

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141229.D
 Acq On : 21 Jan 2025 12:10
 Operator : RC/JU
 Sample : PB166129BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166129BL

Quant Time: Jan 21 13:03:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	158545	20.000	ng	-0.02
21) Naphthalene-d8	8.081	136	642161	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	344692	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	572232	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	414653	20.000	ng	-0.02
86) Perylene-d12	15.439	264	377045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1446768	140.968	ng	0.00
7) Phenol-d6	6.434	99	1785778	137.363	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1166212	96.267	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	589154	150.006	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2208002	97.818	ng	-0.02
79) Terphenyl-d14	12.922	244	2432293	87.184	ng	-0.01

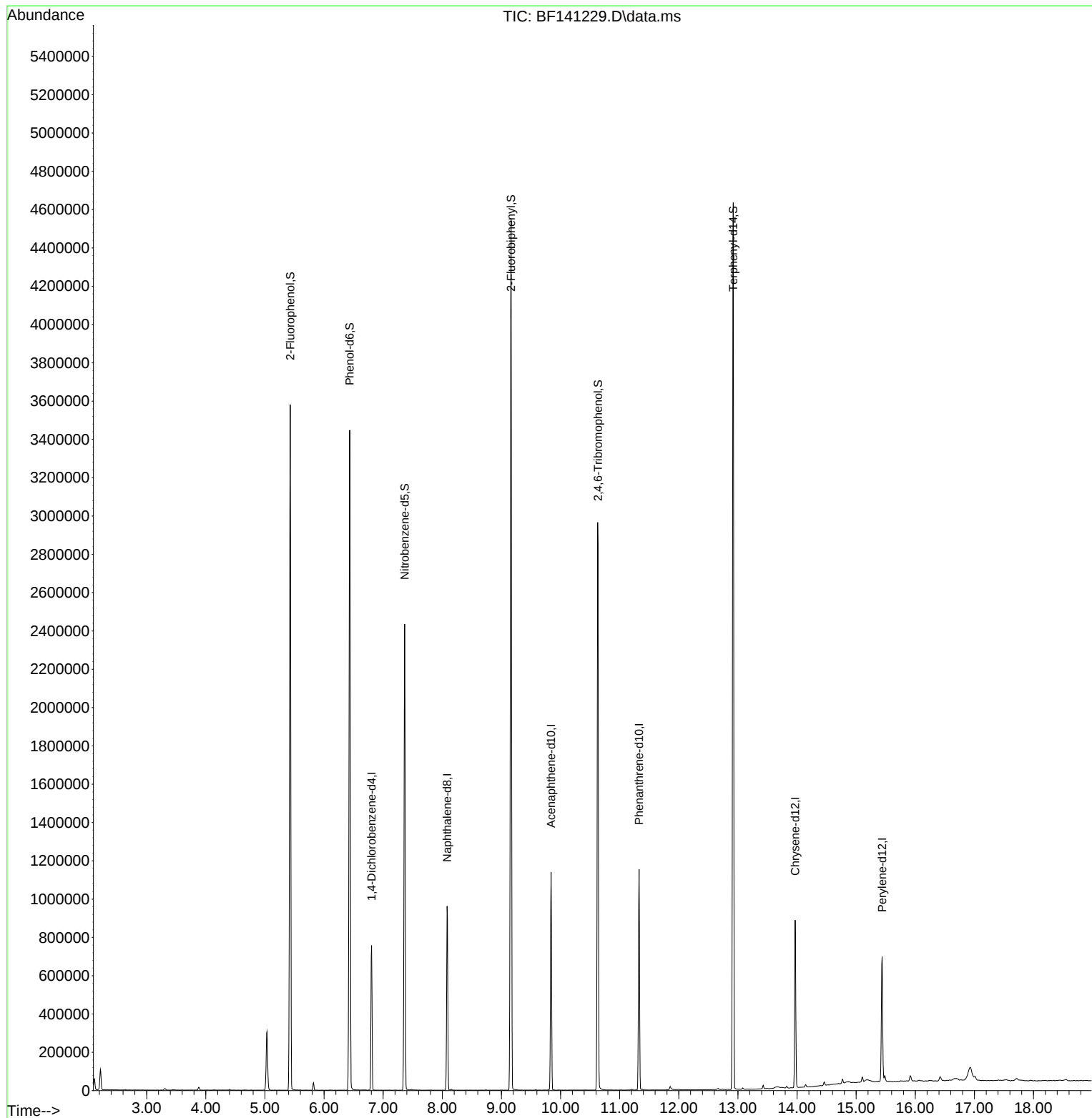
Target Compounds	Qvalue

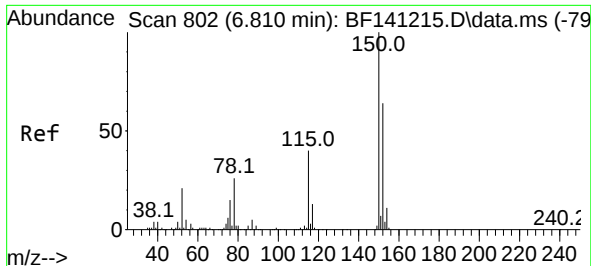
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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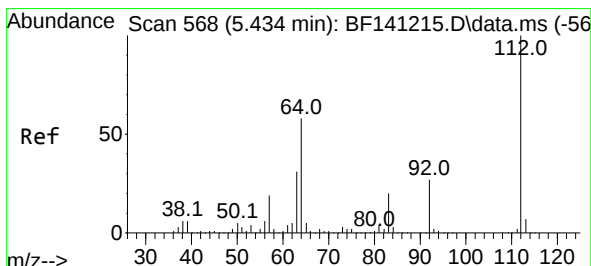
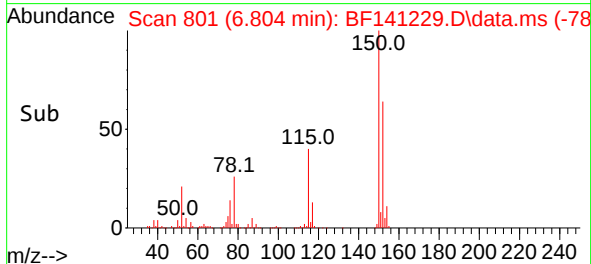
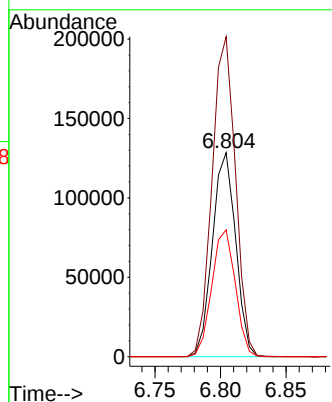
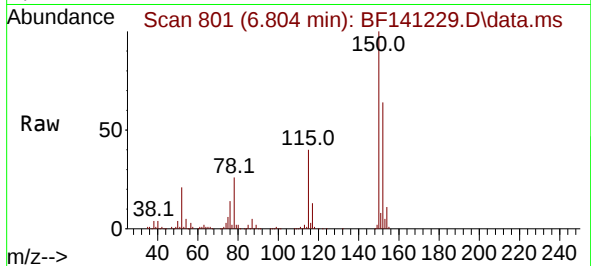




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

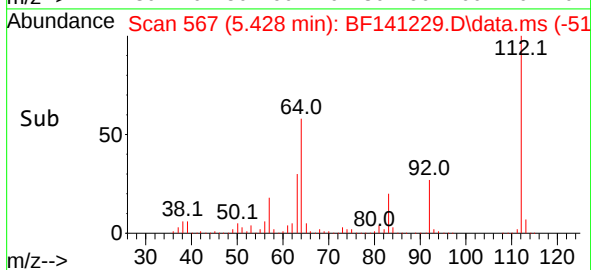
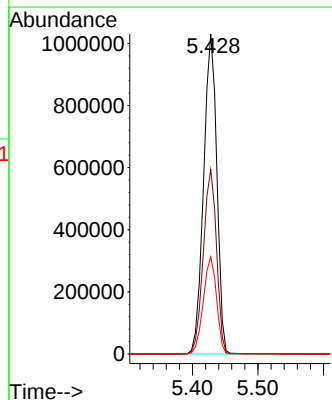
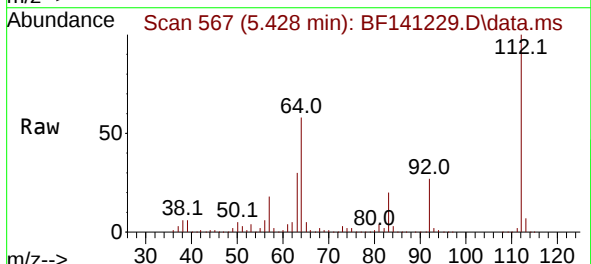
Instrument :
BNA_F
ClientSampleId :
PB166129BL

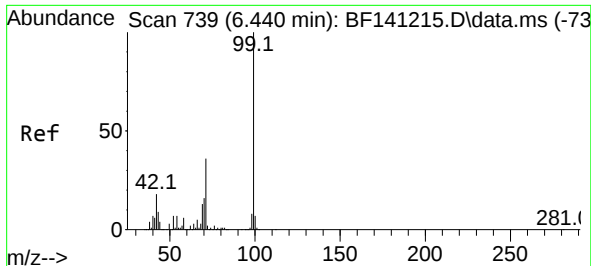
Tgt Ion:152 Resp: 158545
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.8
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 140.968 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion:112 Resp: 1446768
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.3 24.2 36.2



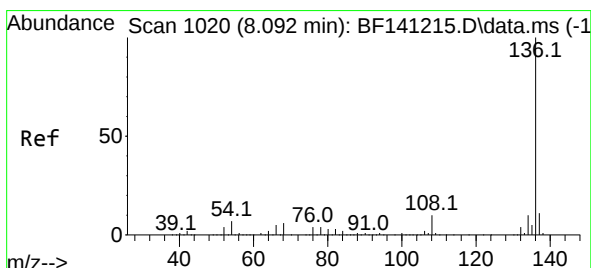
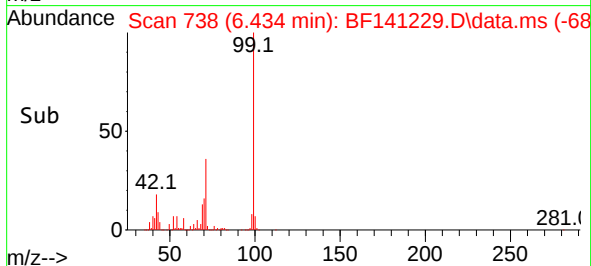
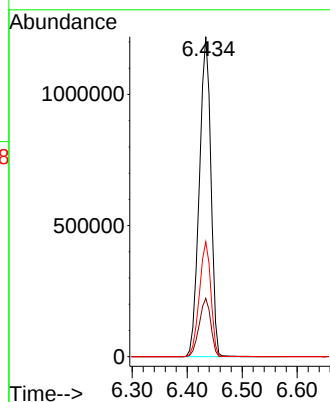
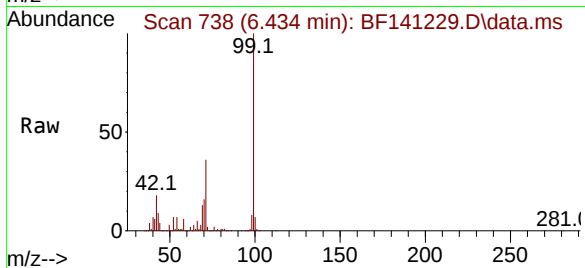


#7
Phenol-d6
Concen: 137.363 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Instrument :
BNA_F
ClientSampleId :
PB166129BL

Tgt Ion: 99 Resp: 1785778

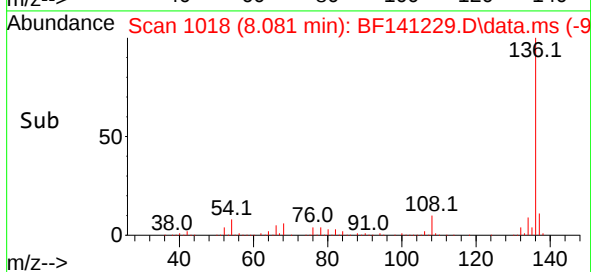
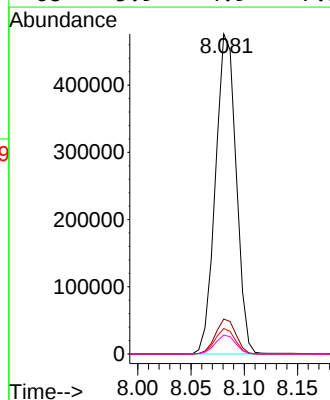
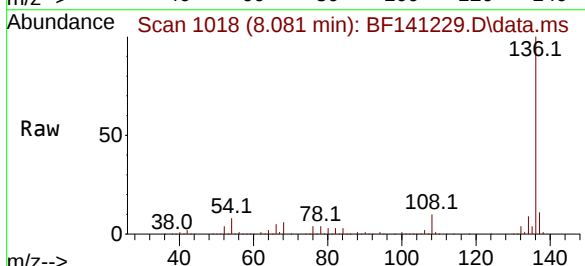
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	35.9	27.6	41.4

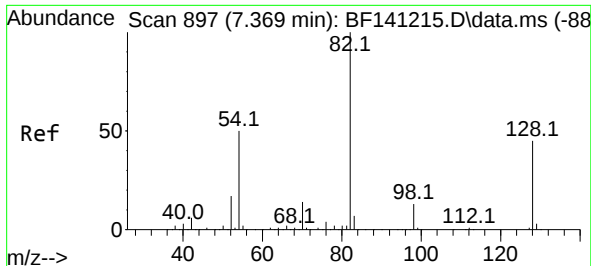


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.023 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion: 136 Resp: 642161

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	5.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 96.267 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.023 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

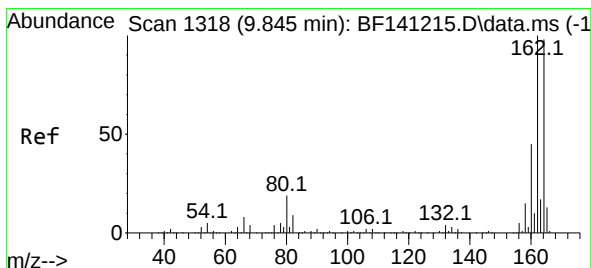
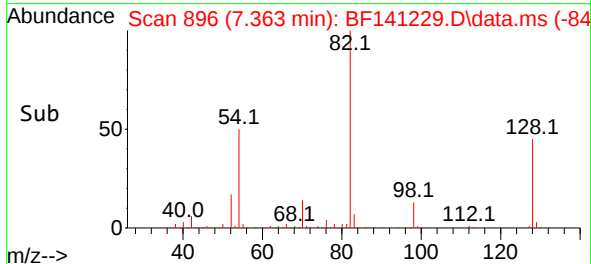
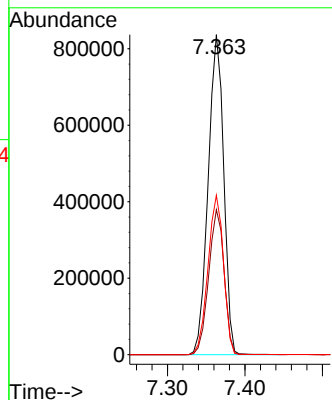
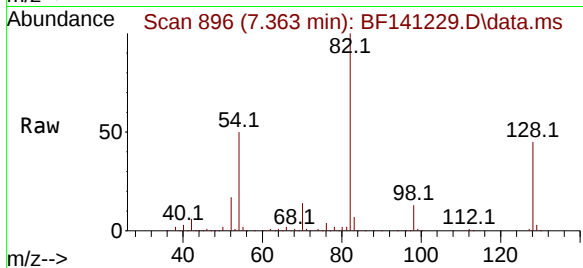
BNA_F

ClientSampleId :

PB166129BL

Tgt Ion: 82 Resp: 1166212

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.8	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

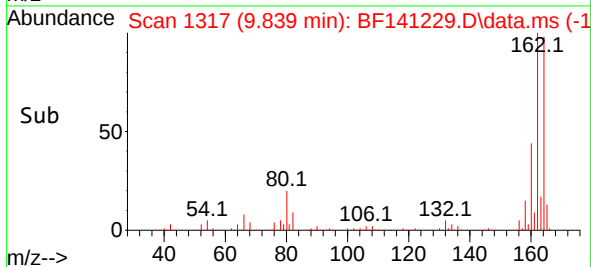
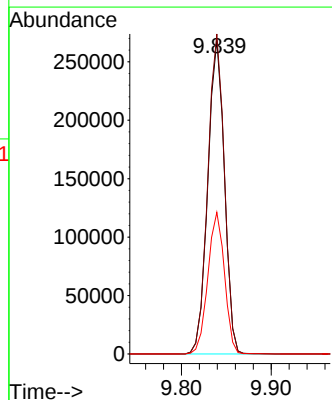
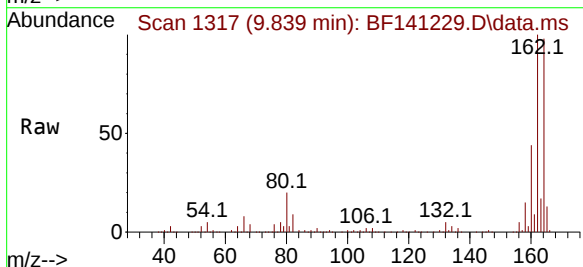
Delta R.T. -0.023 min

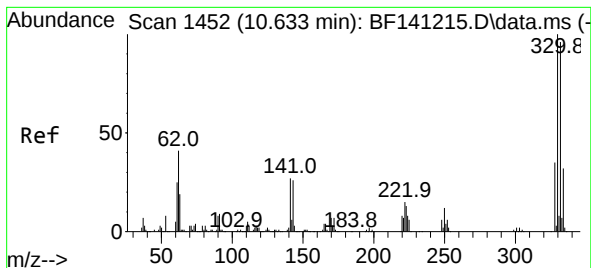
Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Tgt Ion:164 Resp: 344692

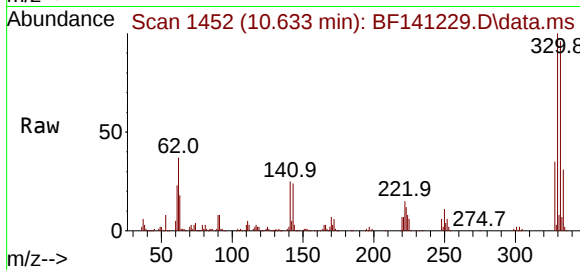
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.4
160	45.2	36.1	54.1



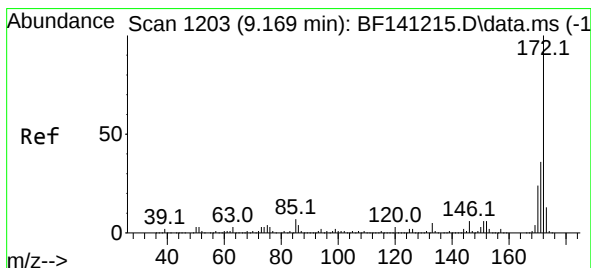
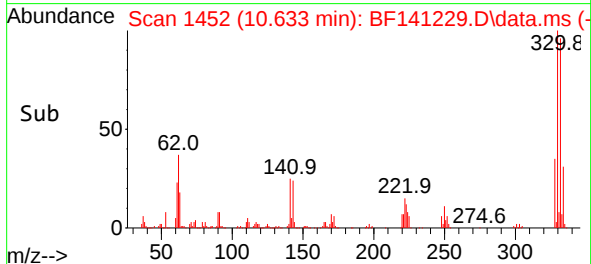
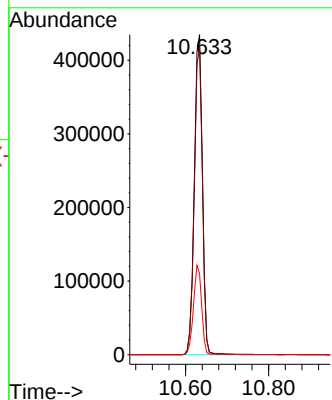


#42
2,4,6-Tribromophenol
Concen: 150.006 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

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PB166129BL

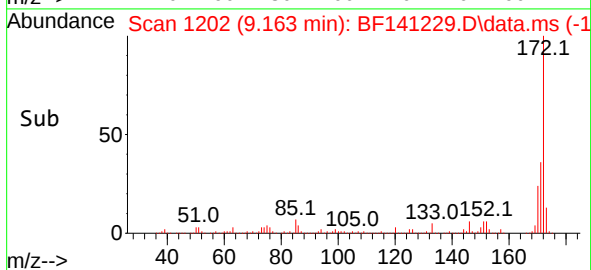
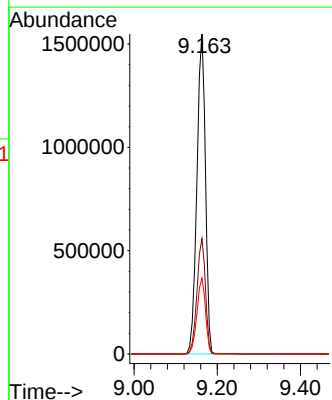
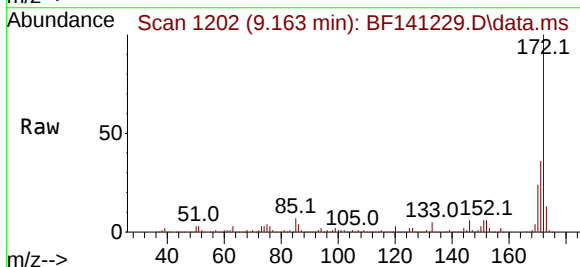


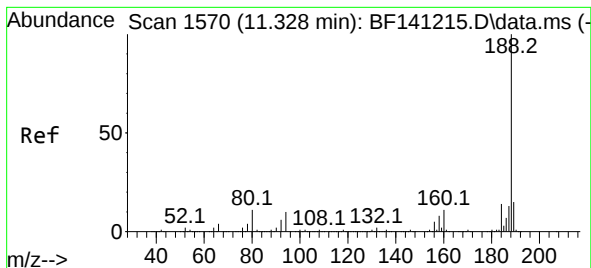
Tgt Ion:330 Resp: 589154
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 28.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 97.818 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion:172 Resp: 2208002
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL

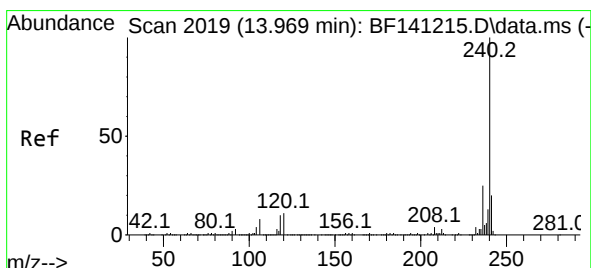
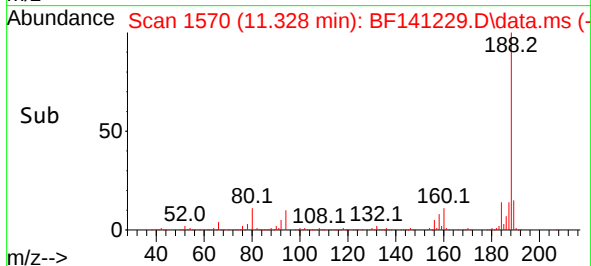
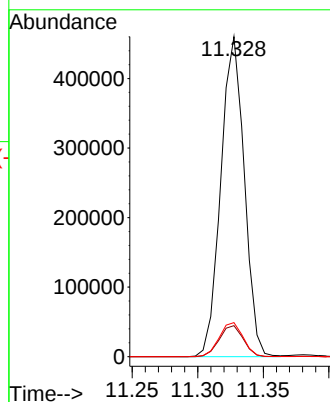
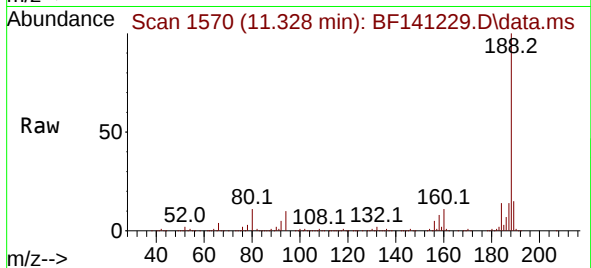
Tgt Ion:188 Resp: 572232

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

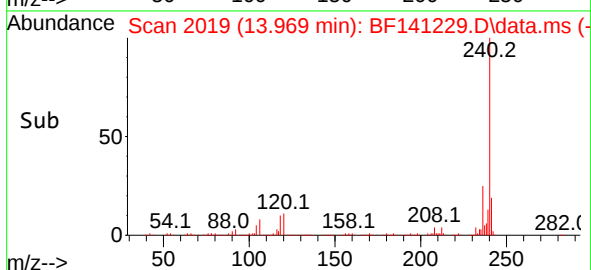
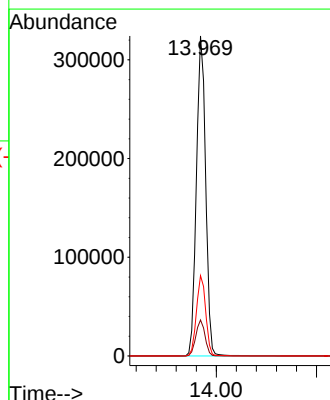
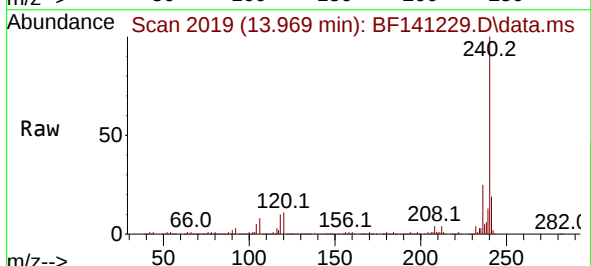
Tgt Ion:240 Resp: 414653

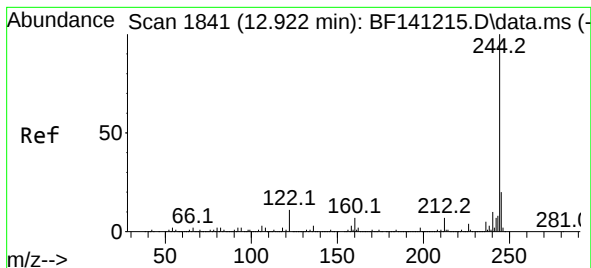
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.1 19.8 29.6





#79

Terphenyl-d14

Concen: 87.184 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL

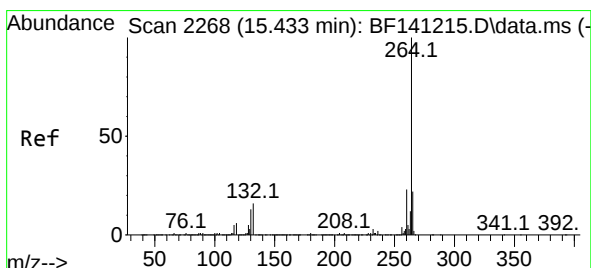
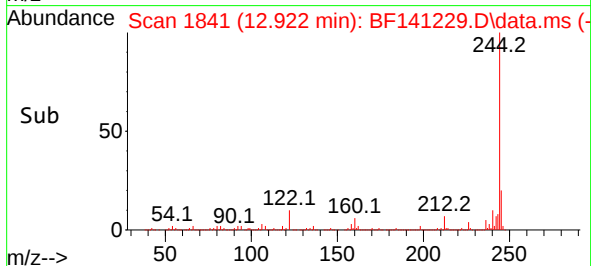
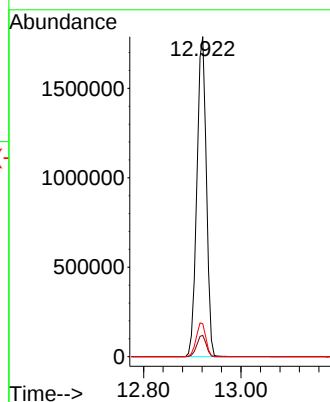
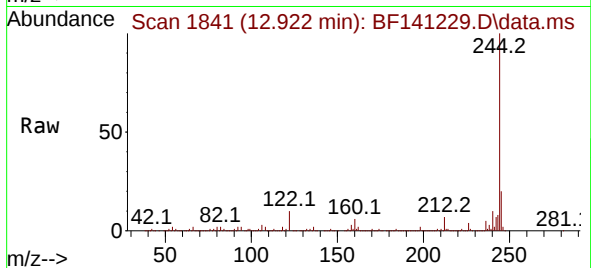
Tgt Ion:244 Resp: 2432293

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Tgt Ion:264 Resp: 377045

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.4 26.0

