

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125905.D
 Acq On : 19 Oct 2021 17:55
 Operator : JU/CG
 Sample : M4274-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-DS

Quant Time: Oct 20 09:28:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

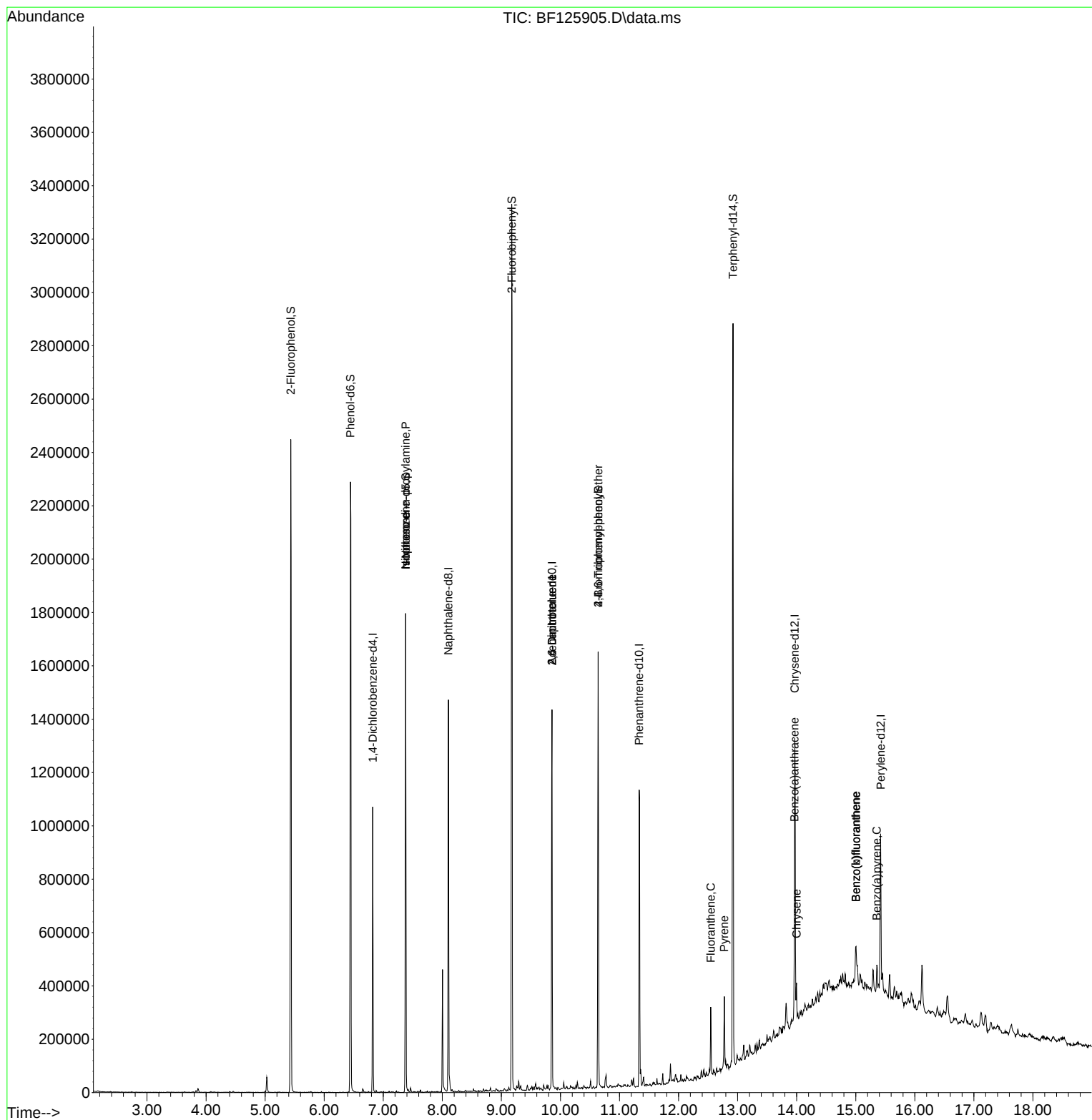
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149215	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	597948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	287645	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	425776	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	347687	20.000	ng	0.00
86) Perylene-d12	15.421	264	255855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	750402	82.155	ng	0.00
7) Phenol-d6	6.445	99	933206	79.365	ng	-0.01
23) Nitrobenzene-d5	7.381	82	527610	54.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	188150	66.251	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1031269	61.839	ng	0.00
79) Terphenyl-d14	12.921	244	910609	39.895	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	65621	10.572	ng	# 50
25) Isophorone	7.381	82	524833	30.796	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	37336	9.755	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	37336	7.715	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	10640	2.256	ng	# 1
75) Fluoranthene	12.545	202	93326	4.540	ng	97
78) Pyrene	12.774	202	101545	2.875	ng	97
81) Benzo(a)anthracene	13.963	228	59499	2.638	ng	95
83) Chrysene	13.998	228	58735	2.634	ng	95
88) Benzo(b)fluoranthene	15.004	252	90242	6.247	ng	# 85
89) Benzo(k)fluoranthene	15.004	252	90242	6.085	ng	# 85
90) Benzo(a)pyrene	15.357	252	45674	3.571	ng	# 89

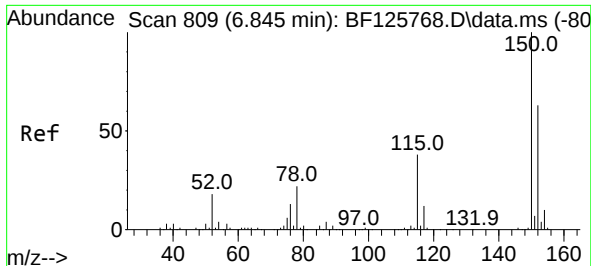
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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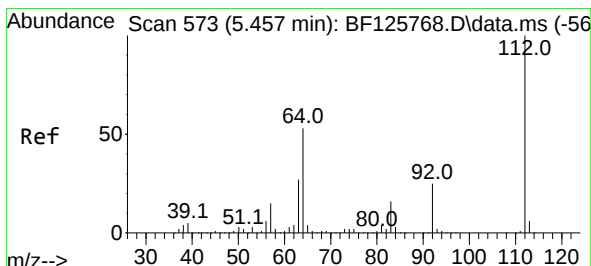
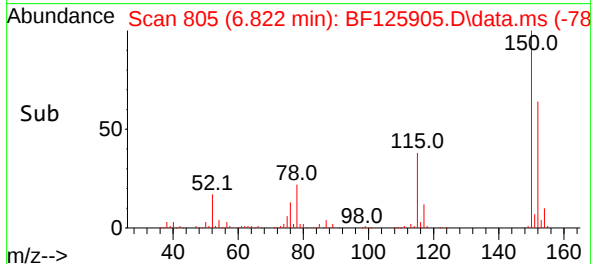
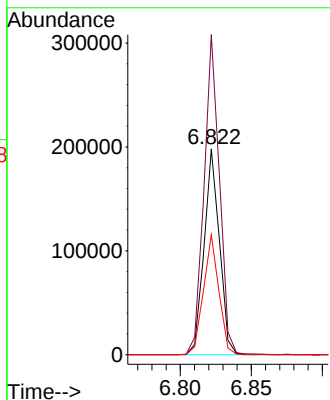
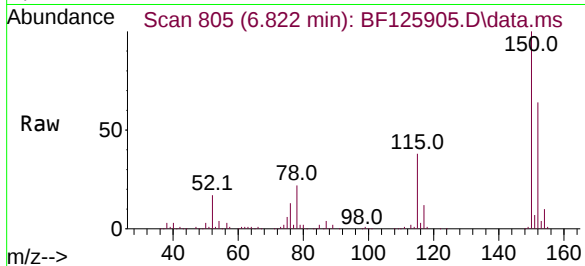




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

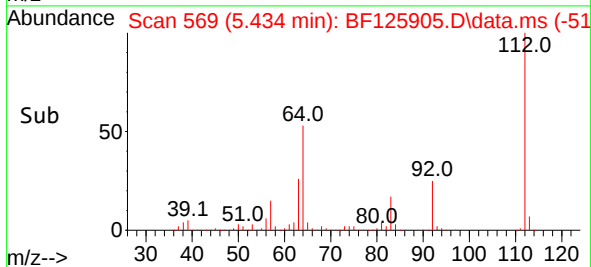
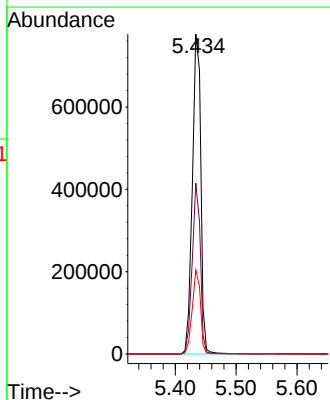
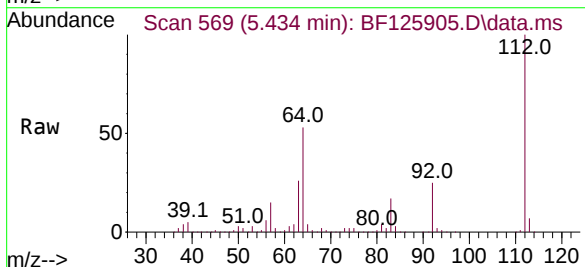
Instrument :
BNA_F
ClientSampleId :
WC-2-DS

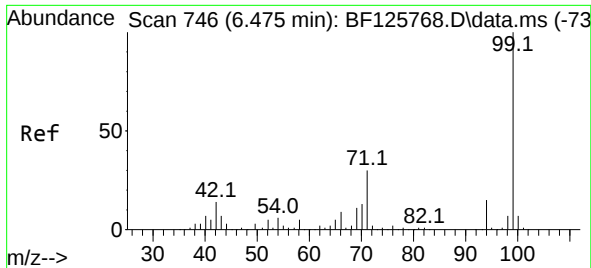
Tgt Ion:152 Resp: 149215
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 82.155 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:112 Resp: 750402
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 26.3 26.2 39.2

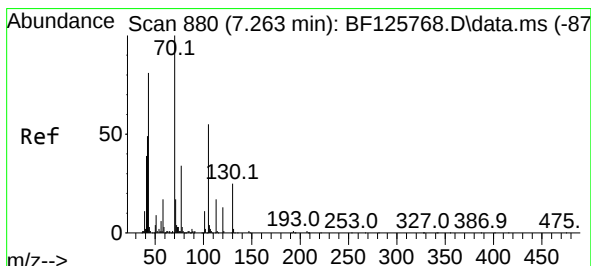
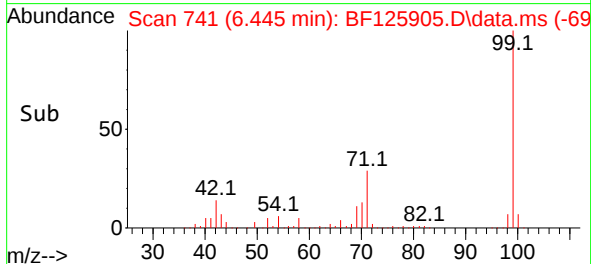
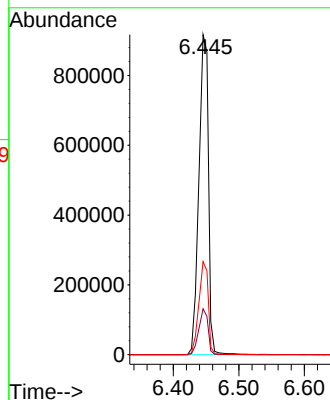
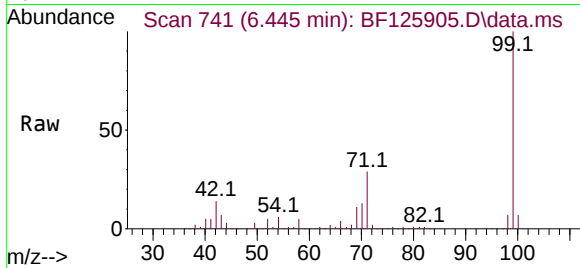




#7
Phenol-d6
Concen: 79.365 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

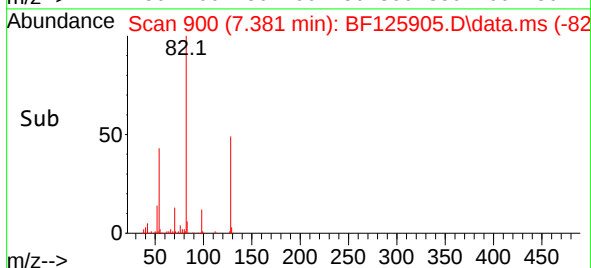
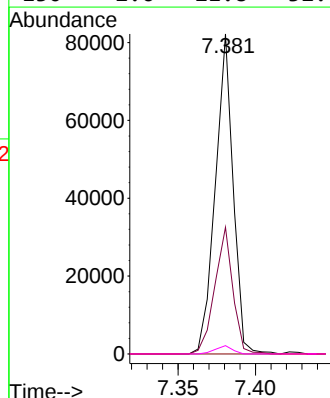
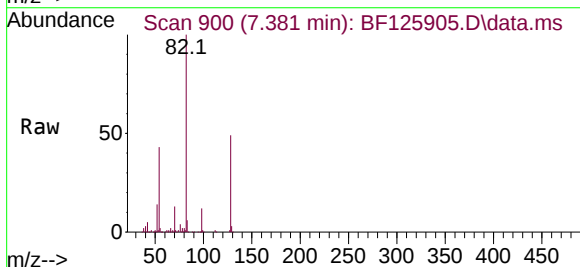
Instrument :
BNA_F
ClientSampleId :
WC-2-DS

Tgt Ion: 99 Resp: 933206
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.572 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion: 70 Resp: 65621
Ion Ratio Lower Upper
70 100
42 39.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

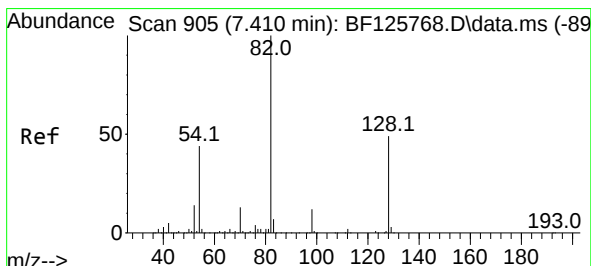
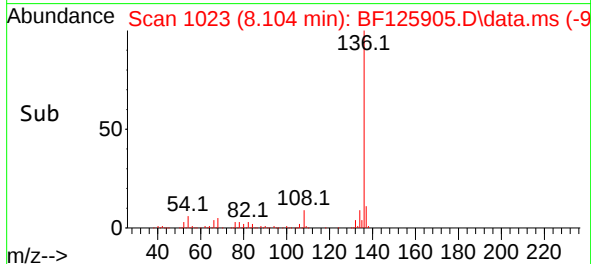
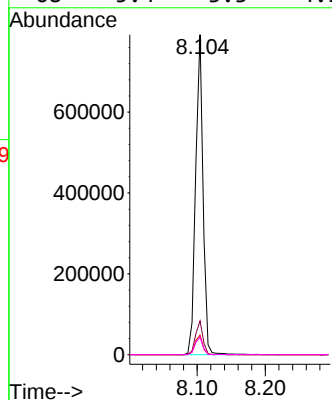
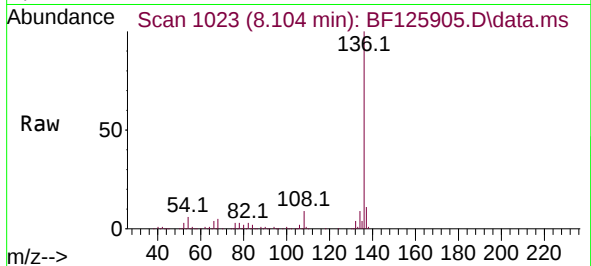




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

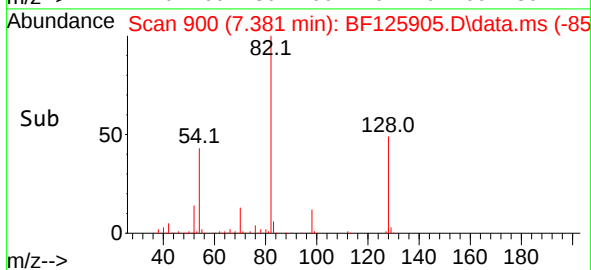
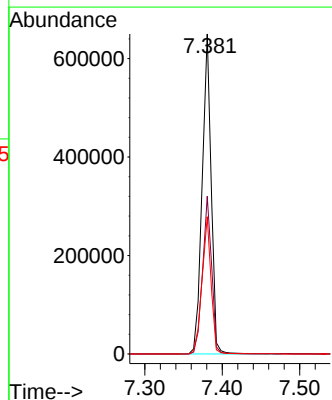
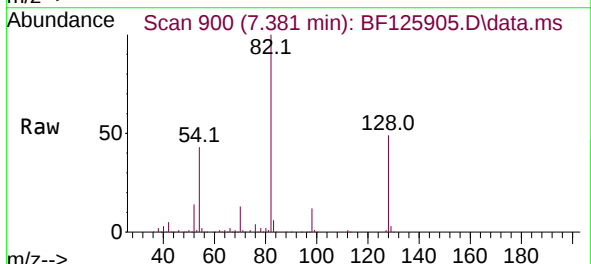
Instrument :
BNA_F
ClientSampleId :
WC-2-DS

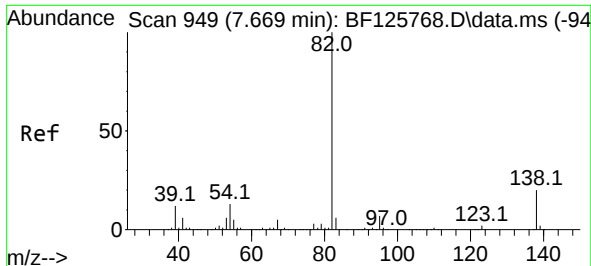
Tgt Ion:	136	Resp:	597948
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	6.1	6.4	9.6#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.848 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:	82	Resp:	527610
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.6	60.8
54	42.9	49.6	74.4#

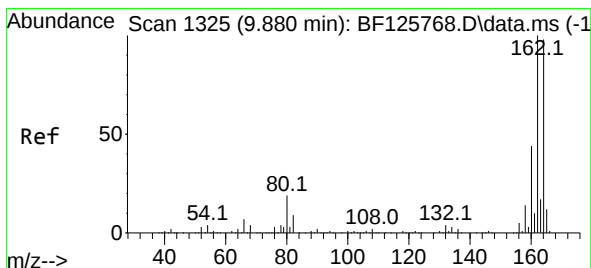
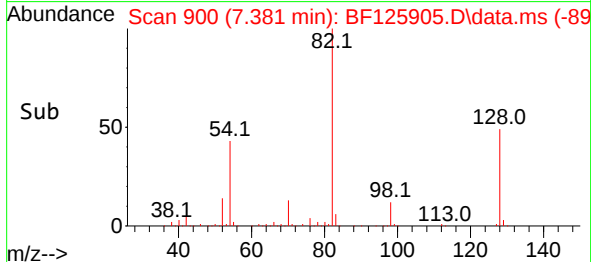
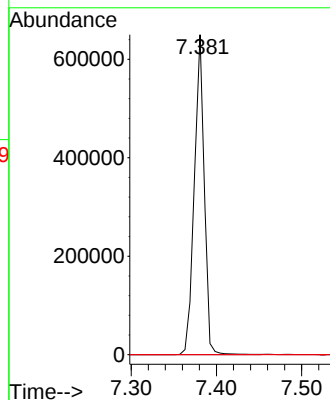
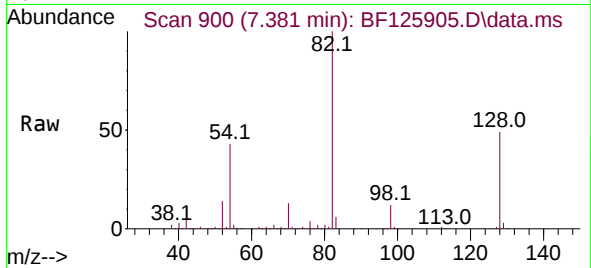




#25
Isophorone
Concen: 30.796 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

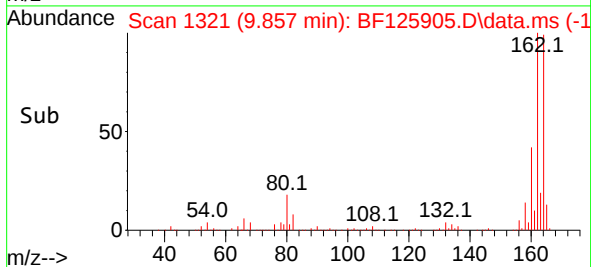
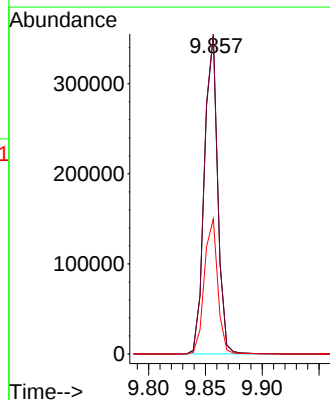
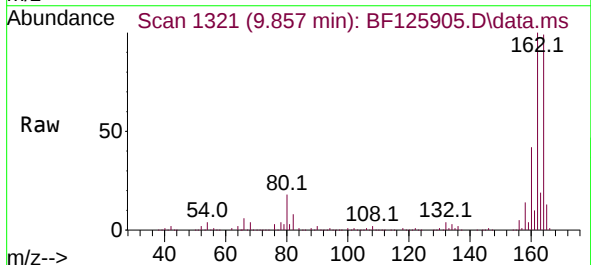
Instrument :
BNA_F
ClientSampleId :
WC-2-DS

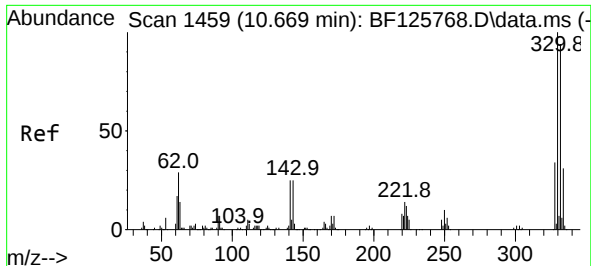
Tgt Ion: 82 Resp: 524833
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion: 164 Resp: 287645
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 42.5 38.0 57.0

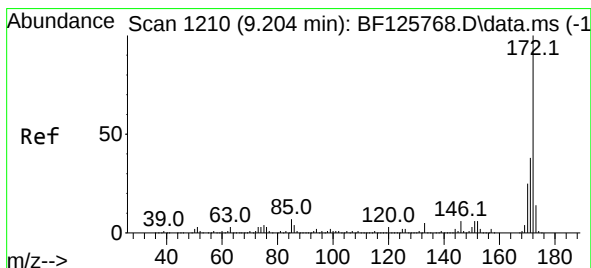
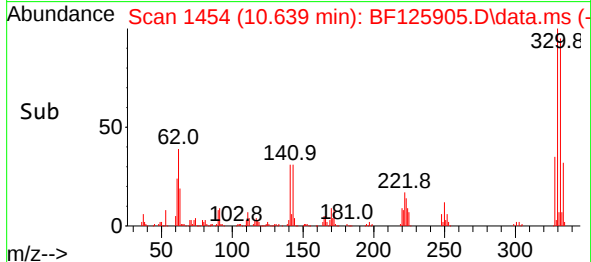
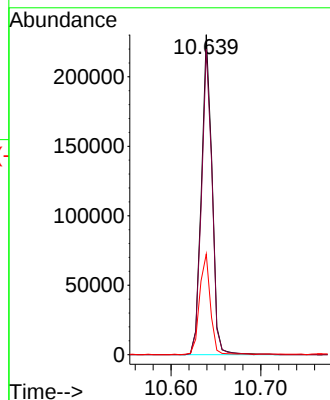
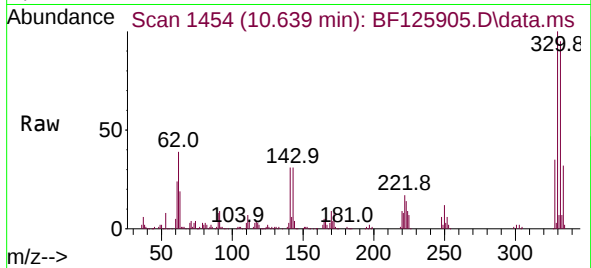




#42
2,4,6-Tribromophenol
Concen: 66.251 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

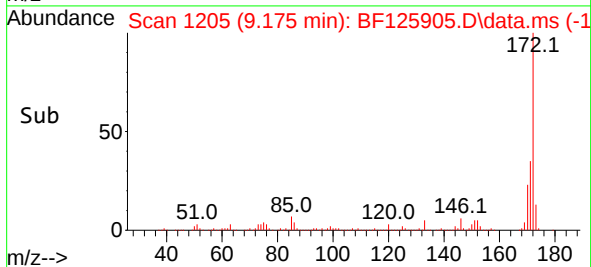
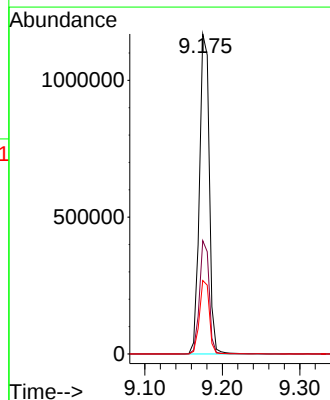
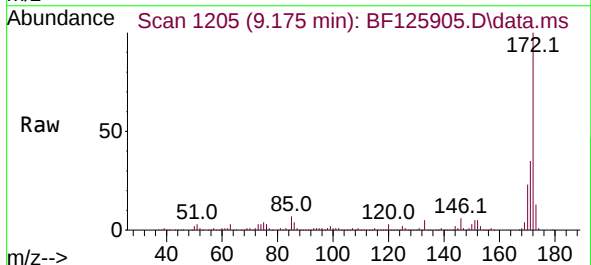
Instrument :
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ClientSampleId :
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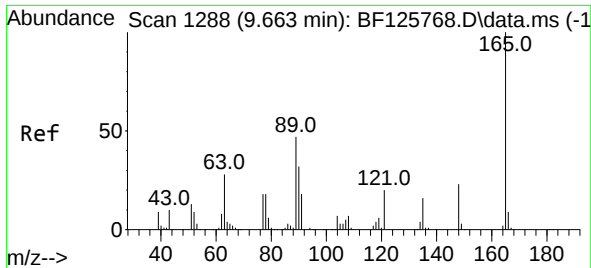
Tgt Ion: 330 Resp: 188150
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.839 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion: 172 Resp: 1031269
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 22.9 18.8 28.2

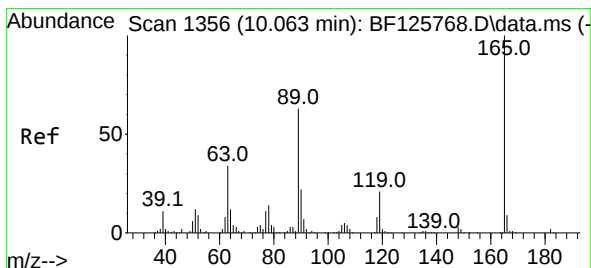
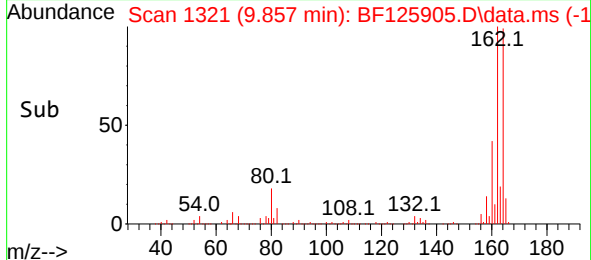
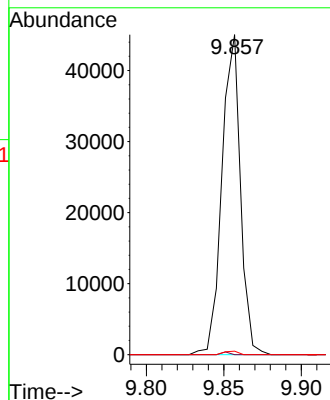
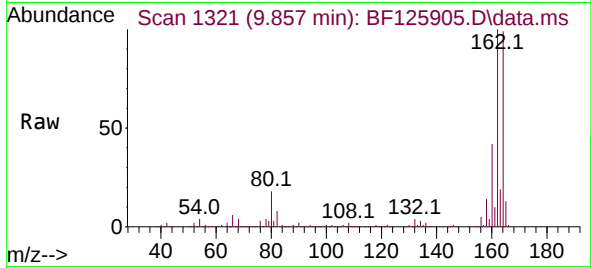




#51
2,6-Dinitrotoluene
Concen: 9.755 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

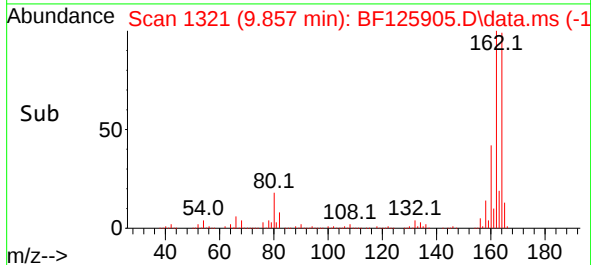
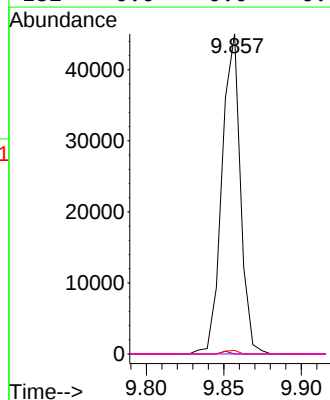
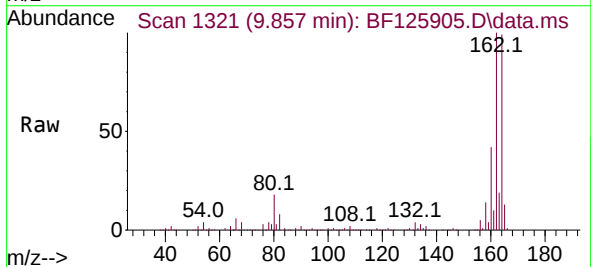
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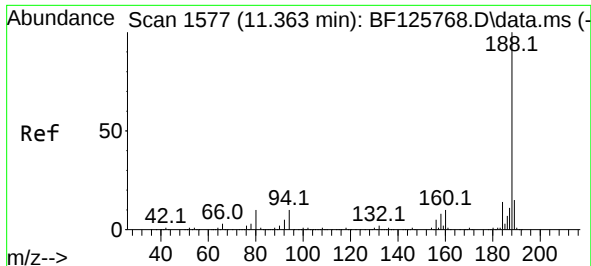
Tgt Ion:165 Resp: 37336
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.715 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:165 Resp: 37336
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

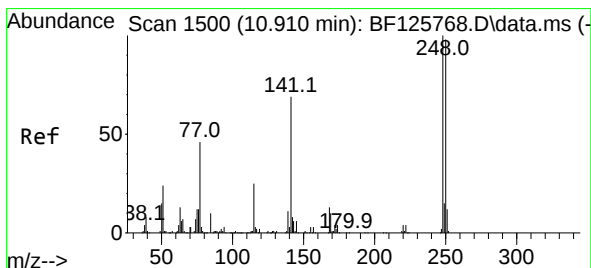
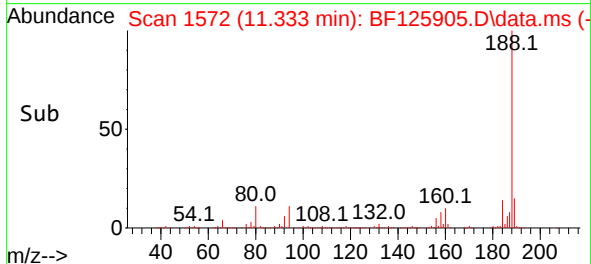
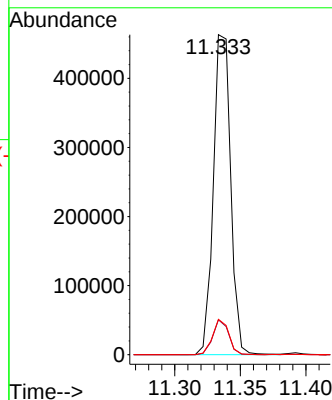
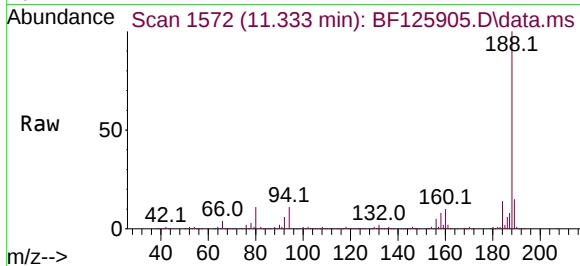




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

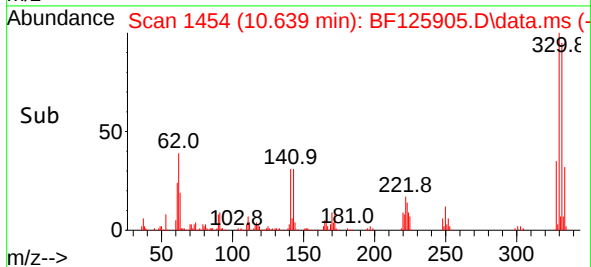
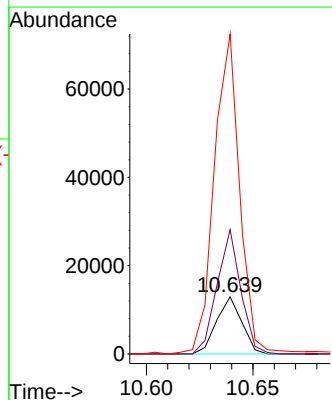
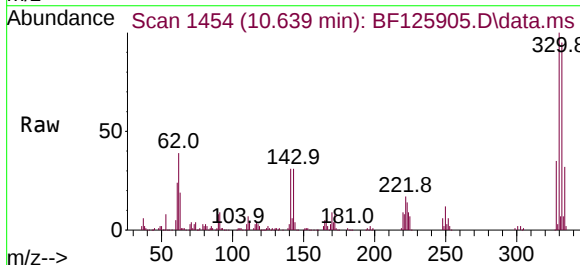
Instrument :
BNA_F
ClientSampleId :
WC-2-DS

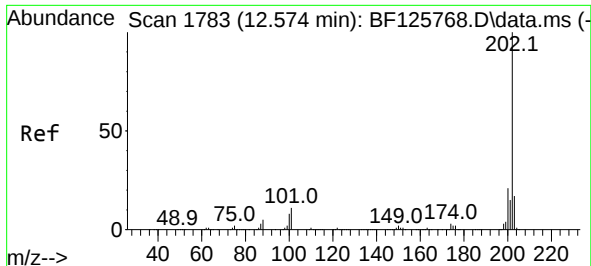
Tgt Ion:188 Resp: 425776
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.256 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

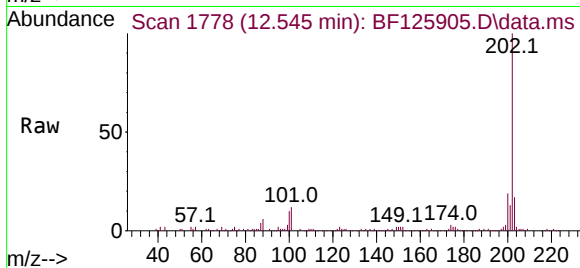
Tgt Ion:248 Resp: 10640
Ion Ratio Lower Upper
248 100
250 217.7 74.2 111.4#
141 560.7 60.4 90.6#



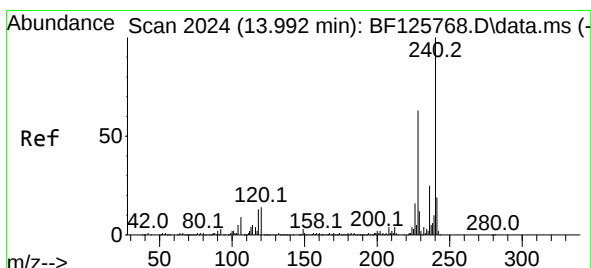
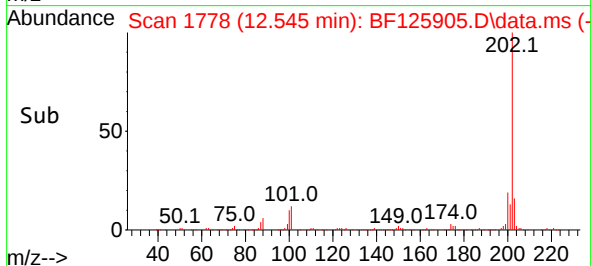
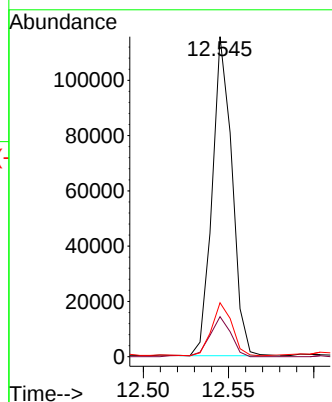


#75
Fluoranthene
Concen: 4.540 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Instrument :
BNA_F
ClientSampleId :
WC-2-DS

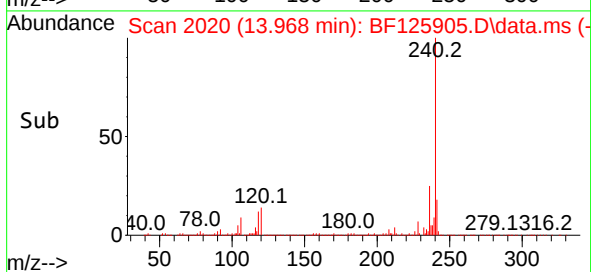
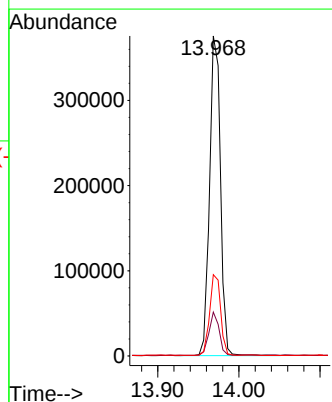
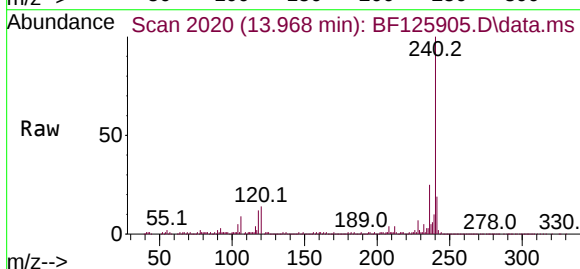


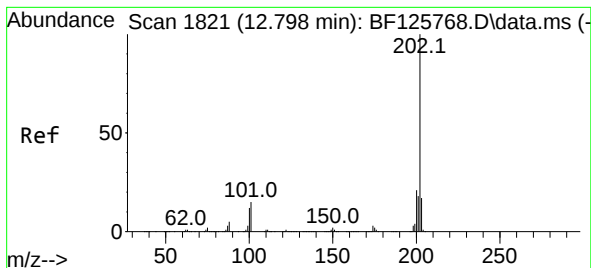
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.7
203	16.8	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.8	16.2
236	25.4	21.6	32.4





#78

Pyrene

Concen: 2.875 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

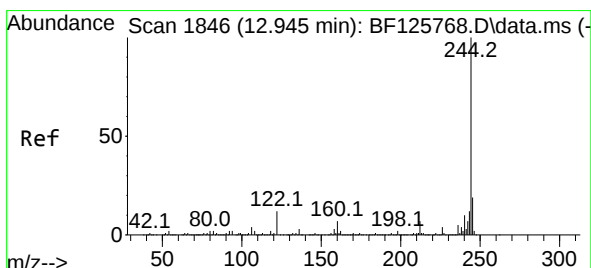
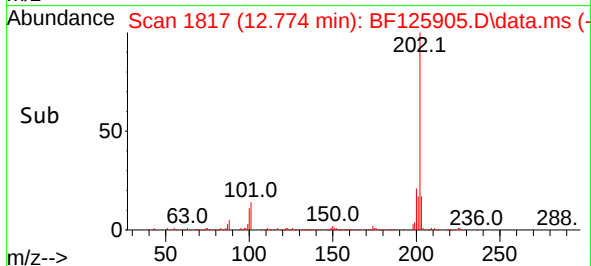
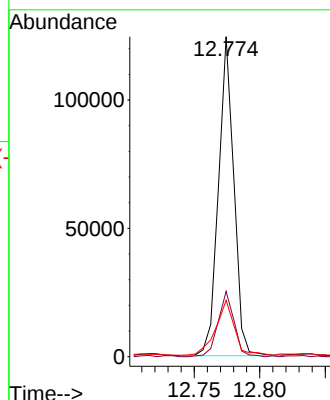
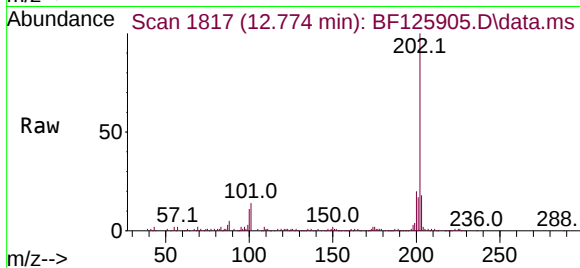
Tgt Ion:	202	Resp:	101545
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.3	22.9
203	17.6	13.4	20.0

Instrument :

BNA_F

ClientSampleId :

WC-2-DS



#79

Terphenyl-d14

Concen: 39.895 ng

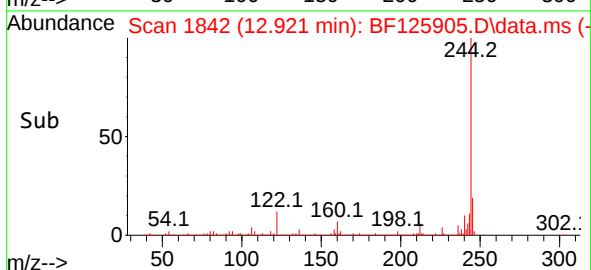
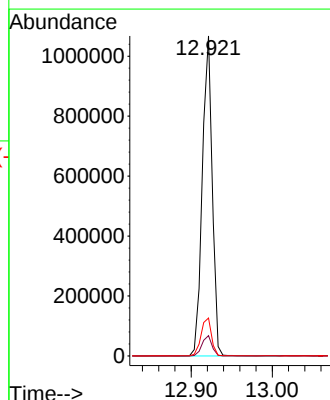
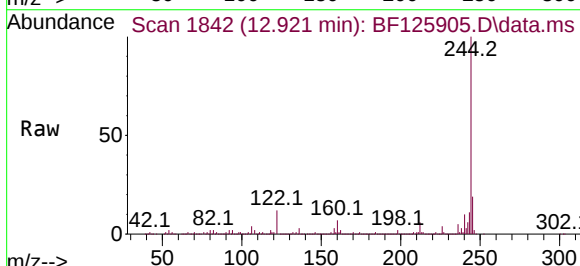
RT: 12.921 min Scan# 1842

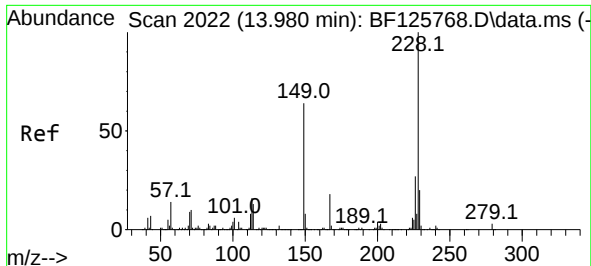
Delta R.T. 0.000 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

Tgt Ion:	244	Resp:	910609
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.9	8.9
122	11.8	9.0	13.4

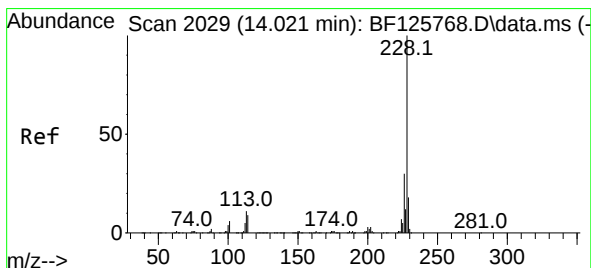
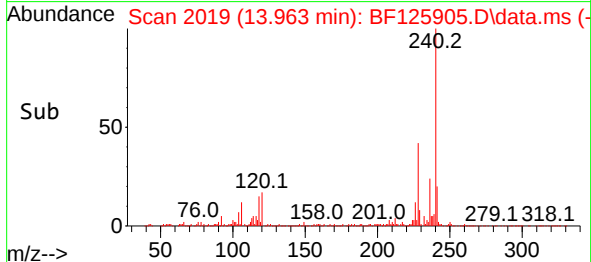
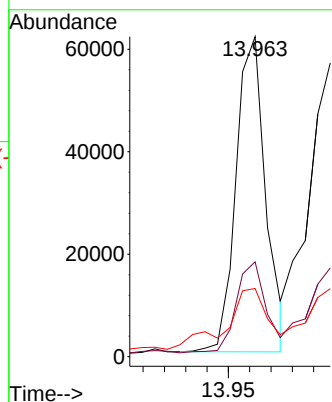
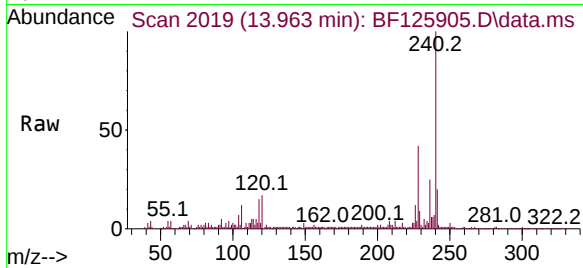




#81
Benzo(a)anthracene
Concen: 2.638 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

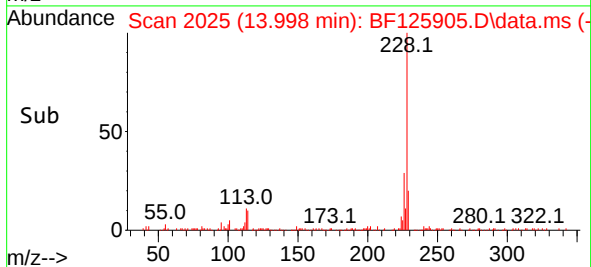
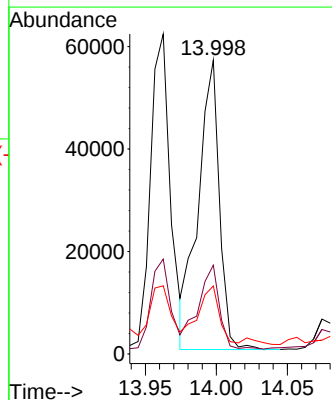
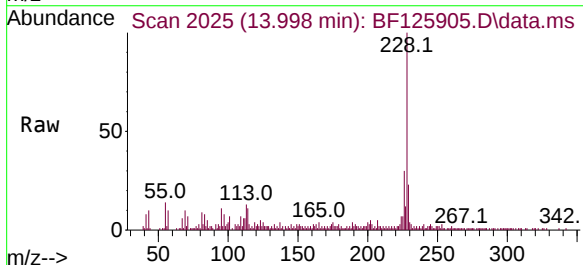
Instrument :
BNA_F
ClientSampled :
WC-2-DS

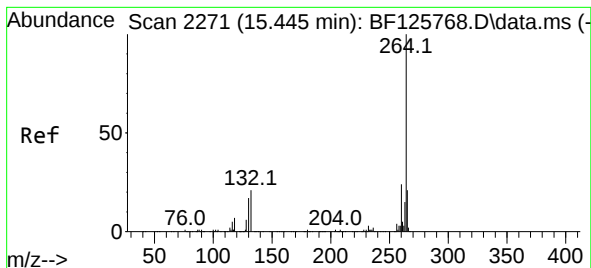
Tgt Ion:228 Resp: 59499
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 21.3 15.6 23.4



#83
Chrysene
Concen: 2.634 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:228 Resp: 58735
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 23.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

Tgt Ion:264 Resp: 255855

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

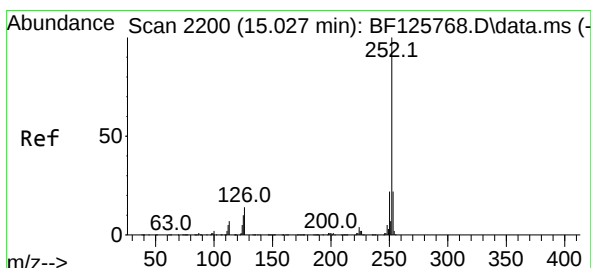
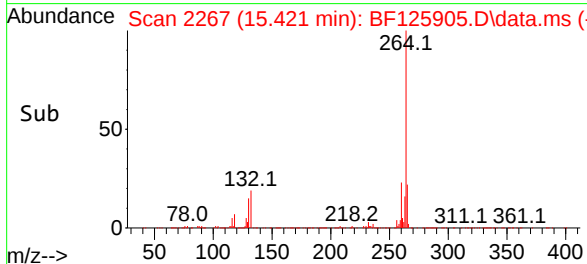
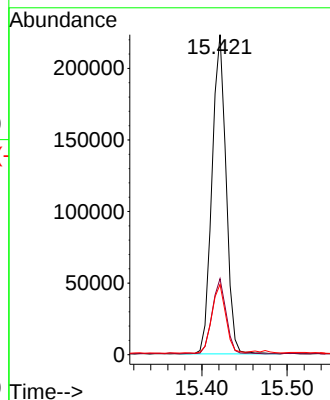
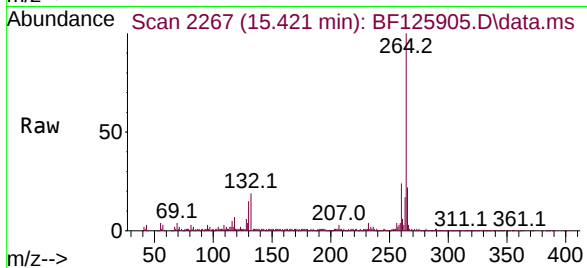
265 21.9 17.2 25.8

Instrument :

BNA_F

ClientSampleId :

WC-2-DS



#88

Benzo(b)fluoranthene

Concen: 6.247 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF125905.D

Acq: 19 Oct 2021 17:55

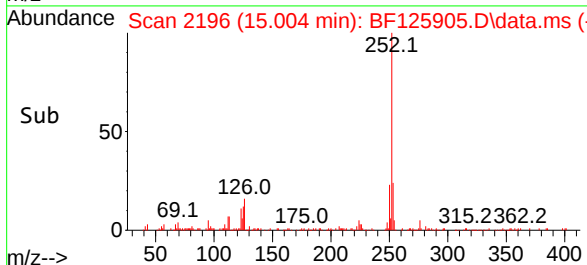
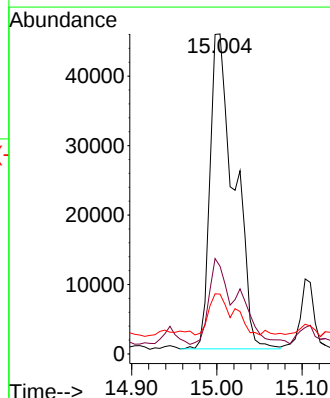
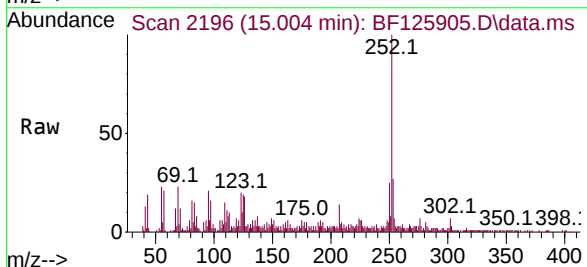
Tgt Ion:252 Resp: 90242

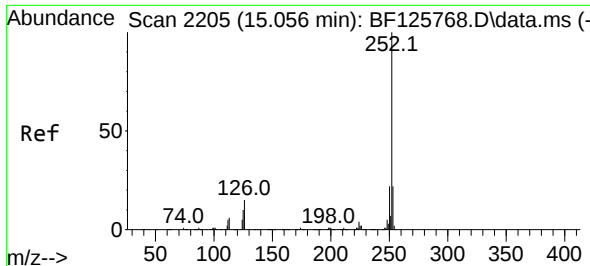
Ion Ratio Lower Upper

252 100

253 27.4 16.8 25.2#

125 18.7 9.8 14.8#

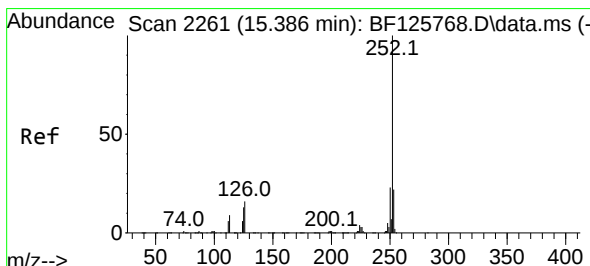
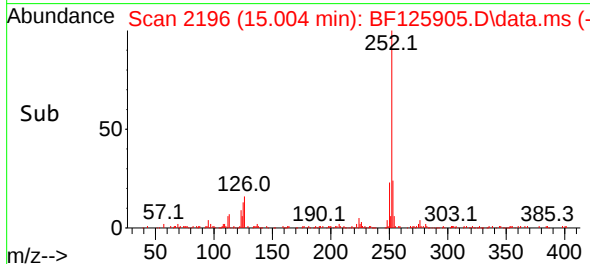
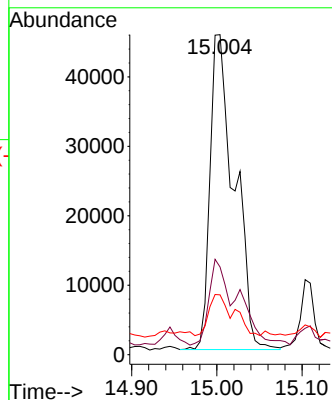
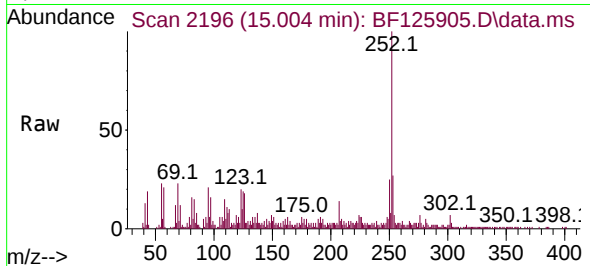




#89
Benzo(k)fluoranthene
Concen: 6.085 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.024 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Instrument :
BNA_F
ClientSampleId :
WC-2-DS

Tgt Ion:252 Resp: 90242
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 18.7 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 3.571 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125905.D
Acq: 19 Oct 2021 17:55

Tgt Ion:252 Resp: 45674
Ion Ratio Lower Upper
252 100
253 26.6 18.4 27.6
125 19.3 9.9 14.9#

