

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128087.D
 Acq On : 05 May 2022 11:02
 Operator : CG\JU
 Sample : PB144564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144564BL

Quant Time: May 05 17:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	115095	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	460702	20.000	ng	-0.01
39) Acenaphthene-d10	9.951	164	266204	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	491494	20.000	ng	0.00
76) Chrysene-d12	14.086	240	378490	20.000	ng	0.00
86) Perylene-d12	15.592	264	305651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	904540	125.178	ng	0.01
7) Phenol-d6	6.539	99	1196726	127.634	ng	0.00
23) Nitrobenzene-d5	7.475	82	853490	87.116	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	354477	132.278	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1407701	89.460	ng	0.00
79) Terphenyl-d14	13.033	244	1643240	79.388	ng	0.00

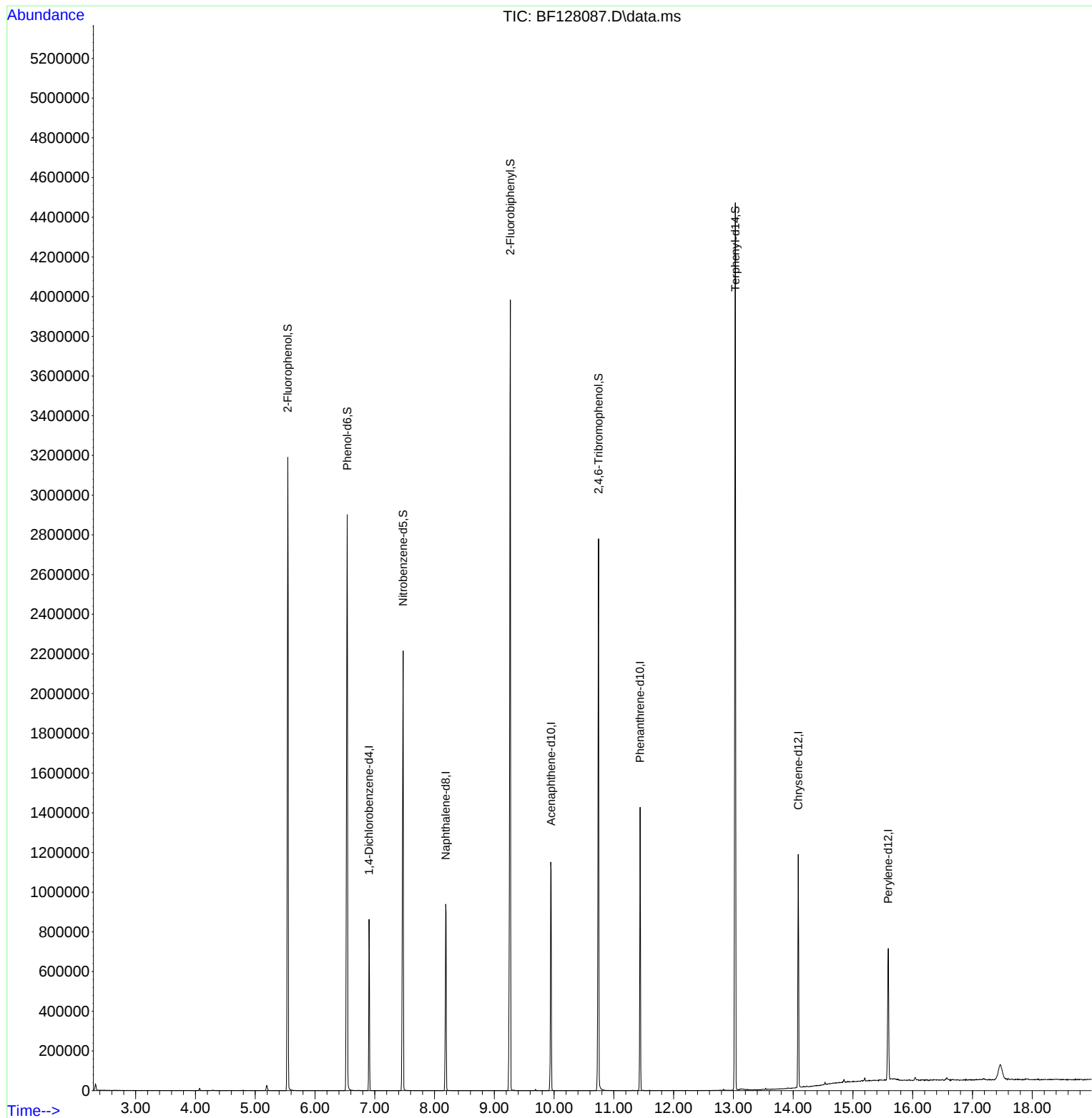
Target Compounds	Qvalue

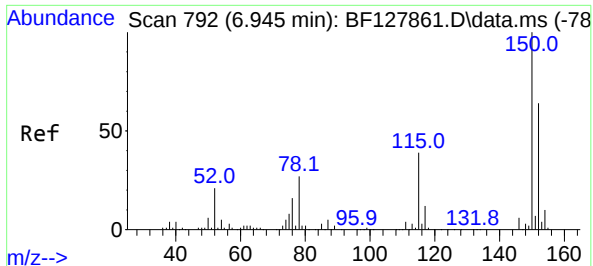
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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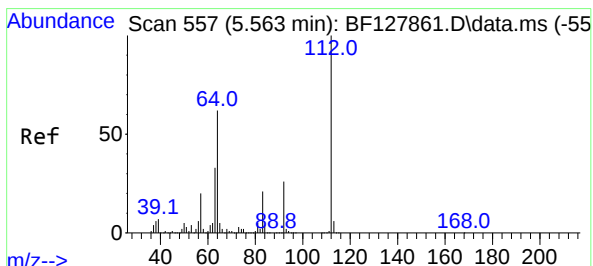
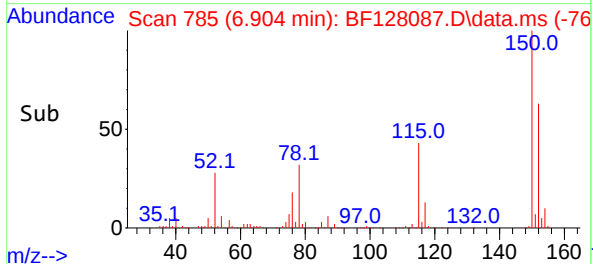
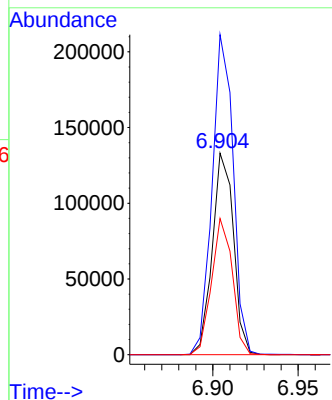
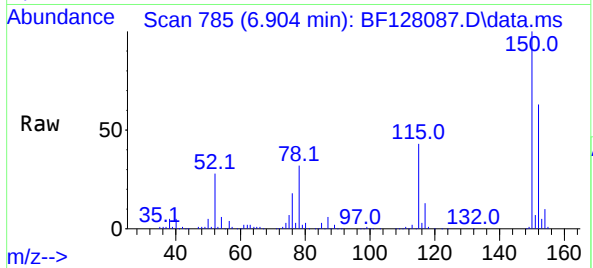




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

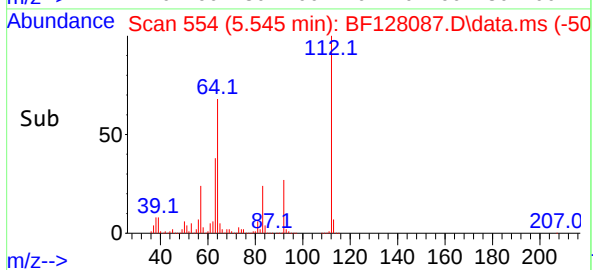
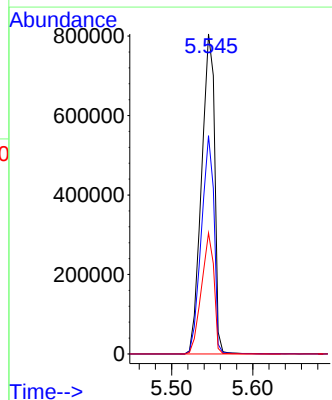
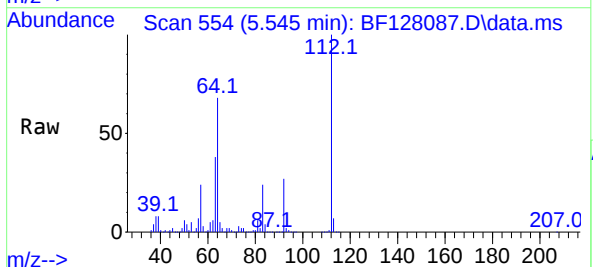
Instrument :
BNA_F
ClientSampleId :
PB144564BL

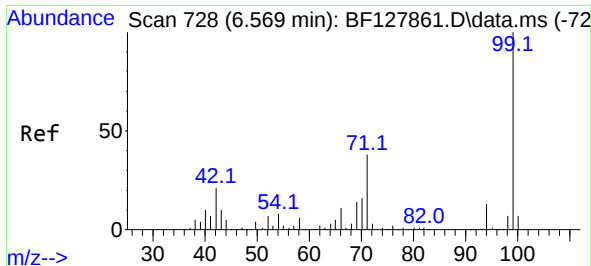
Tgt Ion:152 Resp: 115095
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 67.6 48.8 73.2



#5
2-Fluorophenol
Concen: 125.178 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

Tgt Ion:112 Resp: 904540
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.8 26.3 39.5

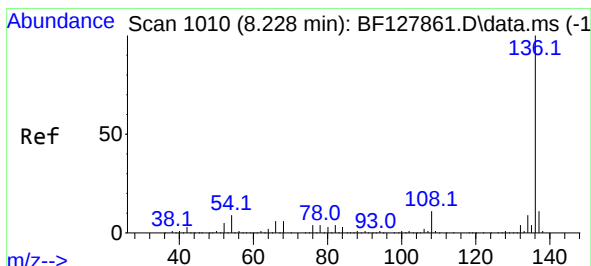
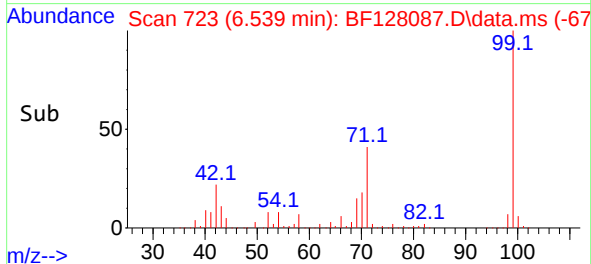
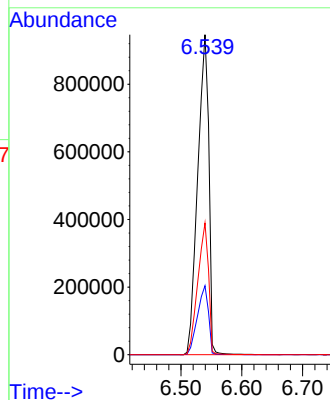
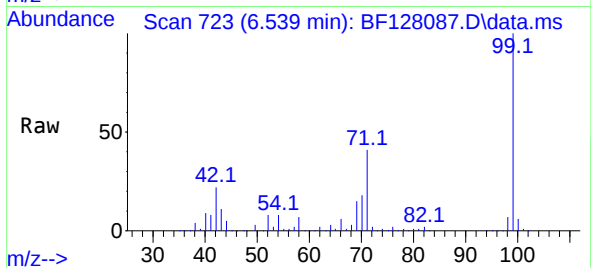




#7
Phenol-d6
Concen: 127.634 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

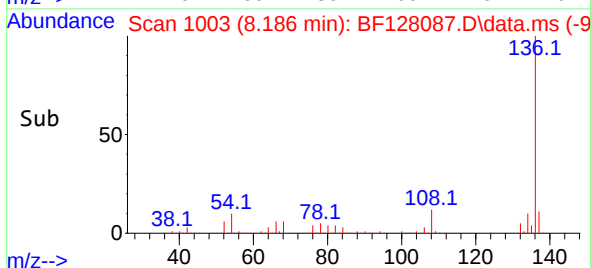
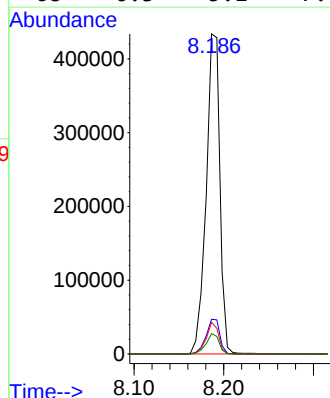
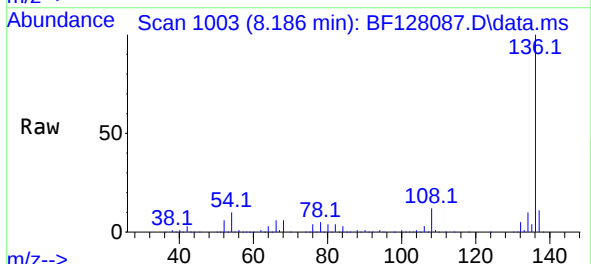
Instrument :
BNA_F
ClientSampleId :
PB144564BL

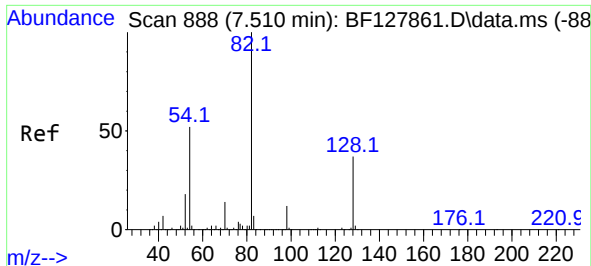
Tgt Ion: 99 Resp: 1196726
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 41.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

Tgt Ion: 136 Resp: 460702
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 6.8 10.2
68 6.3 5.1 7.7

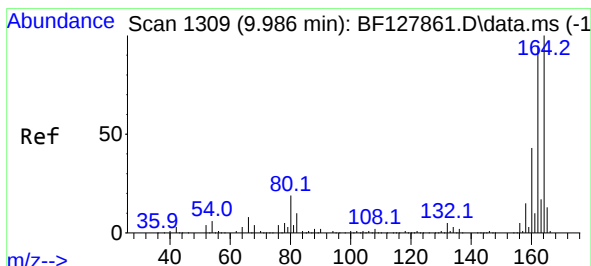
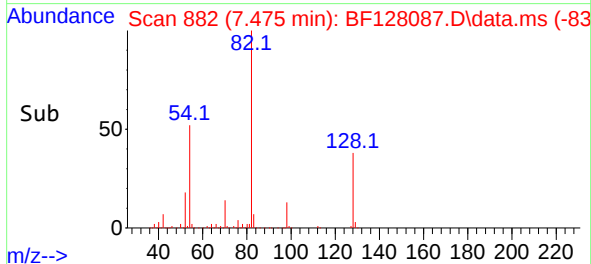
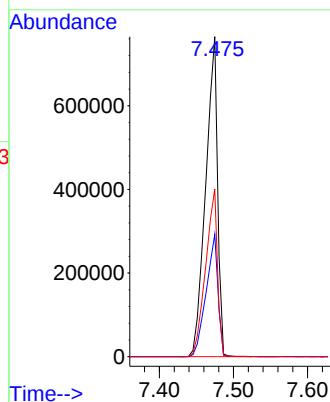
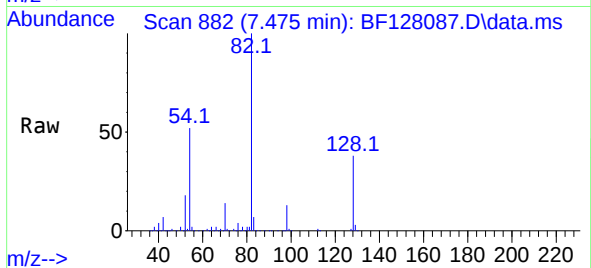




#23
Nitrobenzene-d5
Concen: 87.116 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

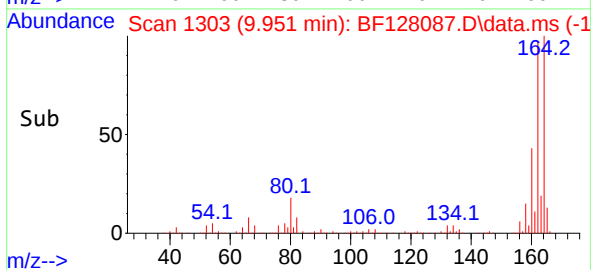
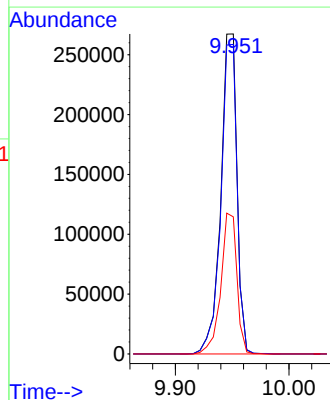
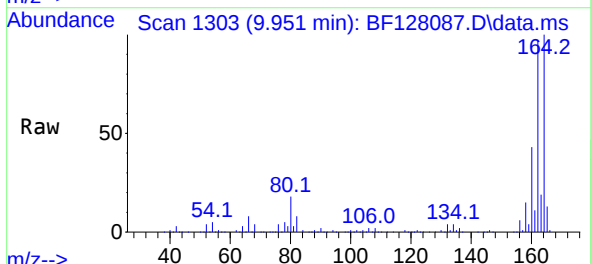
Instrument :
BNA_F
ClientSampleId :
PB144564BL

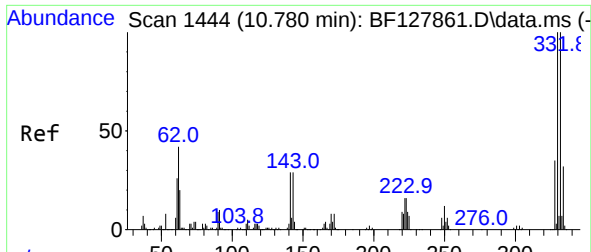
Tgt Ion: 82 Resp: 853490
Ion Ratio Lower Upper
82 100
128 38.3 30.0 45.0
54 52.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

Tgt Ion: 164 Resp: 266204
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 132.278 ng

RT: 10.745 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF128087.D

Acq: 05 May 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB144564BL

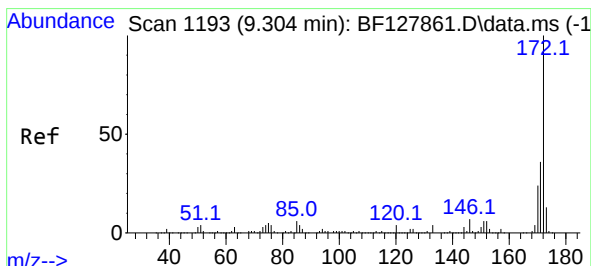
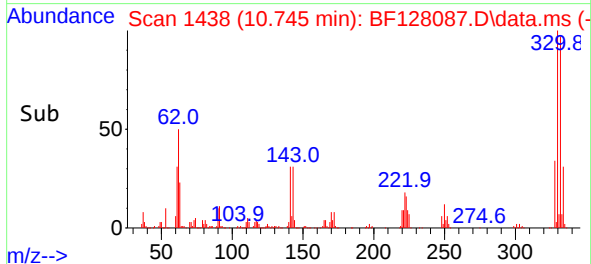
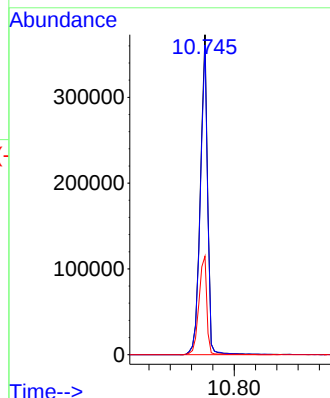
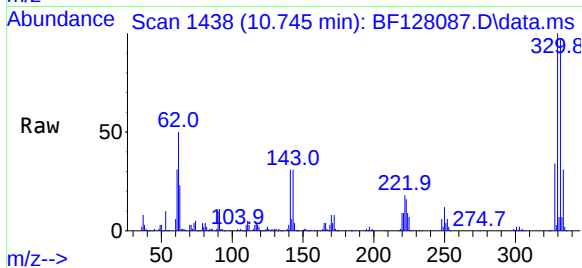
Tgt Ion:330 Resp: 354477

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.460 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF128087.D

Acq: 05 May 2022 11:02

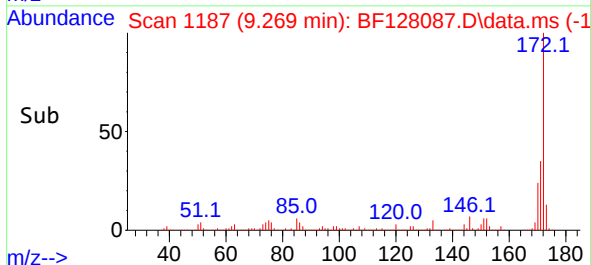
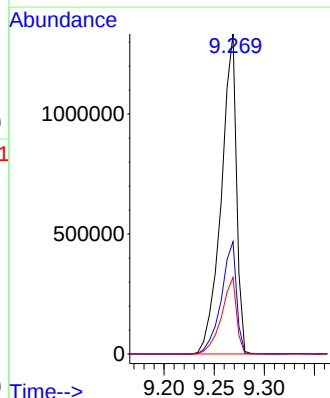
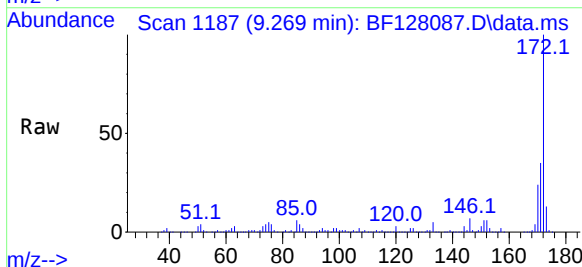
Tgt Ion:172 Resp: 1407701

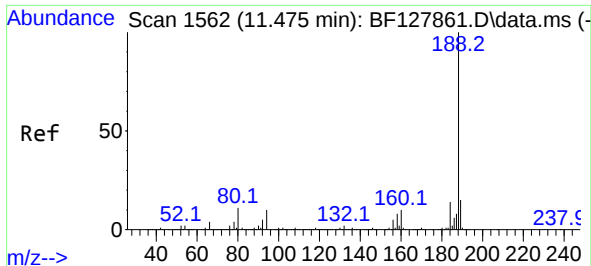
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7

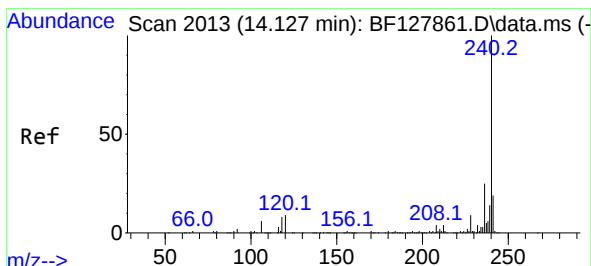
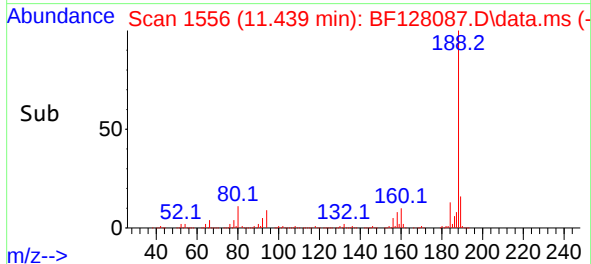
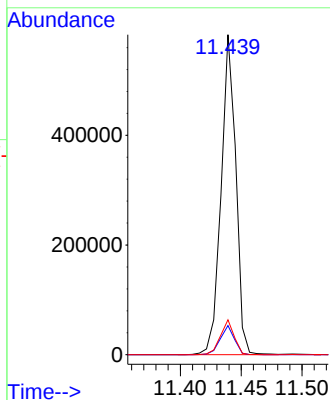
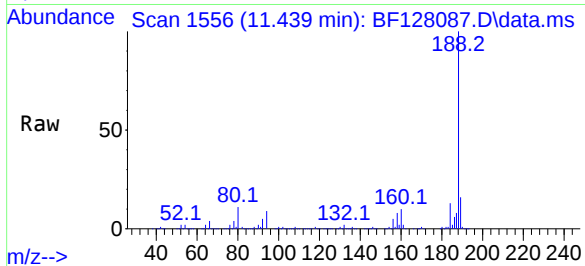




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

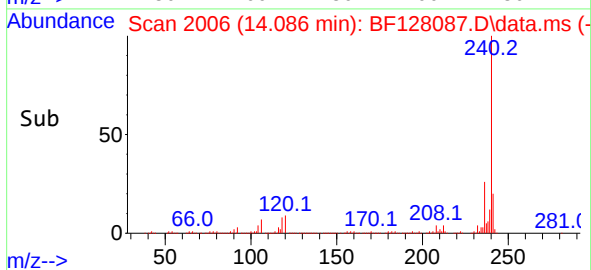
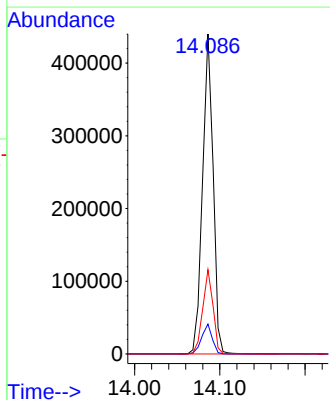
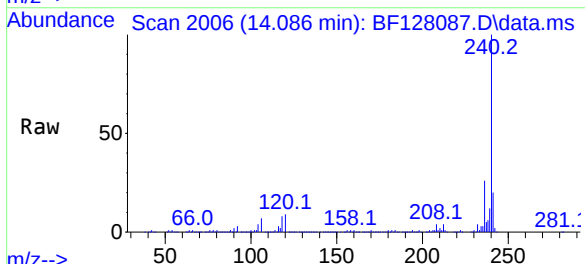
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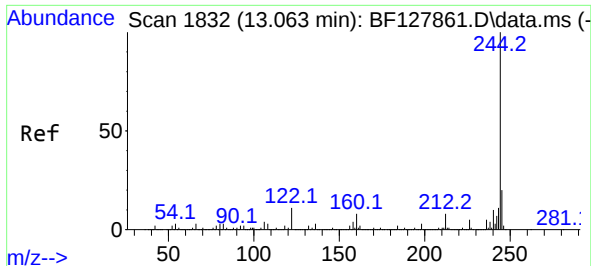
Tgt Ion:188 Resp: 491494
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128087.D
Acq: 05 May 2022 11:02

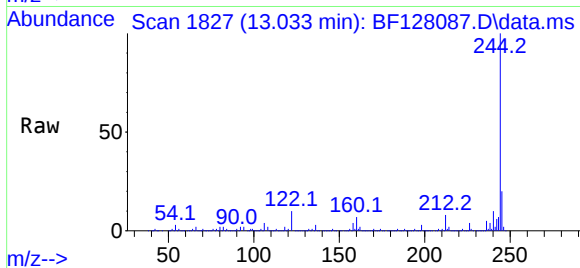
Tgt Ion:240 Resp: 378490
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 26.3 20.3 30.5



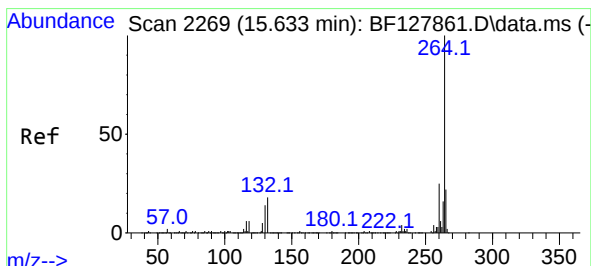
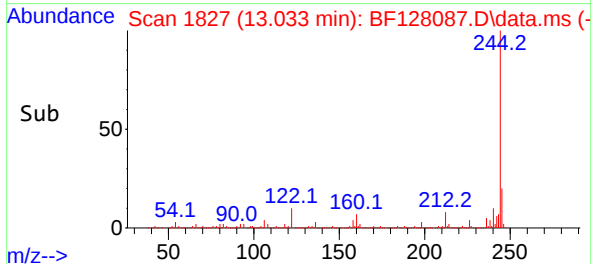
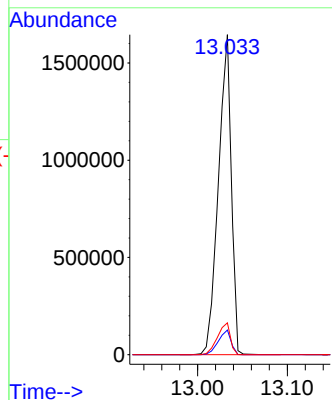


#79
 Terphenyl-d14
 Concen: 79.388 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF128087.D
 Acq: 05 May 2022 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB144564BL



Tgt Ion:244 Resp: 1643240
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF128087.D
 Acq: 05 May 2022 11:02

Tgt Ion:264 Resp: 305651
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 20.9 17.5 26.3

