

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127439.D
 Acq On : 22 Mar 2022 07:05
 Operator : CG\JU
 Sample : N1962-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-17-19-22

Quant Time: Mar 22 07:25:20 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	102283	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	384703	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	225589	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	406160	20.000	ng	0.00
76) Chrysene-d12	14.021	240	289329	20.000	ng	0.00
86) Perylene-d12	15.504	264	146418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	766453	119.612	ng	0.02
7) Phenol-d6	6.487	99	1000075	114.177	ng	0.00
23) Nitrobenzene-d5	7.416	82	759045	84.340	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	321156	133.642	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1283426	83.076	ng	0.00
79) Terphenyl-d14	12.969	244	1502787	85.027	ng	0.00

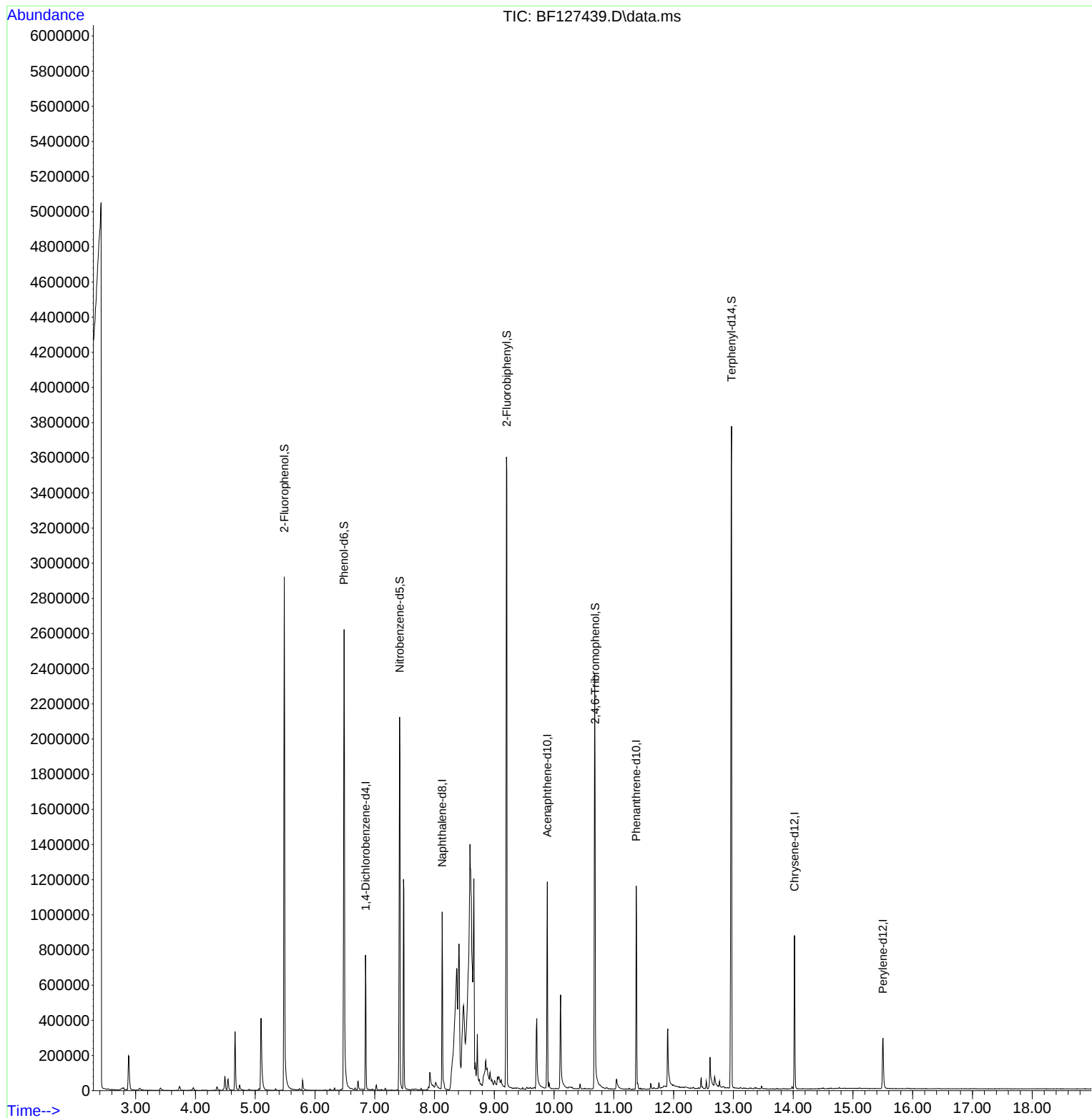
Target Compounds	Qvalue

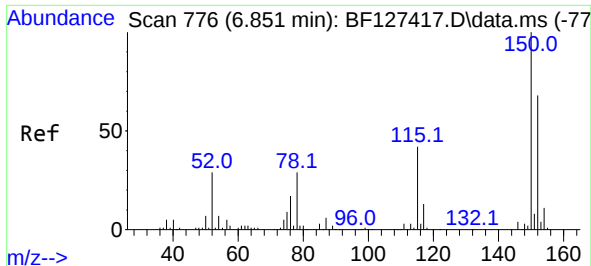
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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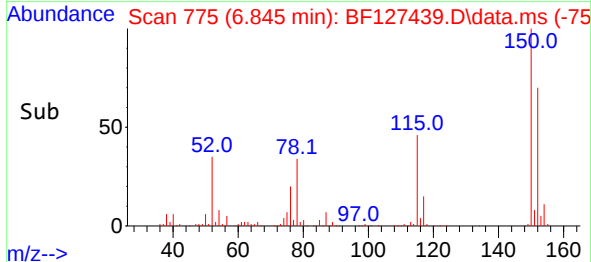
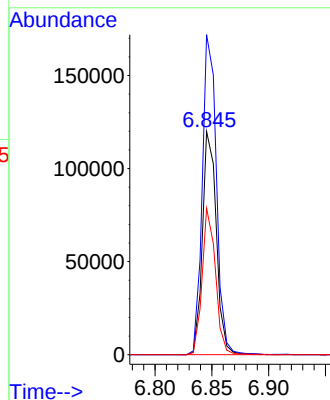
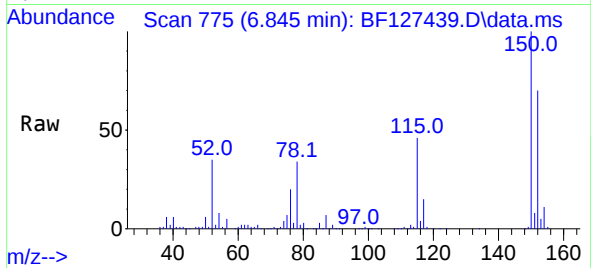




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

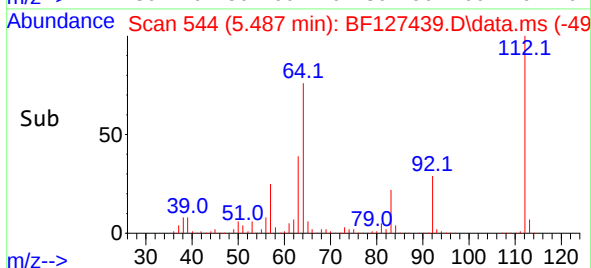
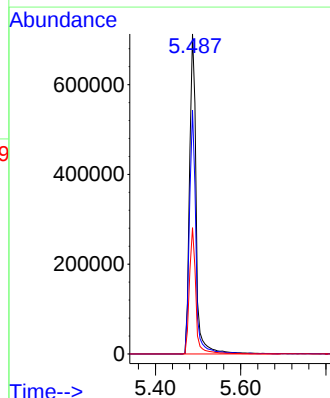
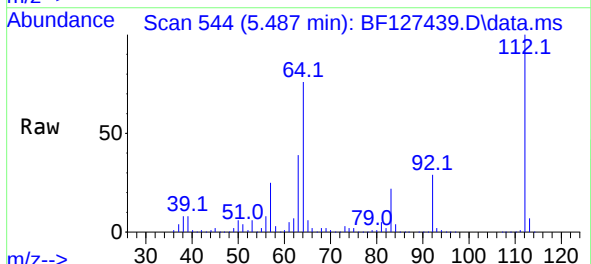
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

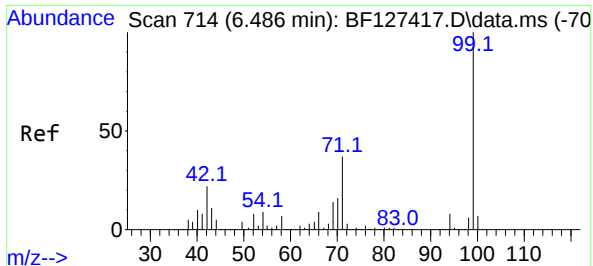
Tgt Ion:152 Resp: 102283
Ion Ratio Lower Upper
152 100
150 143.4 117.2 175.8
115 65.6 49.8 74.6



#5
2-Fluorophenol
Concen: 119.612 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

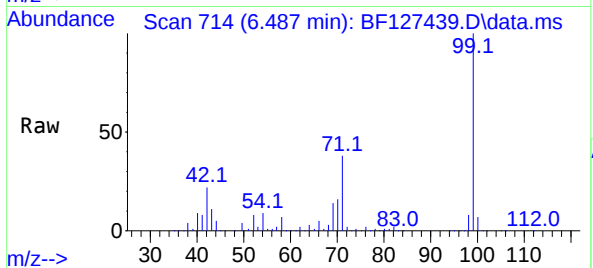
Tgt Ion:112 Resp: 766453
Ion Ratio Lower Upper
112 100
64 76.1 58.4 87.6
63 39.4 30.1 45.1





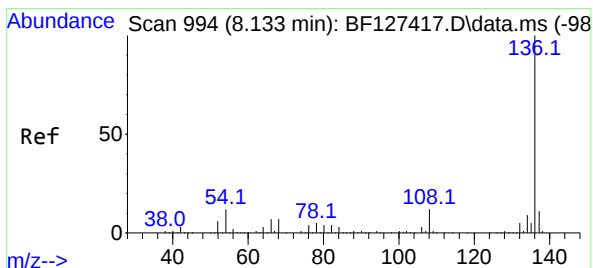
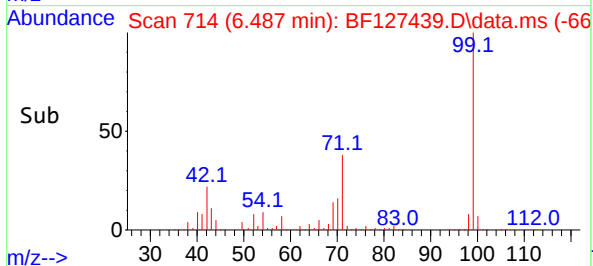
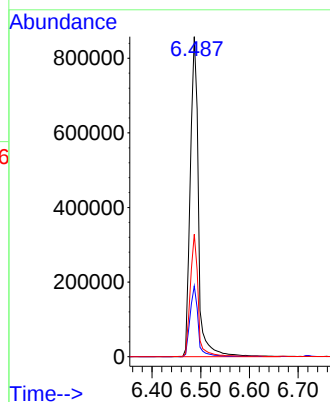
#7
Phenol-d6
Concen: 114.177 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Instrument :
BNA_F
ClientSampleId :
C-17-19-22



Tgt Ion: 99 Resp: 1000075

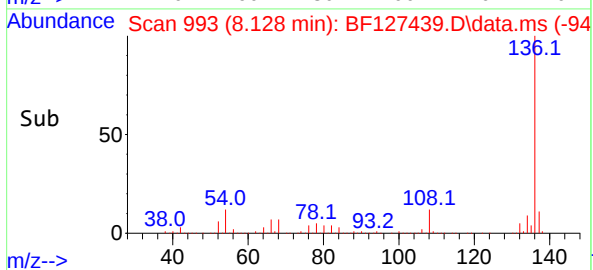
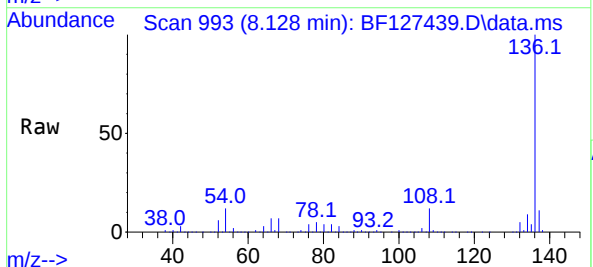
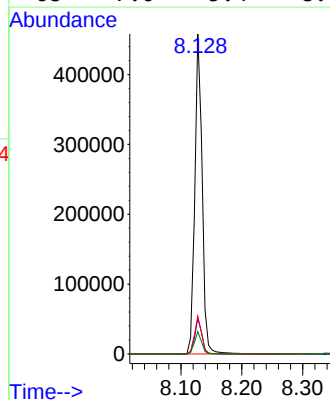
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.6
71	38.3	29.6	44.4

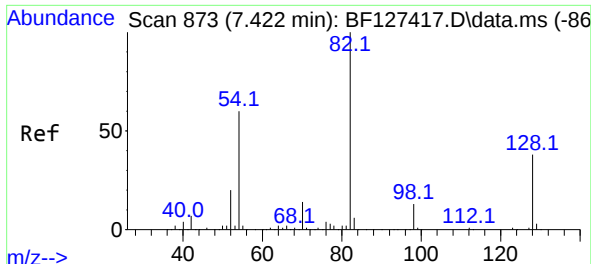


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion: 136 Resp: 384703

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	11.8	9.2	13.8
68	7.0	5.4	8.0

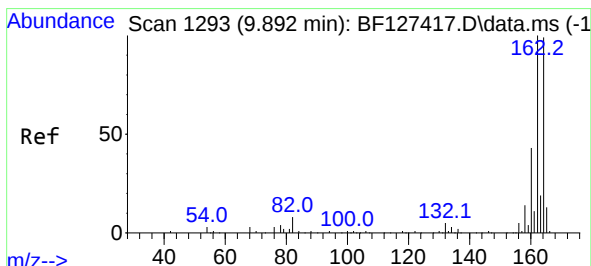
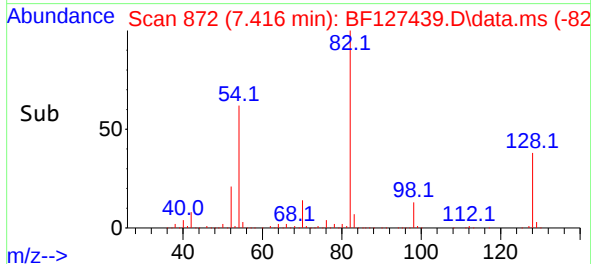
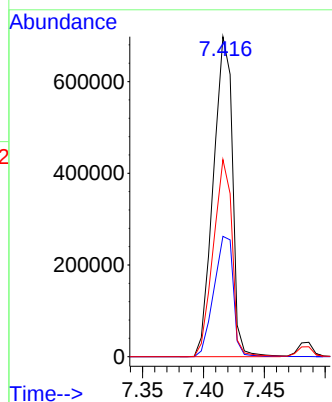
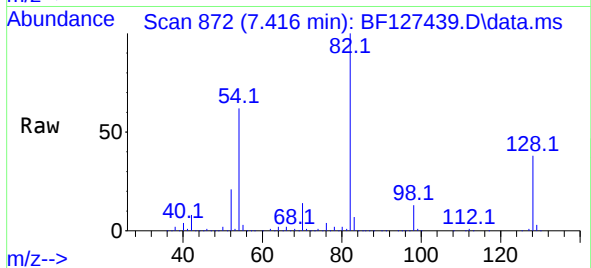




#23
Nitrobenzene-d5
Concen: 84.340 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

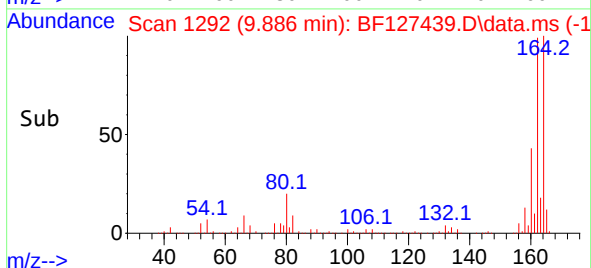
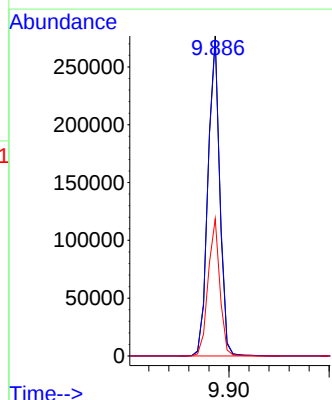
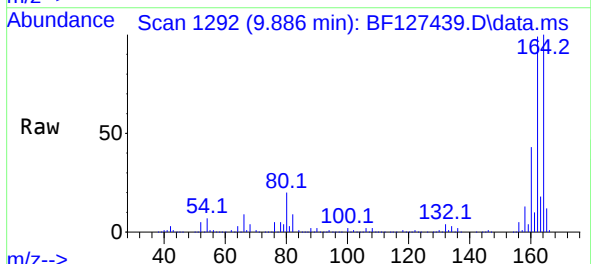
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

Tgt Ion: 82 Resp: 759045
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 61.6 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: BF127439.D
Acq: 22 Mar 2022 07:05

Tgt Ion:164 Resp: 225589
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 42.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 133.642 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

Instrument :

BNA_F

ClientSampleId :

C-17-19-22

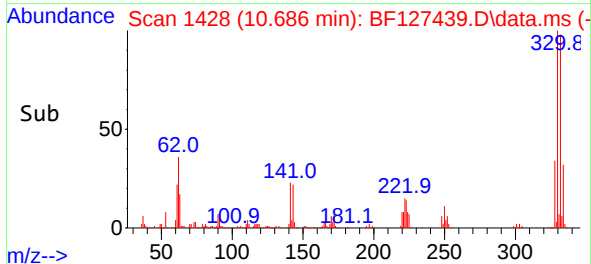
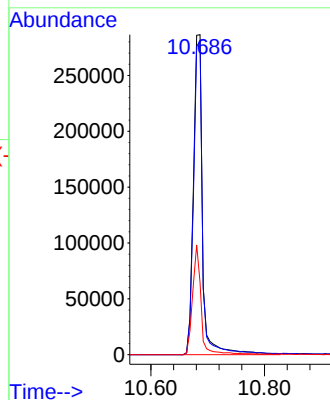
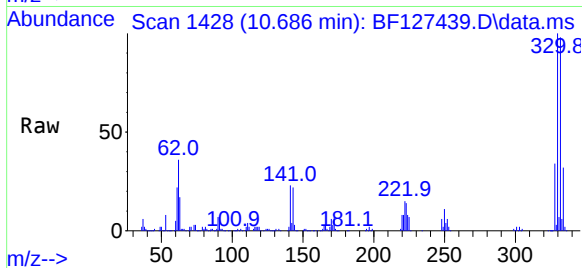
Tgt Ion:330 Resp: 321156

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 32.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 83.076 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127439.D

Acq: 22 Mar 2022 07:05

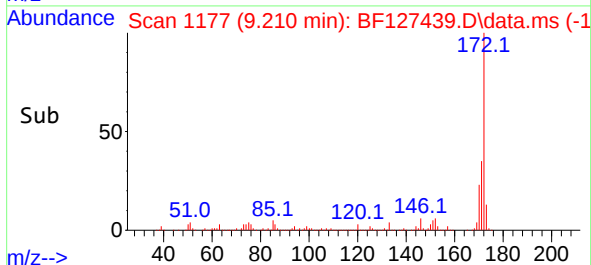
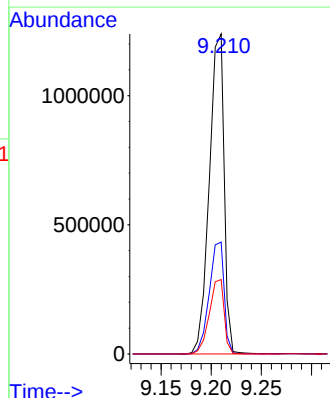
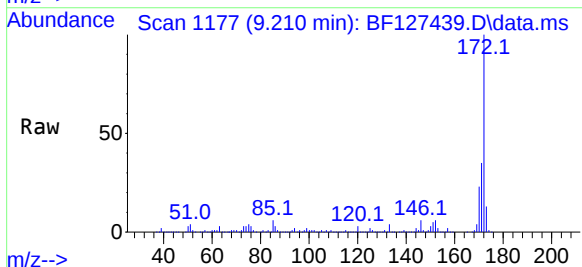
Tgt Ion:172 Resp: 1283426

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 18.6 27.8

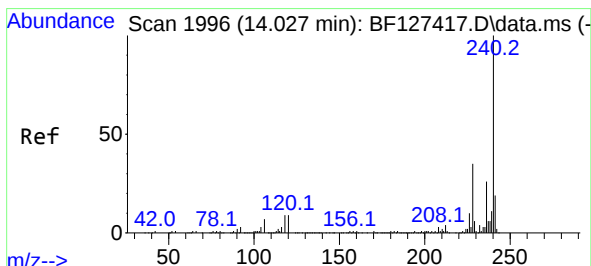
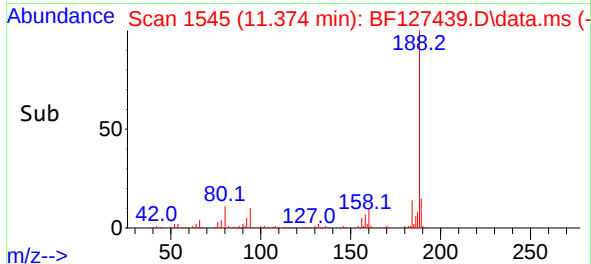
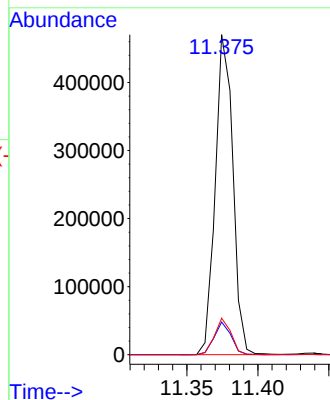
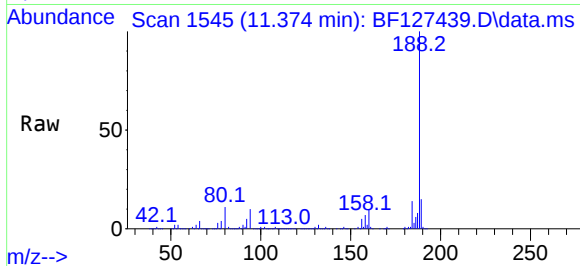




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127439.D
Acq: 22 Mar 2022 07:05

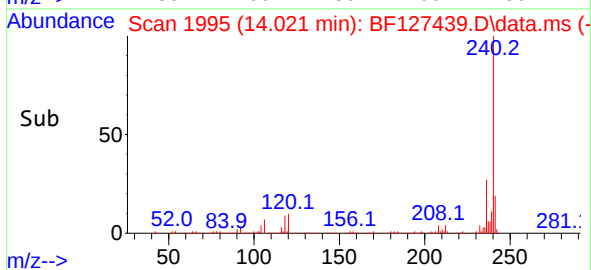
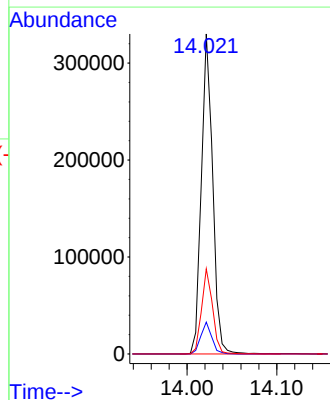
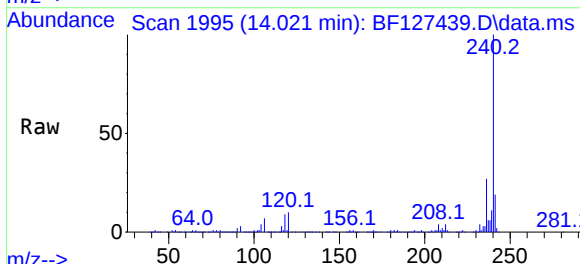
Instrument :
BNA_F
ClientSampleId :
C-17-19-22

Tgt Ion:188 Resp: 406160
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.4 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: BF127439.D
Acq: 22 Mar 2022 07:05

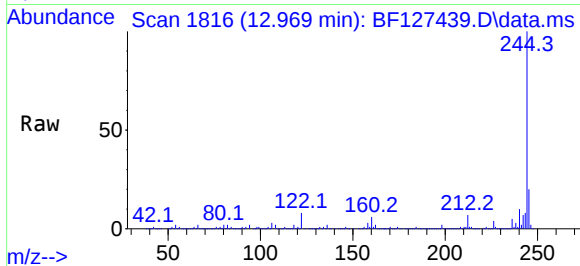
Tgt Ion:240 Resp: 289329
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.6 20.7 31.1





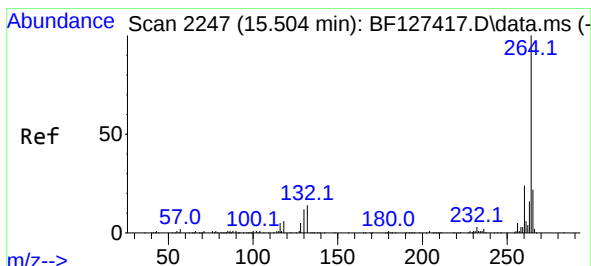
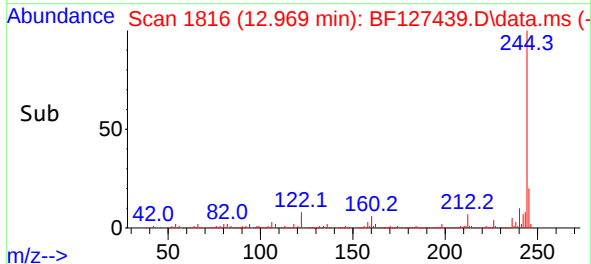
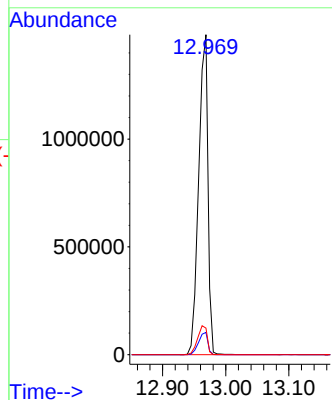
#79
 Terphenyl-d14
 Concen: 85.027 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127439.D
 Acq: 22 Mar 2022 07:05

Instrument :
 BNA_F
 ClientSampleId :
 C-17-19-22



Tgt Ion:244 Resp: 1502787

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.3	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: BF127439.D
 Acq: 22 Mar 2022 07:05

Tgt Ion:264 Resp: 146418

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.0	17.4	26.2

