

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127487.D
 Acq On : 23 Mar 2022 18:22
 Operator : CG\JU
 Sample : N2063-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-(10-10.5)

Quant Time: Mar 24 02:13:01 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)

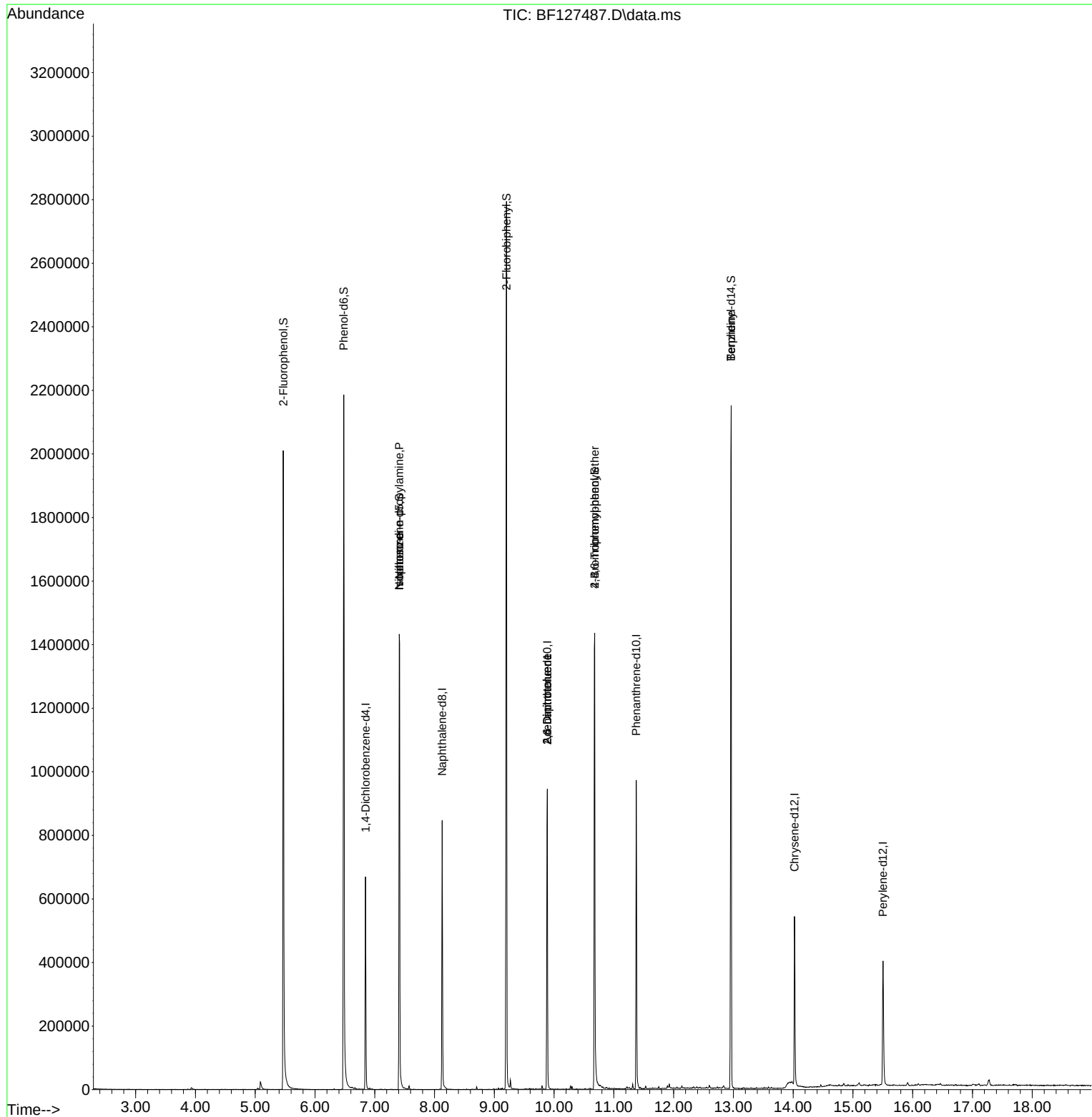
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90410	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	330878	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	191659	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	339814	20.000	ng	0.00
76) Chrysene-d12	14.021	240	190556	20.000	ng	0.00
86) Perylene-d12	15.503	264	186101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	510894	90.200	ng	0.00
7) Phenol-d6	6.481	99	716899	92.596	ng	0.00
23) Nitrobenzene-d5	7.410	82	496268	64.112	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	181319	88.810	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	836174	63.707	ng	0.00
79) Terphenyl-d14	12.962	244	768960	66.059	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1123	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	67343	14.511	ng	# 80
25) Isophorone	7.410	82	496264	40.253	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	24200	8.646	ng	# 17
55) Dibenzofuran	10.104	168	72	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	24200	6.717	ng	# 13
58) Fluorene	10.680	166	7332	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.680	248	12402	3.126	ng	# 1
77) Benzidine	12.962	184	9591	2.111	ng	# 92

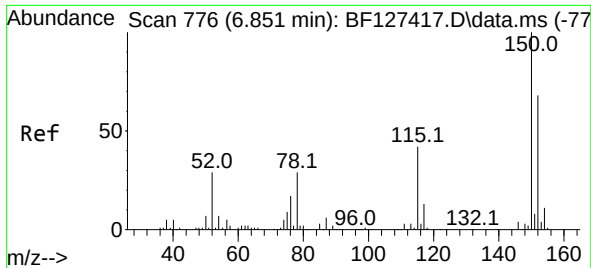
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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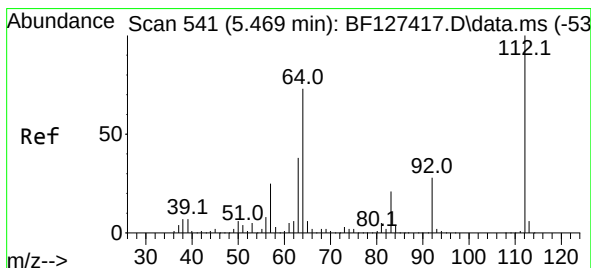
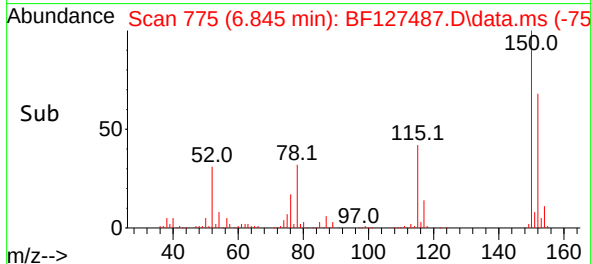
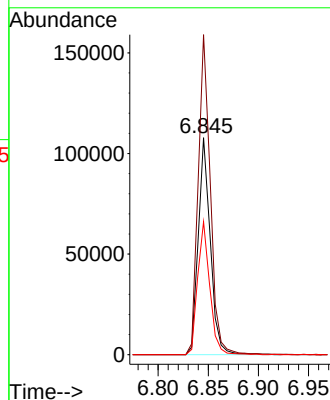
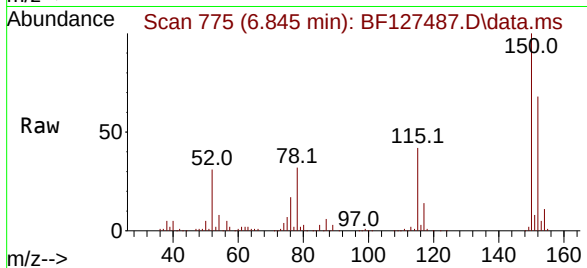




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

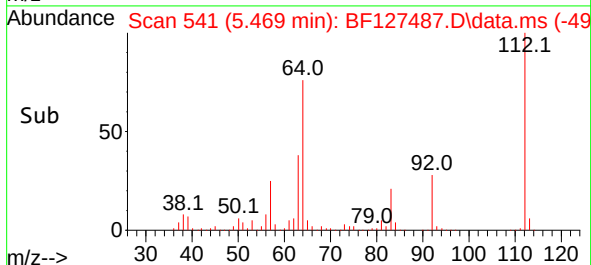
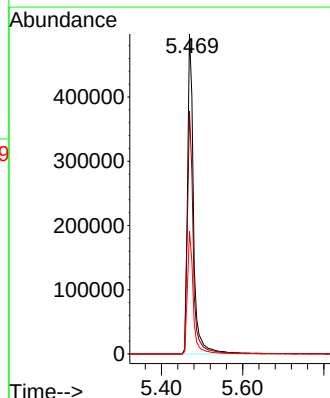
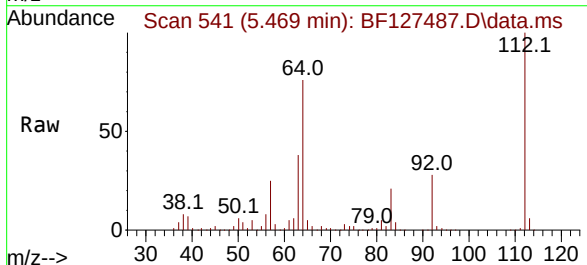
Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

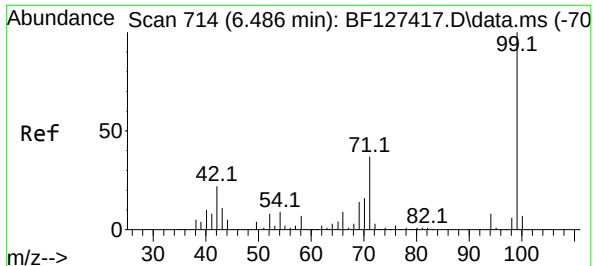
Tgt Ion:152 Resp: 90410
Ion Ratio Lower Upper
152 100
150 147.5 117.2 175.8
115 61.3 49.8 74.6



#5
2-Fluorophenol
Concen: 90.200 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Tgt Ion:112 Resp: 510894
Ion Ratio Lower Upper
112 100
64 75.8 58.4 87.6
63 38.3 30.1 45.1

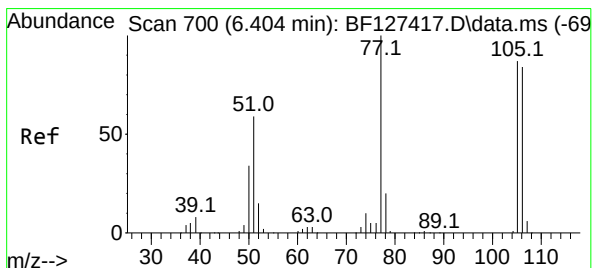
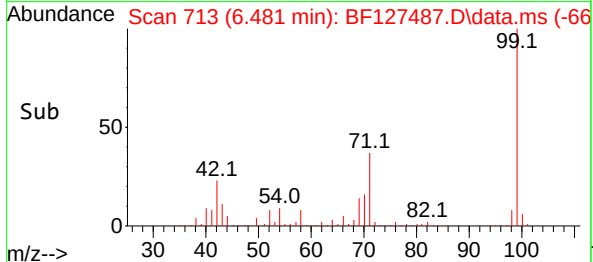
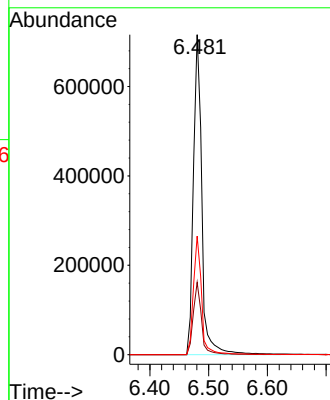
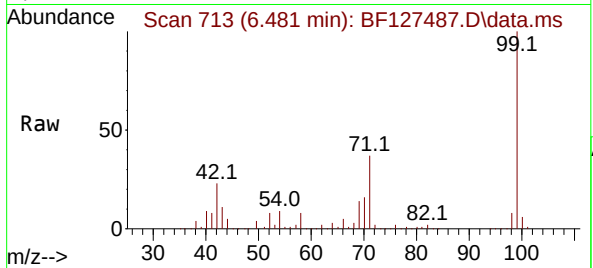




#7
Phenol-d6
Concen: 92.596 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

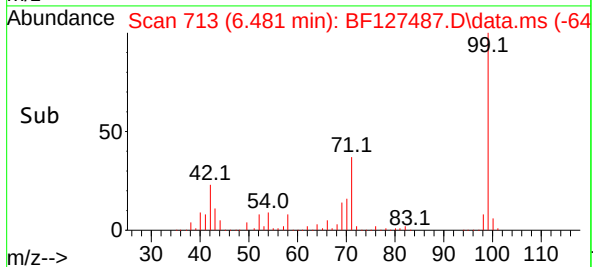
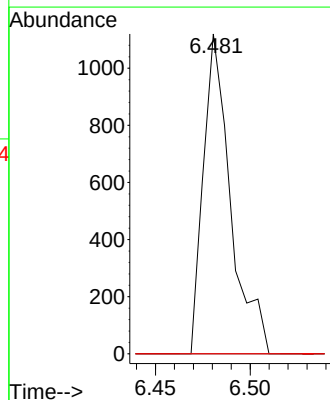
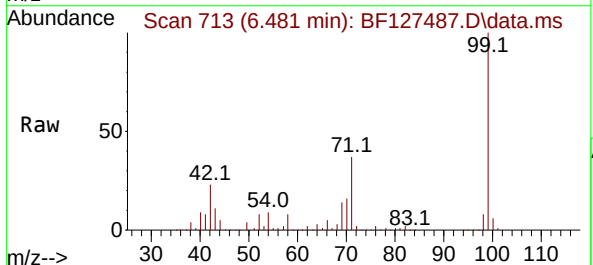
Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

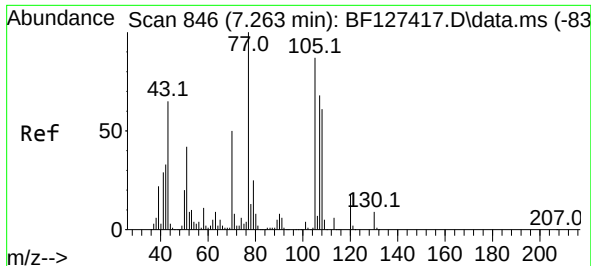
Tgt Ion: 99 Resp: 716899
Ion Ratio Lower Upper
99 100
42 22.6 17.8 26.6
71 37.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

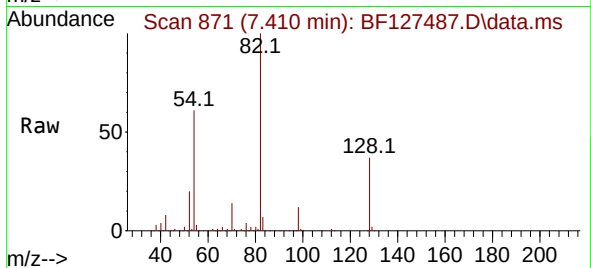
Tgt Ion: 77 Resp: 1123
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



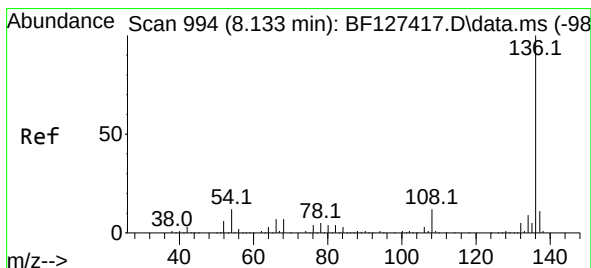
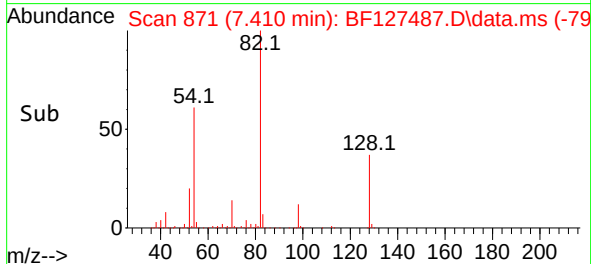
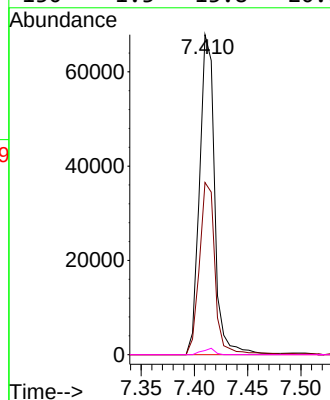


#19
n-Nitroso-di-n-propylamine
Concen: 14.511 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

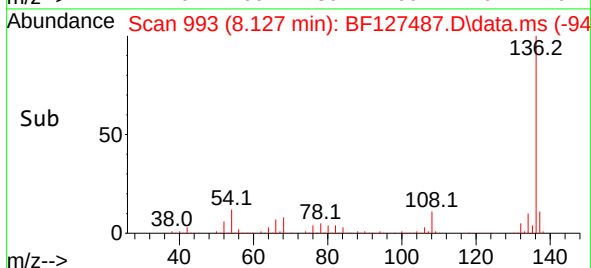
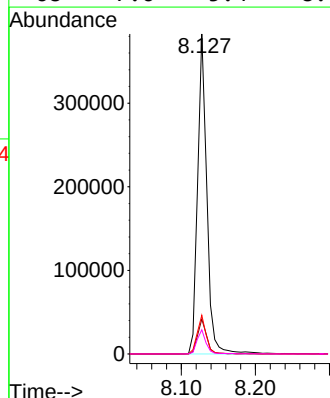
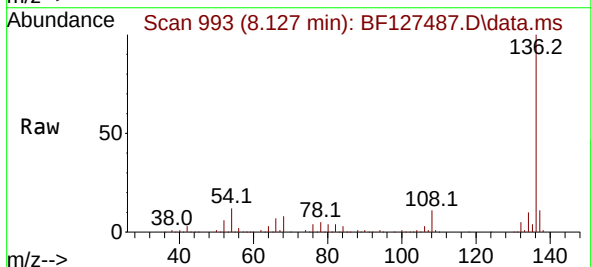


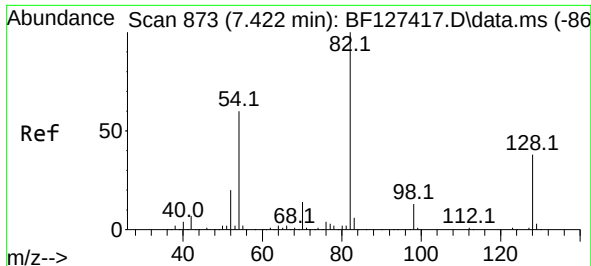
Tgt Ion: 70 Resp: 67343
Ion Ratio Lower Upper
70 100
42 53.8 53.0 79.6
101 0.0 6.8 10.2#
130 1.3 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Tgt Ion: 136 Resp: 330878
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.1 9.2 13.8
68 7.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.112 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127487.D

Acq: 23 Mar 2022 18:22

Instrument :

BNA_F

ClientSampleId :

WC-9-(10-10.5)

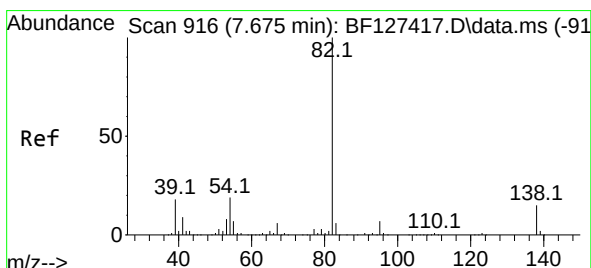
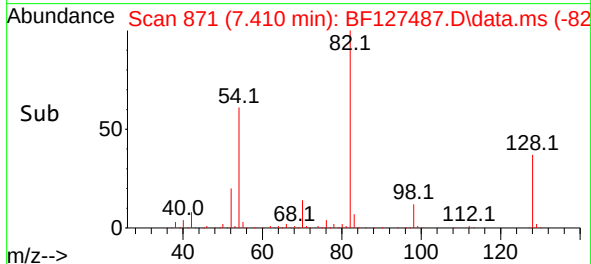
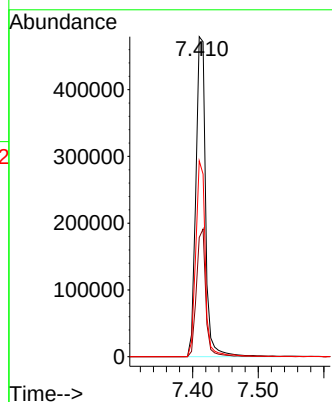
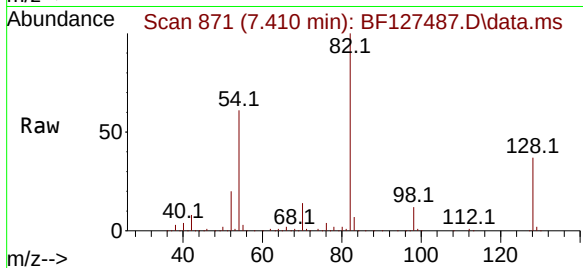
Tgt Ion: 82 Resp: 496268

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 40.253 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.265 min

Lab File: BF127487.D

Acq: 23 Mar 2022 18:22

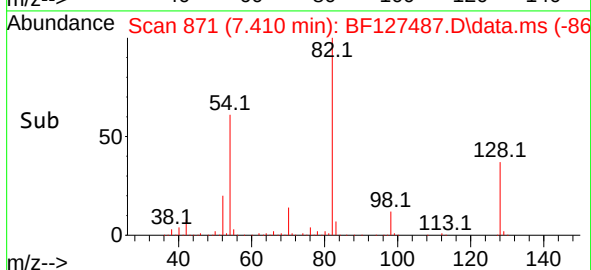
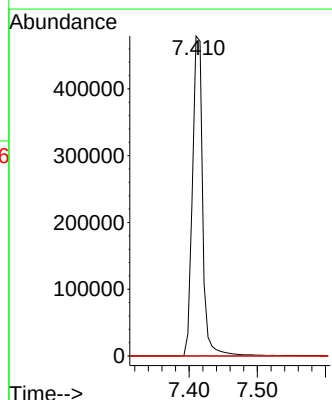
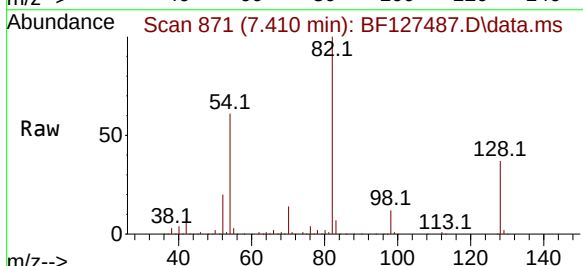
Tgt Ion: 82 Resp: 496264

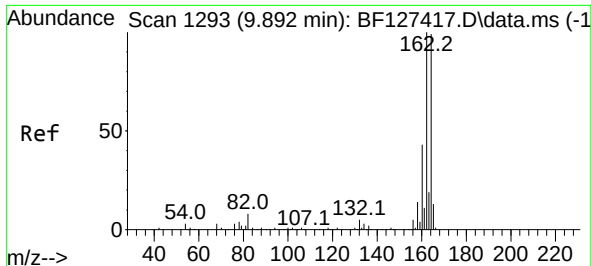
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127487.D

Acq: 23 Mar 2022 18:22

Instrument :

BNA_F

ClientSampleId :

WC-9-(10-10.5)

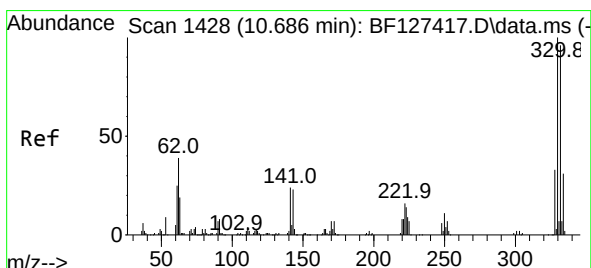
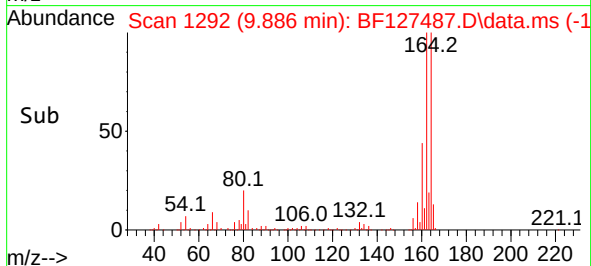
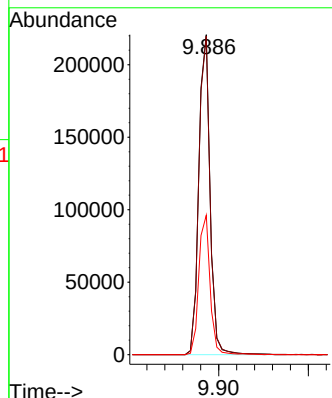
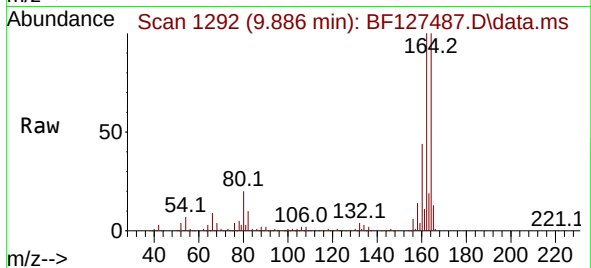
Tgt Ion:164 Resp: 191659

Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

160 43.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 88.810 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127487.D

Acq: 23 Mar 2022 18:22

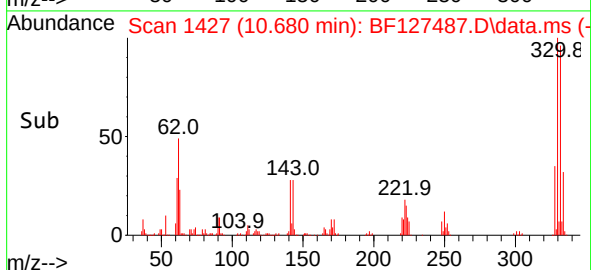
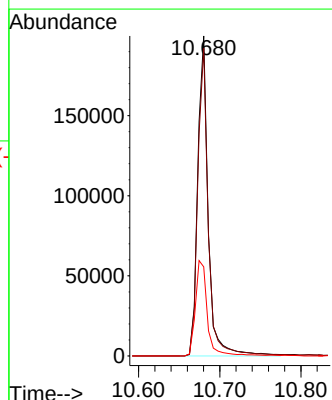
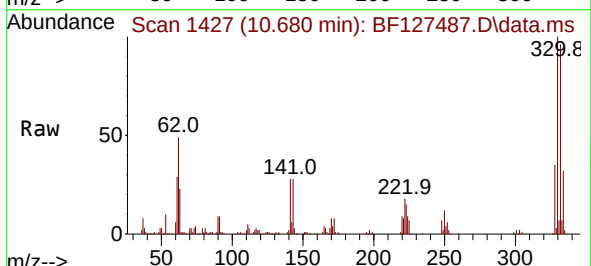
Tgt Ion:330 Resp: 181319

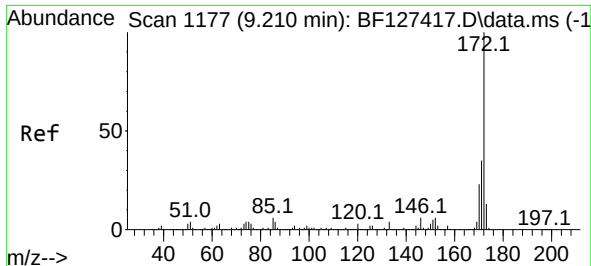
Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 34.0 26.2 39.4

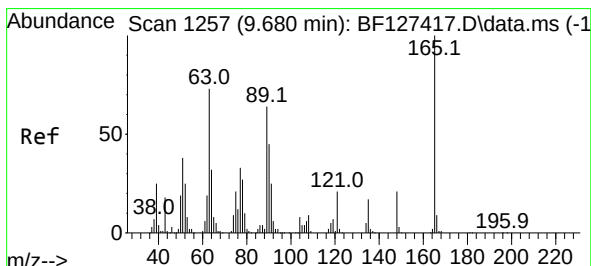
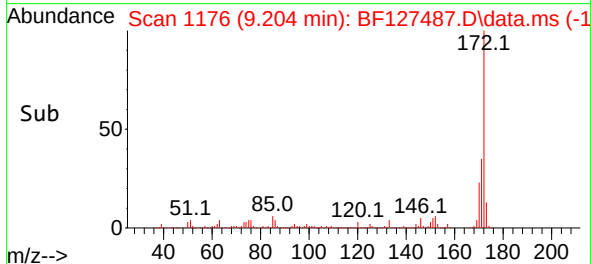
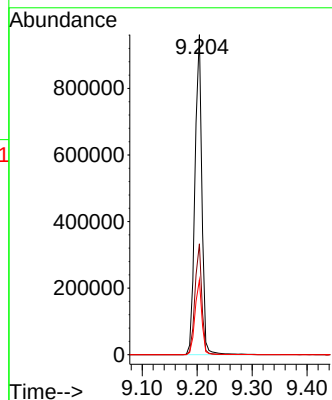
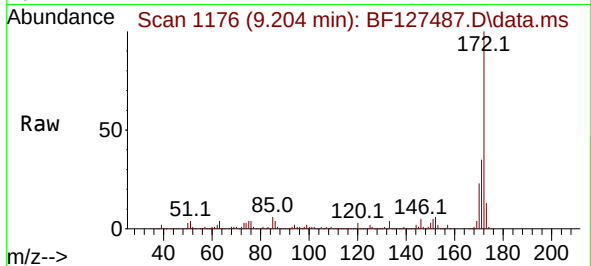




#45
2-Fluorobiphenyl
Concen: 63.707 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

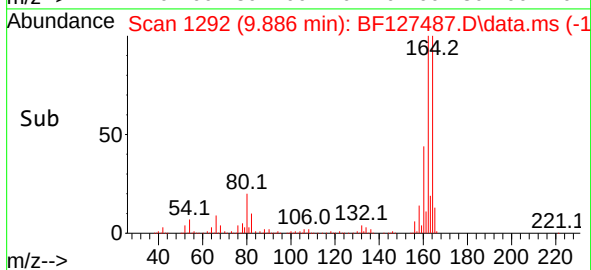
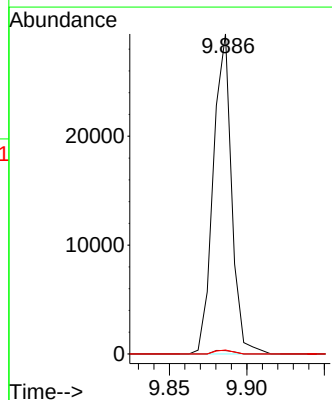
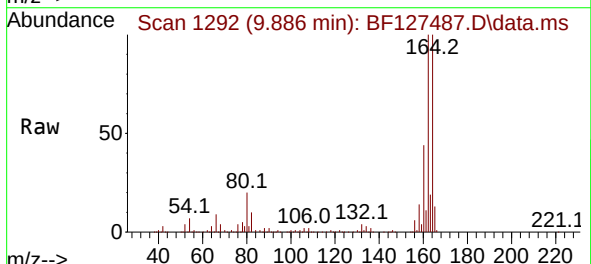
Instrument :
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WC-9-(10-10.5)

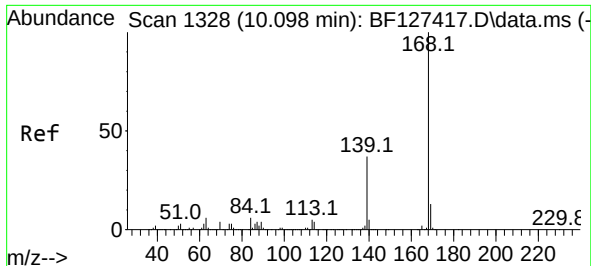
Tgt Ion:172 Resp: 836174
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.646 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Tgt Ion:165 Resp: 24200
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.3 51.5 77.3#

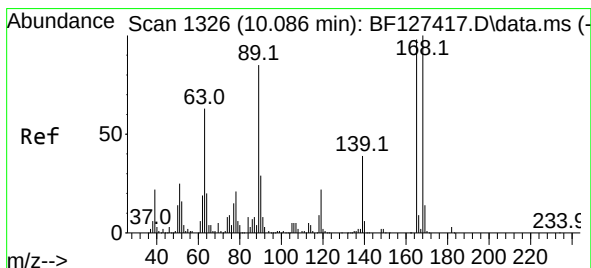
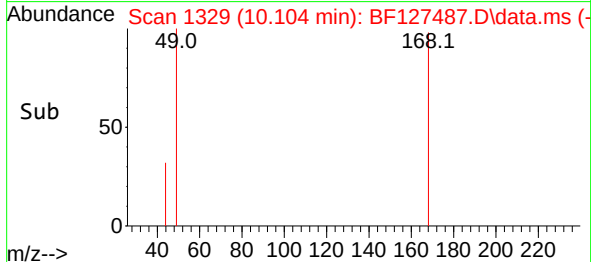
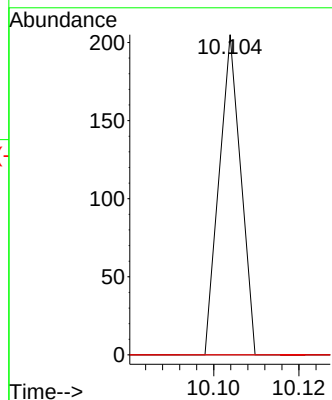
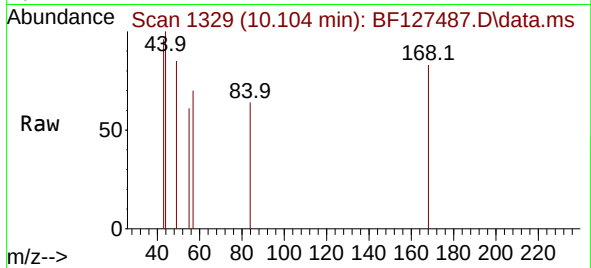




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

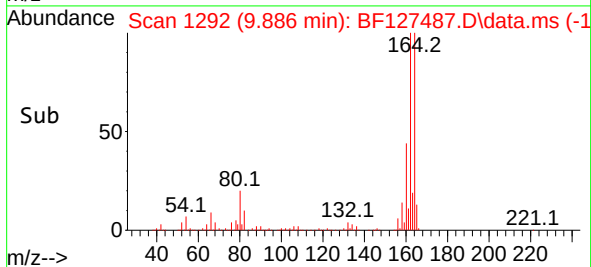
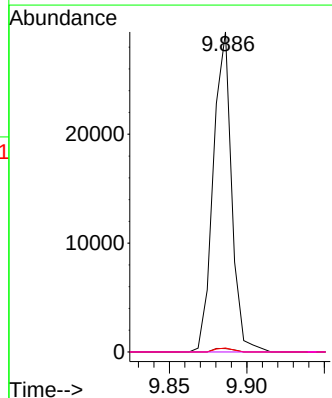
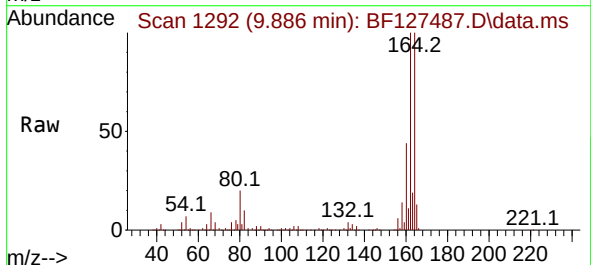
Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

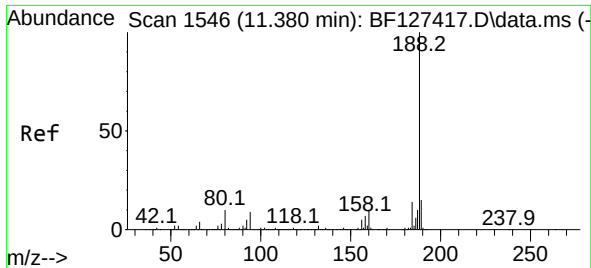
Tgt Ion:168 Resp: 72
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.717 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Tgt Ion:165 Resp: 24200
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#

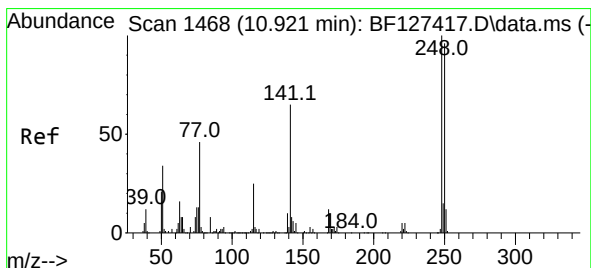
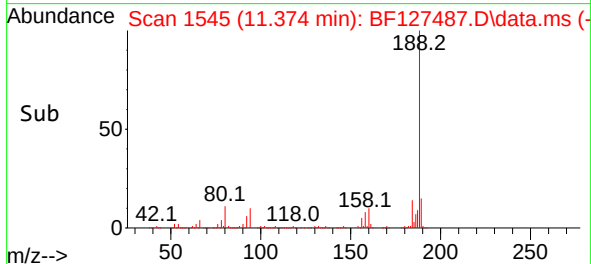
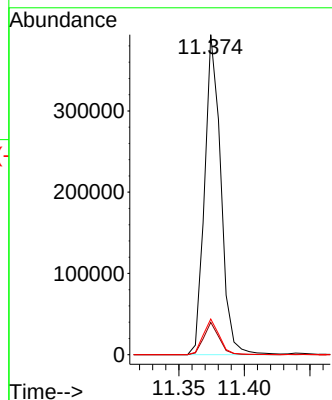
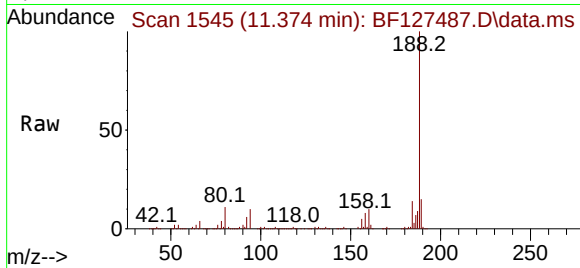




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

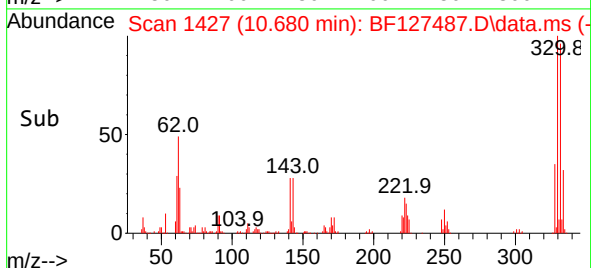
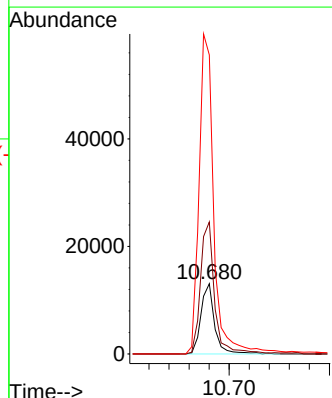
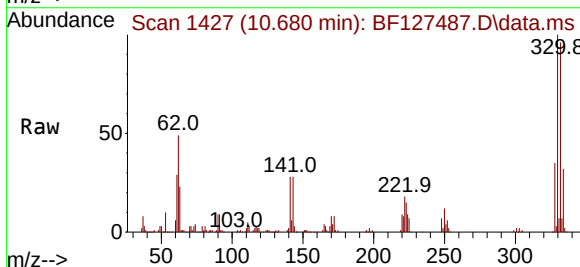
Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

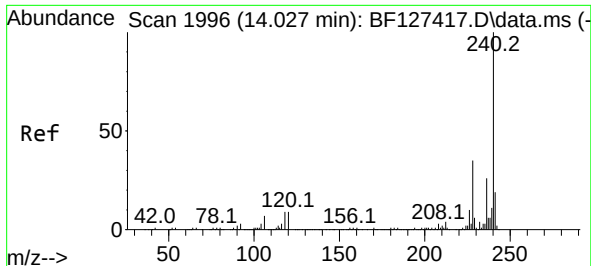
Tgt Ion:188 Resp: 339814
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.126 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

Tgt Ion:248 Resp: 12402
Ion Ratio Lower Upper
248 100
250 187.9 76.6 115.0#
141 425.5 52.2 78.2#

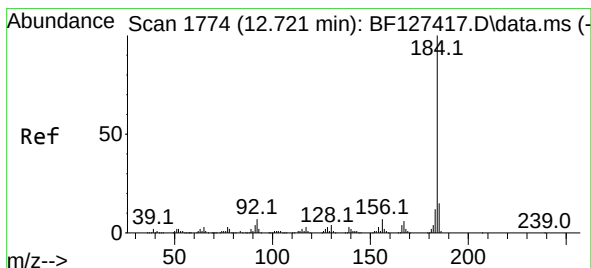
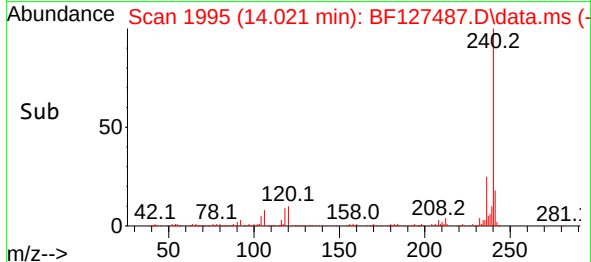
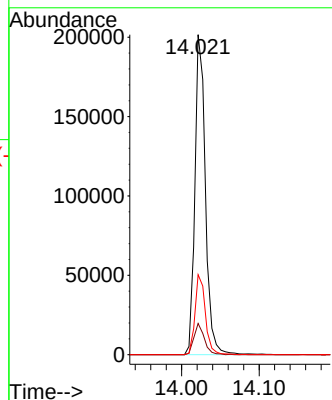
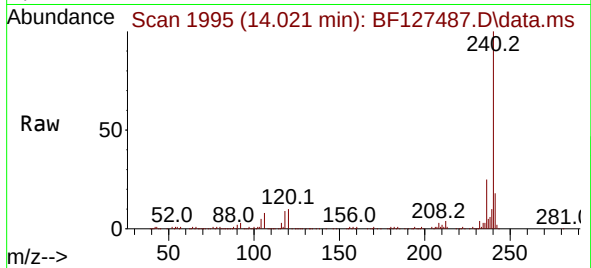




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

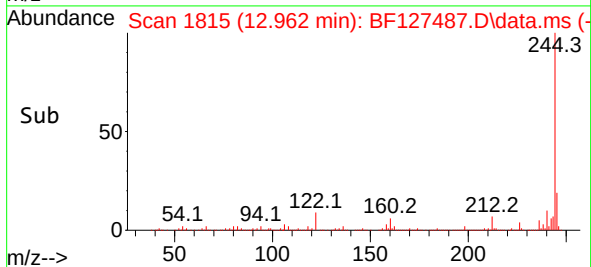
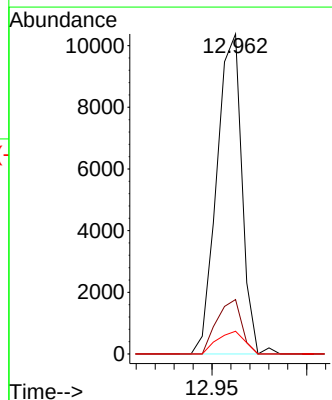
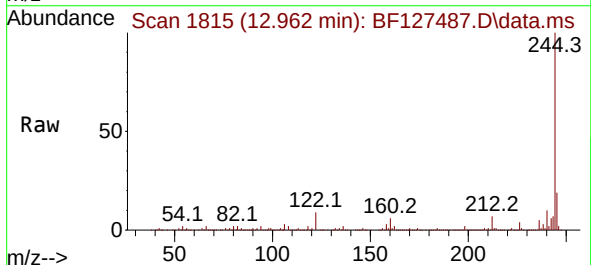
Instrument :
BNA_F
ClientSampleId :
WC-9-(10-10.5)

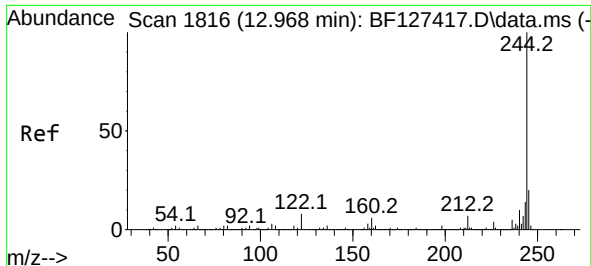
Tgt Ion:240 Resp: 190556
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.0 20.7 31.1



#77
Benidine
Concen: 2.111 ng
RT: 12.962 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127487.D
Acq: 23 Mar 2022 18:22

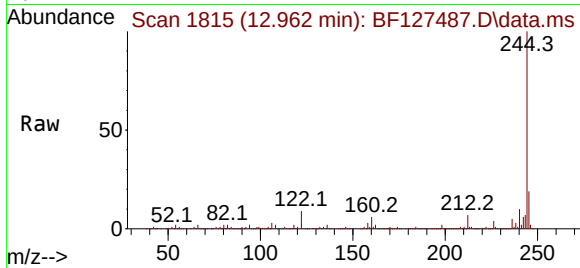
Tgt Ion:184 Resp: 9591
Ion Ratio Lower Upper
184 100
185 17.0 12.2 18.2
183 7.1 9.4 14.0#



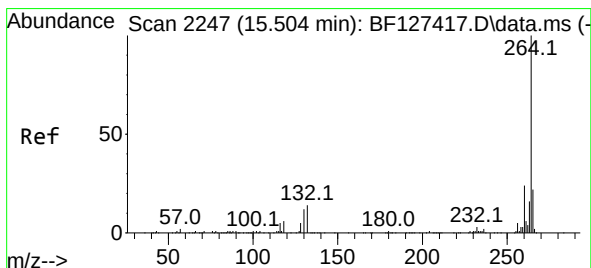
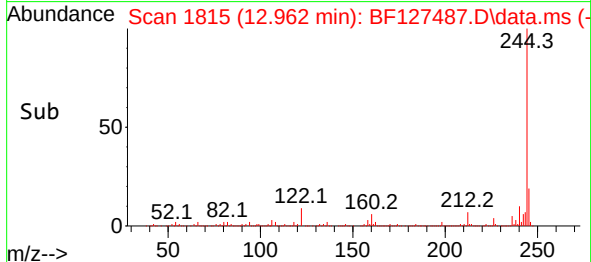
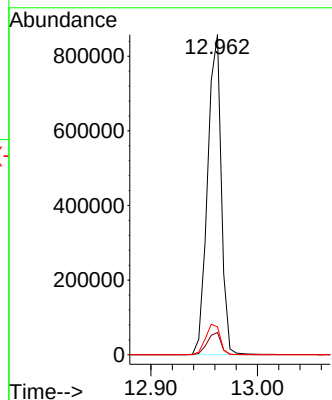


#79
 Terphenyl-d14
 Concen: 66.059 ng
 RT: 12.962 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127487.D
 Acq: 23 Mar 2022 18:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-(10-10.5)



Tgt Ion:244 Resp: 768960
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.7 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.503 min Scan# 2247
 Delta R.T. -0.000 min
 Lab File: BF127487.D
 Acq: 23 Mar 2022 18:22

Tgt Ion:264 Resp: 186101
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.1 17.4 26.2

