

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127825.D
 Acq On : 18 Apr 2022 15:12
 Operator : CG\JU
 Sample : N2442-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Apr 19 05:15:18 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)

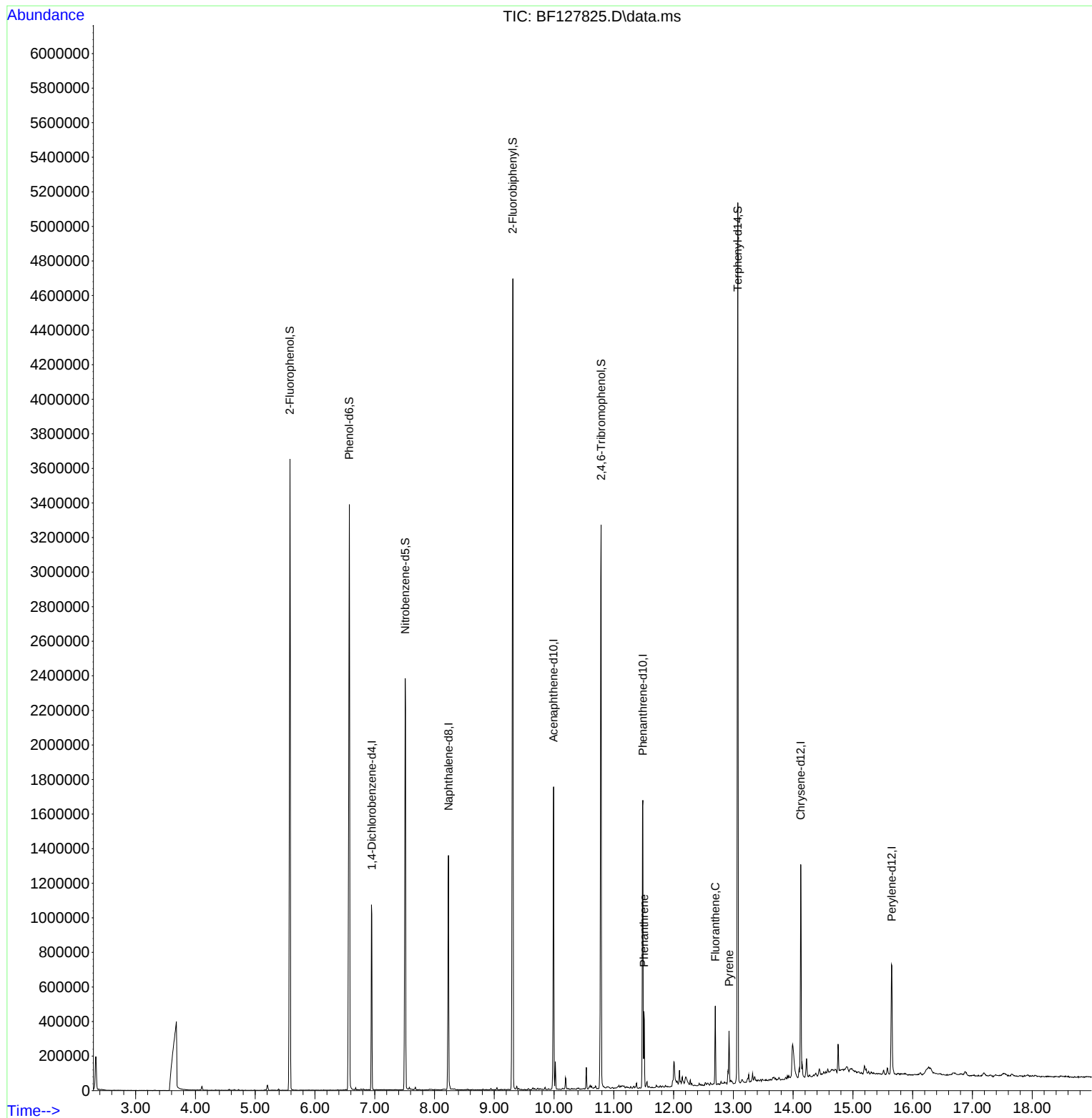
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	162096	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	598204	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	351091	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	660124	20.000	ng	0.00
76) Chrysene-d12	14.127	240	415019	20.000	ng	-0.02
86) Perylene-d12	15.651	264	322572	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1018081	102.056	ng	0.00
7) Phenol-d6	6.575	99	1302859	99.833	ng	-0.01
23) Nitrobenzene-d5	7.510	82	934359	69.633	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	422977	113.213	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1527197	61.536	ng	-0.01
79) Terphenyl-d14	13.075	244	1816832	72.259	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.504	178	155773	4.454	ng	99
75) Fluoranthene	12.698	202	168432	4.413	ng	99
78) Pyrene	12.927	202	121312	3.462	ng	97

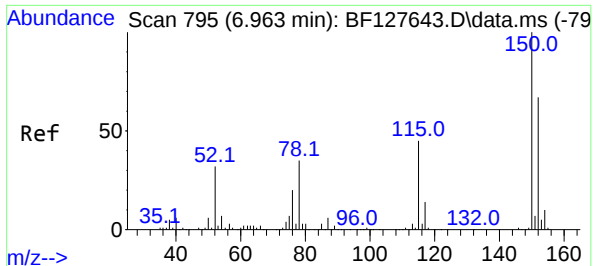
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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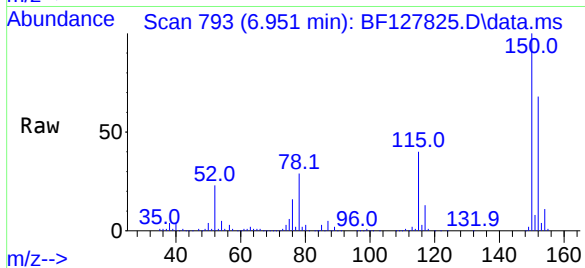
Quant Time: Apr 19 05:15:18 2022
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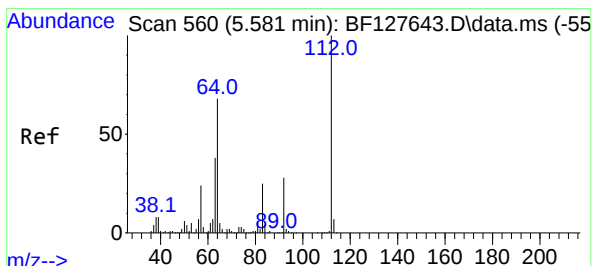
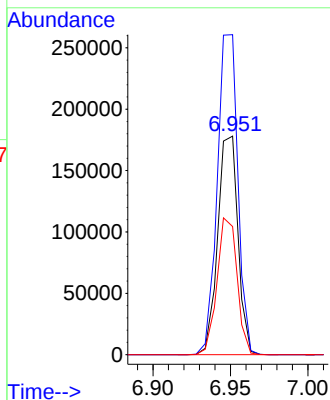
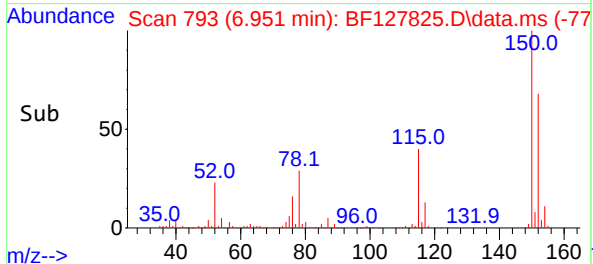


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

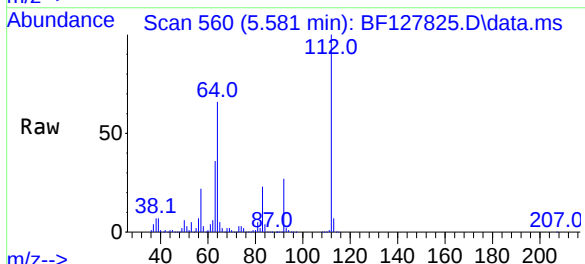
Instrument :
BNA_F
ClientSampleId :
124042



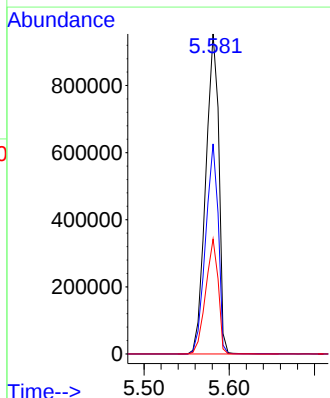
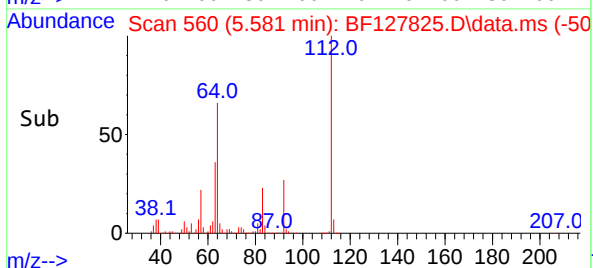
Tgt Ion:152 Resp: 162096
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 58.7 49.8 74.6

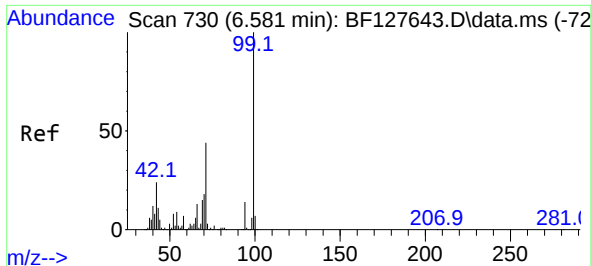


#5
2-Fluorophenol
Concen: 102.056 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12



Tgt Ion:112 Resp: 1018081
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 35.9 30.1 45.1

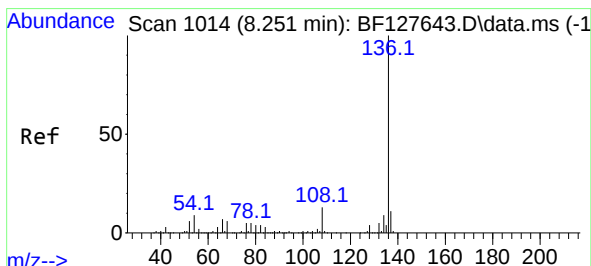
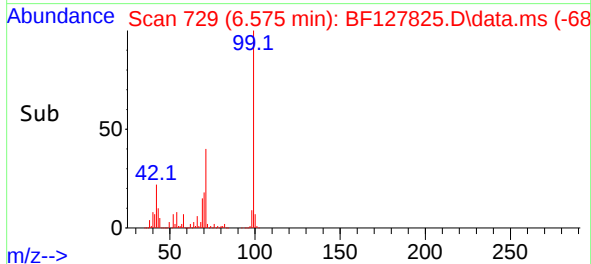
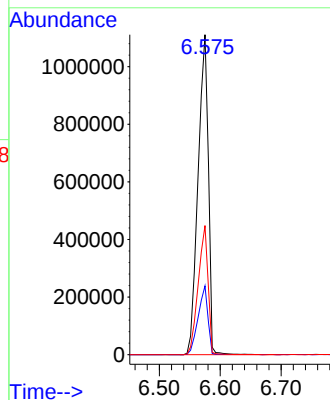
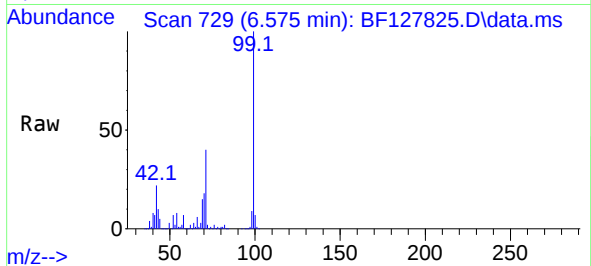




#7
Phenol-d6
Concen: 99.833 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

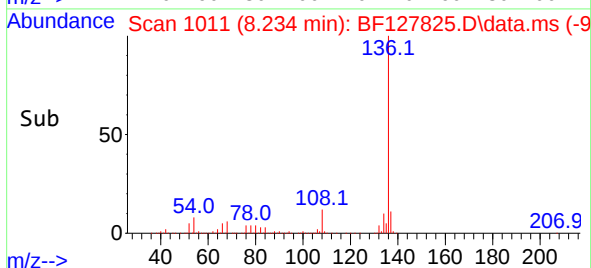
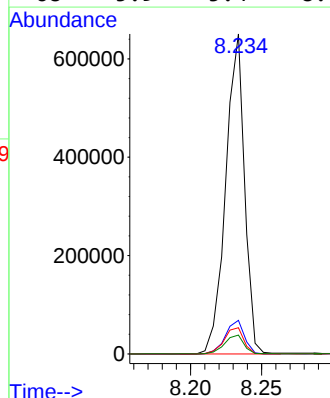
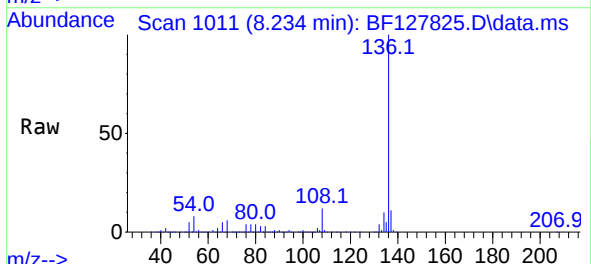
Instrument :
BNA_F
ClientSampleId :
124042

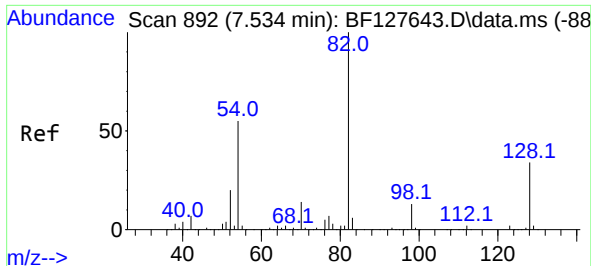
Tgt Ion: 99 Resp: 1302859
Ion Ratio Lower Upper
99 100
42 21.5 17.8 26.6
71 40.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion: 136 Resp: 598204
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 9.2 13.8#
68 5.9 5.4 8.0

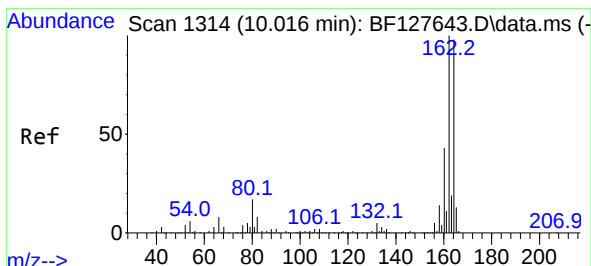
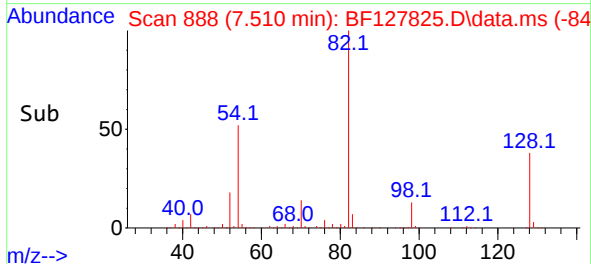
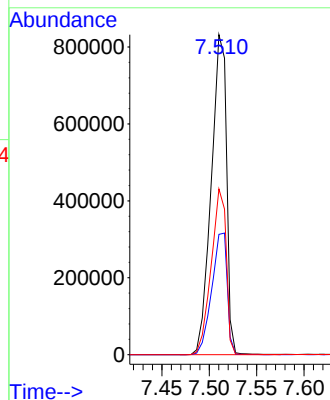
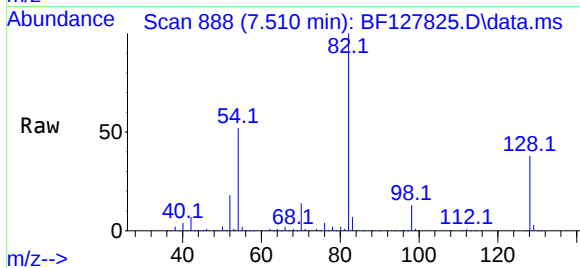




#23
Nitrobenzene-d5
Concen: 69.633 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

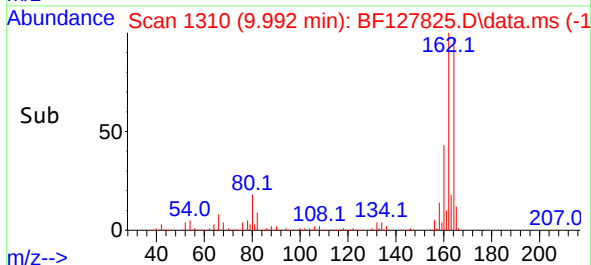
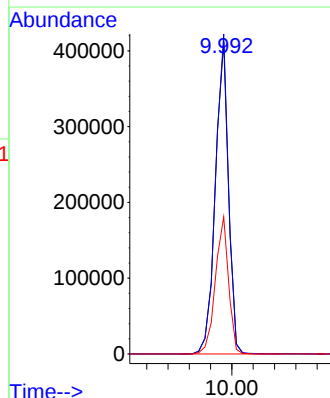
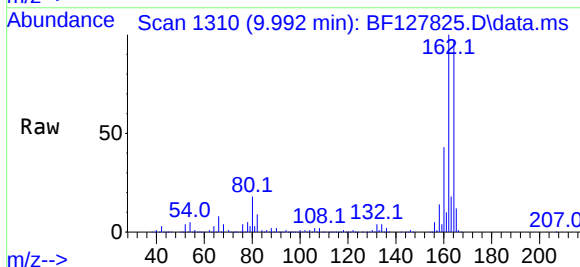
Instrument :
BNA_F
ClientSampleId :
124042

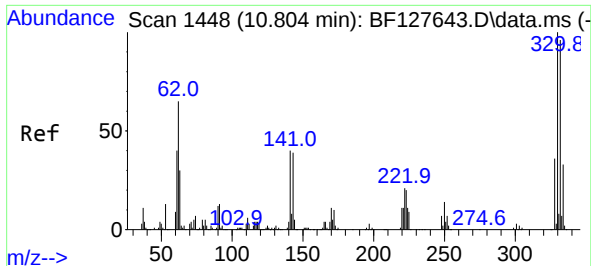
Tgt Ion: 82 Resp: 934359
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 51.8 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion: 164 Resp: 351091
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 44.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 113.213 ng

RT: 10.786 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF127825.D

Acq: 18 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

124042

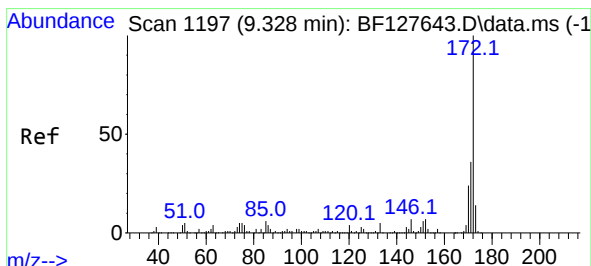
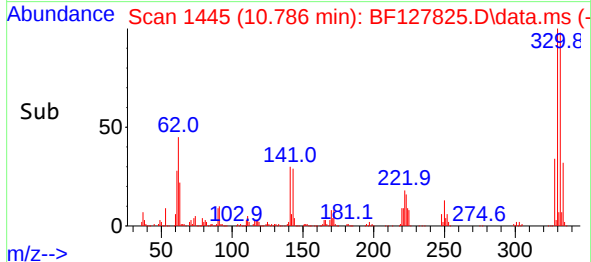
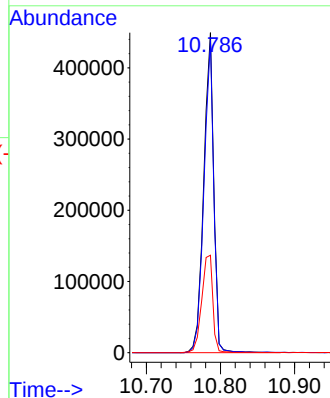
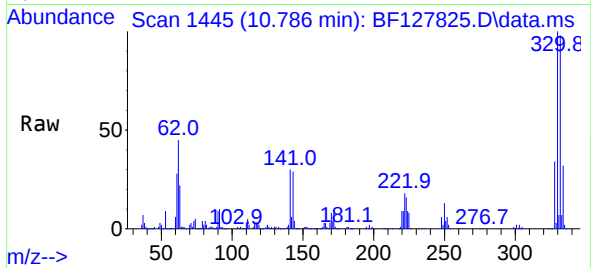
Tgt Ion:330 Resp: 422977

Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 33.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 61.536 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127825.D

Acq: 18 Apr 2022 15:12

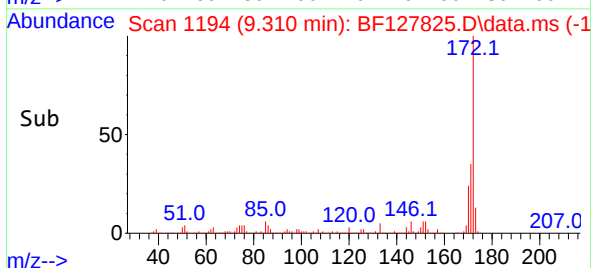
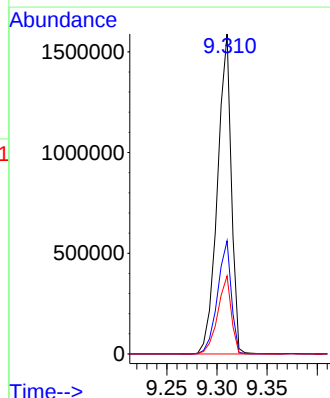
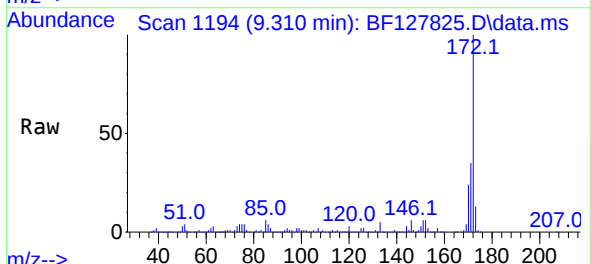
Tgt Ion:172 Resp: 1527197

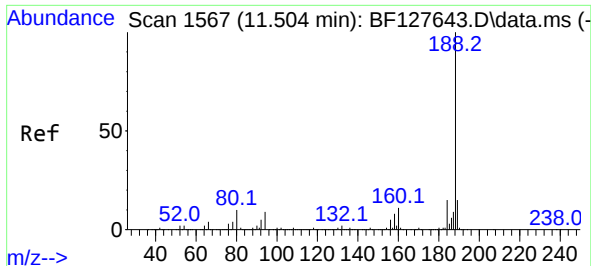
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.4 18.6 27.8

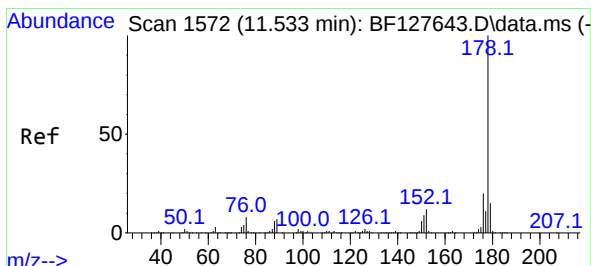
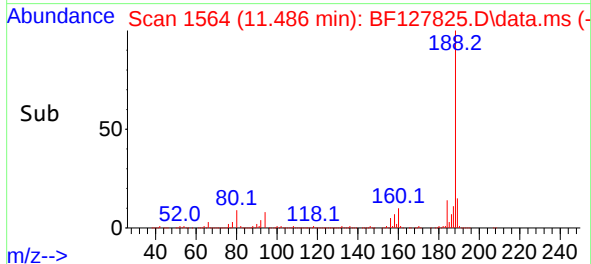
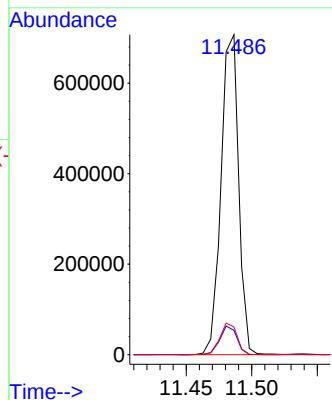
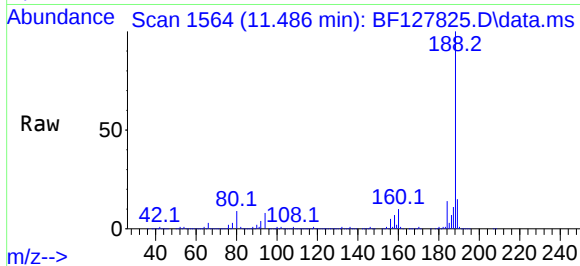




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

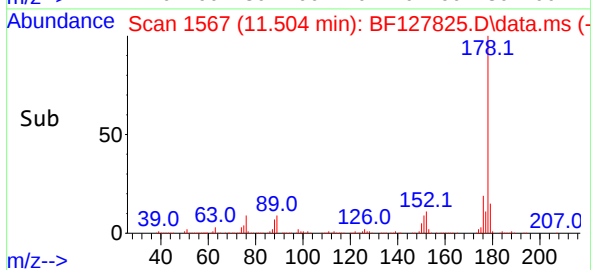
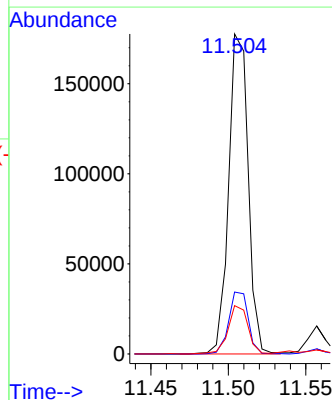
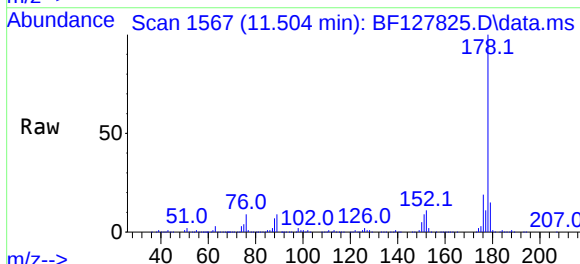
Instrument :
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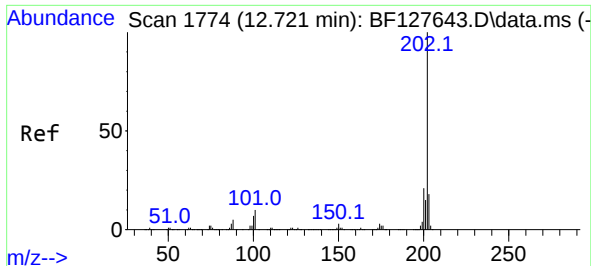
Tgt Ion:188 Resp: 660124
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.7 8.0 12.0



#71
Phenanthrene
Concen: 4.454 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:178 Resp: 155773
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.1 12.4 18.6

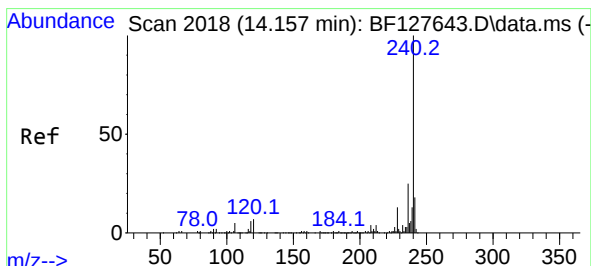
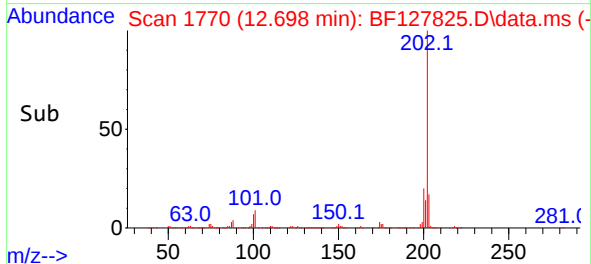
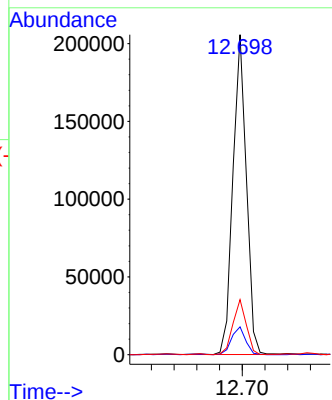
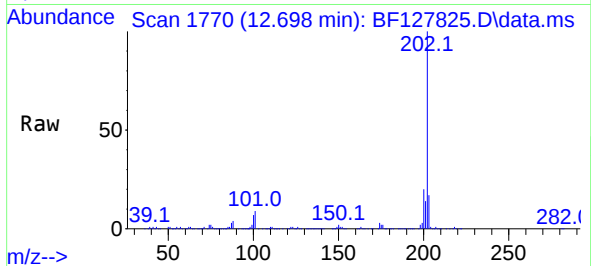




#75
Fluoranthene
Concen: 4.413 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

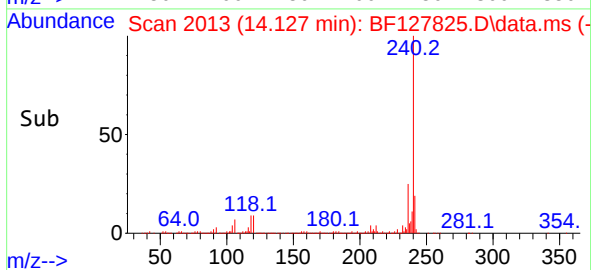
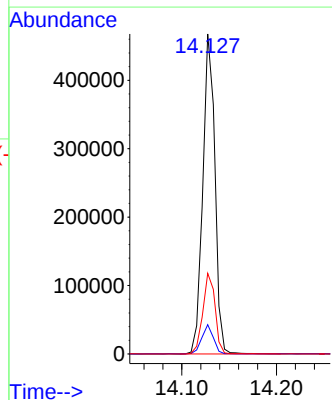
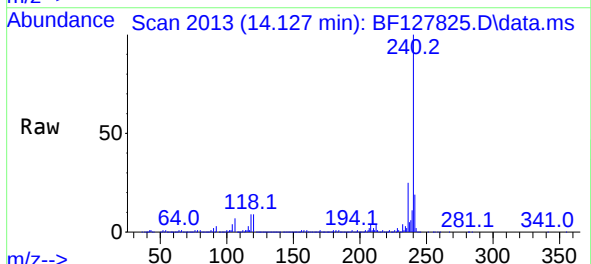
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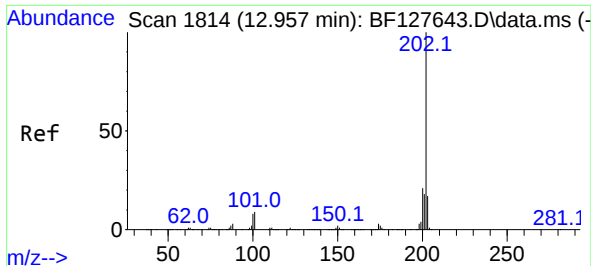
Tgt Ion:202 Resp: 168432
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:240 Resp: 415019
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.2 20.7 31.1

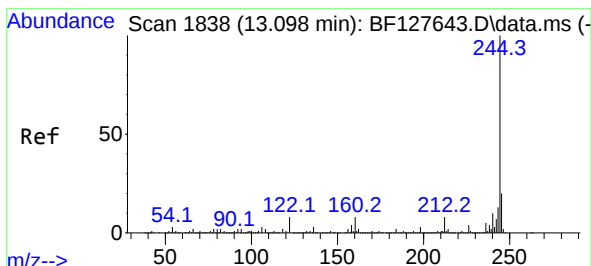
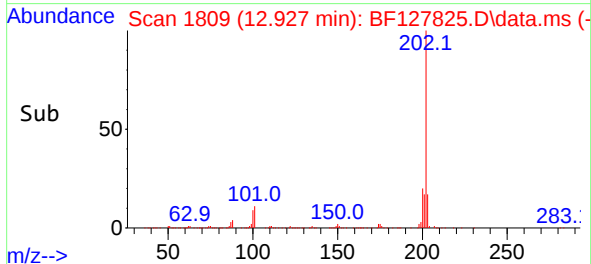
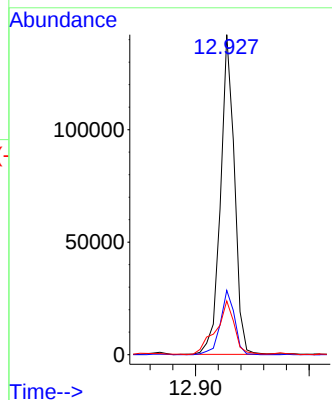
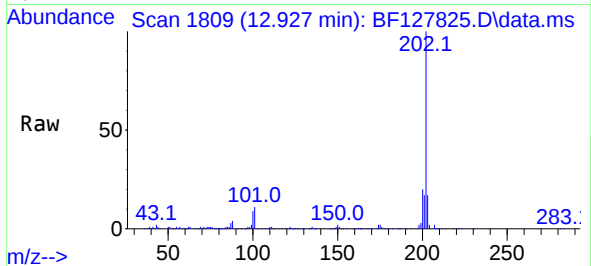




#78
 Pyrene
 Concen: 3.462 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.018 min
 Lab File: BF127825.D
 Acq: 18 Apr 2022 15:12

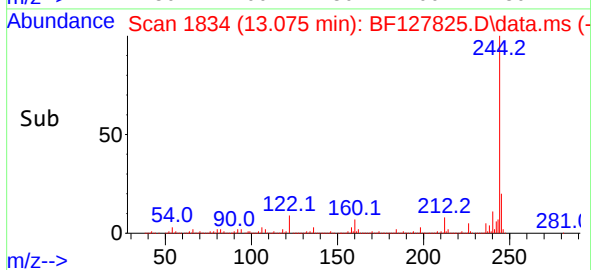
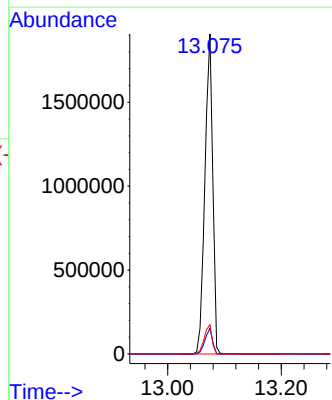
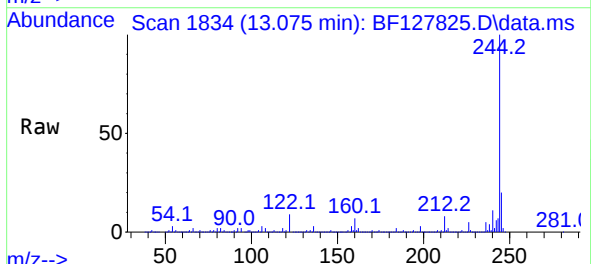
Instrument :
 BNA_F
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 124042

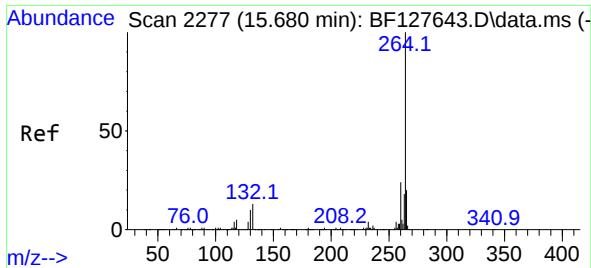
Tgt Ion:202 Resp: 121312
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.1 25.7
 203 16.8 14.3 21.5



#79
 Terphenyl-d14
 Concen: 72.259 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127825.D
 Acq: 18 Apr 2022 15:12

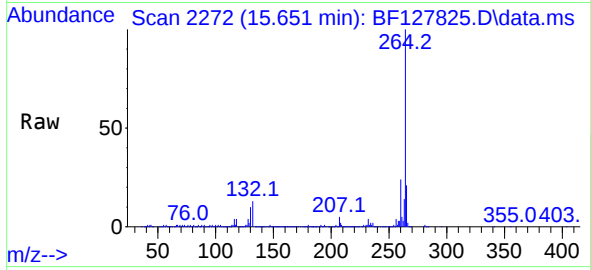
Tgt Ion:244 Resp: 1816832
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Instrument :
BNA_F
ClientSampleId :
124042



Tgt Ion:264 Resp: 322572

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.3	17.4	26.2

