

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127435.D
 Acq On : 22 Mar 2022 05:11
 Operator : CG\JU
 Sample : N1958-24
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-9-8-9

Quant Time: Mar 22 05:37:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101167	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	378063	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	221257	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	409928	20.000	ng	0.00
76) Chrysene-d12	14.021	240	288969	20.000	ng	0.00
86) Perylene-d12	15.504	264	196000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	806632	127.271	ng	0.02
7) Phenol-d6	6.487	99	1028711	118.742	ng	0.00
23) Nitrobenzene-d5	7.422	82	836293	94.556	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	353223	149.864	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1389370	91.694	ng	0.00
79) Terphenyl-d14	12.969	244	1690822	95.786	ng	0.00

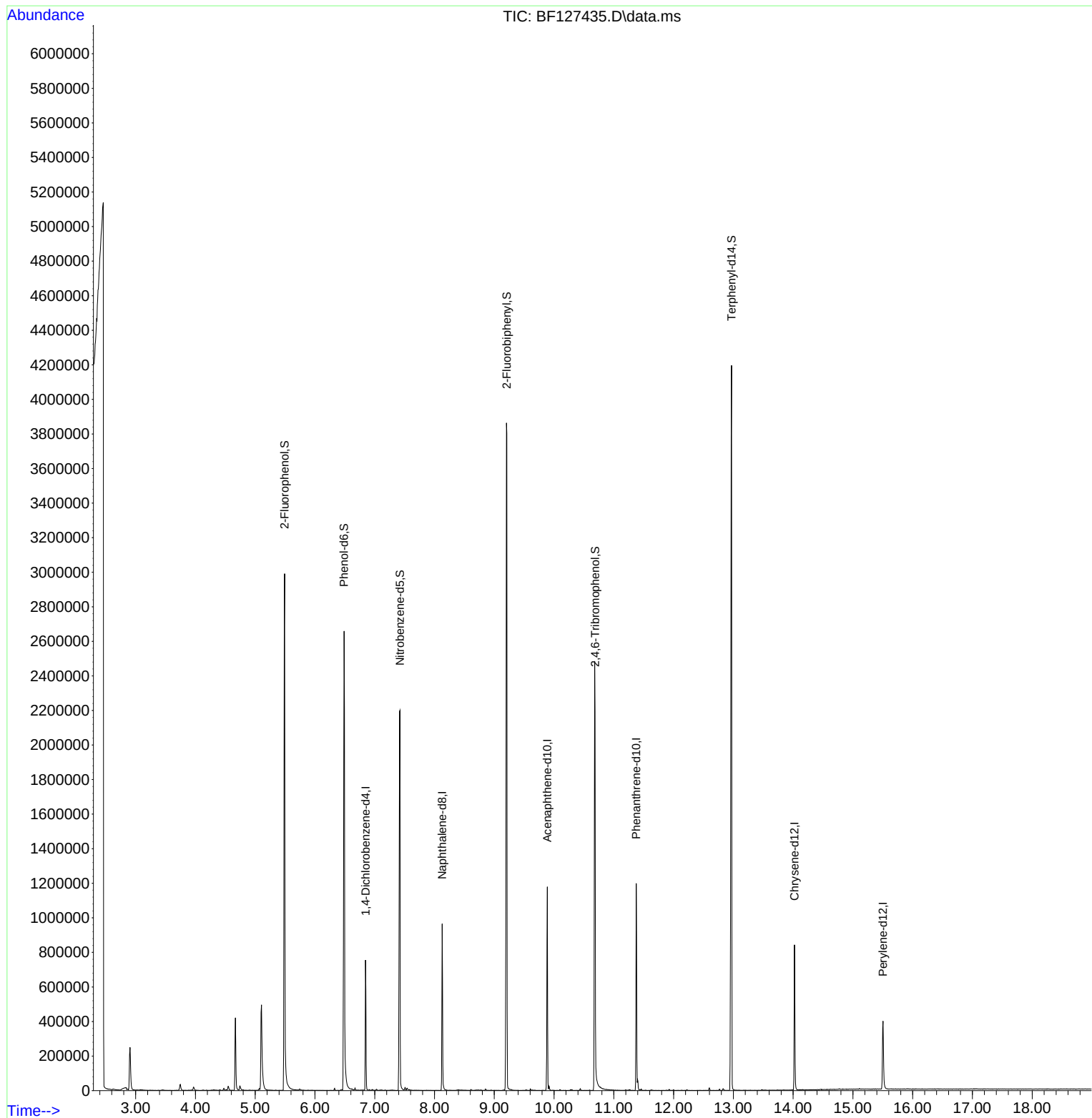
Target Compounds	Qvalue

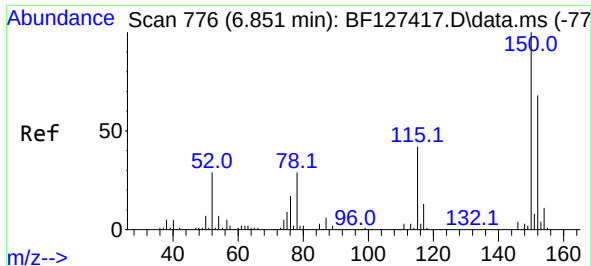
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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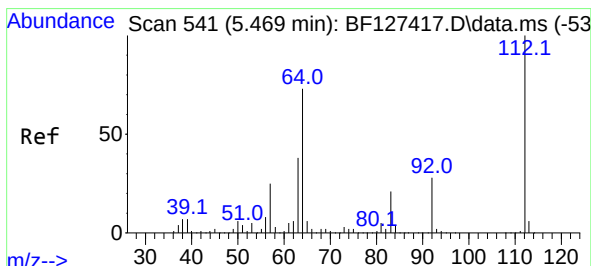
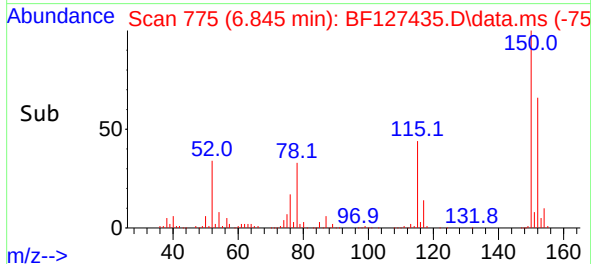
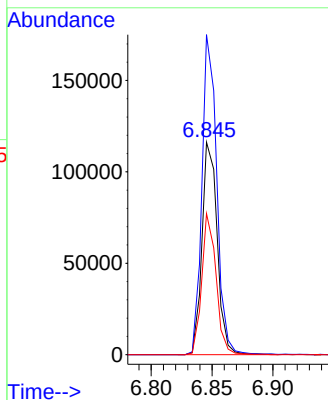
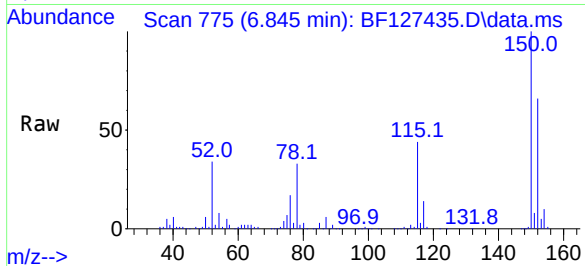




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

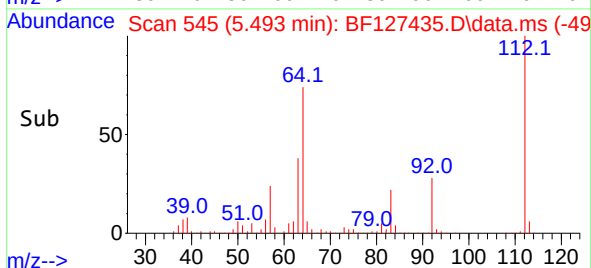
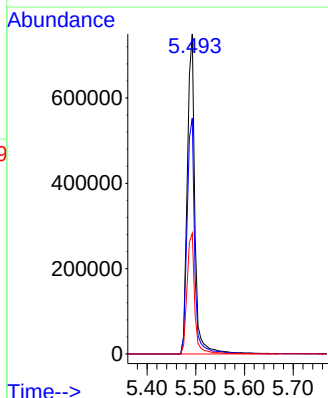
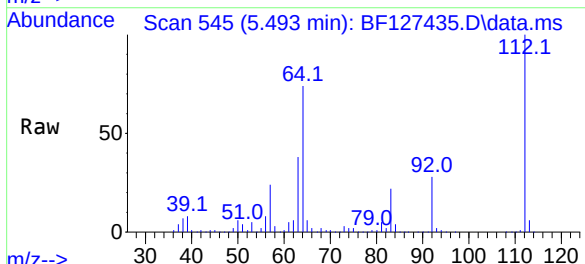
Instrument :
BNA_F
ClientSampleId :
C-9-8-9

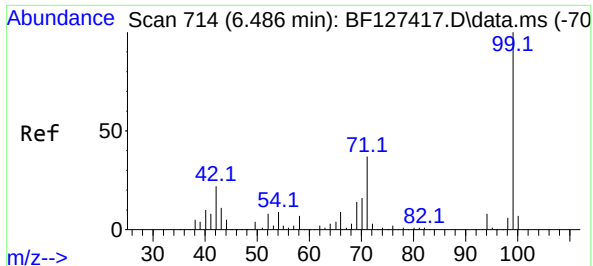
Tgt Ion:152 Resp: 101167
Ion Ratio Lower Upper
152 100
150 150.6 117.2 175.8
115 66.4 49.8 74.6



#5
2-Fluorophenol
Concen: 127.271 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

Tgt Ion:112 Resp: 806632
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 37.7 30.1 45.1





#7

Phenol-d6

Concen: 118.742 ng

RT: 6.487 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127435.D

Acq: 22 Mar 2022 05:11

Instrument :

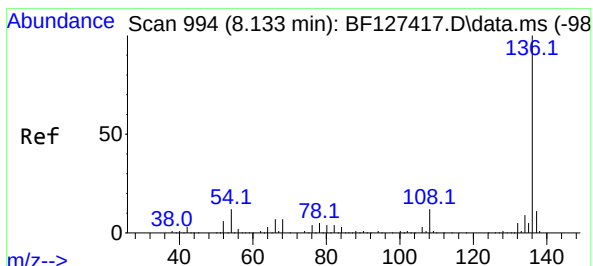
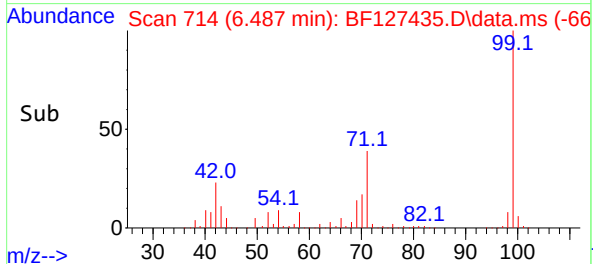
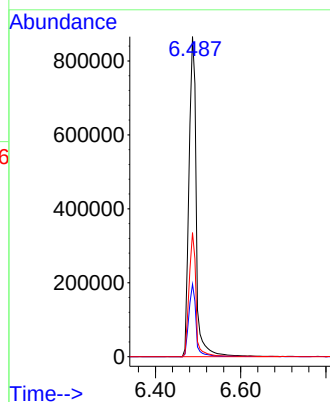
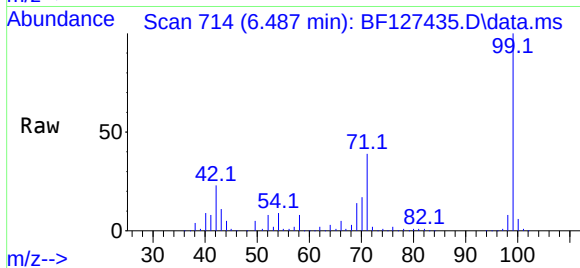
BNA_F

ClientSampleId :

C-9-8-9

Tgt Ion: 99 Resp: 1028711

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.6
71	38.8	29.6	44.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

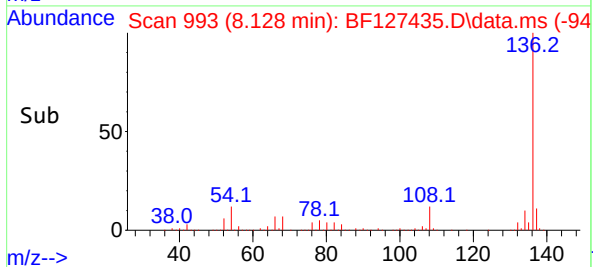
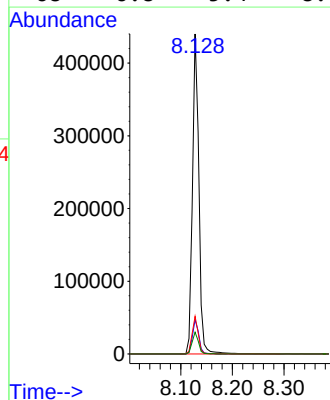
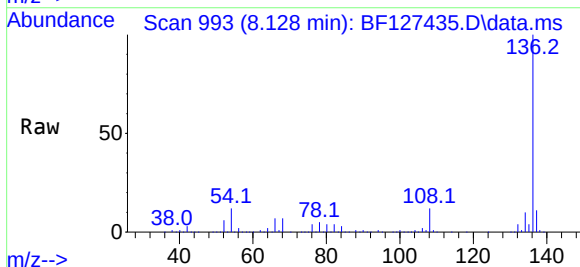
Delta R.T. -0.006 min

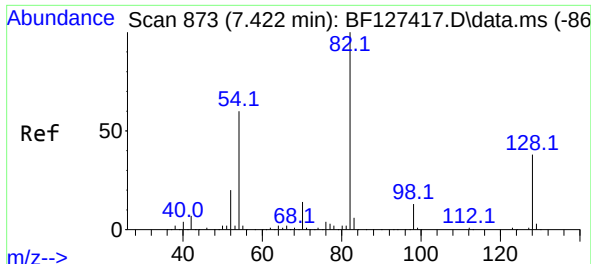
Lab File: BF127435.D

Acq: 22 Mar 2022 05:11

Tgt Ion: 136 Resp: 378063

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	11.8	9.2	13.8
68	6.8	5.4	8.0

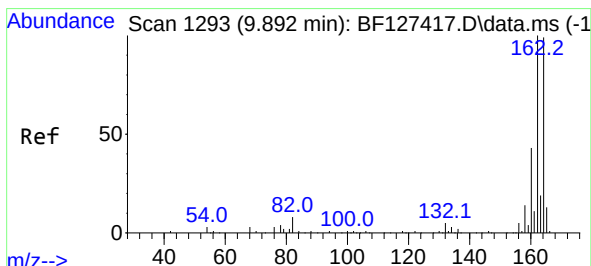
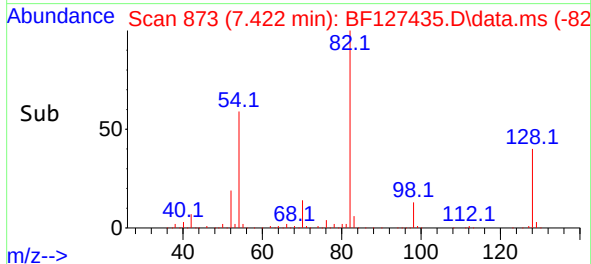
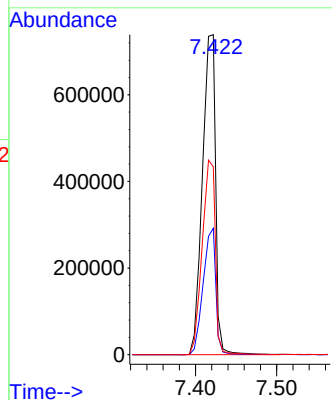
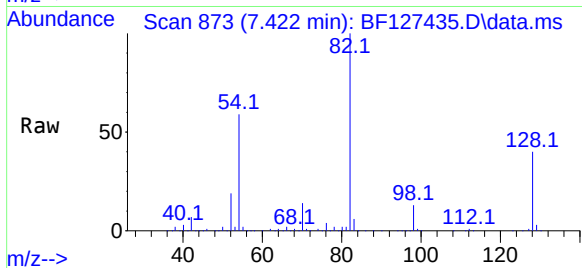




#23
Nitrobenzene-d5
Concen: 94.556 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

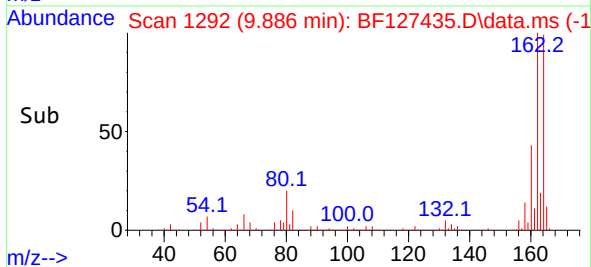
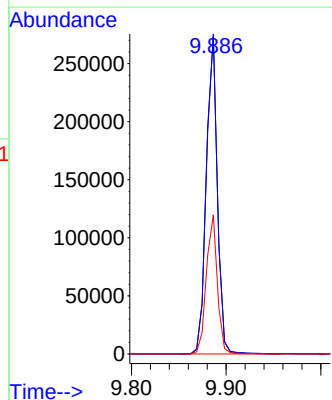
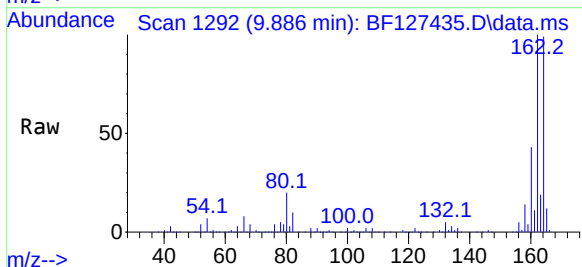
Instrument :
BNA_F
ClientSampleId :
C-9-8-9

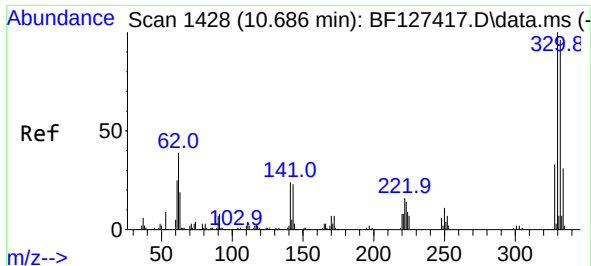
Tgt Ion: 82 Resp: 836293
Ion Ratio Lower Upper
82 100
128 39.5 30.6 45.8
54 58.7 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

Tgt Ion:164 Resp: 221257
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 43.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 149.864 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127435.D

Acq: 22 Mar 2022 05:11

Instrument :

BNA_F

ClientSampleId :

C-9-8-9

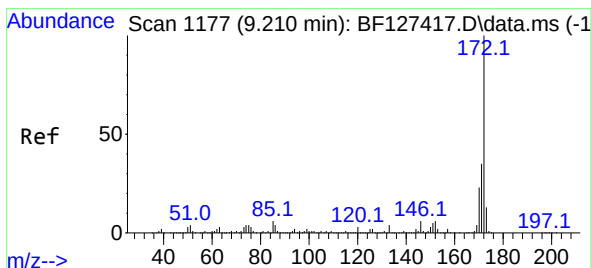
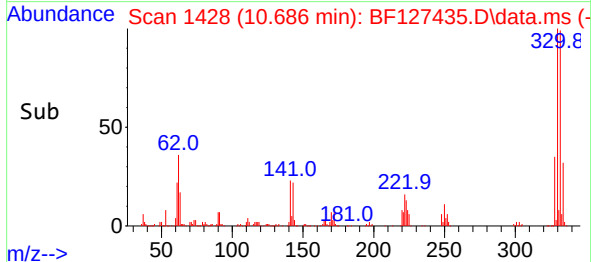
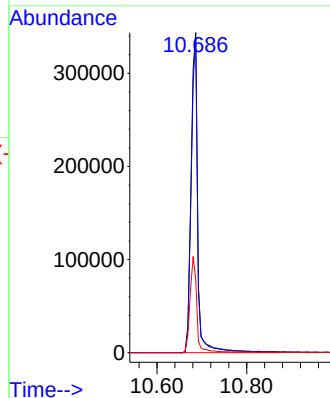
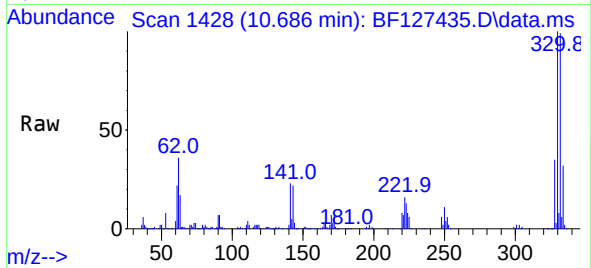
Tgt Ion:330 Resp: 353223

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

141 31.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 91.694 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127435.D

Acq: 22 Mar 2022 05:11

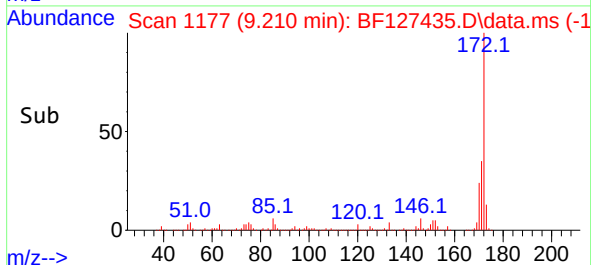
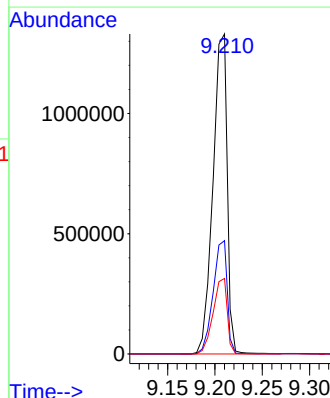
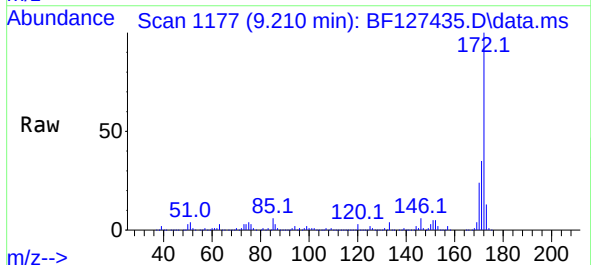
Tgt Ion:172 Resp: 1389370

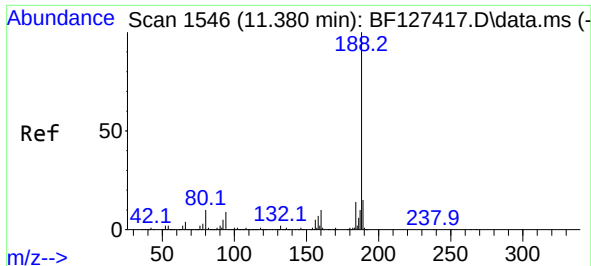
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.6 27.8

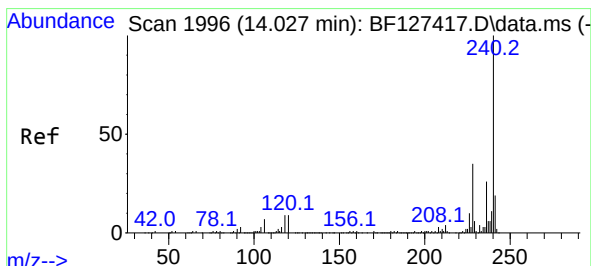
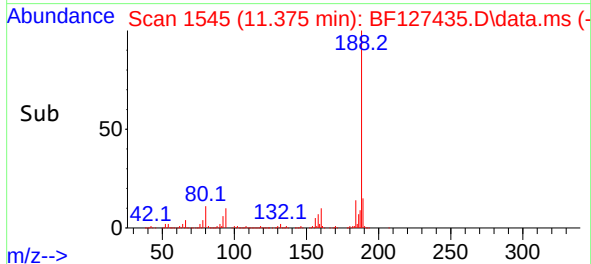
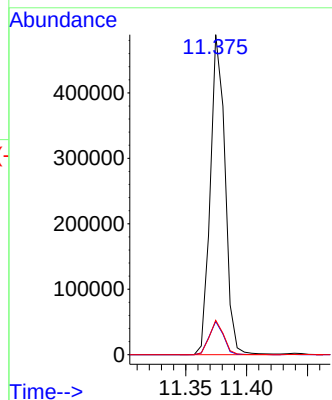
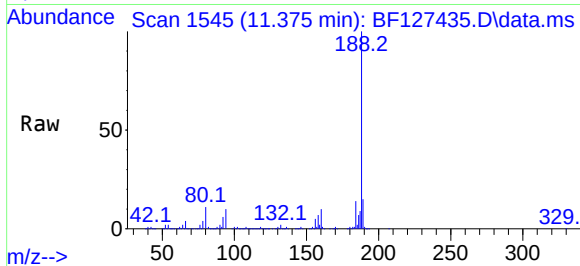




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

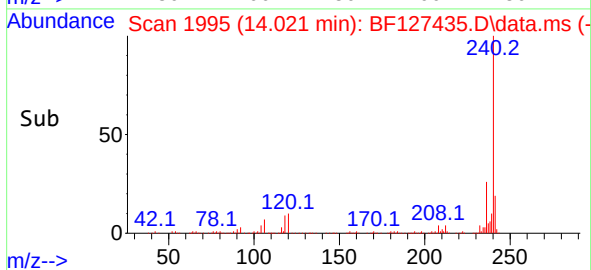
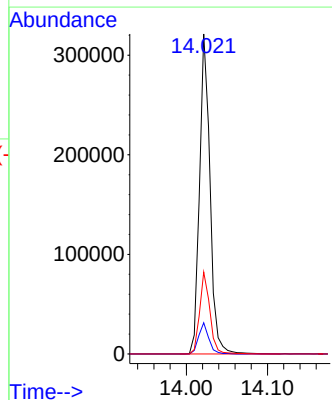
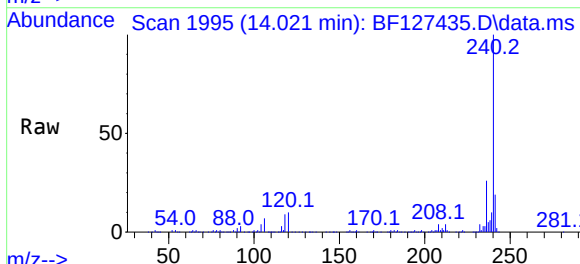
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C-9-8-9

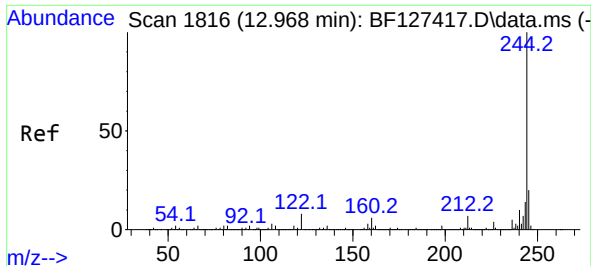
Tgt Ion:188 Resp: 409928
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 10.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127435.D
Acq: 22 Mar 2022 05:11

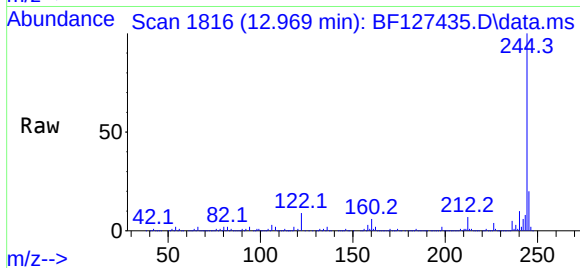
Tgt Ion:240 Resp: 288969
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.6 20.7 31.1





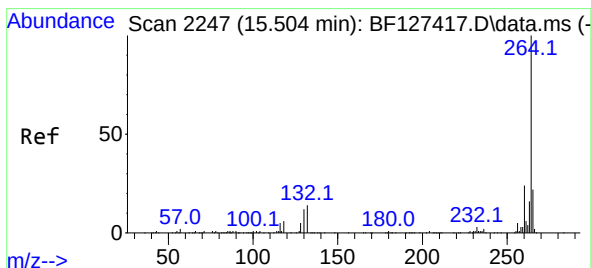
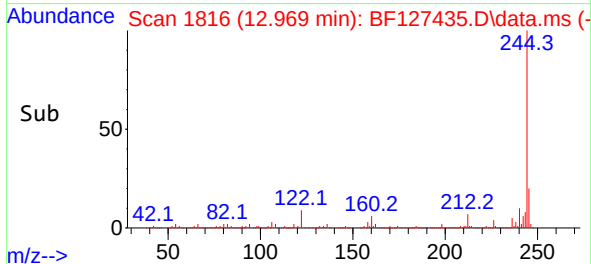
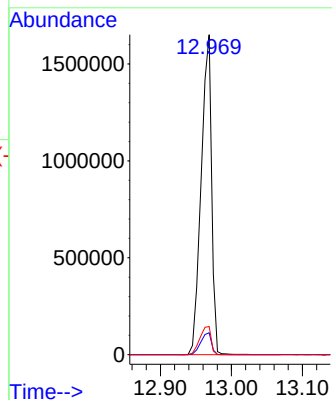
#79
 Terphenyl-d14
 Concen: 95.786 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127435.D
 Acq: 22 Mar 2022 05:11

Instrument :
 BNA_F
 ClientSampleId :
 C-9-8-9



Tgt Ion:244 Resp: 1690822

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.8	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127435.D
 Acq: 22 Mar 2022 05:11

Tgt Ion:264 Resp: 196000

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	20.8	17.4	26.2

