

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128167.D
 Acq On : 10 May 2022 18:36
 Operator : CG\JU
 Sample : N2749-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 11 04:01:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

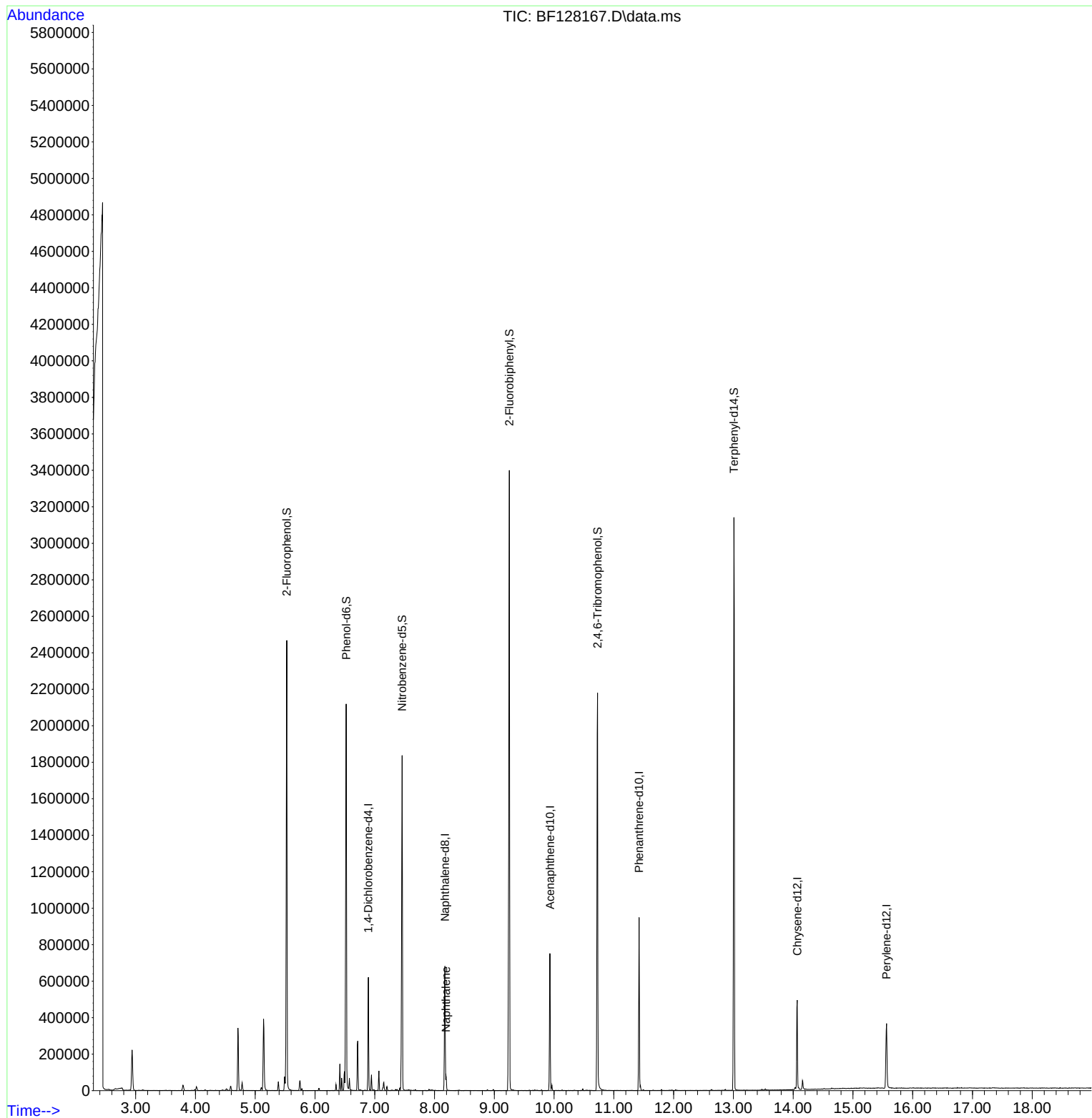
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	76670	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	296733	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	171199	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	308455	20.000	ng	0.00
76) Chrysene-d12	14.068	240	172920	20.000	ng	-0.01
86) Perylene-d12	15.562	264	175562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	617038	128.296	ng	0.01
7) Phenol-d6	6.522	99	718800	112.995	ng	0.00
23) Nitrobenzene-d5	7.457	82	641074	97.212	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	277432	141.299	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1064809	97.319	ng	0.00
79) Terphenyl-d14	13.010	244	1152651	125.078	ng	0.00
Target Compounds						
31) Naphthalene	8.192	128	29948	2.044	ng	99

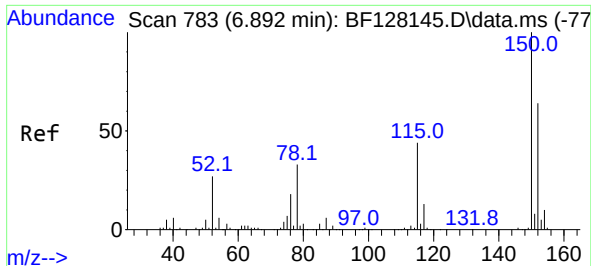
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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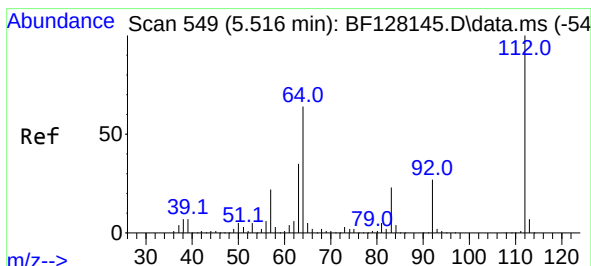
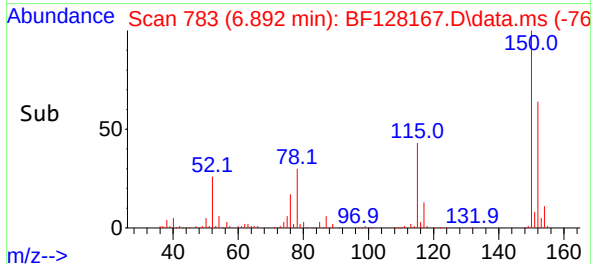
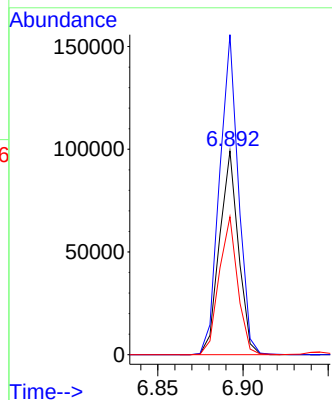
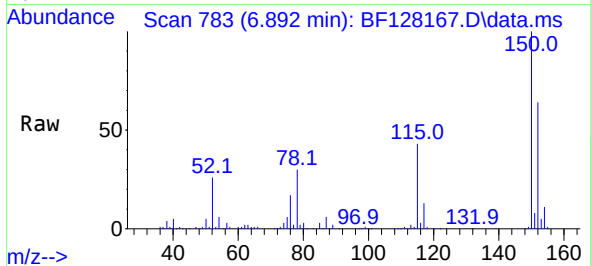




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

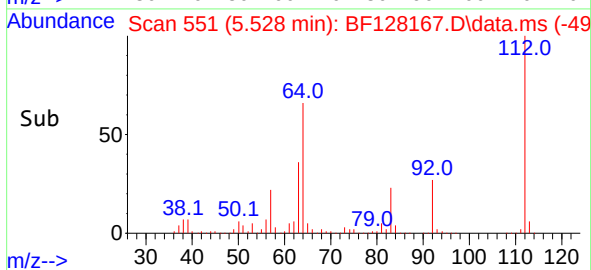
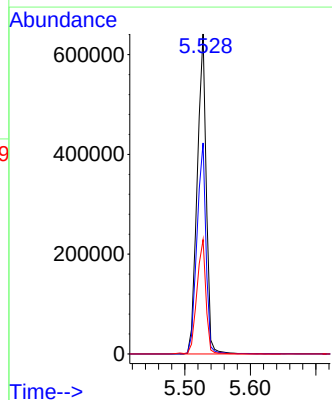
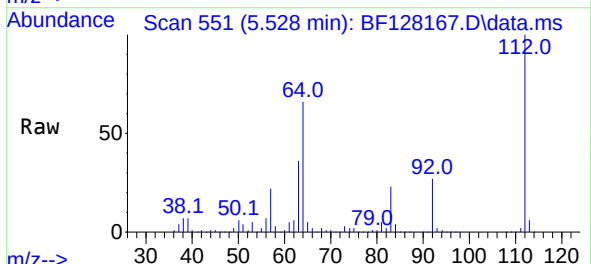
Instrument :
BNA_F
ClientSampleId :
TP-1

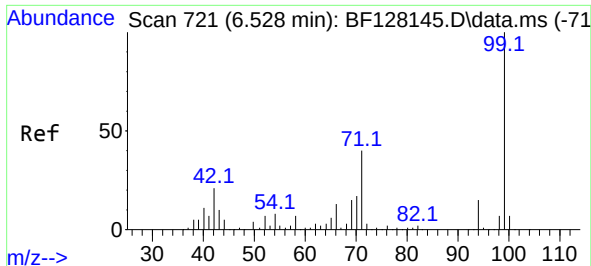
Tgt Ion:152 Resp: 76670
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 67.7 48.8 73.2



#5
2-Fluorophenol
Concen: 128.296 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:112 Resp: 617038
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 35.8 26.3 39.5

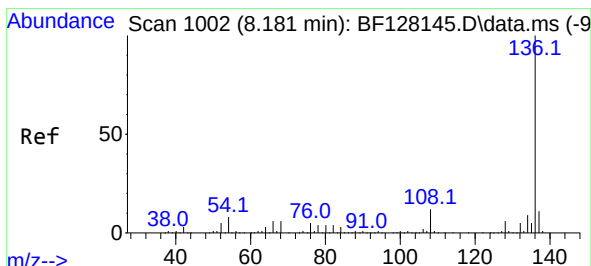
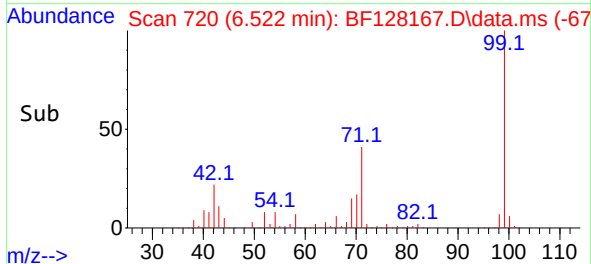
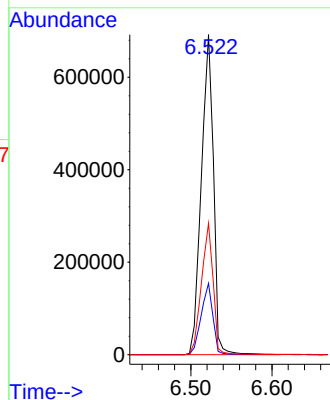
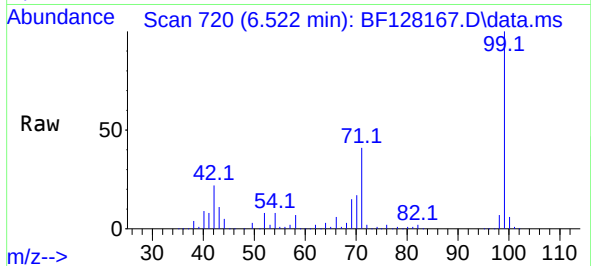




#7
Phenol-d6
Concen: 112.995 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

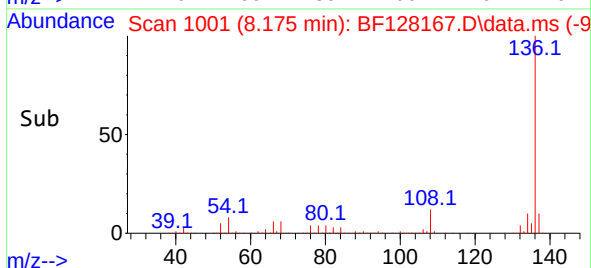
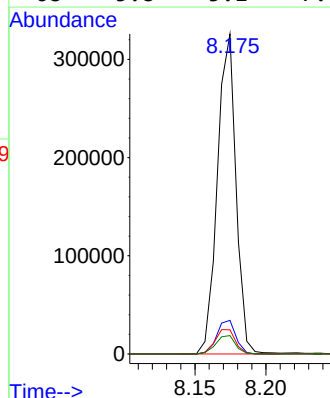
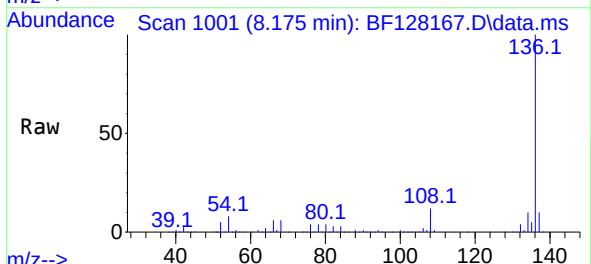
Instrument :
BNA_F
ClientSampleId :
TP-1

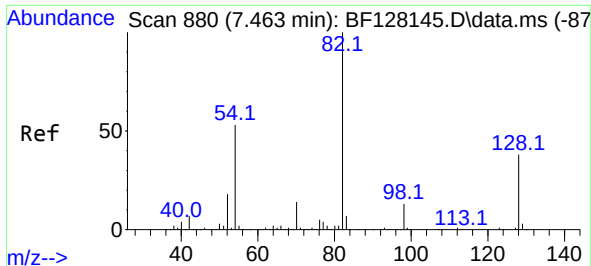
Tgt Ion: 99 Resp: 718800
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.0 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:136 Resp: 296733
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.6 6.8 10.2
68 5.8 5.1 7.7

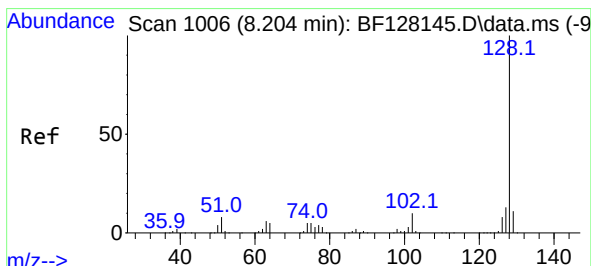
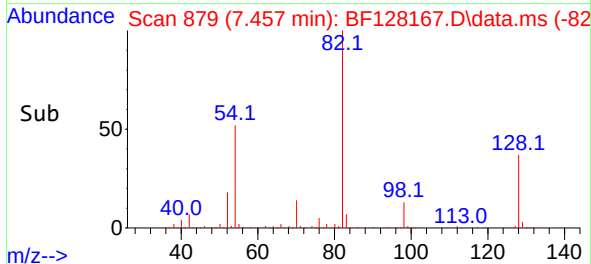
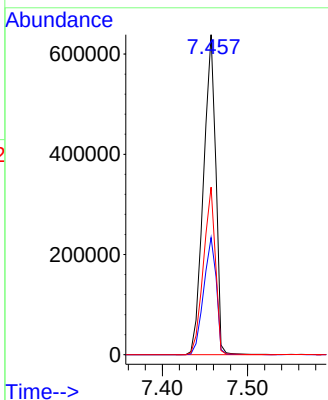
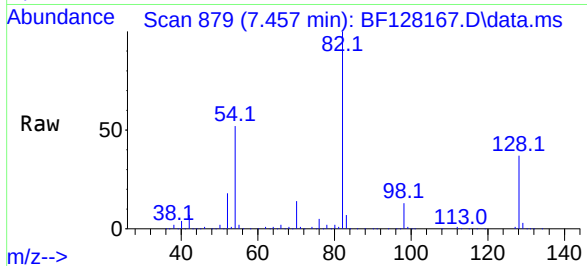




#23
Nitrobenzene-d5
Concen: 97.212 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

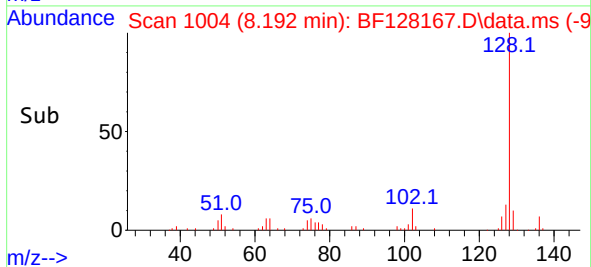
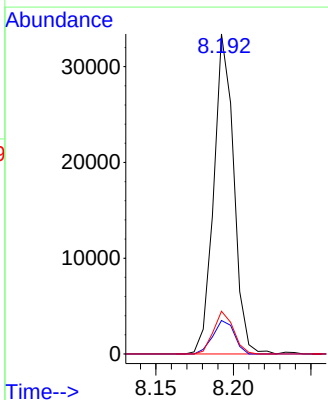
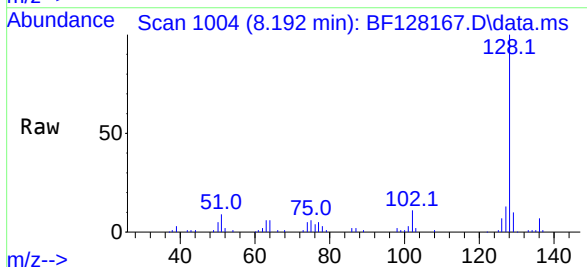
Instrument :
BNA_F
ClientSampleId :
TP-1

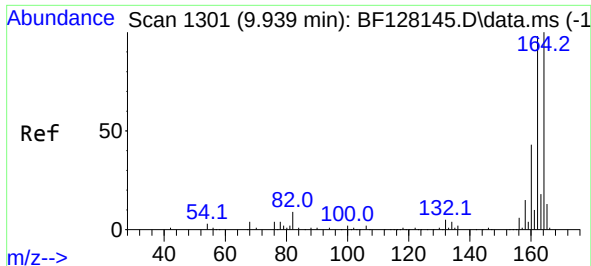
Tgt Ion: 82 Resp: 641074
Ion Ratio Lower Upper
82 100
128 36.6 30.0 45.0
54 52.4 41.3 61.9



#31
Naphthalene
Concen: 2.044 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion: 128 Resp: 29948
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.4 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

Instrument :

BNA_F

ClientSampleId :

TP-1

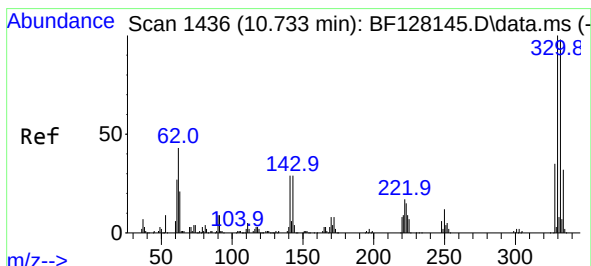
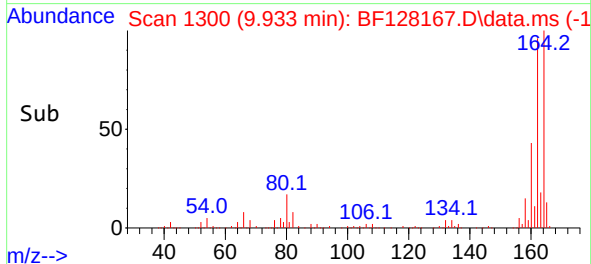
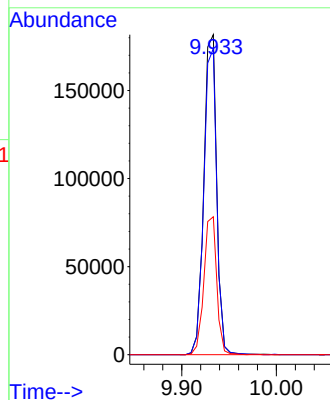
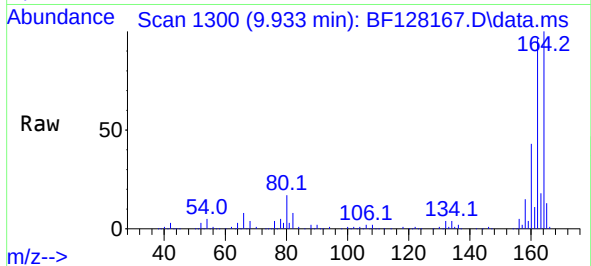
Tgt Ion:164 Resp: 171199

Ion Ratio Lower Upper

164 100

162 95.6 76.0 114.0

160 43.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 141.299 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

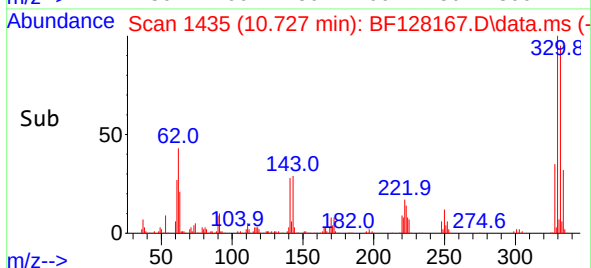
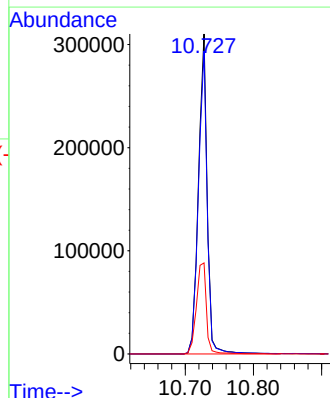
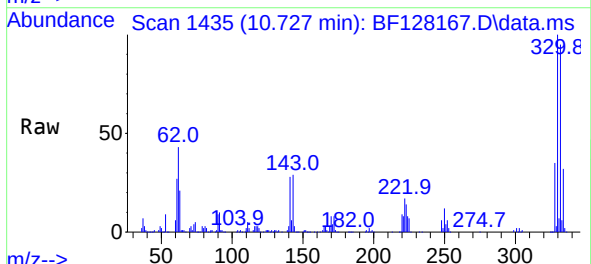
Tgt Ion:330 Resp: 277432

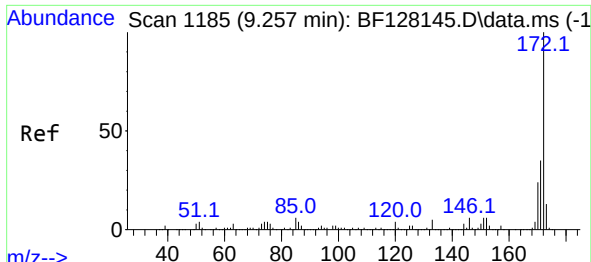
Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 32.5 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 97.319 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

Instrument :

BNA_F

ClientSampleId :

TP-1

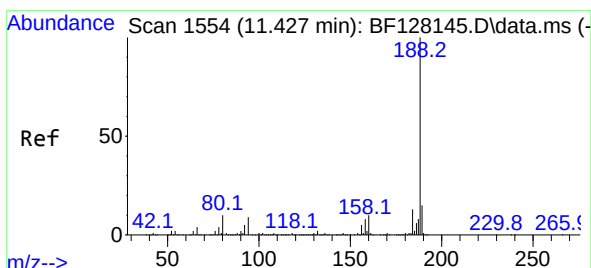
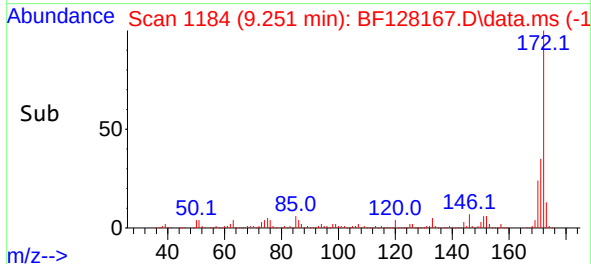
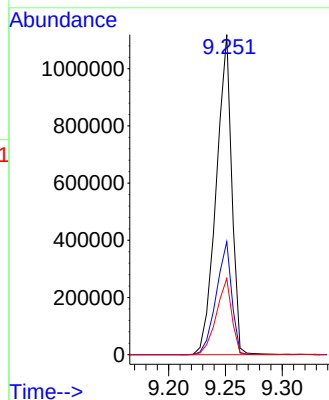
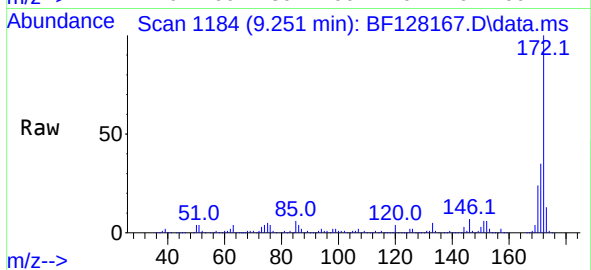
Tgt Ion:172 Resp: 1064809

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

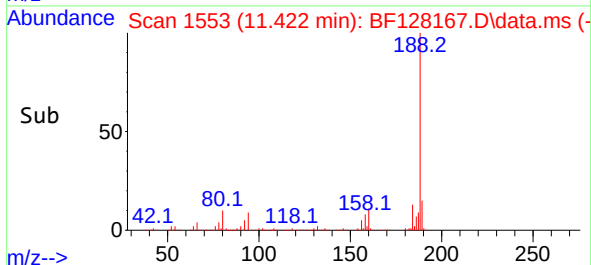
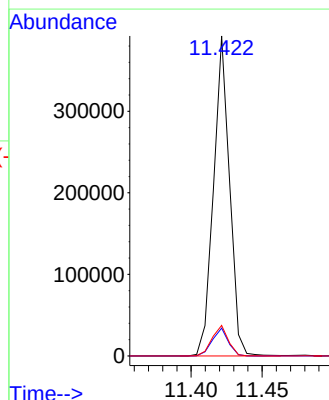
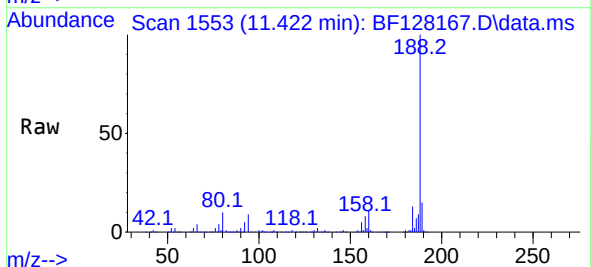
Tgt Ion:188 Resp: 308455

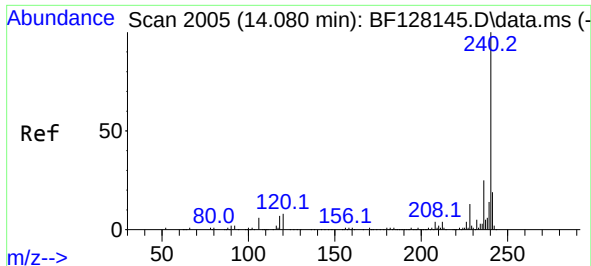
Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.6 8.9 13.3

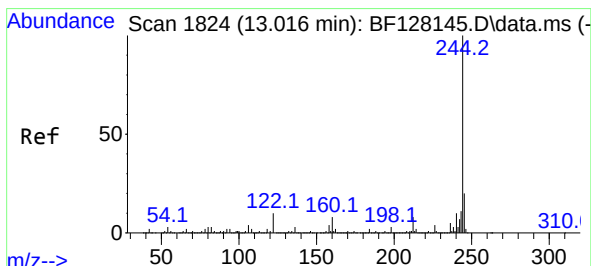
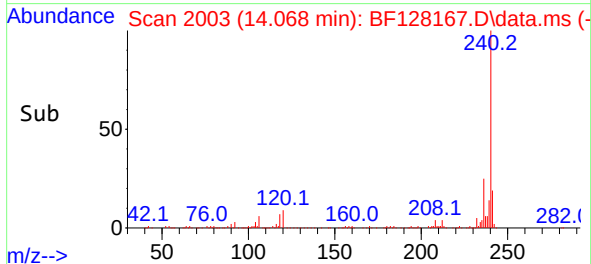
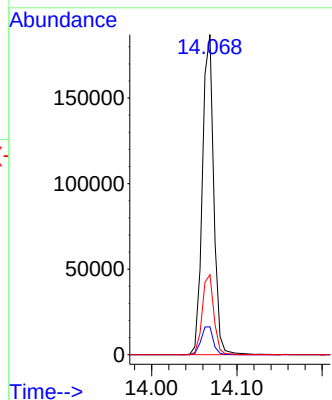
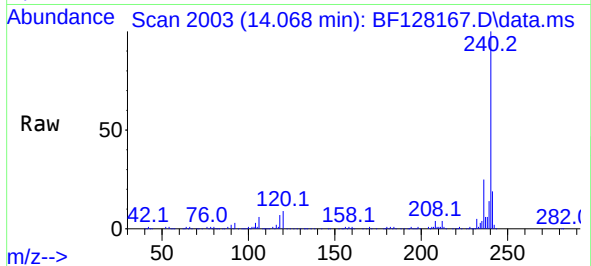




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

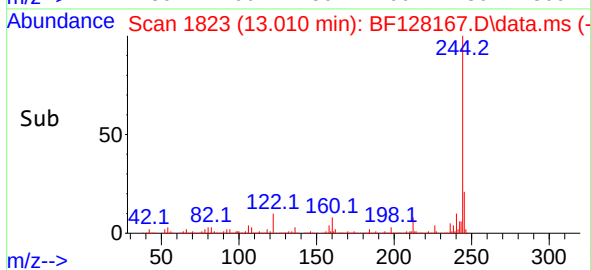
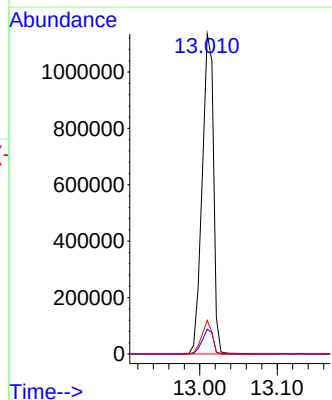
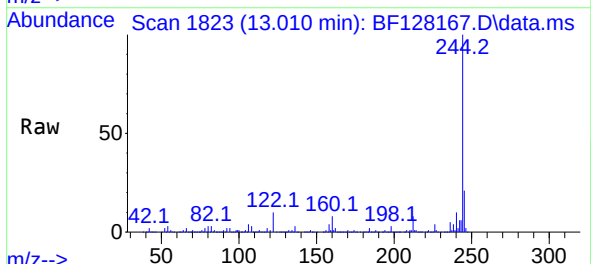
Instrument :
BNA_F
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TP-1

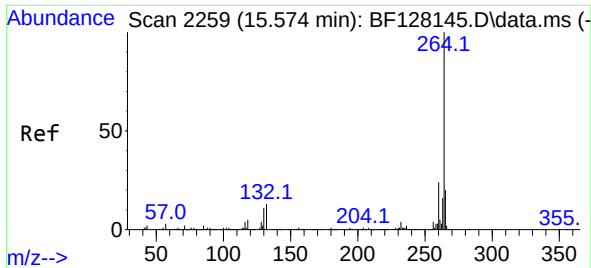
Tgt Ion:240 Resp: 172920
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 125.078 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

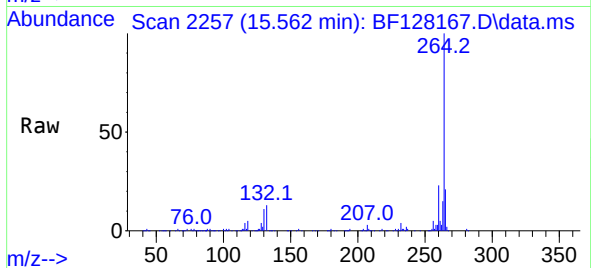
Tgt Ion:244 Resp: 1152651
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.5 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:264 Resp: 175562

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.1	30.1
265	20.7	17.5	26.3

