

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127810.D
 Acq On : 15 Apr 2022 18:25
 Operator : CG\JU
 Sample : N2431-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

Quant Time: Apr 18 01:26:13 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	6.945	152	138793	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	509624	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	284523	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	442748	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	302544	20.000	ng	-0.02
86) Perylene-d12	15.645	264	320457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1010992	118.361	ng	0.00
7) Phenol-d6	6.575	99	1158595	103.684	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1013735	88.680	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	388582	128.340	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1760062	87.511	ng	-0.01
79) Terphenyl-d14	13.069	244	1470207	80.211	ng	-0.01

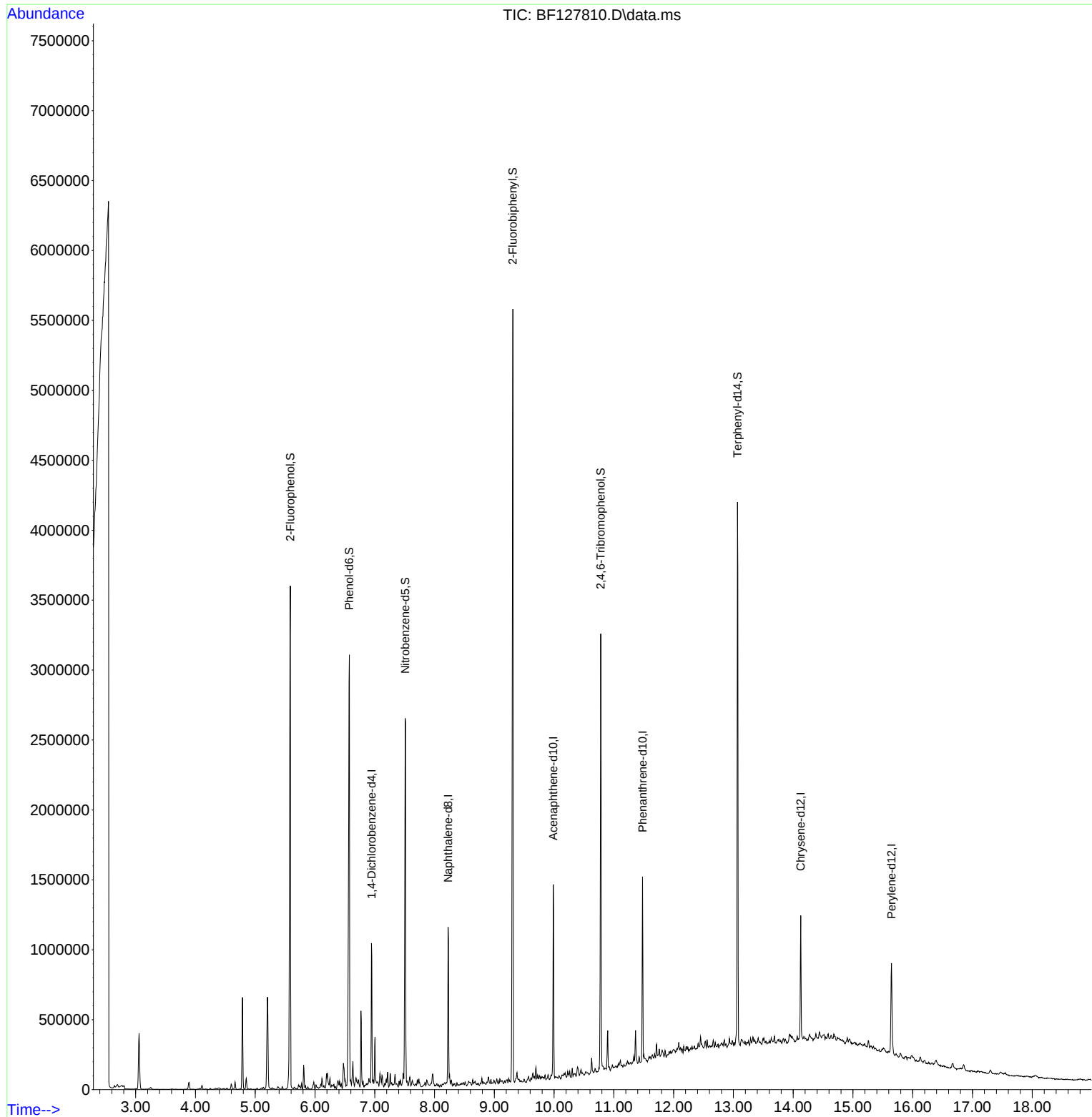
Target Compounds	Qvalue

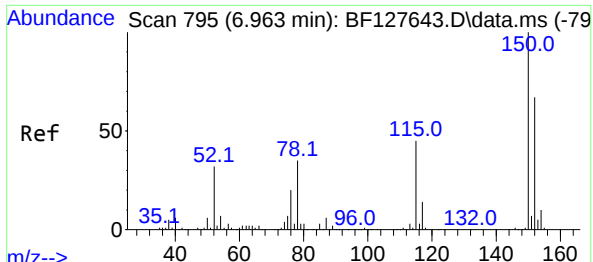
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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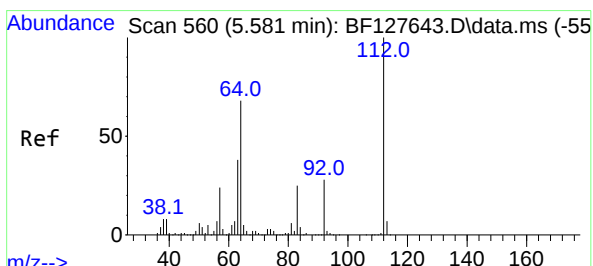
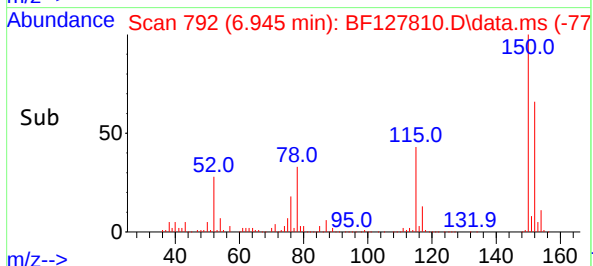
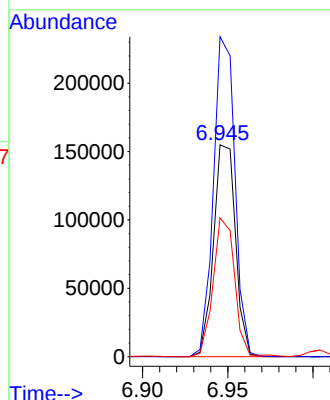
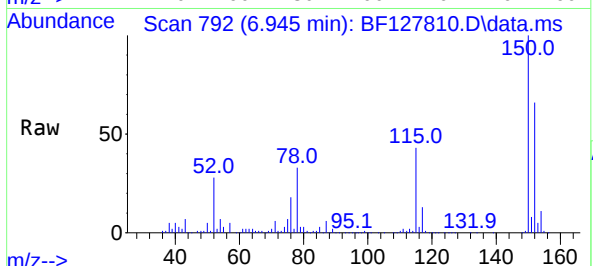




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

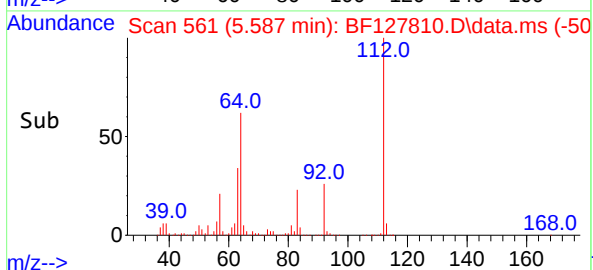
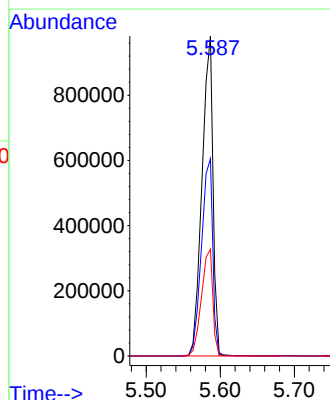
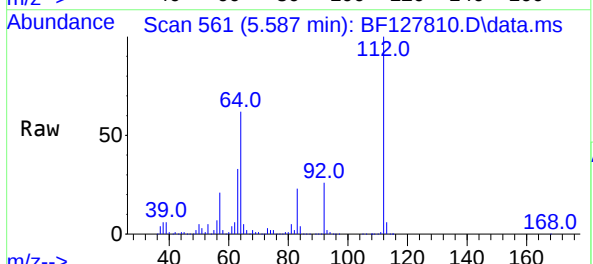
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

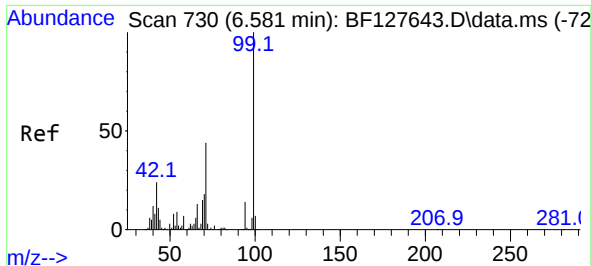
Tgt Ion:152 Resp: 138793
Ion Ratio Lower Upper
152 100
150 151.1 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 118.361 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:112 Resp: 1010992
Ion Ratio Lower Upper
112 100
64 61.6 58.4 87.6
63 33.4 30.1 45.1

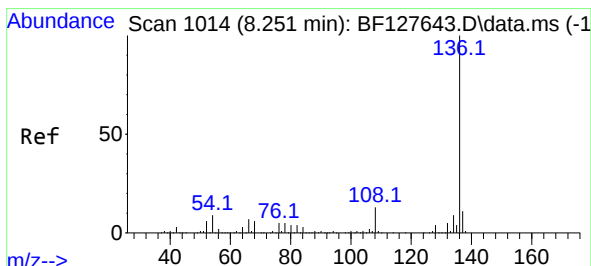
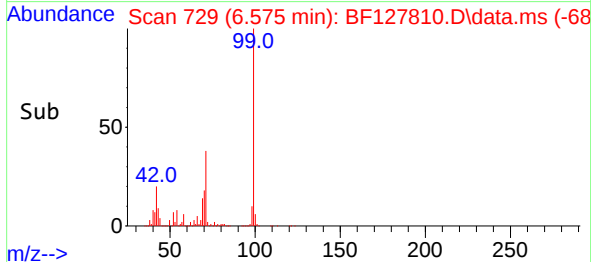
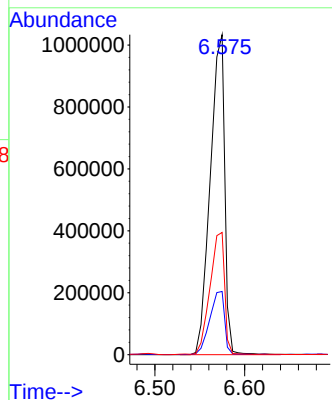
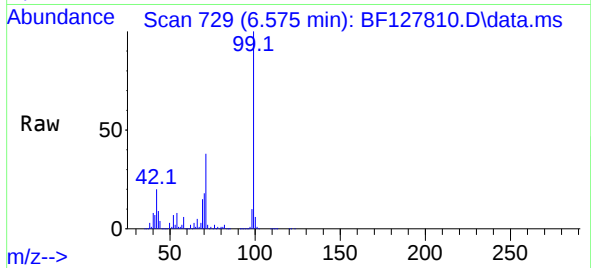




#7
Phenol-d6
Concen: 103.684 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

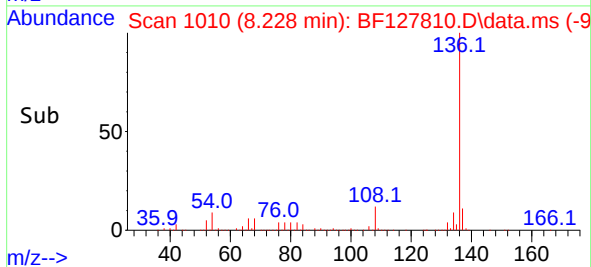
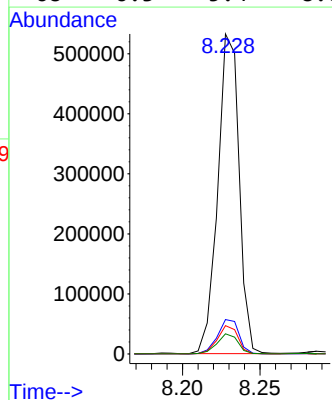
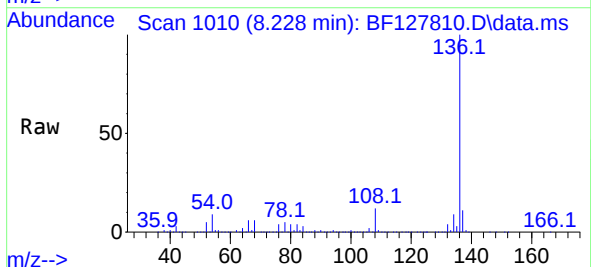
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

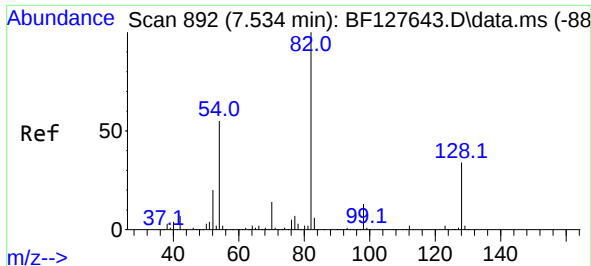
Tgt Ion: 99 Resp: 1158595
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.6
71 38.2 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion: 136 Resp: 509624
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 9.2 13.8#
68 6.3 5.4 8.0

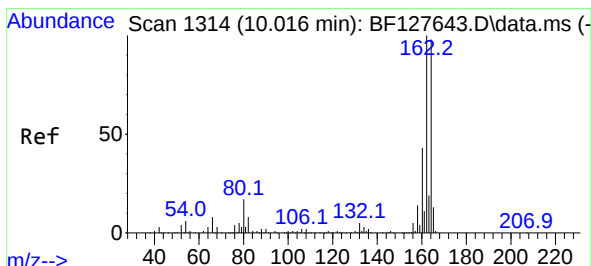
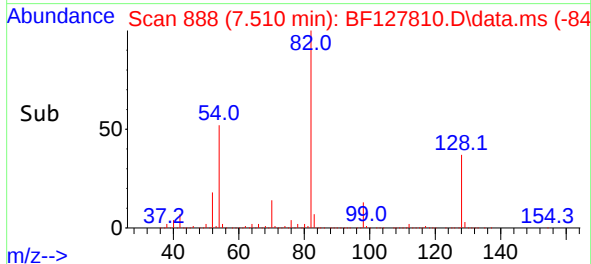
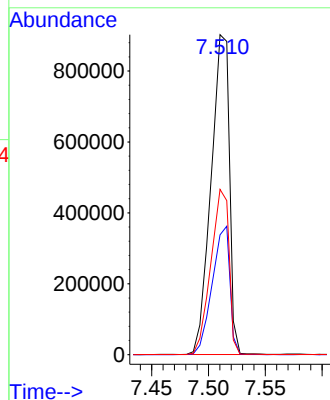
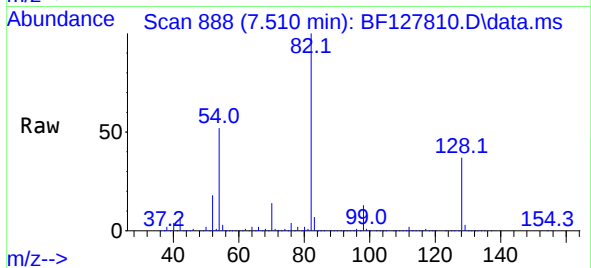




#23
Nitrobenzene-d5
Concen: 88.680 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

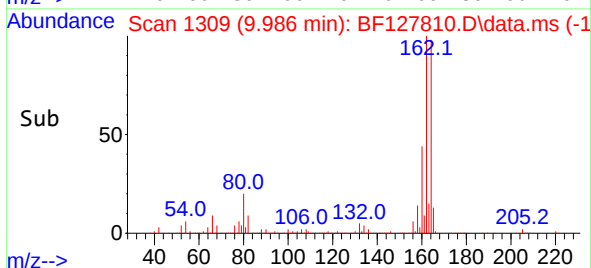
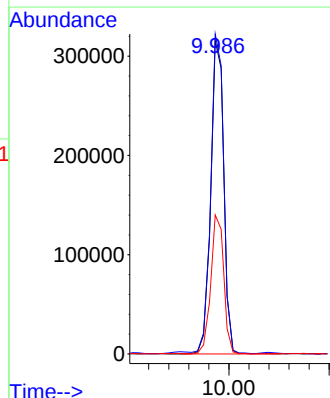
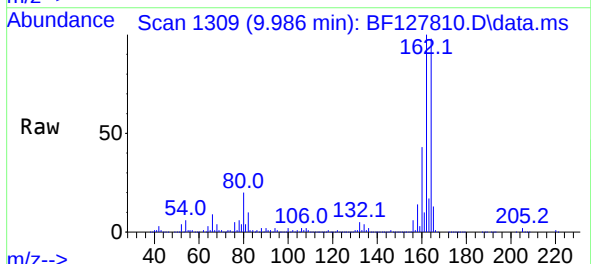
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

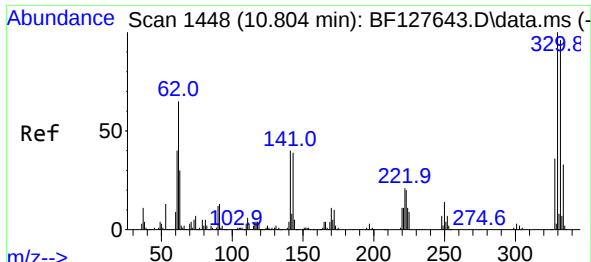
Tgt Ion: 82 Resp: 1013735
Ion Ratio Lower Upper
82 100
128 37.5 30.6 45.8
54 51.6 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:164 Resp: 284523
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 128.340 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.018 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

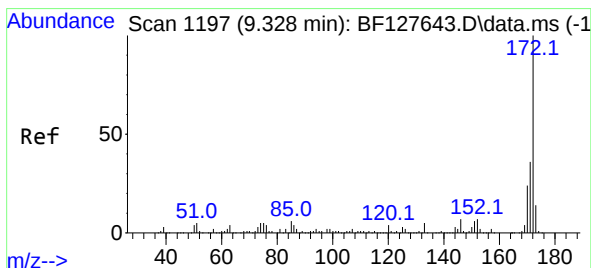
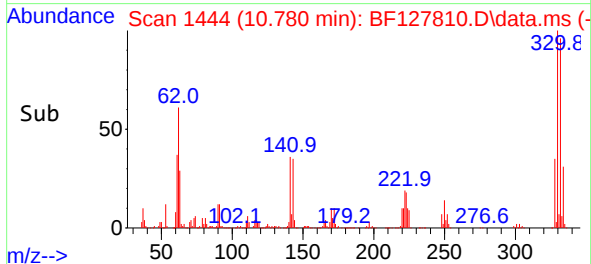
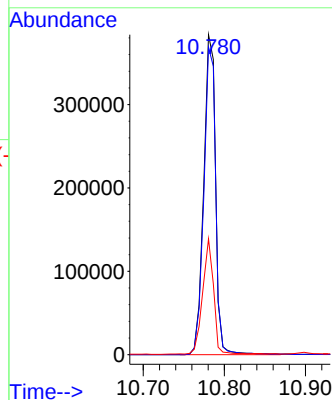
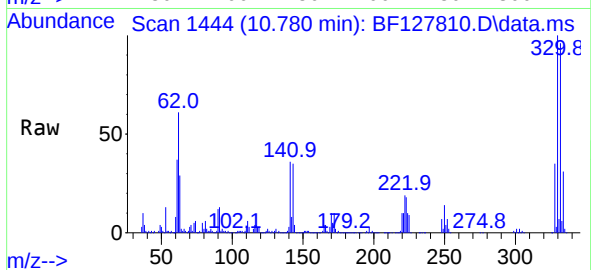
Tgt Ion:330 Resp: 388582

Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 33.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 87.511 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

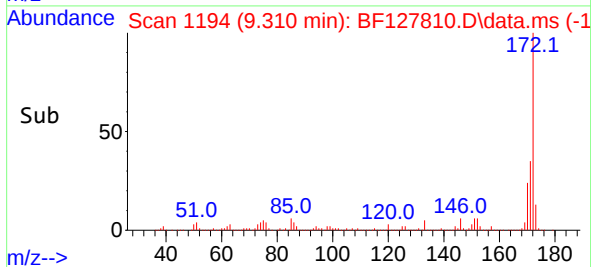
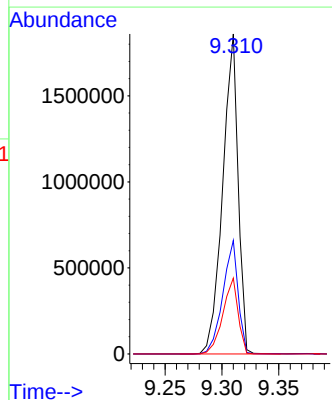
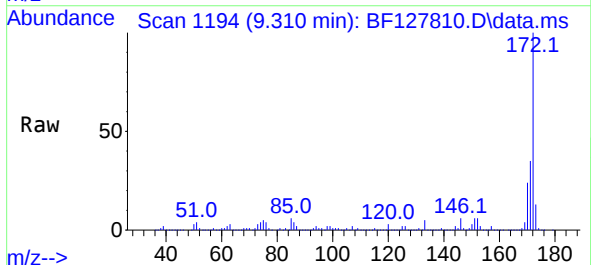
Tgt Ion:172 Resp: 1760062

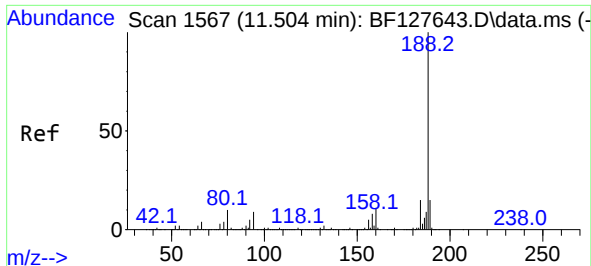
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 18.6 27.8

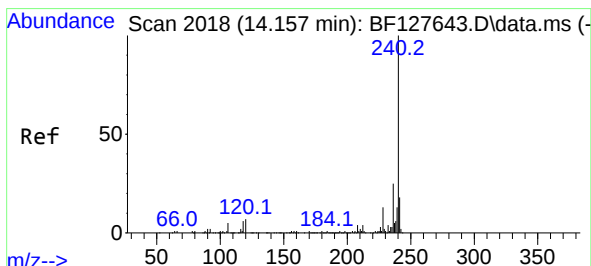
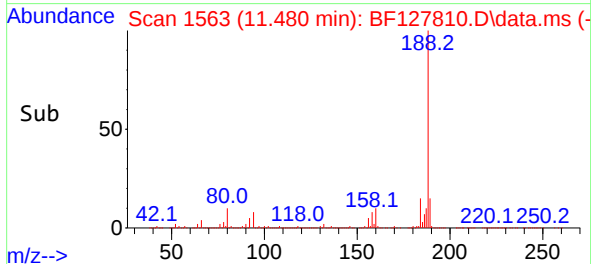
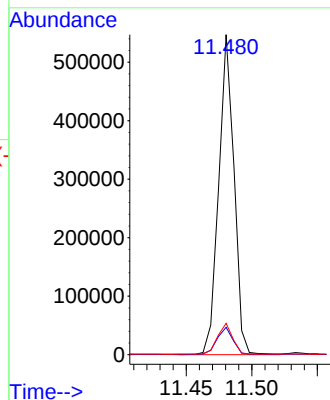
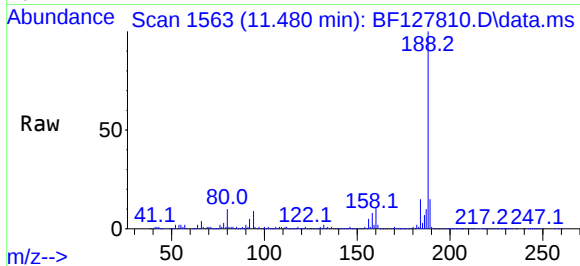




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

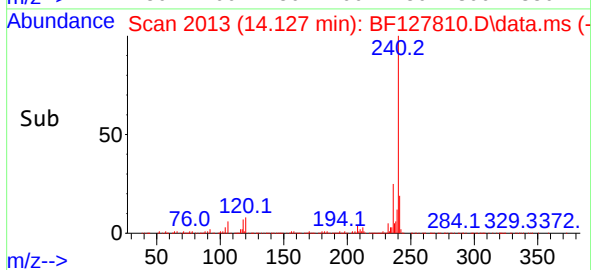
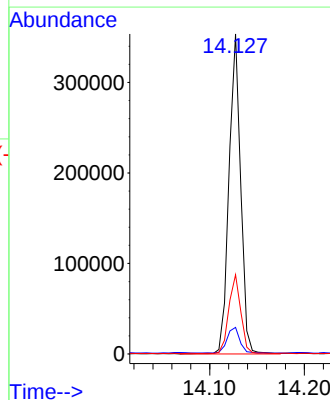
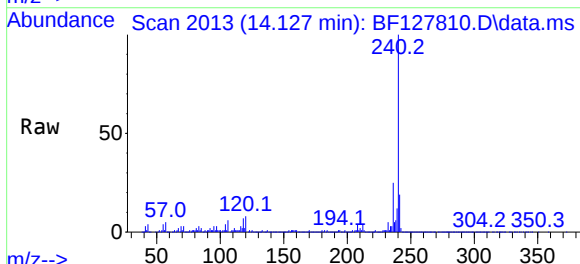
Instrument :
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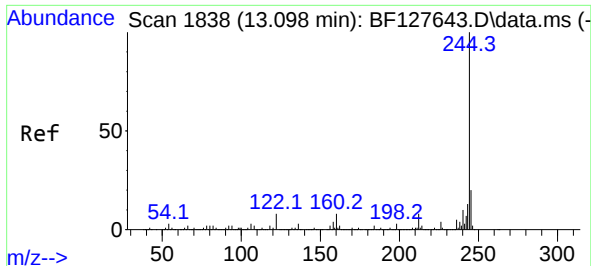
Tgt Ion:188 Resp: 442748
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:240 Resp: 302544
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 24.8 20.7 31.1

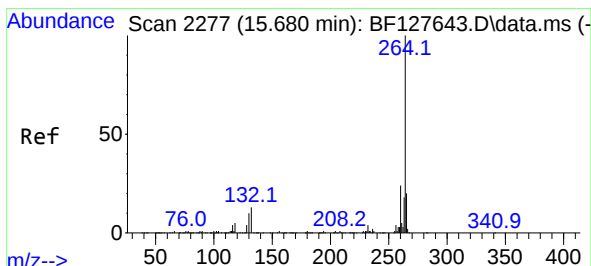
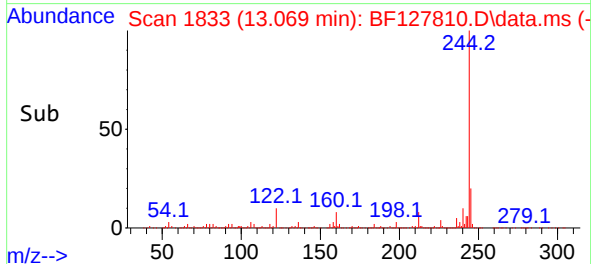
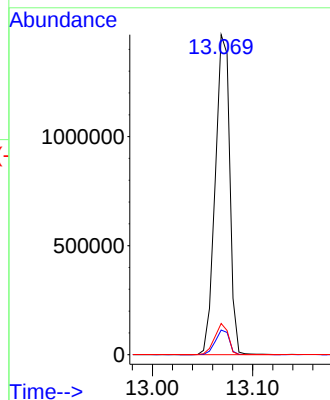
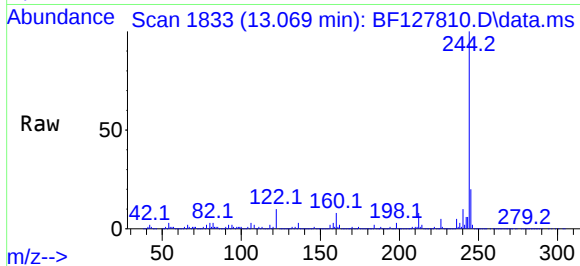




#79
 Terphenyl-d14
 Concen: 80.211 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF127810.D
 Acq: 15 Apr 2022 18:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

Tgt Ion:244 Resp: 1470207
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.7 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127810.D
 Acq: 15 Apr 2022 18:25

Tgt Ion:264 Resp: 320457
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.2 17.4 26.2

