

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127466.D
 Acq On : 22 Mar 2022 22:10
 Operator : CG\JU
 Sample : N2011-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-E

Quant Time: Mar 23 03:03:04 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	103766	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	384441	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	231089	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	397205	20.000	ng	0.00
76) Chrysene-d12	14.021	240	221578	20.000	ng	0.00
86) Perylene-d12	15.504	264	204792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	566492	87.143	ng	0.00
7) Phenol-d6	6.481	99	821295	92.426	ng	0.00
23) Nitrobenzene-d5	7.416	82	577136	64.171	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	205378	83.430	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1023664	64.684	ng	0.00
79) Terphenyl-d14	12.963	244	1060696	78.364	ng	0.00

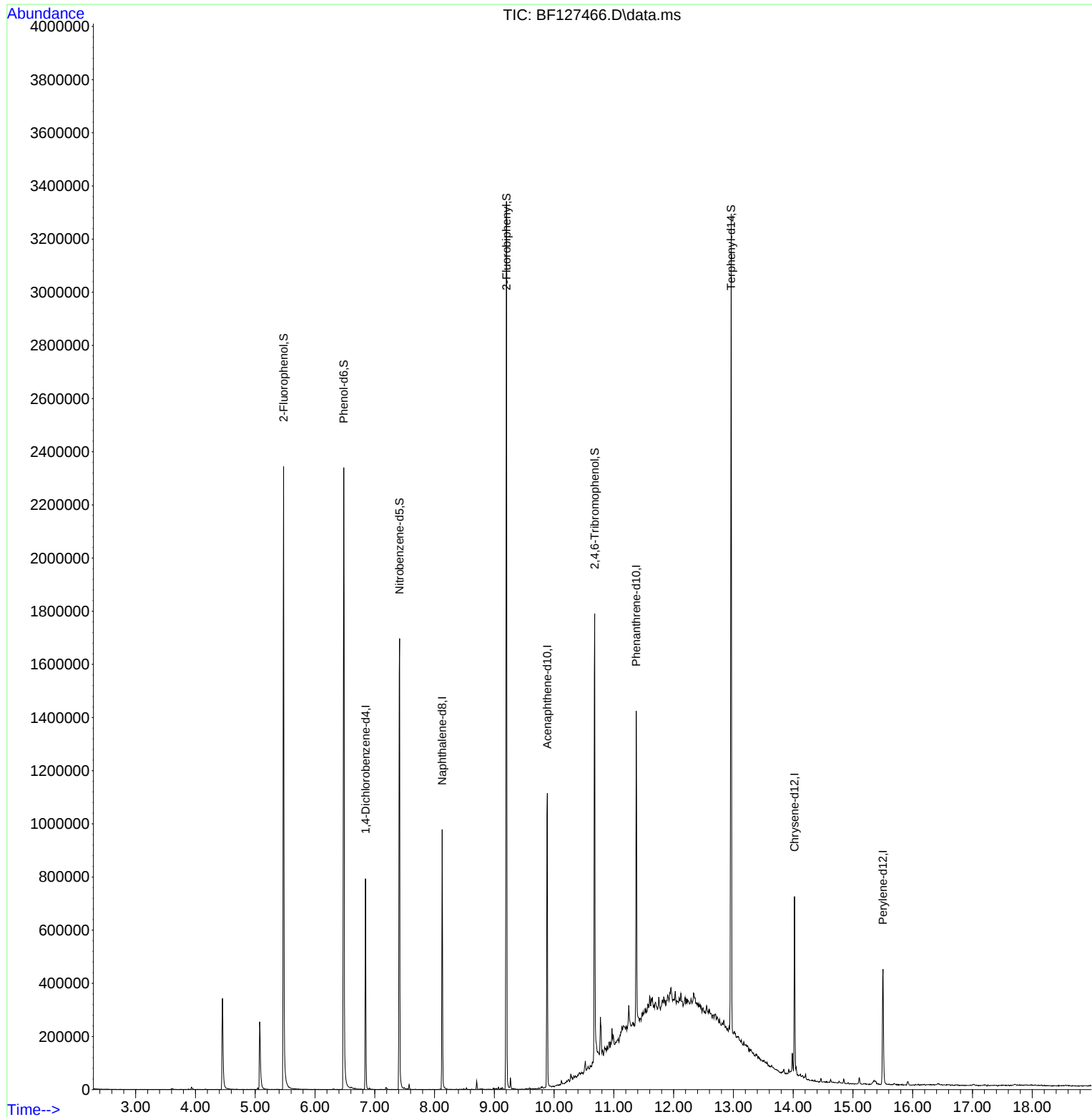
Target Compounds	Qvalue

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

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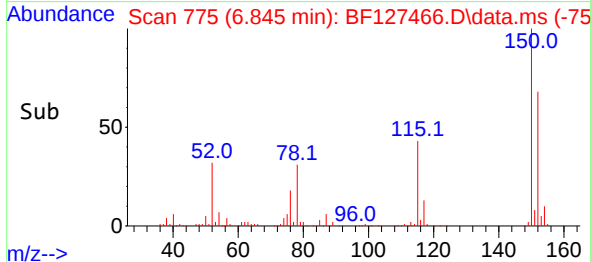
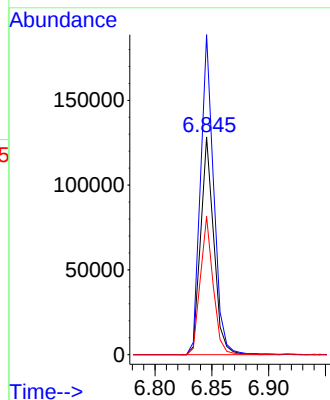
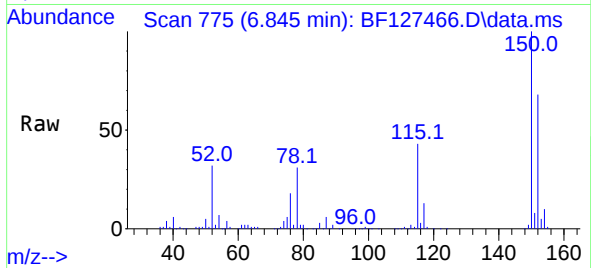




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

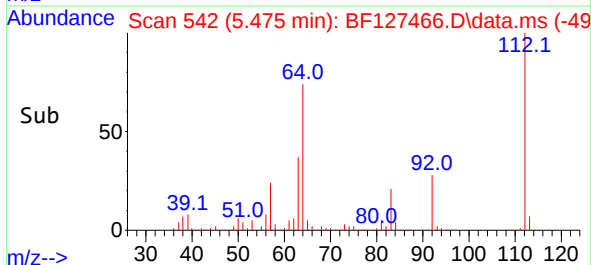
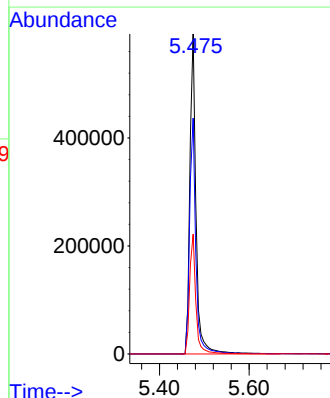
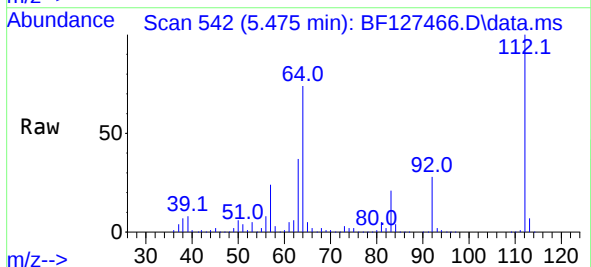
Instrument :
BNA_F
ClientSampleId :
C-E

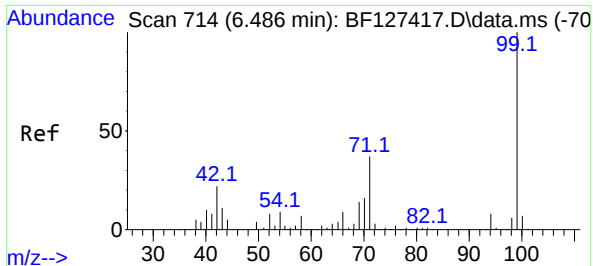
Tgt Ion:152 Resp: 103766
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 63.5 49.8 74.6



#5
2-Fluorophenol
Concen: 87.143 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:112 Resp: 566492
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 37.4 30.1 45.1

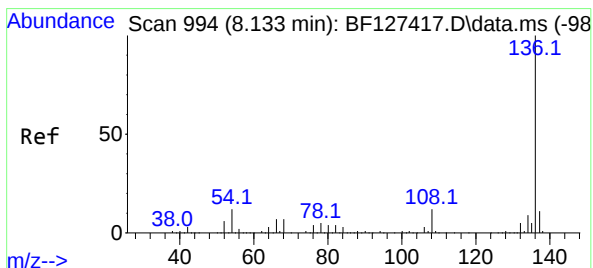
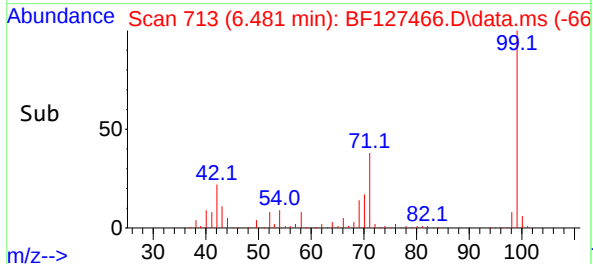
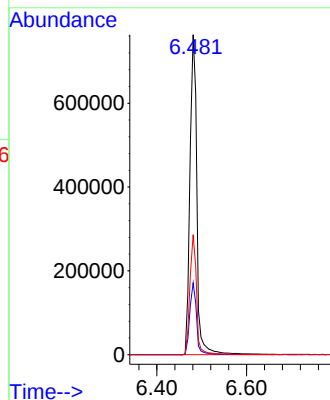
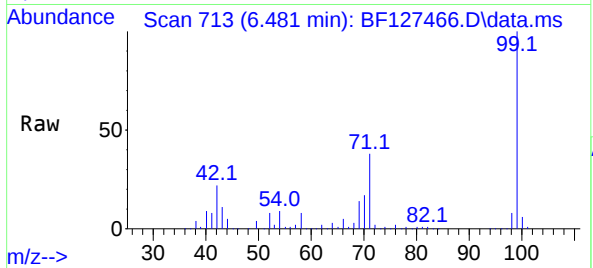




#7
Phenol-d6
Concen: 92.426 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

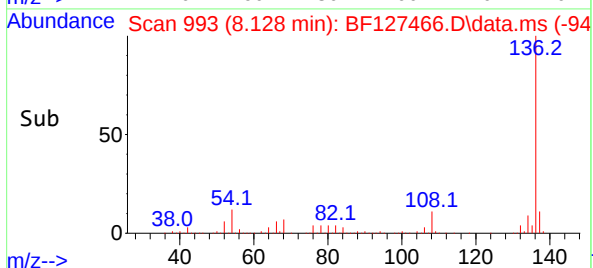
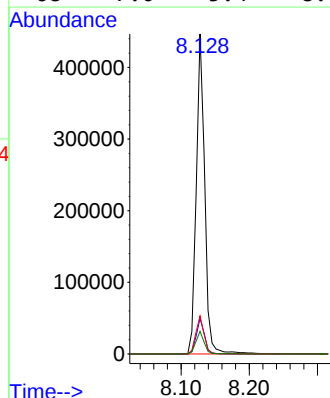
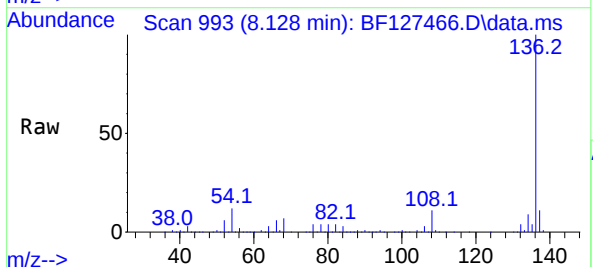
Instrument :
BNA_F
ClientSampleId :
C-E

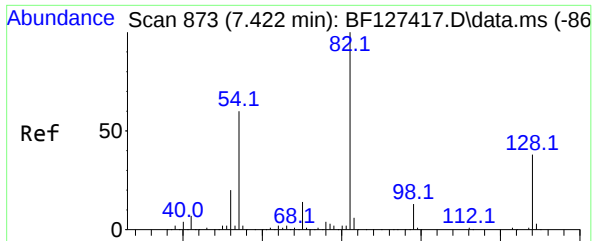
Tgt Ion: 99 Resp: 821295
Ion Ratio Lower Upper
99 100
42 22.5 17.8 26.6
71 37.5 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion: 136 Resp: 384441
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.9 9.2 13.8
68 7.0 5.4 8.0

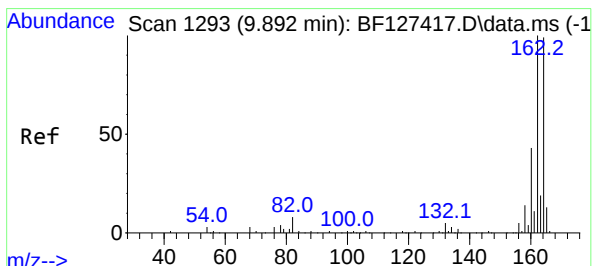
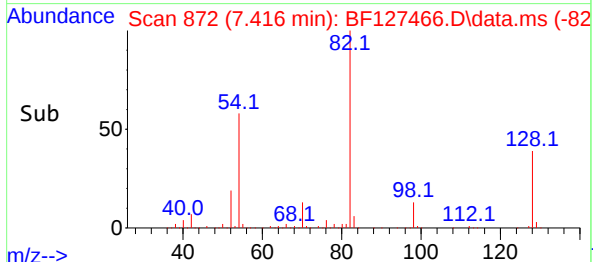
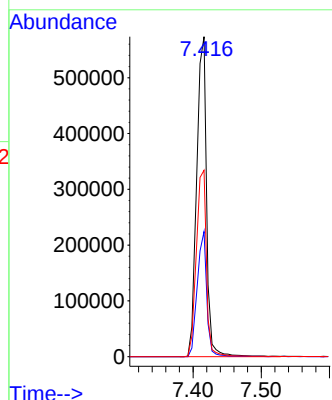
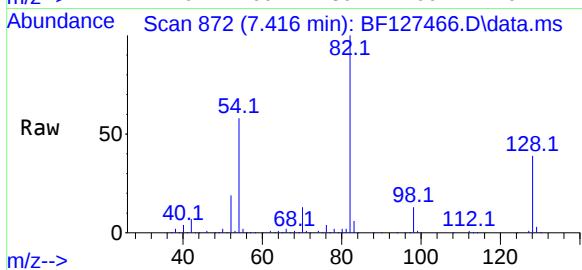




#23
Nitrobenzene-d5
Concen: 64.171 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

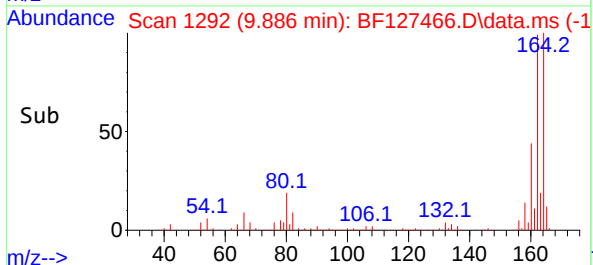
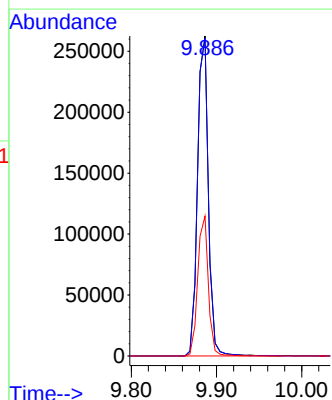
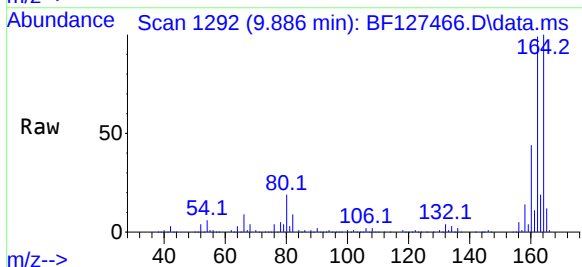
Instrument :
BNA_F
ClientSampleId :
C-E

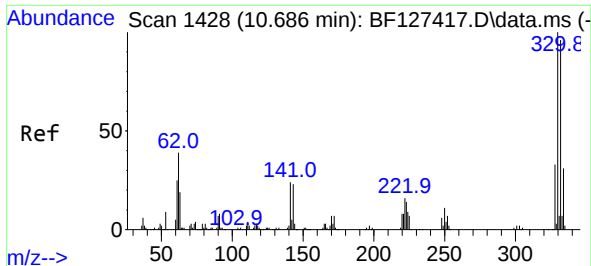
Tgt Ion: 82 Resp: 577136
Ion Ratio Lower Upper
82 100
128 39.1 30.6 45.8
54 58.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:164 Resp: 231089
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 43.7 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 83.430 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

Instrument :

BNA_F

ClientSampleId :

C-E

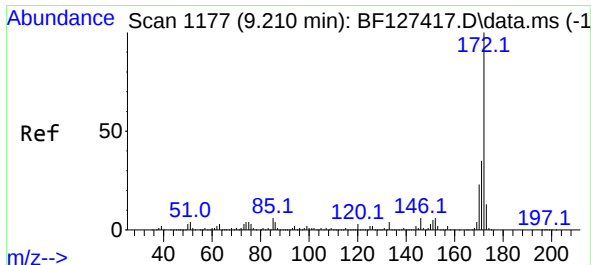
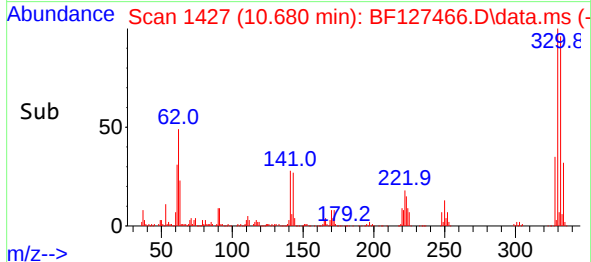
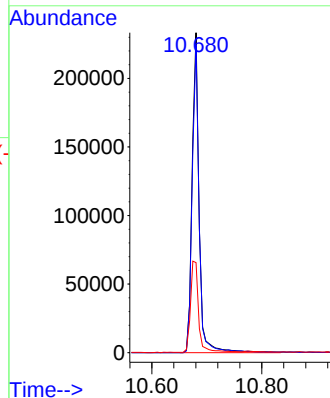
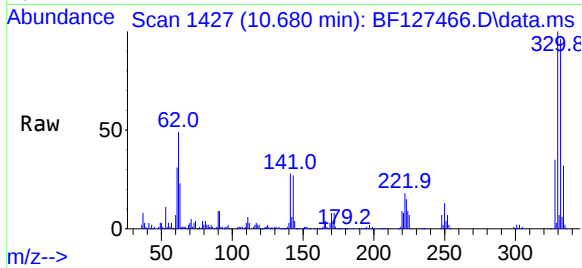
Tgt Ion:330 Resp: 205378

Ion Ratio Lower Upper

330 100

332 96.1 79.1 118.7

141 33.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 64.684 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127466.D

Acq: 22 Mar 2022 22:10

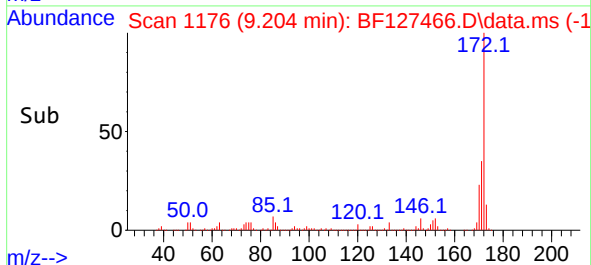
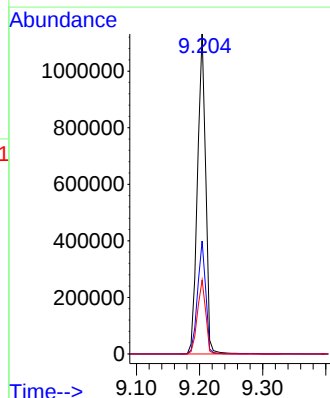
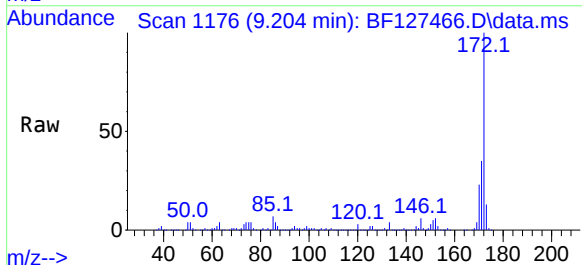
Tgt Ion:172 Resp: 1023664

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.6 27.8

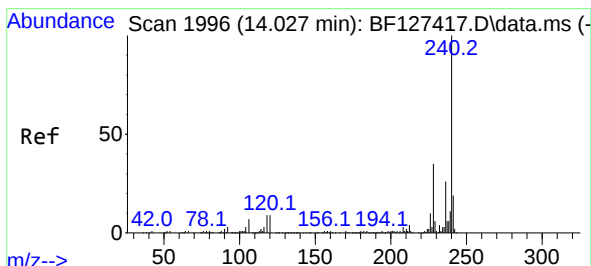
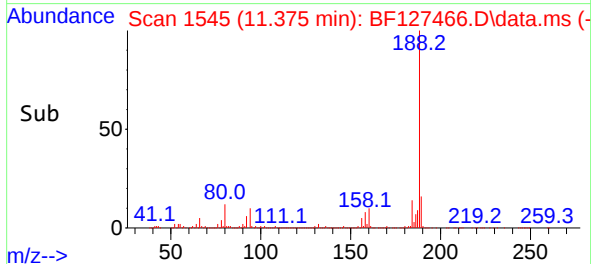
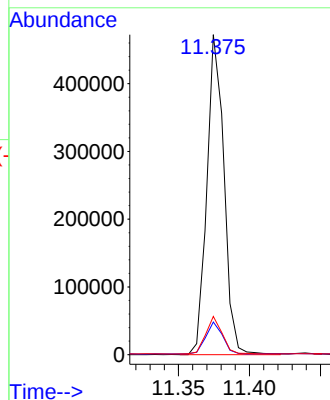
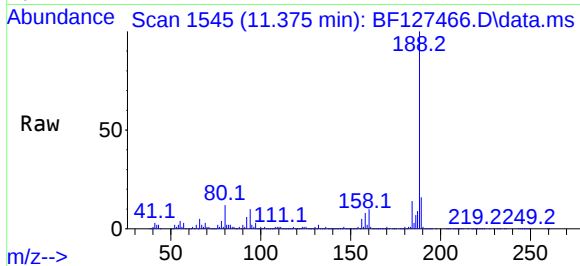




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

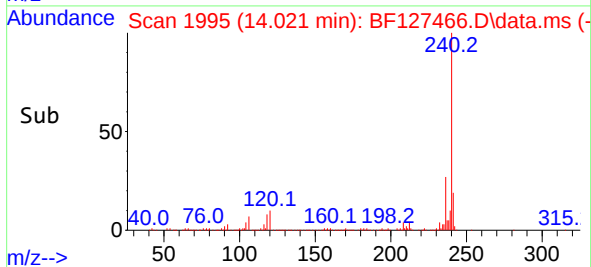
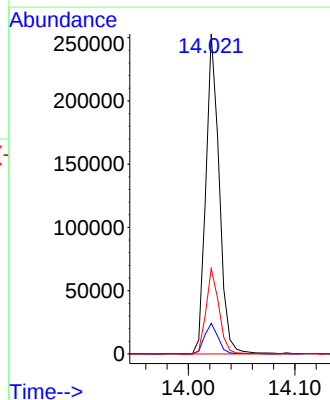
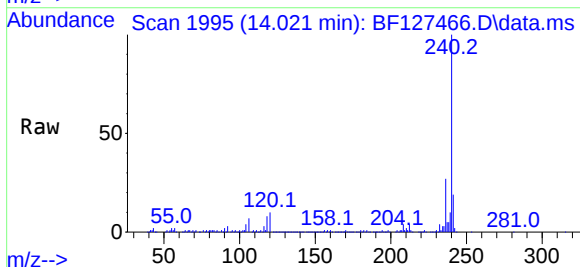
Instrument :
BNA_F
ClientSampleId :
C-E

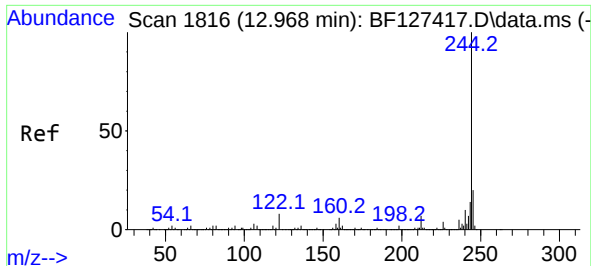
Tgt Ion:188 Resp: 397205
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127466.D
Acq: 22 Mar 2022 22:10

Tgt Ion:240 Resp: 221578
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.6 20.7 31.1

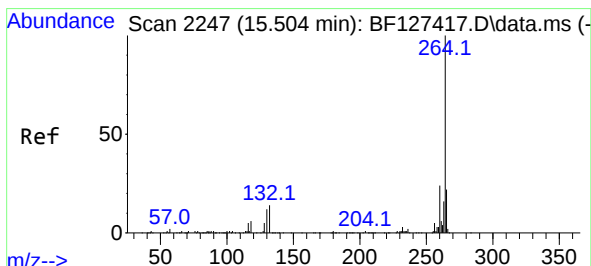
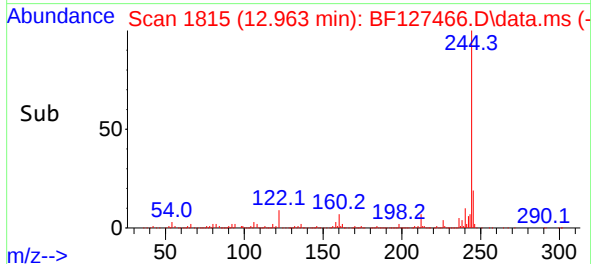
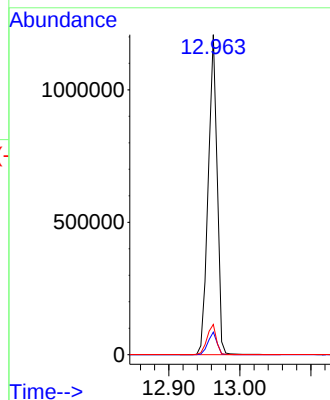
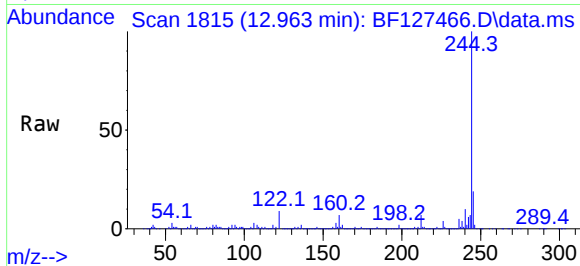




#79
 Terphenyl-d14
 Concen: 78.364 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127466.D
 Acq: 22 Mar 2022 22:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1060696
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.5 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: BF127466.D
 Acq: 22 Mar 2022 22:10

Tgt Ion:264 Resp: 204792
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.8 17.4 26.2

