Lab File: BF127500.D

Acq: 24 Mar 2022 14:00

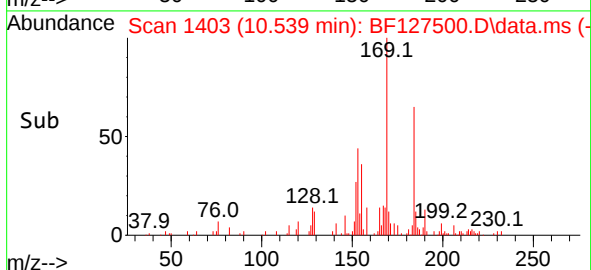
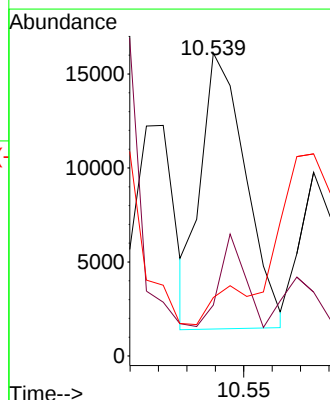
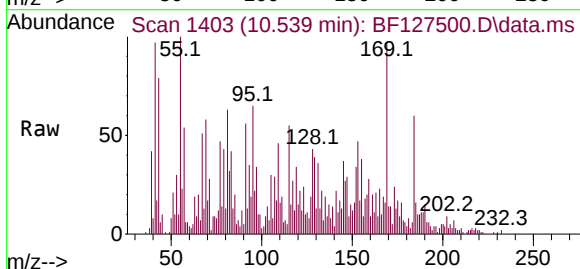
Tgt Ion:169 Resp: 16076

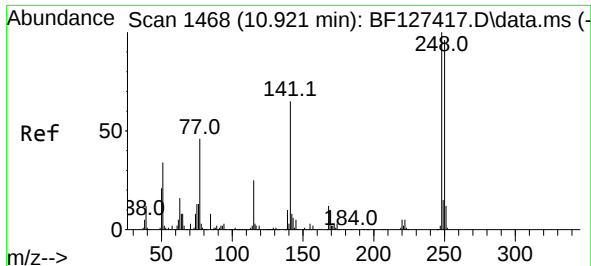
Ion Ratio Lower Upper

169 100

168 16.8 52.7 79.1#

167 19.3 28.9 43.3#

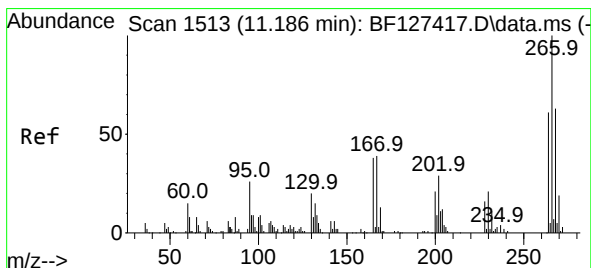
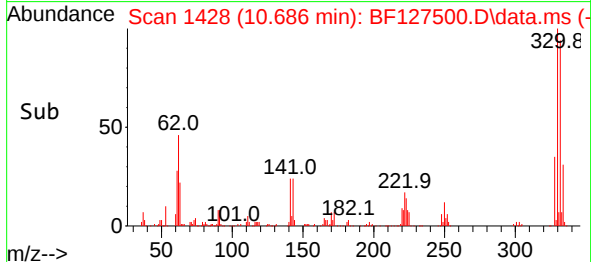
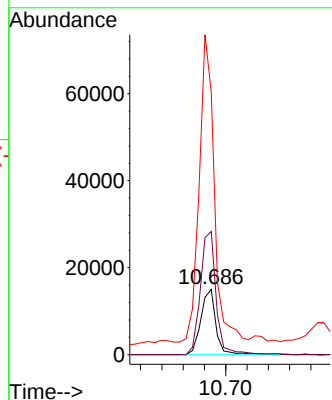
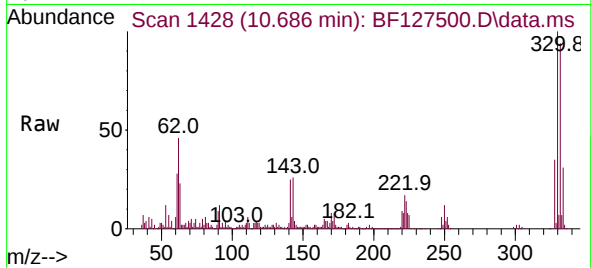




#67
4-Bromophenyl-phenylether
Concen: 5.088 ng
RT: 10.686 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

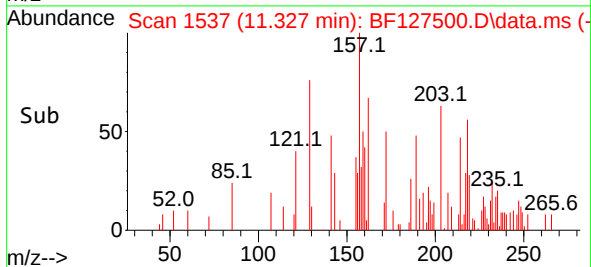
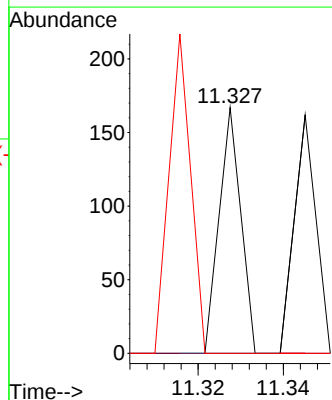
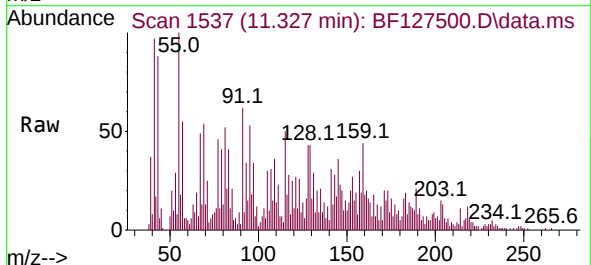
Instrument :
BNA_F
ClientSampleId :
MW-2R

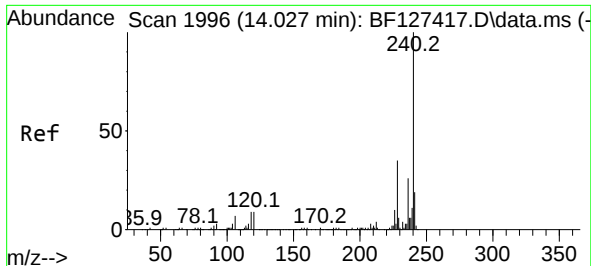
Tgt Ion:248 Resp: 14735
Ion Ratio Lower Upper
248 100
250 188.6 76.6 115.0#
141 401.8 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.786 ng
RT: 11.327 min Scan# 1537
Delta R.T. 0.141 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

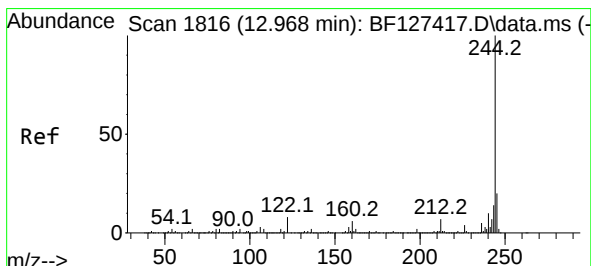
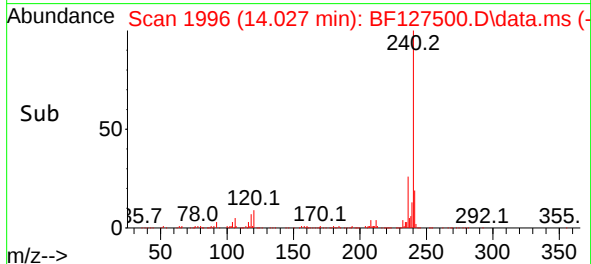
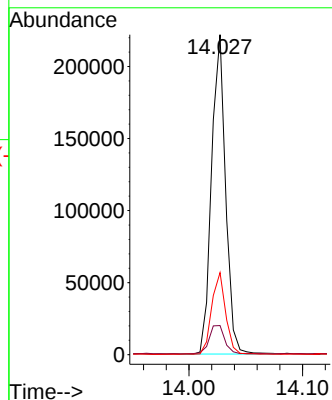
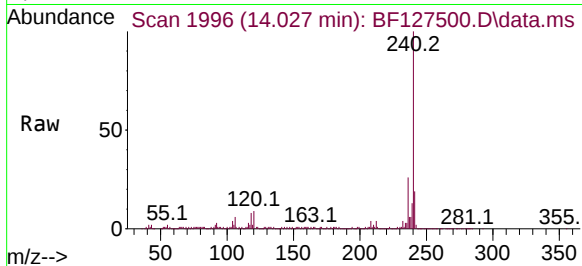




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

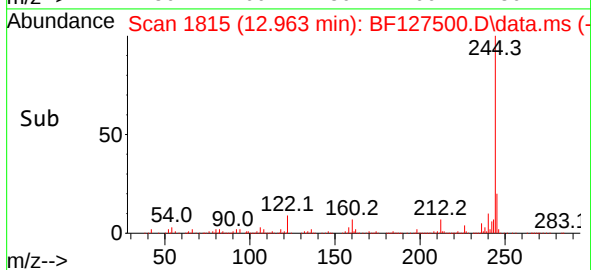
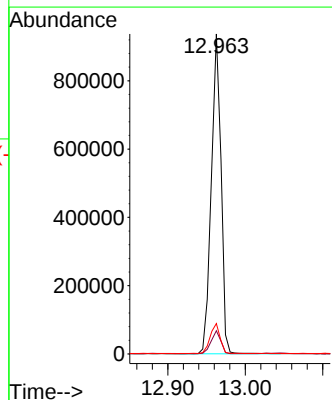
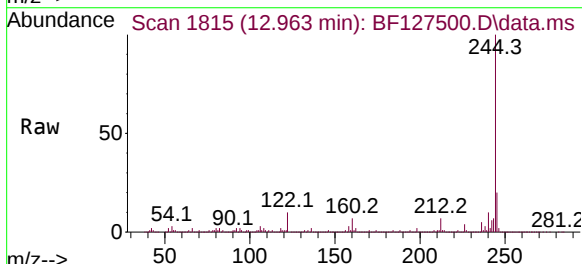
Instrument :
BNA_F
ClientSampleId :
MW-2R

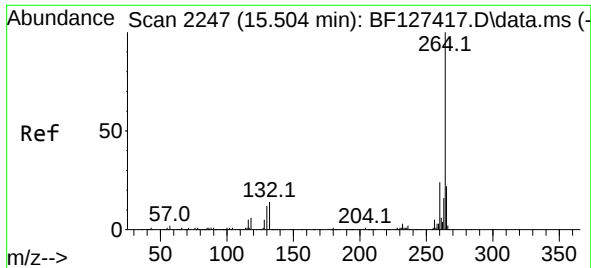
Tgt Ion:240 Resp: 190054
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 70.068 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Tgt Ion:244 Resp: 813471
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127500.D
Acq: 24 Mar 2022 14:00

Instrument :
BNA_F
ClientSampleId :
MW-2R

Tgt Ion:264 Resp: 198719
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 20.7 17.4 26.2

