

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127826.D
 Acq On : 18 Apr 2022 15:40
 Operator : CG\JU
 Sample : N2444-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Apr 19 05:15:25 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)

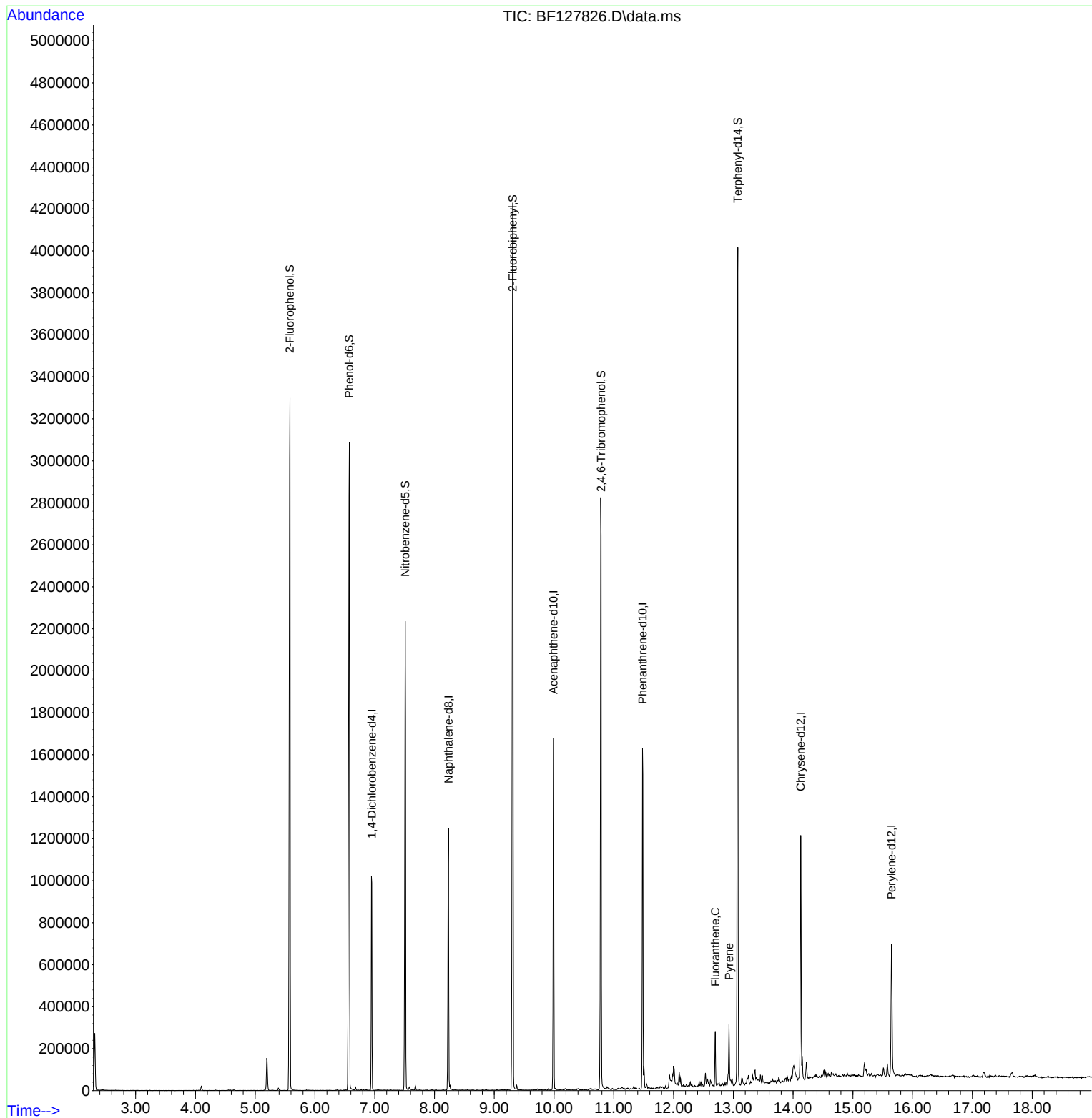
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	154410	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	561420	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	331514	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	614497	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	382602	20.000	ng	-0.02
86) Perylene-d12	15.645	264	310256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	898455	94.547	ng	0.00
7) Phenol-d6	6.575	99	1147031	92.268	ng	-0.01
23) Nitrobenzene-d5	7.510	82	821918	65.267	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	367908	104.288	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1387388	59.204	ng	-0.01
79) Terphenyl-d14	13.075	244	1491270	64.336	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.698	202	92824	2.613	ng	96
78) Pyrene	12.928	202	111311	3.445	ng	98

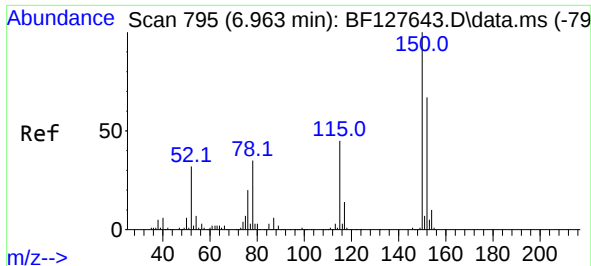
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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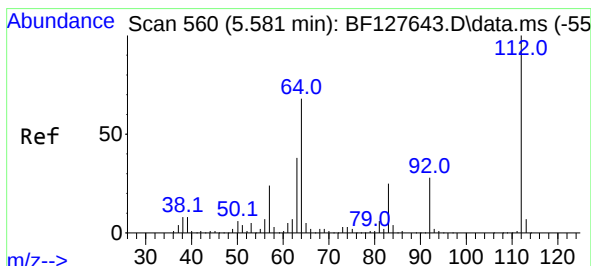
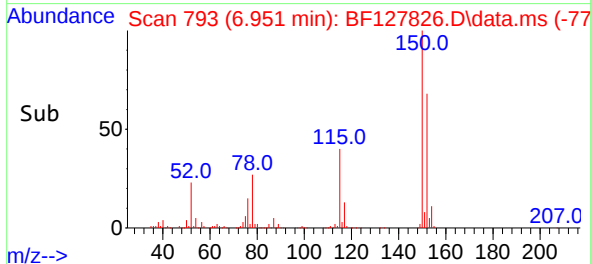
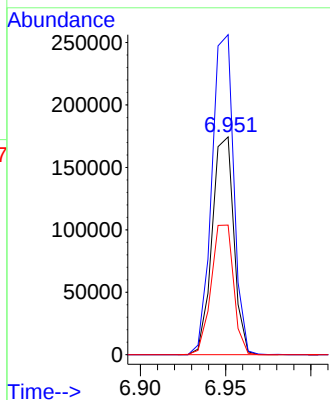
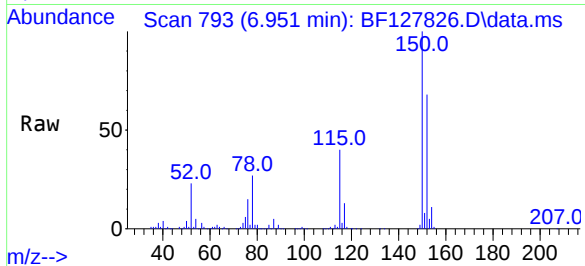




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

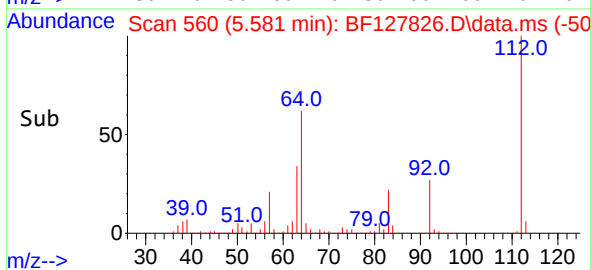
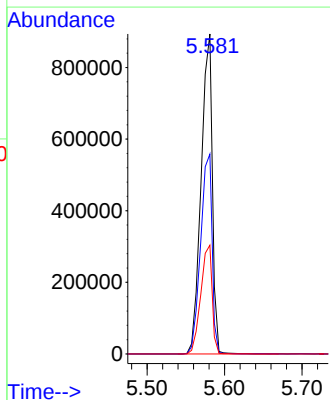
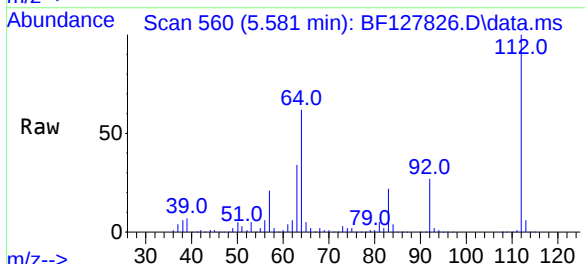
Instrument :
BNA_F
ClientSampleId :
SB-5

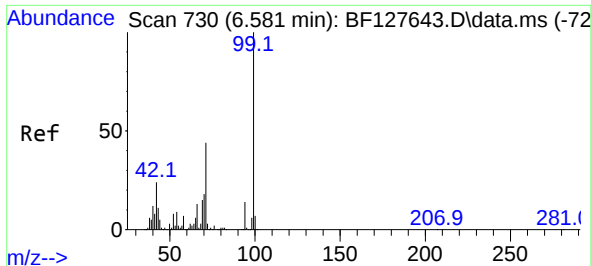
Tgt Ion:152 Resp: 154410
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 59.5 49.8 74.6



#5
2-Fluorophenol
Concen: 94.547 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:112 Resp: 898455
Ion Ratio Lower Upper
112 100
64 62.5 58.4 87.6
63 34.0 30.1 45.1

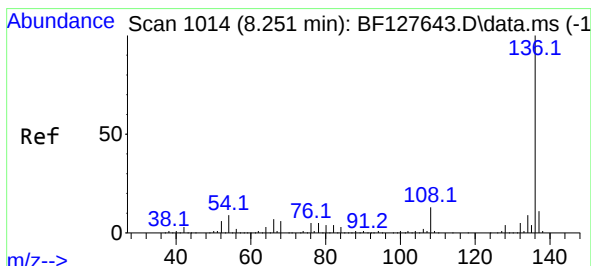
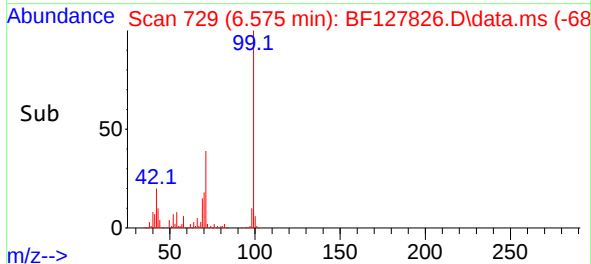
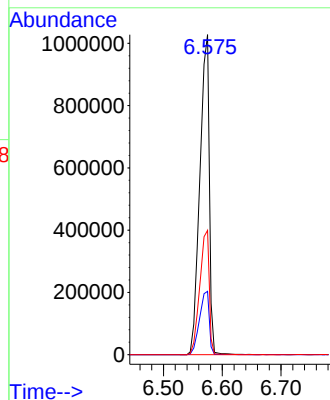
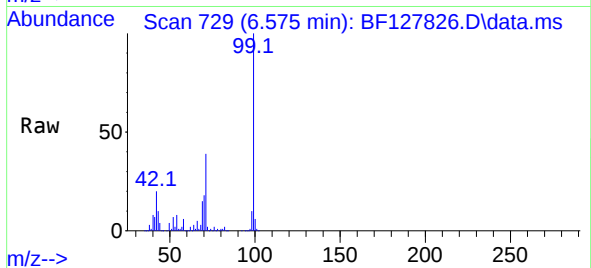




#7
Phenol-d6
Concen: 92.268 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

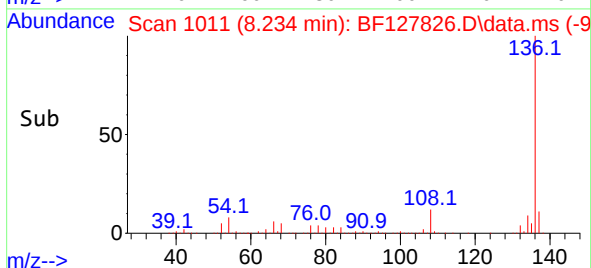
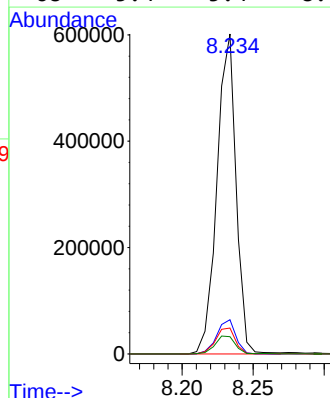
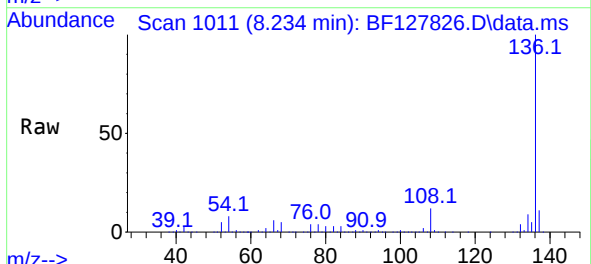
Instrument :
BNA_F
ClientSampleId :
SB-5

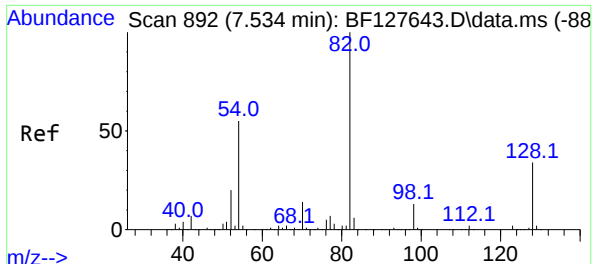
Tgt Ion: 99 Resp: 1147031
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.6
71 38.8 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion: 136 Resp: 561420
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 9.2 13.8#
68 5.4 5.4 8.0

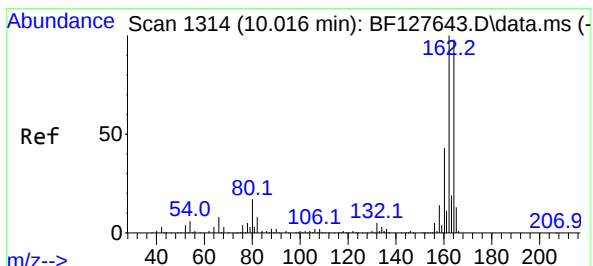
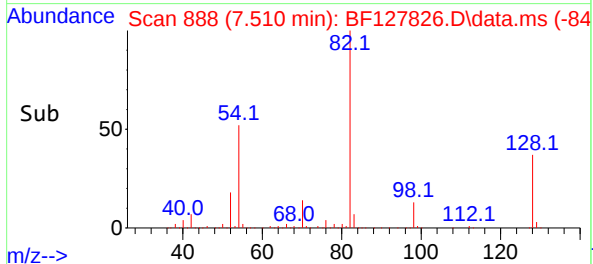
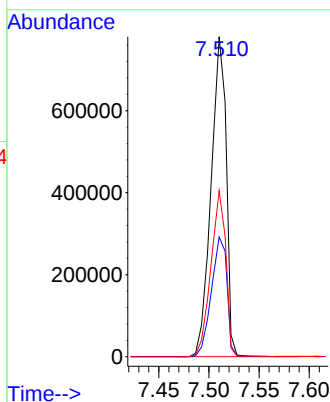
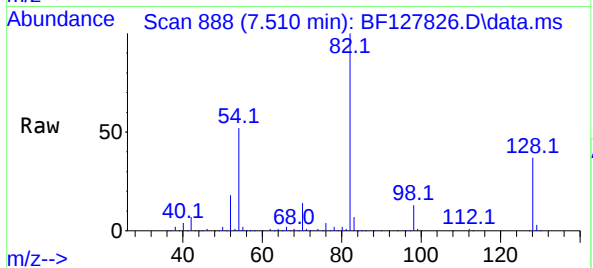




#23
Nitrobenzene-d5
Concen: 65.267 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

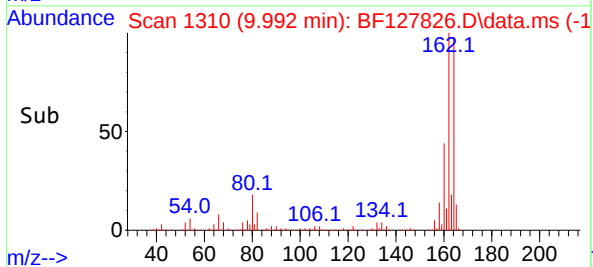
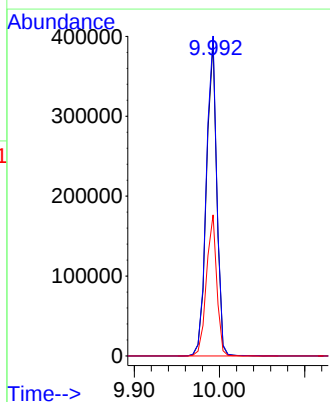
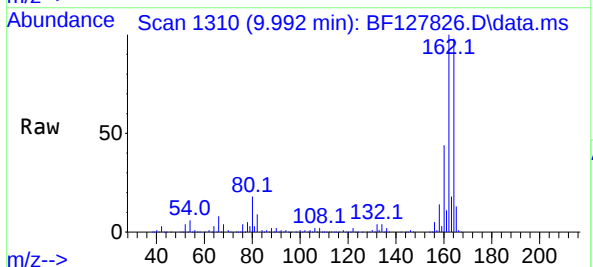
Instrument :
BNA_F
ClientSampleId :
SB-5

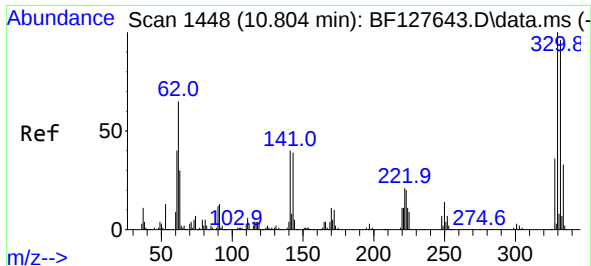
Tgt Ion: 82 Resp: 821918
Ion Ratio Lower Upper
82 100
128 37.4 30.6 45.8
54 51.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion: 164 Resp: 331514
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 45.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 104.288 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

Instrument :

BNA_F

ClientSampleId :

SB-5

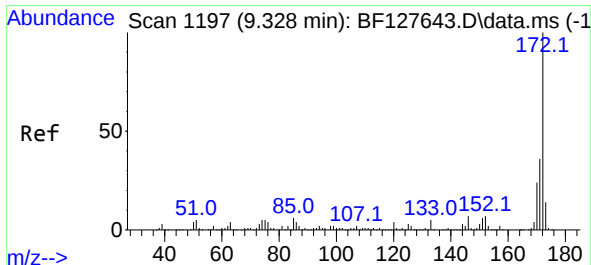
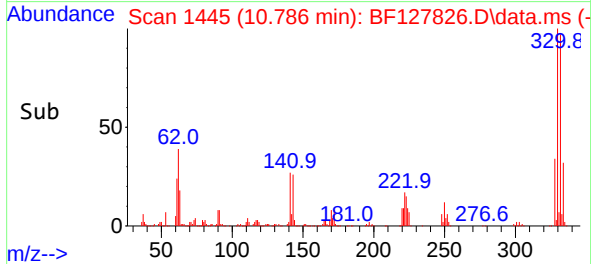
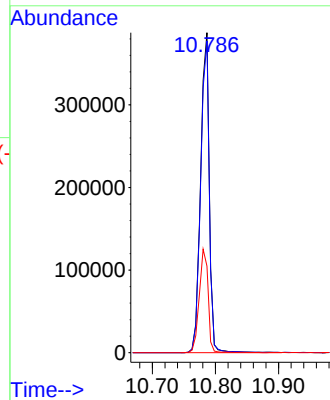
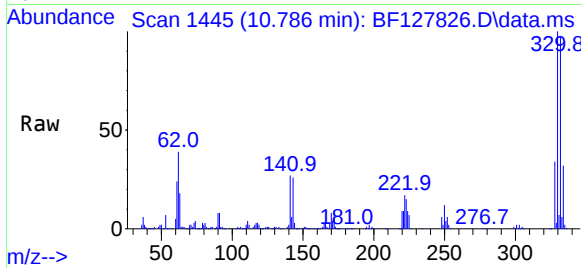
Tgt Ion:330 Resp: 367908

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

141 33.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 59.204 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127826.D

Acq: 18 Apr 2022 15:40

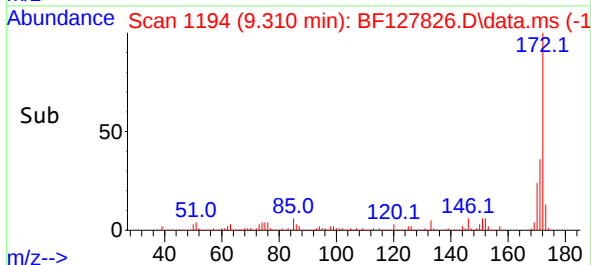
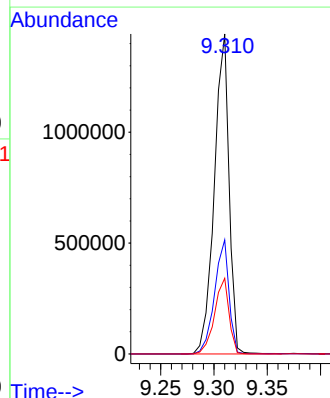
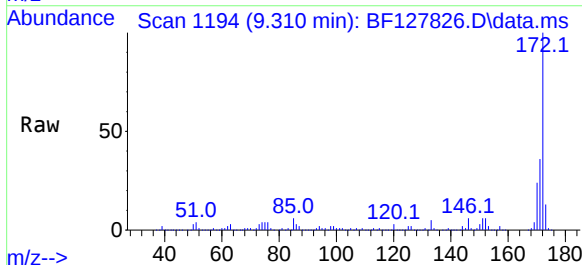
Tgt Ion:172 Resp: 1387388

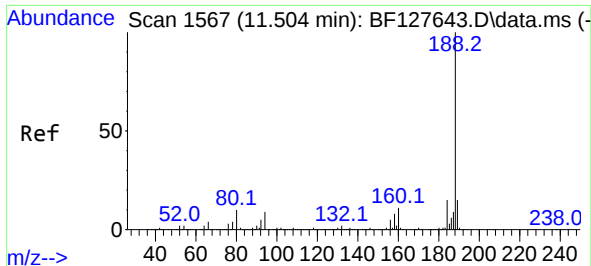
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 18.6 27.8

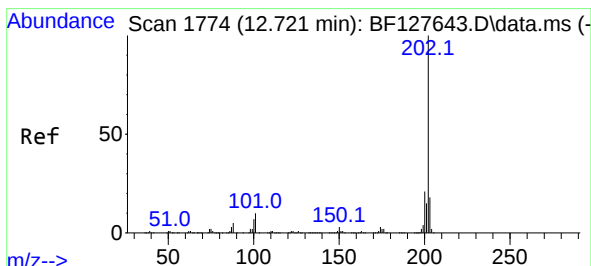
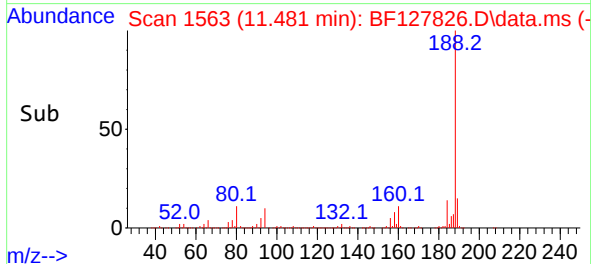
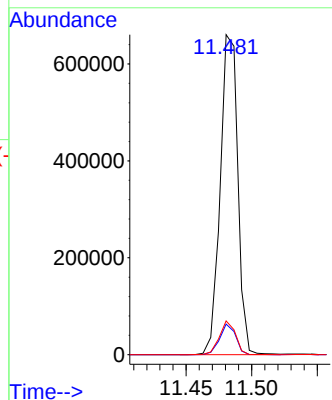
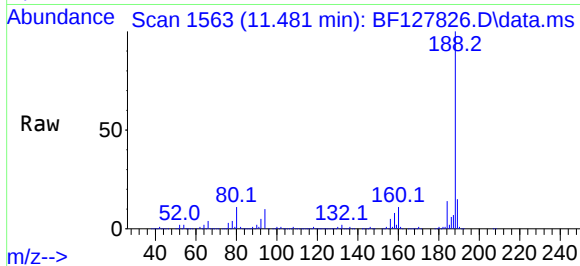




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

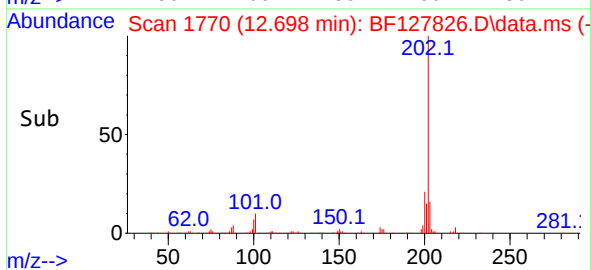
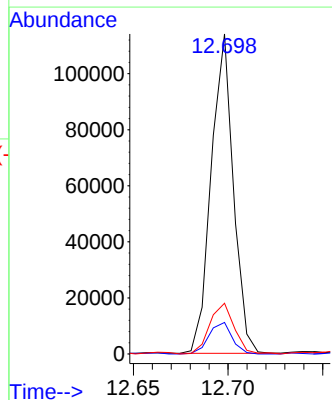
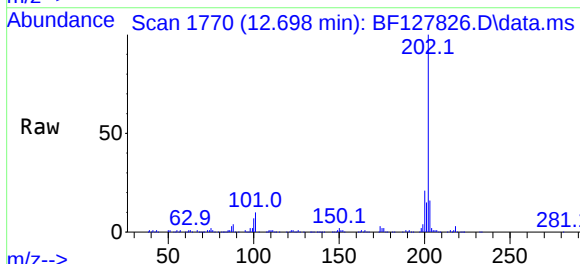
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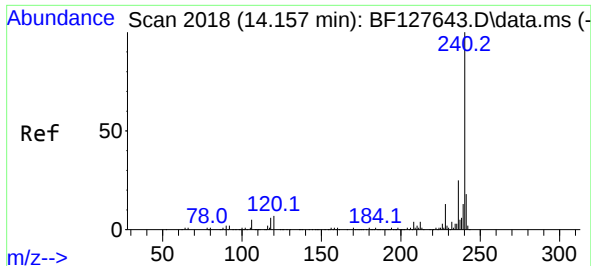
Tgt Ion:188 Resp: 614497
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.5 8.0 12.0



#75
Fluoranthene
Concen: 2.613 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

Tgt Ion:202 Resp: 92824
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.0
203 15.8 0.0 37.7

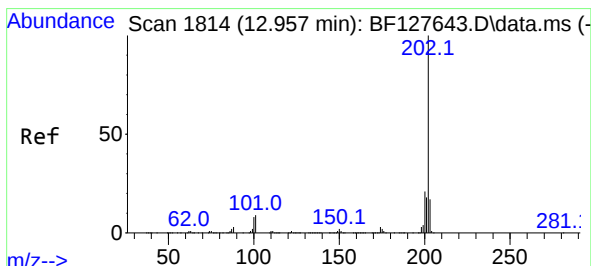
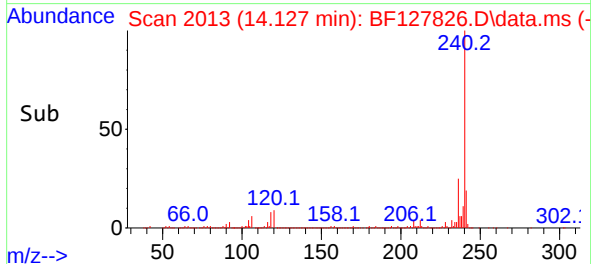
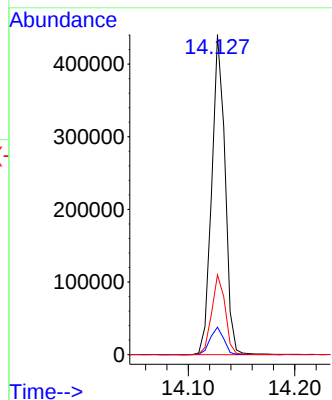
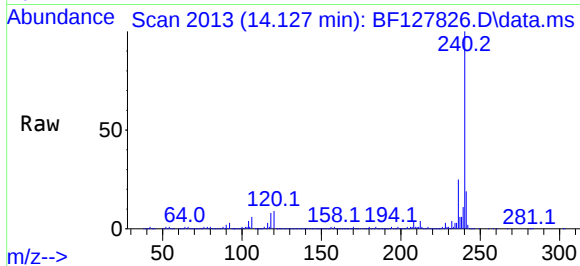




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

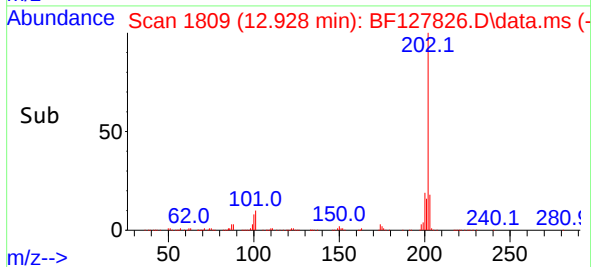
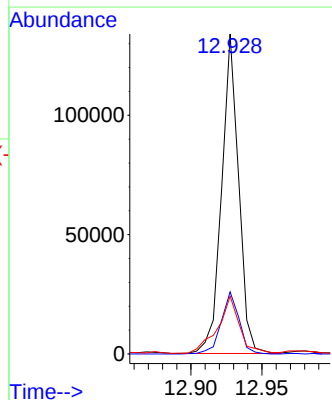
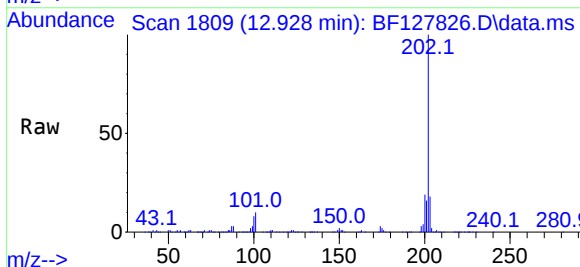
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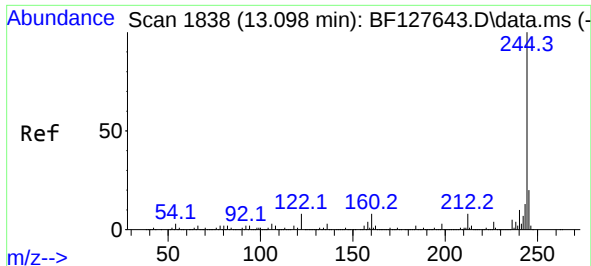
Tgt Ion:240 Resp: 382602
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 24.9 20.7 31.1



#78
Pyrene
Concen: 3.445 ng
RT: 12.928 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF127826.D
Acq: 18 Apr 2022 15:40

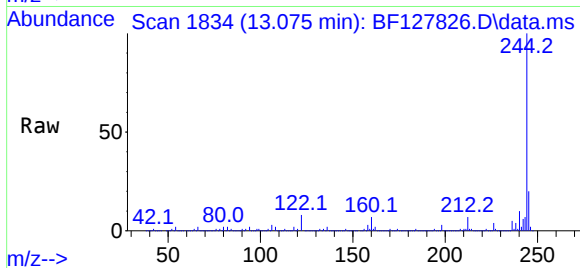
Tgt Ion:202 Resp: 111311
Ion Ratio Lower Upper
202 100
200 19.4 17.1 25.7
203 18.0 14.3 21.5





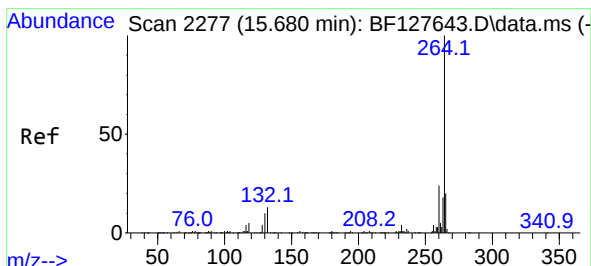
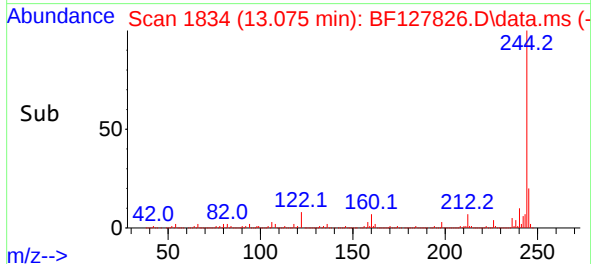
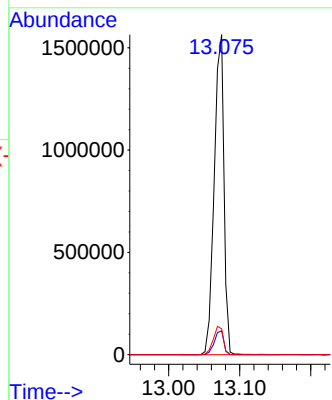
#79
 Terphenyl-d14
 Concen: 64.336 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127826.D
 Acq: 18 Apr 2022 15:40

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Tgt Ion:244 Resp: 1491270

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	8.1	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: BF127826.D
 Acq: 18 Apr 2022 15:40

Tgt Ion:264 Resp: 310256

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.6	17.4	26.2

