

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141146.D
 Acq On : 14 Jan 2025 15:29
 Operator : RC/JU
 Sample : PB166045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166045BL

Quant Time: Jan 14 15:51:06 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	6.816	152	140953	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	564877	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	301578	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	516303	20.000	ng	0.00
76) Chrysene-d12	13.980	240	331329	20.000	ng	0.00
86) Perylene-d12	15.439	264	288367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1248452	136.827	ng	0.00
7) Phenol-d6	6.440	99	1549890	134.098	ng	0.00
23) Nitrobenzene-d5	7.381	82	1011655	94.934	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	505332	147.058	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1875464	94.964	ng	0.00
79) Terphenyl-d14	12.933	244	2187812	98.143	ng	0.00

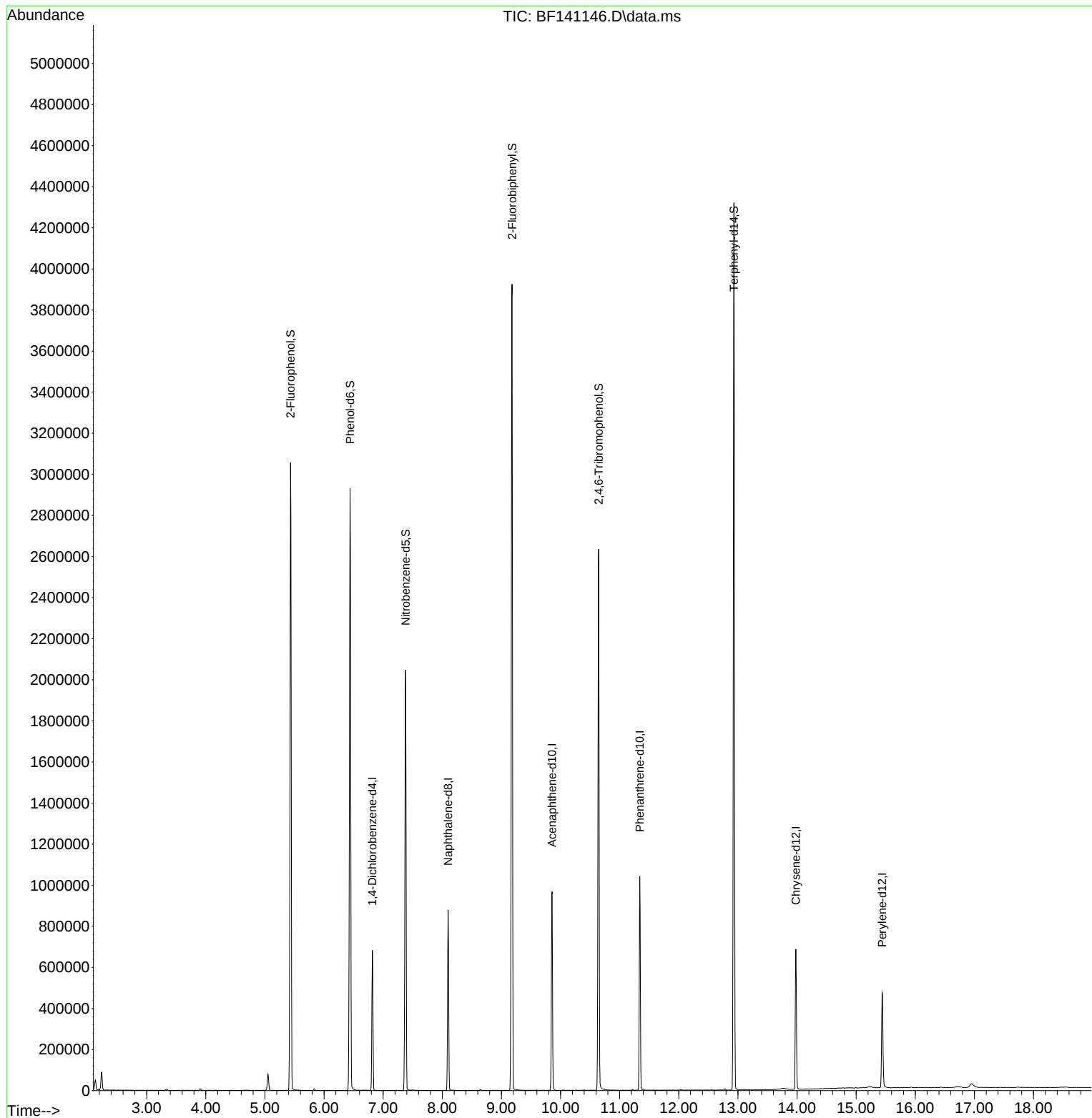
Target Compounds	Qvalue

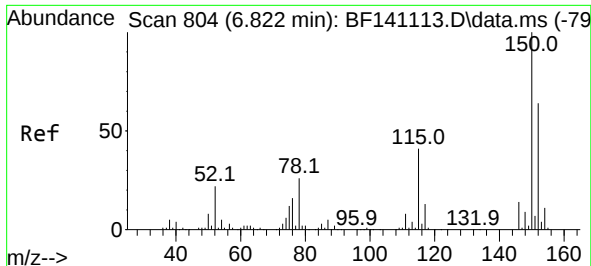
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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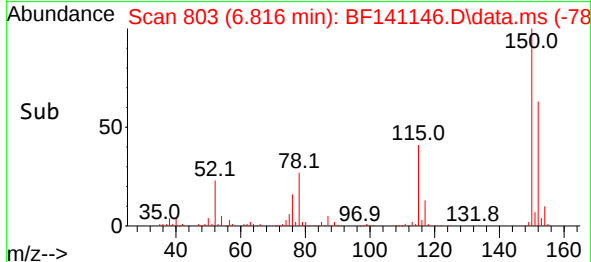
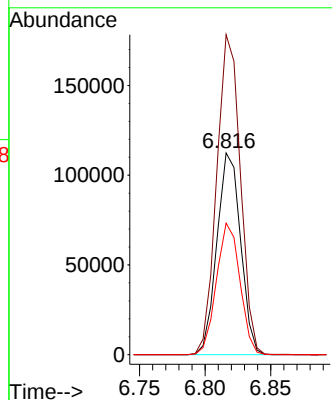
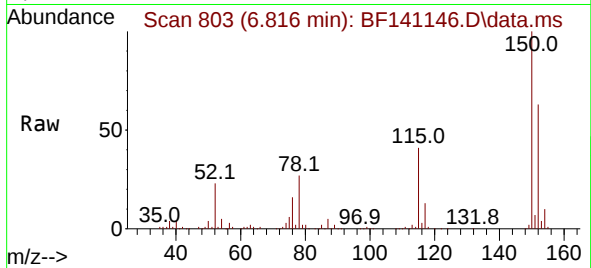




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

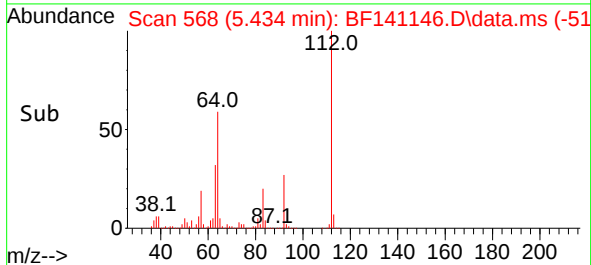
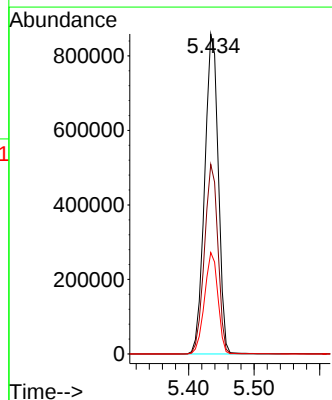
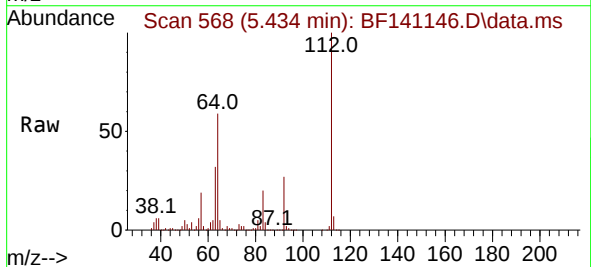
Instrument :
BNA_F
ClientSampleId :
PB166045BL

Tgt Ion:152 Resp: 140953
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.8
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 136.827 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Tgt Ion:112 Resp: 1248452
Ion Ratio Lower Upper
112 100
64 59.2 47.3 70.9
63 31.7 24.2 36.2

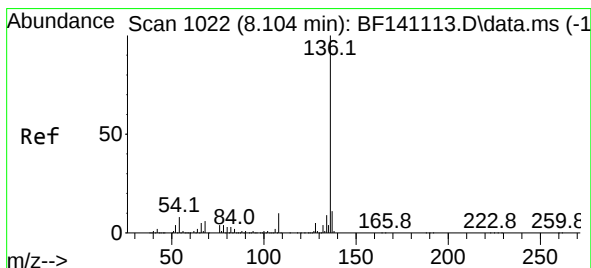
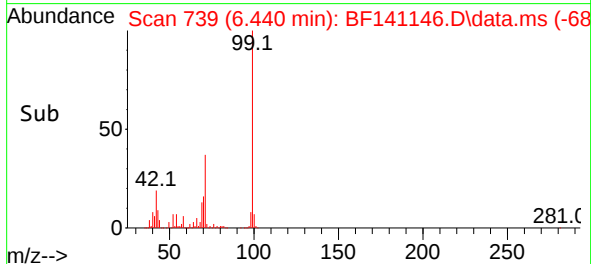
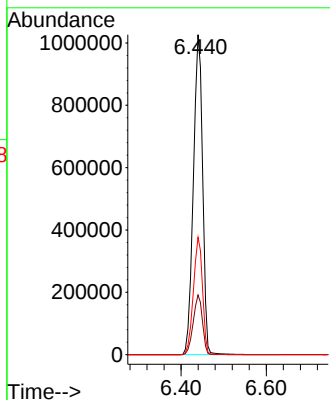
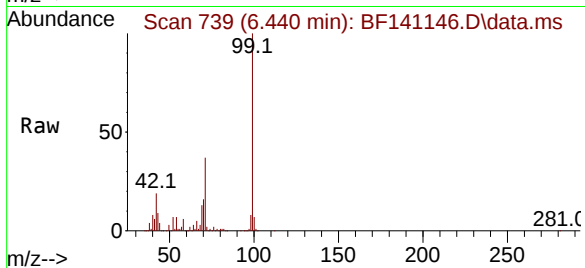




#7
Phenol-d6
Concen: 134.098 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

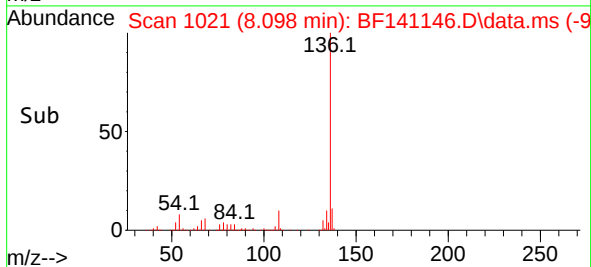
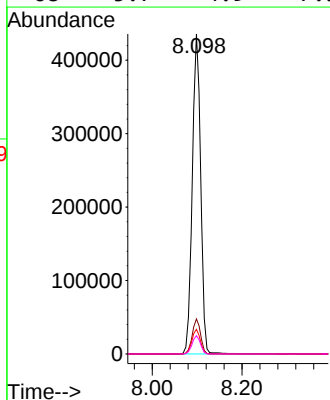
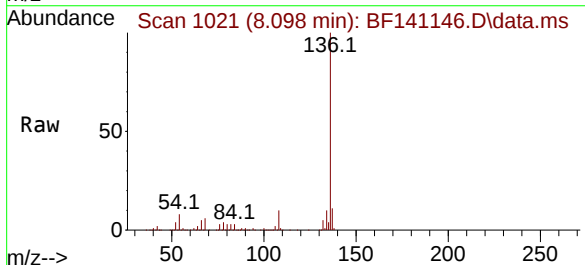
Instrument :
BNA_F
ClientSampleId :
PB166045BL

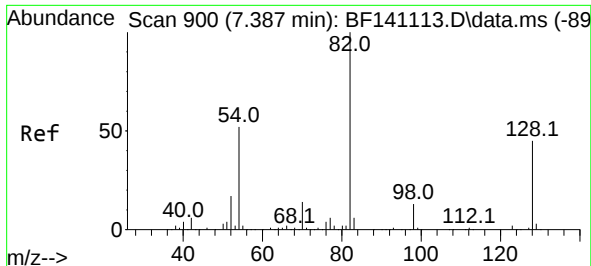
Tgt Ion: 99 Resp: 1549890
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Tgt Ion:136 Resp: 564877
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 5.7 4.9 7.3

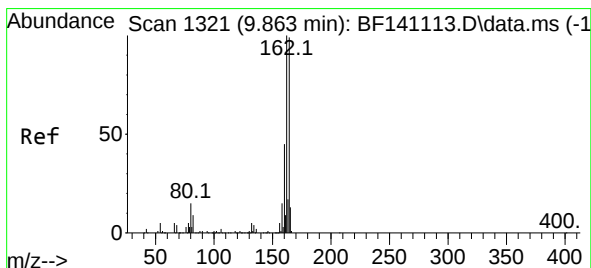
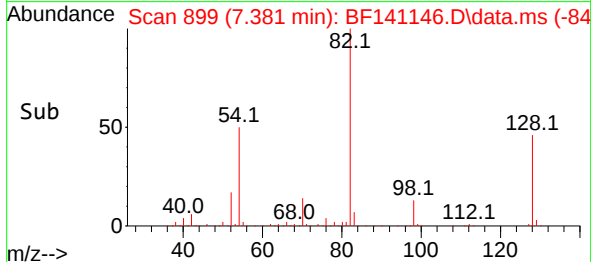
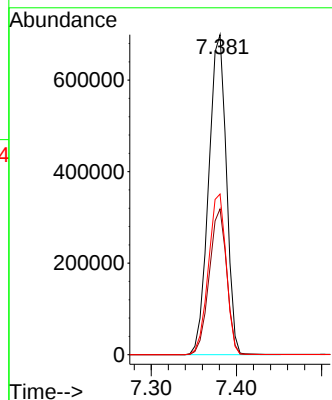
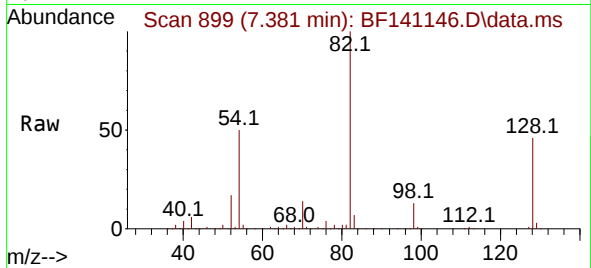




#23
Nitrobenzene-d5
Concen: 94.934 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

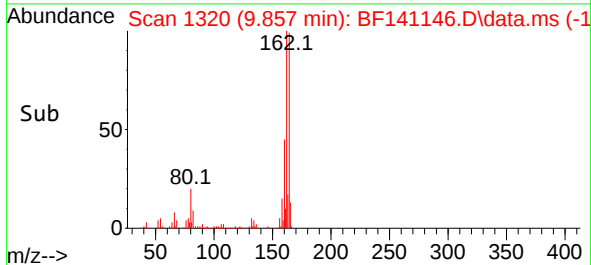
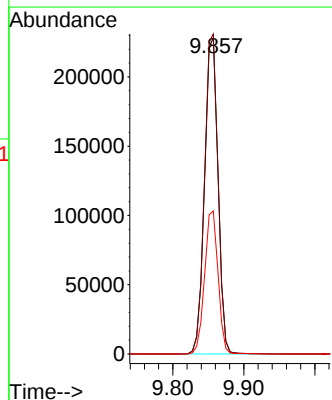
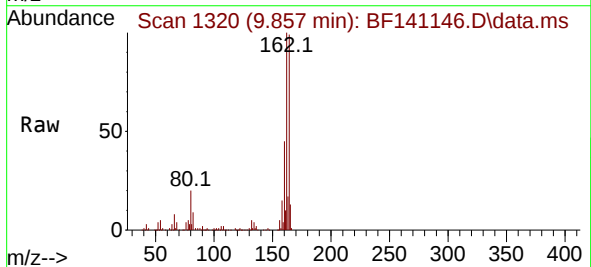
Instrument :
BNA_F
ClientSampleId :
PB166045BL

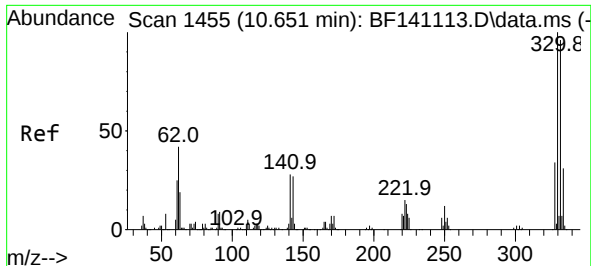
Tgt Ion: 82 Resp: 1011655
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 50.2 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Tgt Ion:164 Resp: 301578
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.2 36.1 54.1

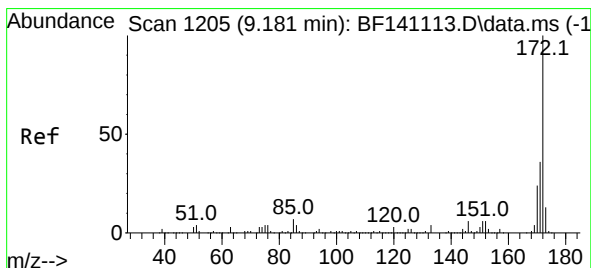
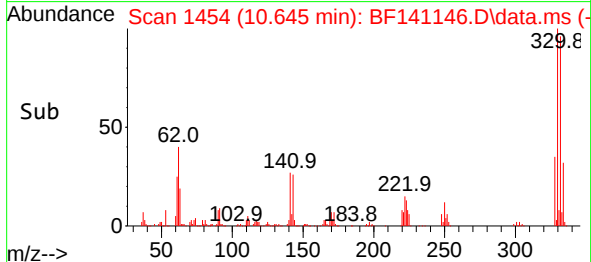
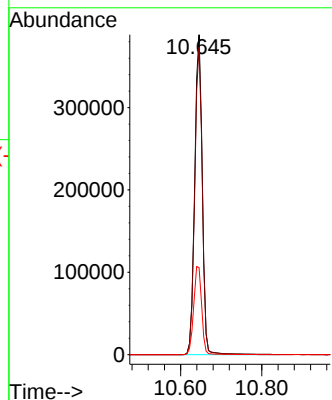
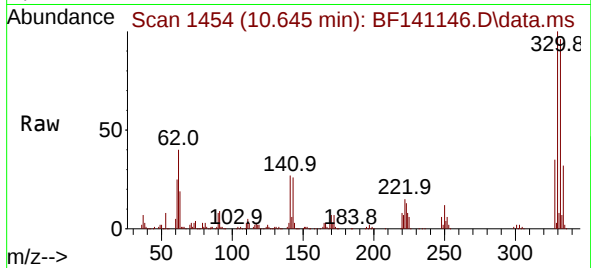




#42
2,4,6-Tribromophenol
Concen: 147.058 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

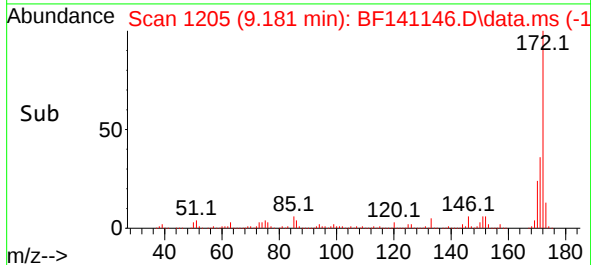
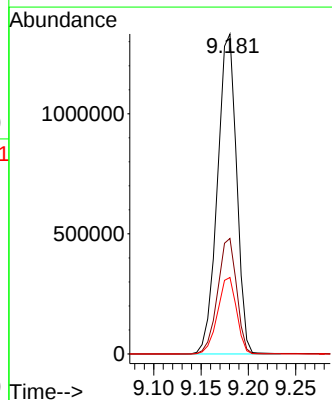
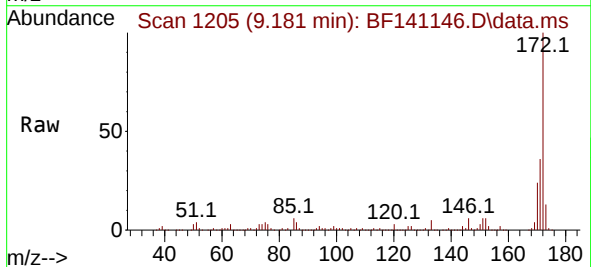
Instrument :
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ClientSampleId :
PB166045BL

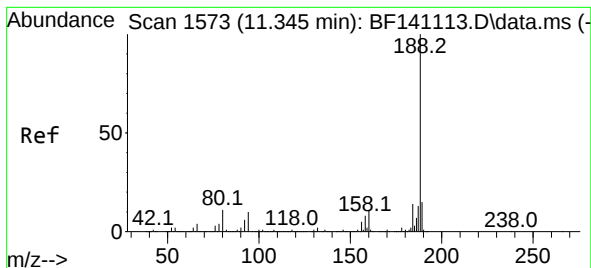
Tgt Ion:330 Resp: 505332
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 29.1 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 94.964 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141146.D
Acq: 14 Jan 2025 15:29

Tgt Ion:172 Resp: 1875464
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

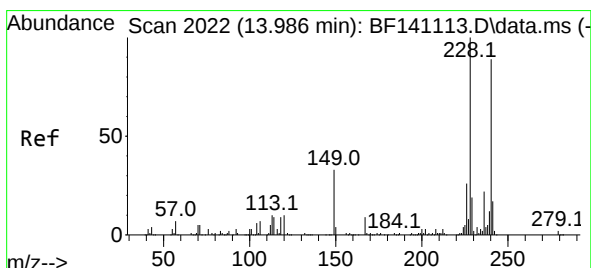
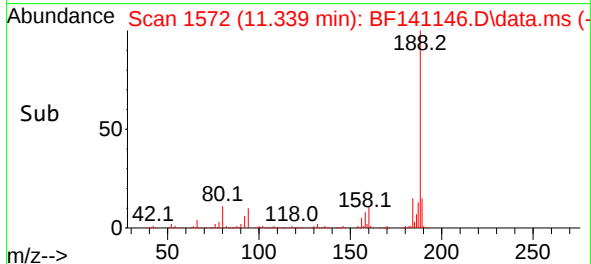
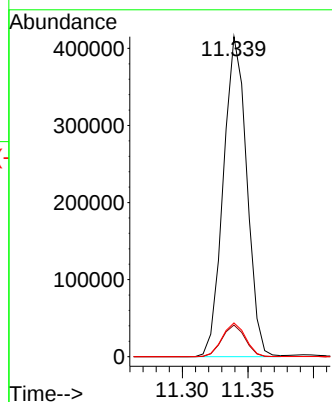
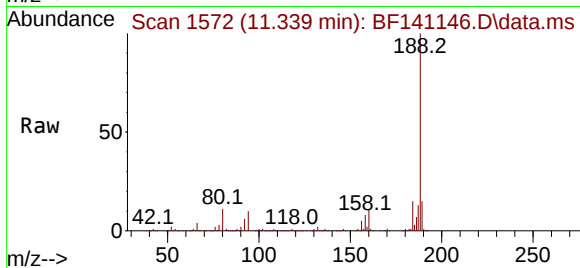
Tgt Ion:188 Resp: 516303

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

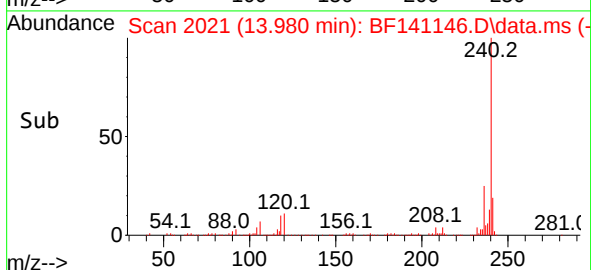
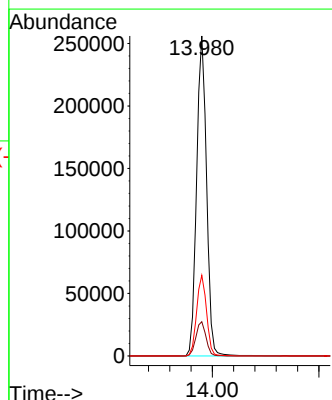
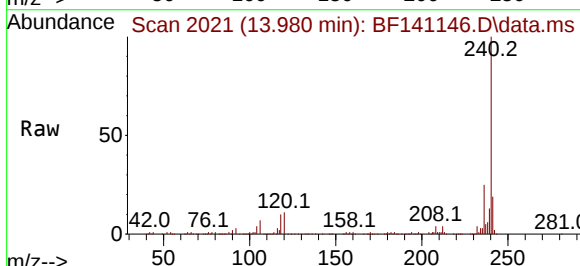
Tgt Ion:240 Resp: 331329

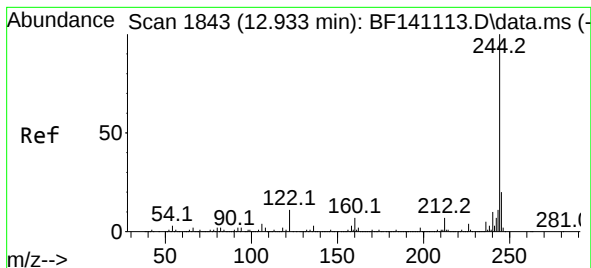
Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 25.2 19.8 29.6





#79

Terphenyl-d14

Concen: 98.143 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141146.D

Acq: 14 Jan 2025 15:29

Instrument :

BNA_F

ClientSampleId :

PB166045BL

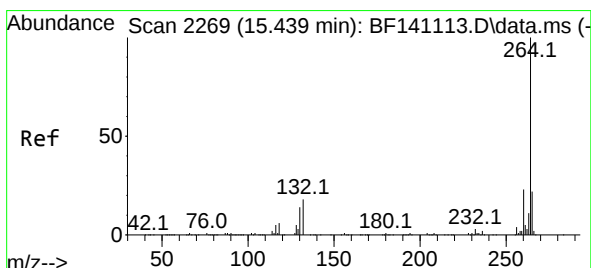
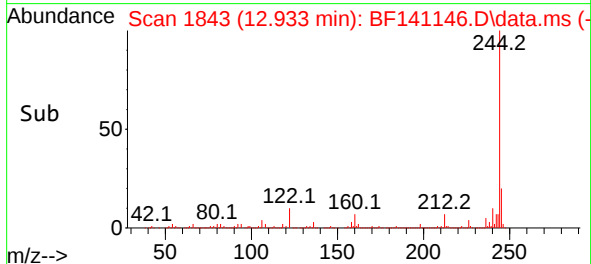
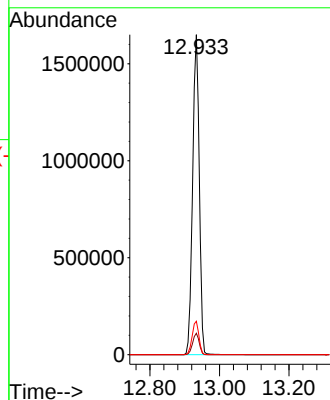
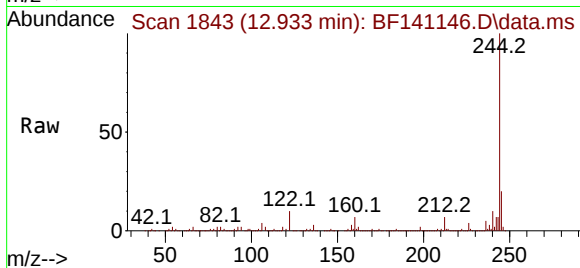
Tgt Ion:244 Resp: 2187812

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.4 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: BF141146.D

Acq: 14 Jan 2025 15:29

Tgt Ion:264 Resp: 288367

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.7 17.4 26.0

