

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127817.D
 Acq On : 15 Apr 2022 21:47
 Operator : CG\JU
 Sample : N2424-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041422

Quant Time: Apr 18 01:28:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

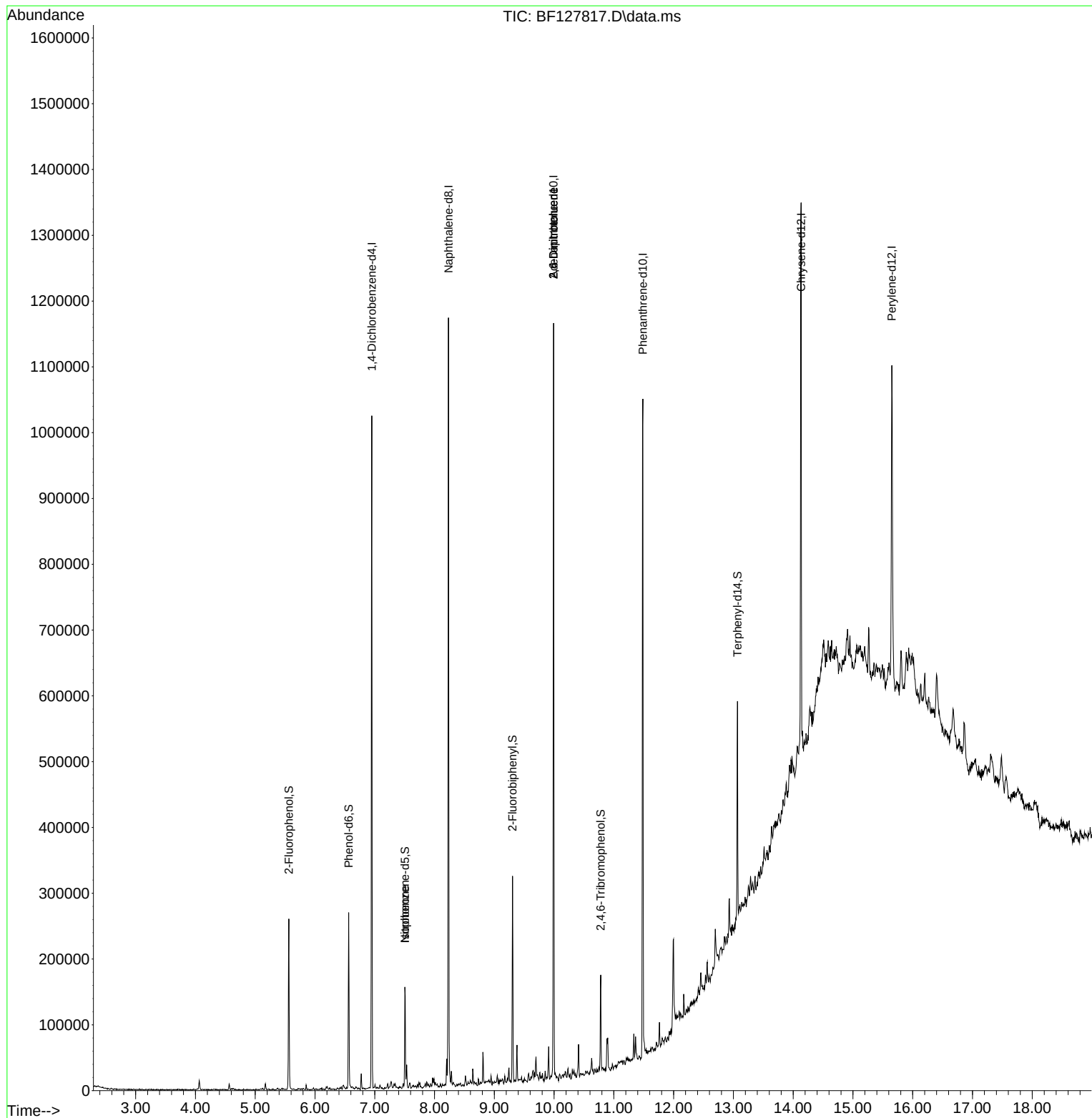
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	137755	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	434825	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	207327	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	379686	20.000	ng	0.00
76) Chrysene-d12	14.133	240	314717	20.000	ng	-0.01
86) Perylene-d12	15.651	264	235940	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	63221	7.457	ng	-0.02
7) Phenol-d6	6.563	99	75278	6.788	ng	-0.02
23) Nitrobenzene-d5	7.504	82	48587	4.981	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	15876	7.196	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	85637	5.843	ng	-0.02
79) Terphenyl-d14	13.068	244	106595	5.591	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	65	Below Cal	#	1
25) Isophorone	7.504	82	47501	2.791	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	27159	9.588	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	27159	7.733	ng	# 14

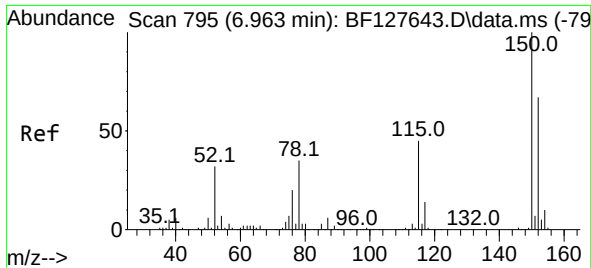
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127817.D
Acq On : 15 Apr 2022 21:47
Operator : CG\JU
Sample : N2424-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-041422

Quant Time: Apr 18 01:28:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration

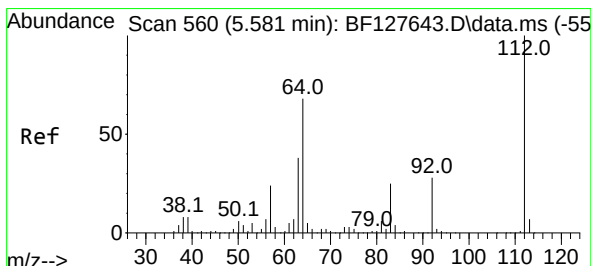
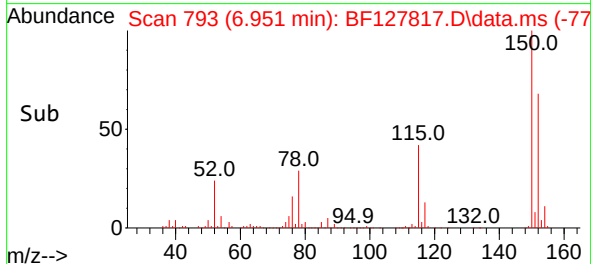
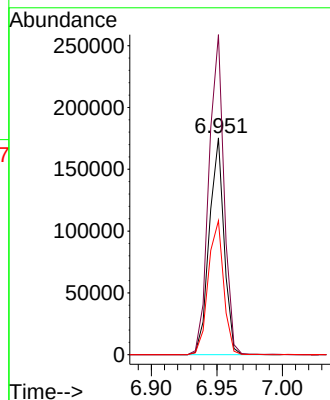
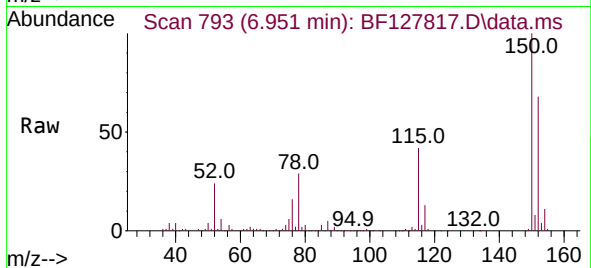




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

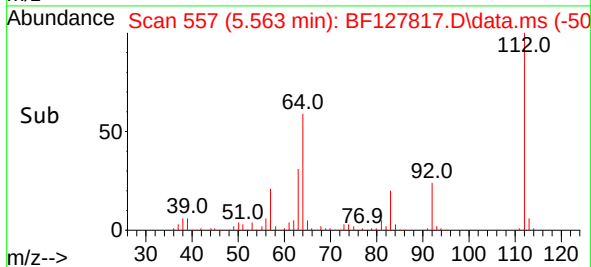
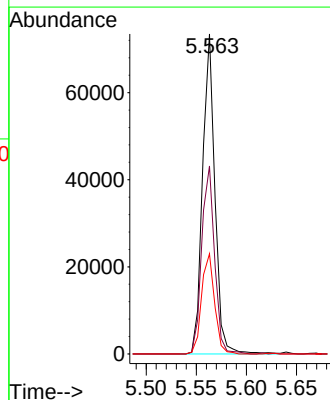
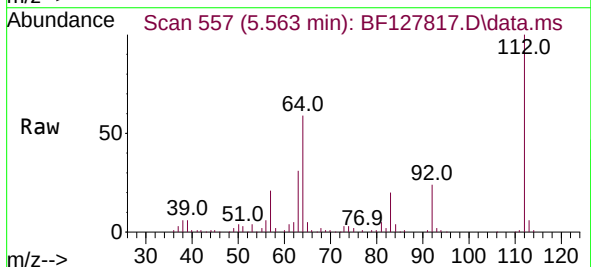
Instrument :
BNA_F
ClientSampleId :
OR-02-041422

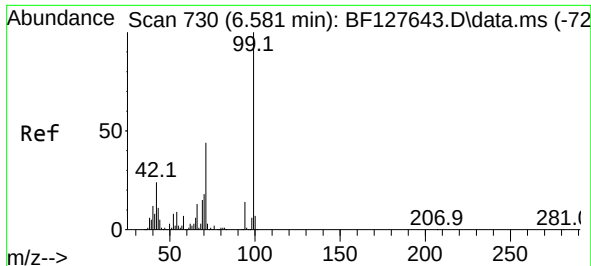
Tgt Ion:152 Resp: 137755
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 61.8 49.8 74.6



#5
2-Fluorophenol
Concen: 7.457 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.018 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

Tgt Ion:112 Resp: 63221
Ion Ratio Lower Upper
112 100
64 58.7 58.4 87.6
63 31.3 30.1 45.1





#7

Phenol-d6

Concen: 6.788 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

Instrument :

BNA_F

ClientSampleId :

OR-02-041422

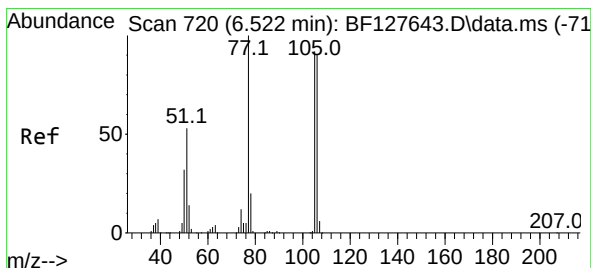
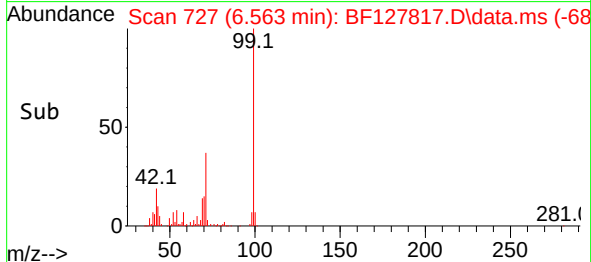
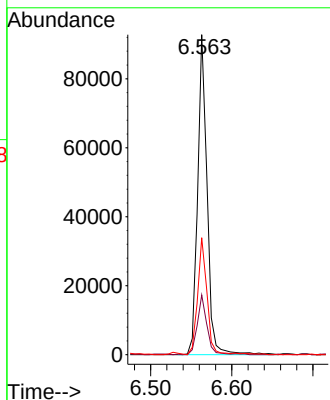
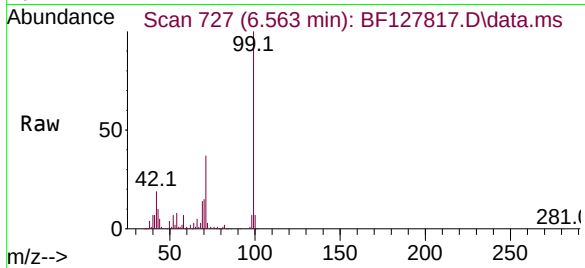
Tgt Ion: 99 Resp: 75278

Ion Ratio Lower Upper

99 100

42 18.6 17.8 26.6

71 36.6 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 718

Delta R.T. -0.006 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

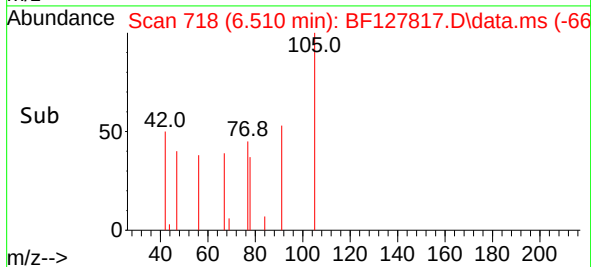
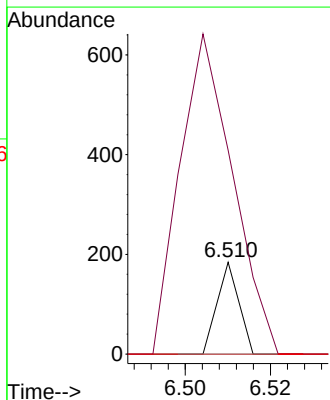
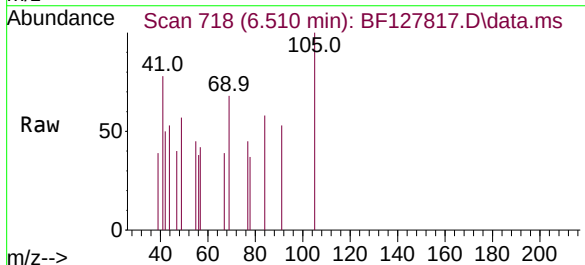
Tgt Ion: 77 Resp: 65

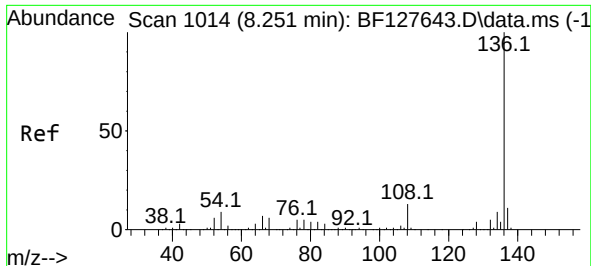
Ion Ratio Lower Upper

77 100

105 222.3 66.8 106.8#

106 0.0 64.3 104.3#

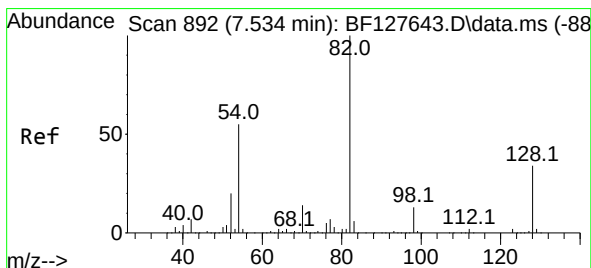
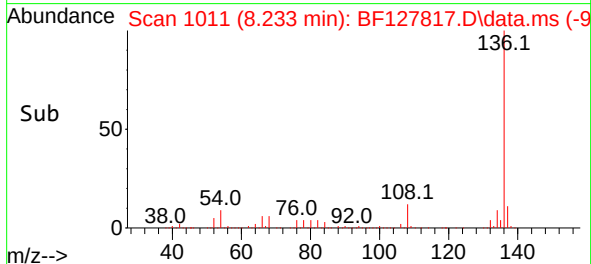
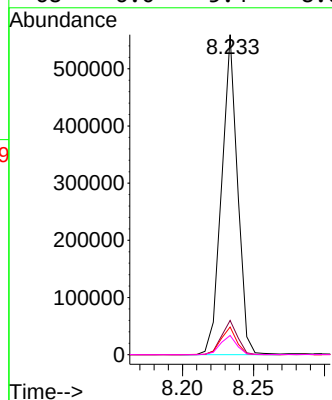
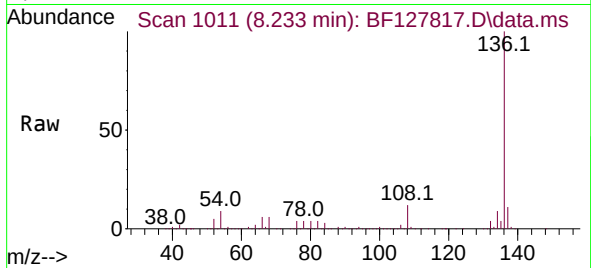




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

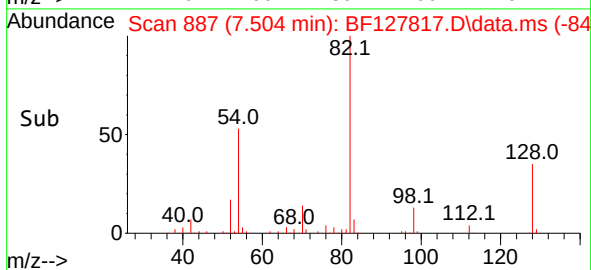
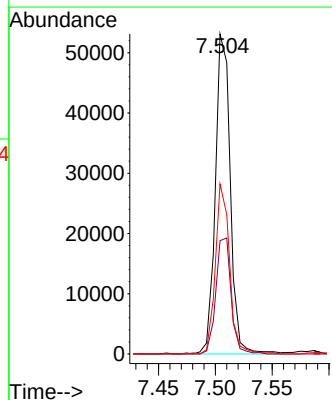
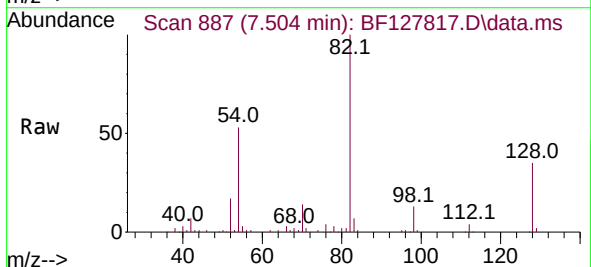
Instrument :
BNA_F
ClientSampleId :
OR-02-041422

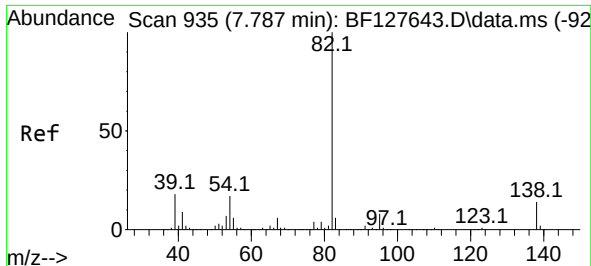
Tgt Ion:136 Resp: 434825
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 9.2 13.8#
68 6.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 4.981 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.024 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

Tgt Ion: 82 Resp: 48587
Ion Ratio Lower Upper
82 100
128 35.4 30.6 45.8
54 53.2 48.2 72.2

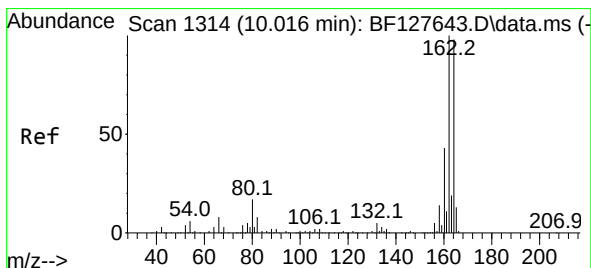
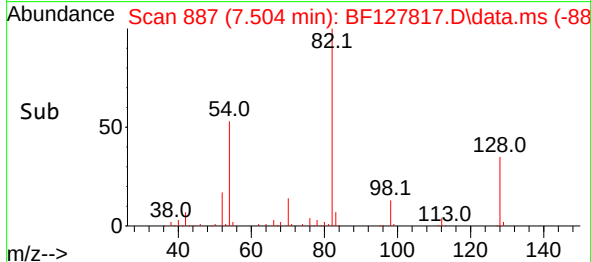
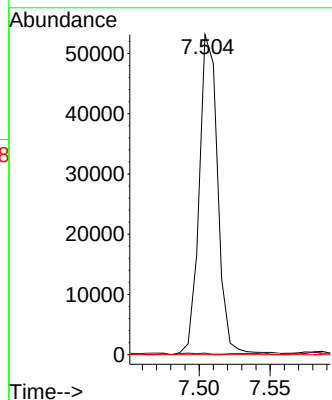
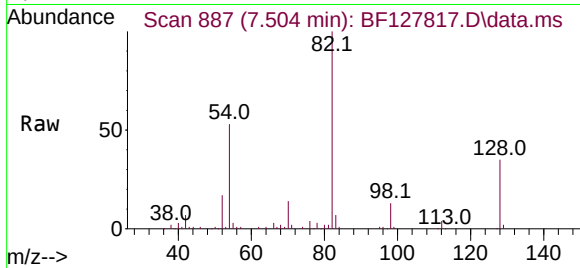




#25
Isophorone
Concen: 2.791 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.283 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

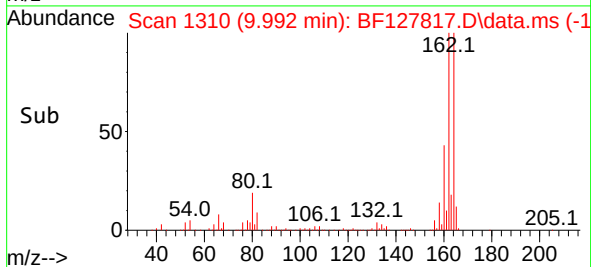
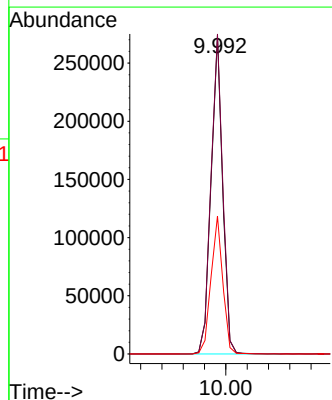
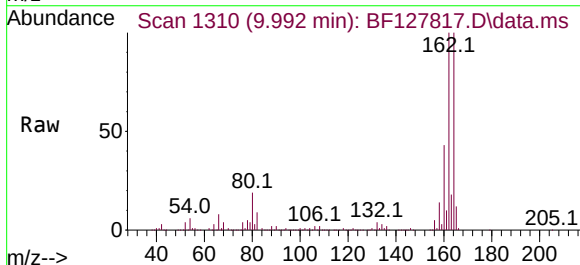
Instrument :
BNA_F
ClientSampleId :
OR-02-041422

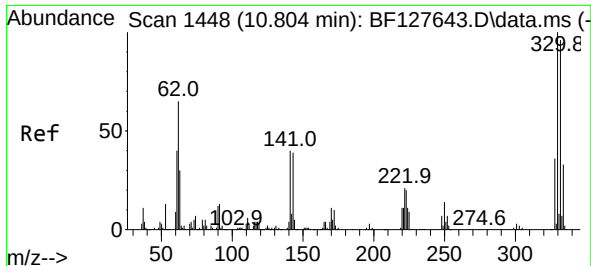
Tgt Ion: 82 Resp: 47501
Ion Ratio Lower Upper
82 100
95 0.5 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

Tgt Ion:164 Resp: 207327
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 7.196 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.018 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

Instrument :

BNA_F

ClientSampleId :

OR-02-041422

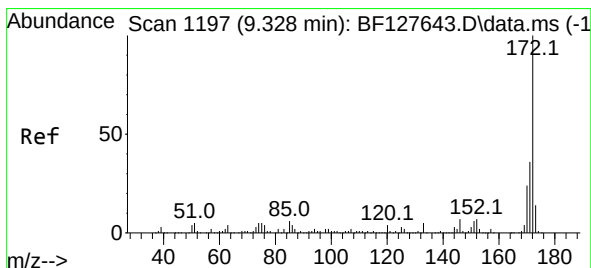
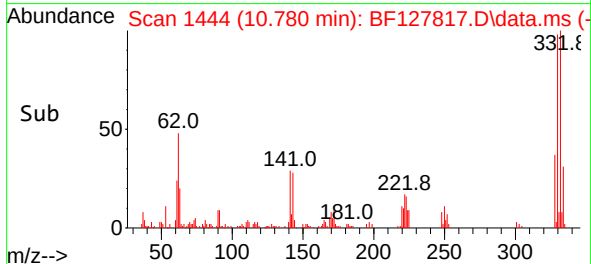
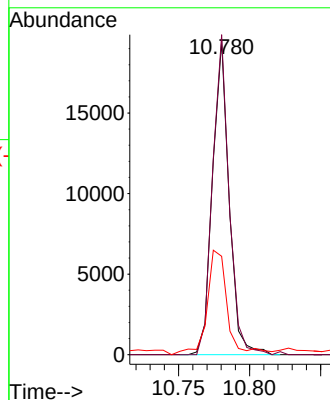
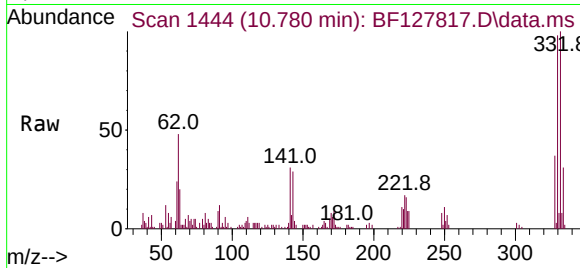
Tgt Ion:330 Resp: 15876

Ion Ratio Lower Upper

330 100

332 101.3 79.1 118.7

141 40.4 26.2 39.4#



#45

2-Fluorobiphenyl

Concen: 5.843 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

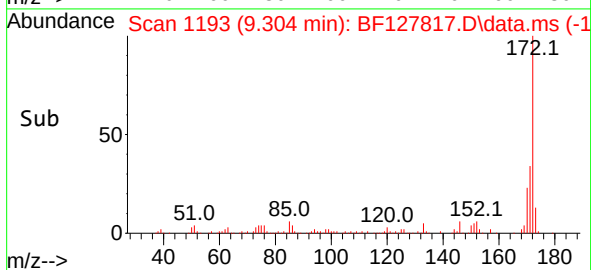
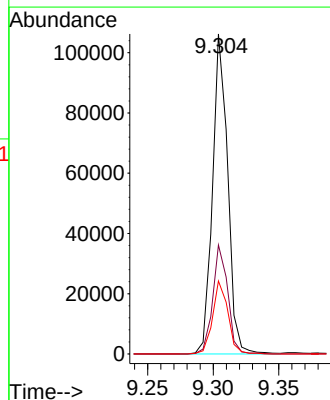
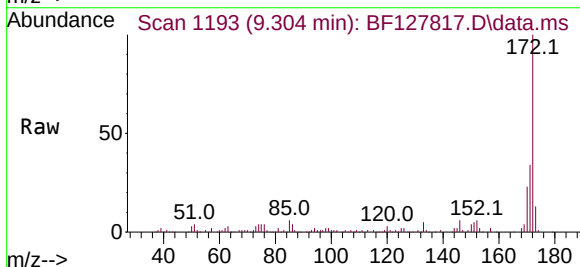
Tgt Ion:172 Resp: 85637

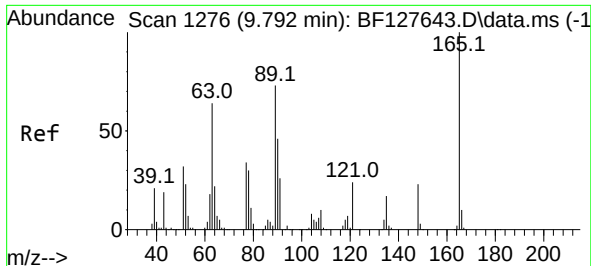
Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 22.8 18.6 27.8

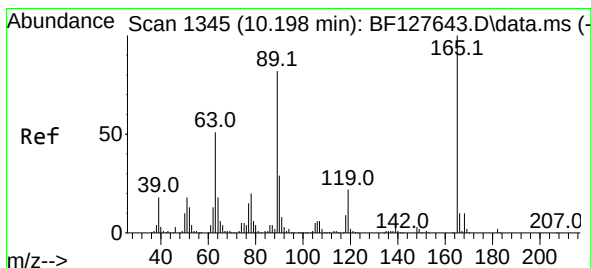
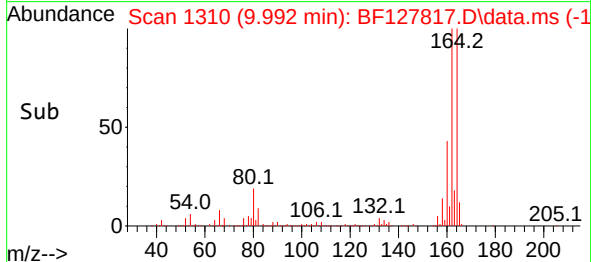
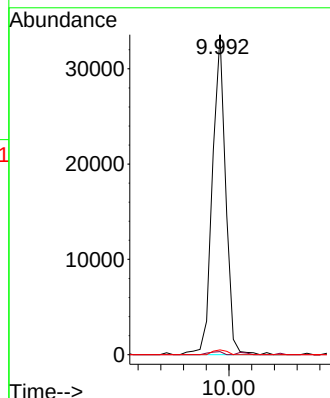
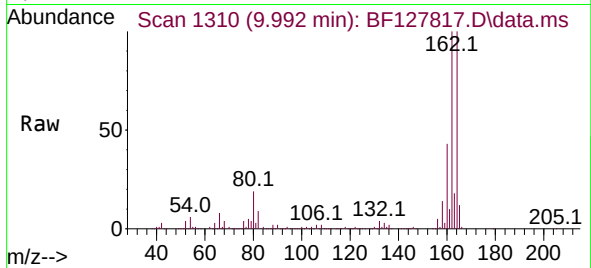




#51
2,6-Dinitrotoluene
Concen: 9.588 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

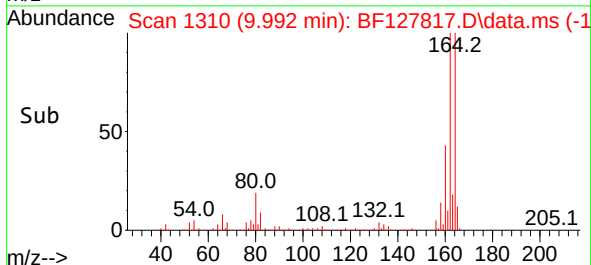
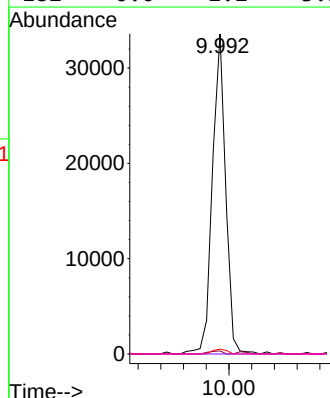
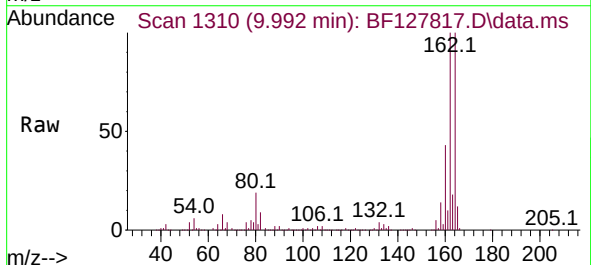
Instrument :
BNA_F
ClientSampleId :
OR-02-041422

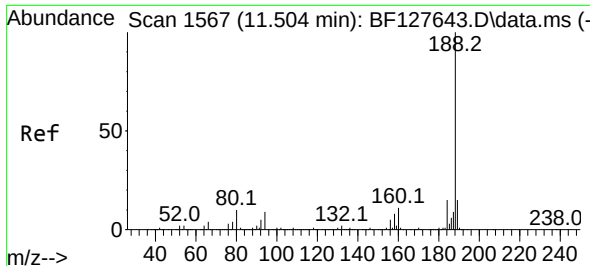
Tgt Ion:165 Resp: 27159
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.5 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.733 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

Tgt Ion:165 Resp: 27159
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#

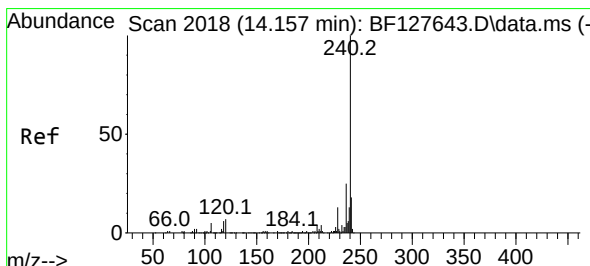
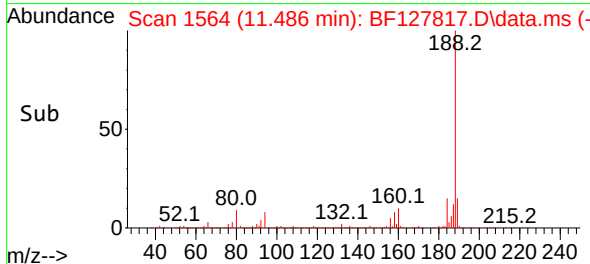
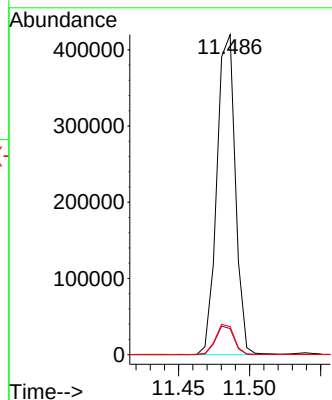
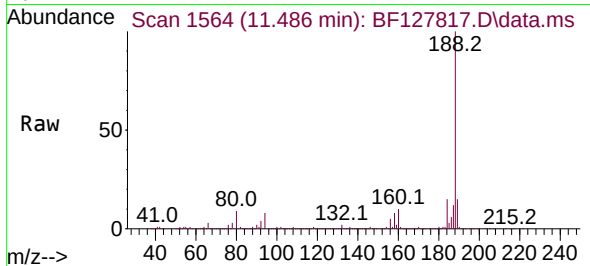




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

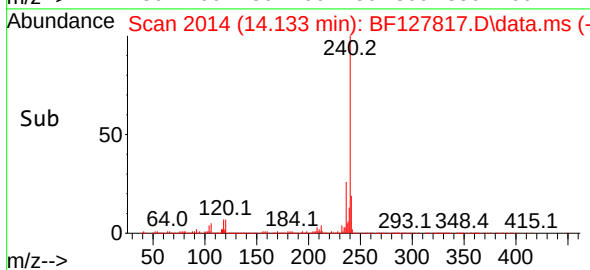
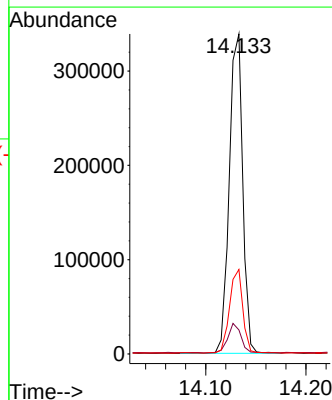
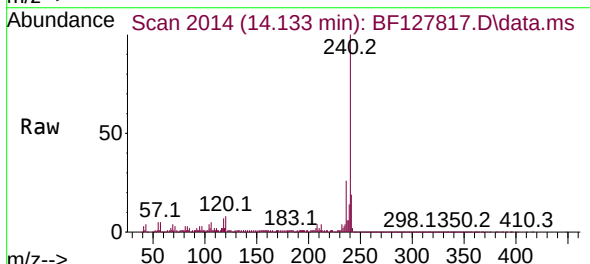
Instrument :
BNA_F
ClientSampleId :
OR-02-041422

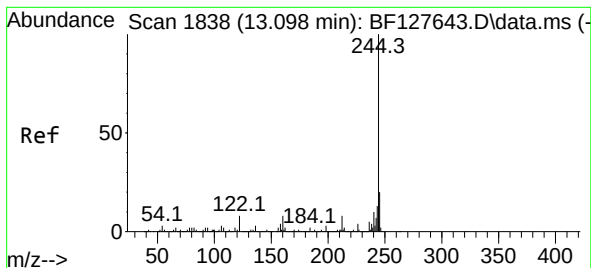
Tgt Ion:188 Resp: 379686
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.0
80 8.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127817.D
Acq: 15 Apr 2022 21:47

Tgt Ion:240 Resp: 314717
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 5.591 ng

RT: 13.068 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

Instrument :

BNA_F

ClientSampleId :

OR-02-041422

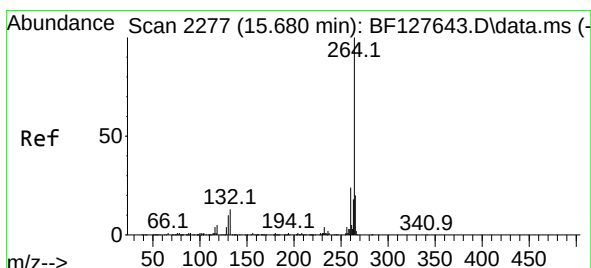
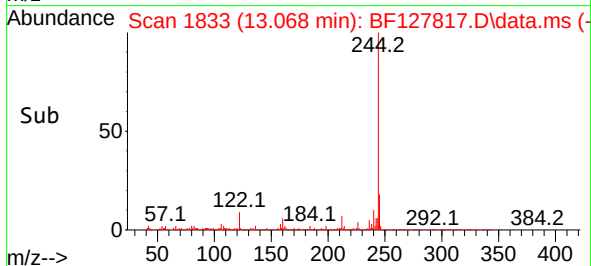
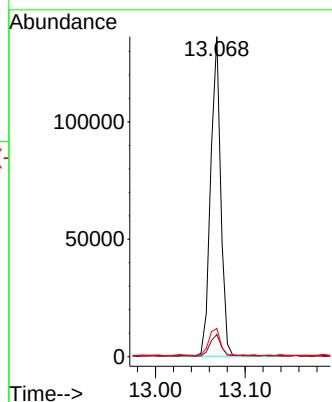
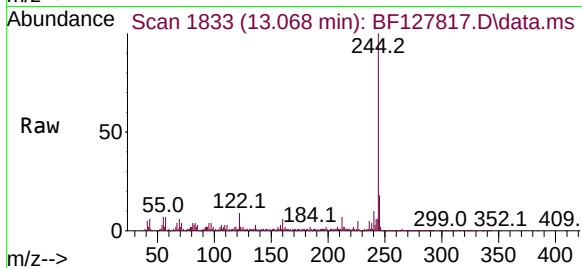
Tgt Ion:244 Resp: 106595

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 8.8 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF127817.D

Acq: 15 Apr 2022 21:47

Tgt Ion:264 Resp: 235940

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.8 17.4 26.2

