

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141195.D
 Acq On : 17 Jan 2025 16:21
 Operator : RC/JU
 Sample : Q1115-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 366

Quant Time: Jan 17 16:41:37 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	6.810	152	188431	20.000	ng	-0.01
21) Naphthalene-d8	8.093	136	755853	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	409170	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	692554	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	386575	20.000	ng	-0.02
86) Perylene-d12	15.421	264	422556	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1533793	125.744	ng	0.00
7) Phenol-d6	6.440	99	1933089	125.111	ng	0.00
23) Nitrobenzene-d5	7.369	82	1225986	85.979	ng	-0.02
42) 2,4,6-Tribromophenol	10.634	330	645982	138.557	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2125968	79.342	ng	-0.02
79) Terphenyl-d14	12.916	244	2037870	78.352	ng	-0.02

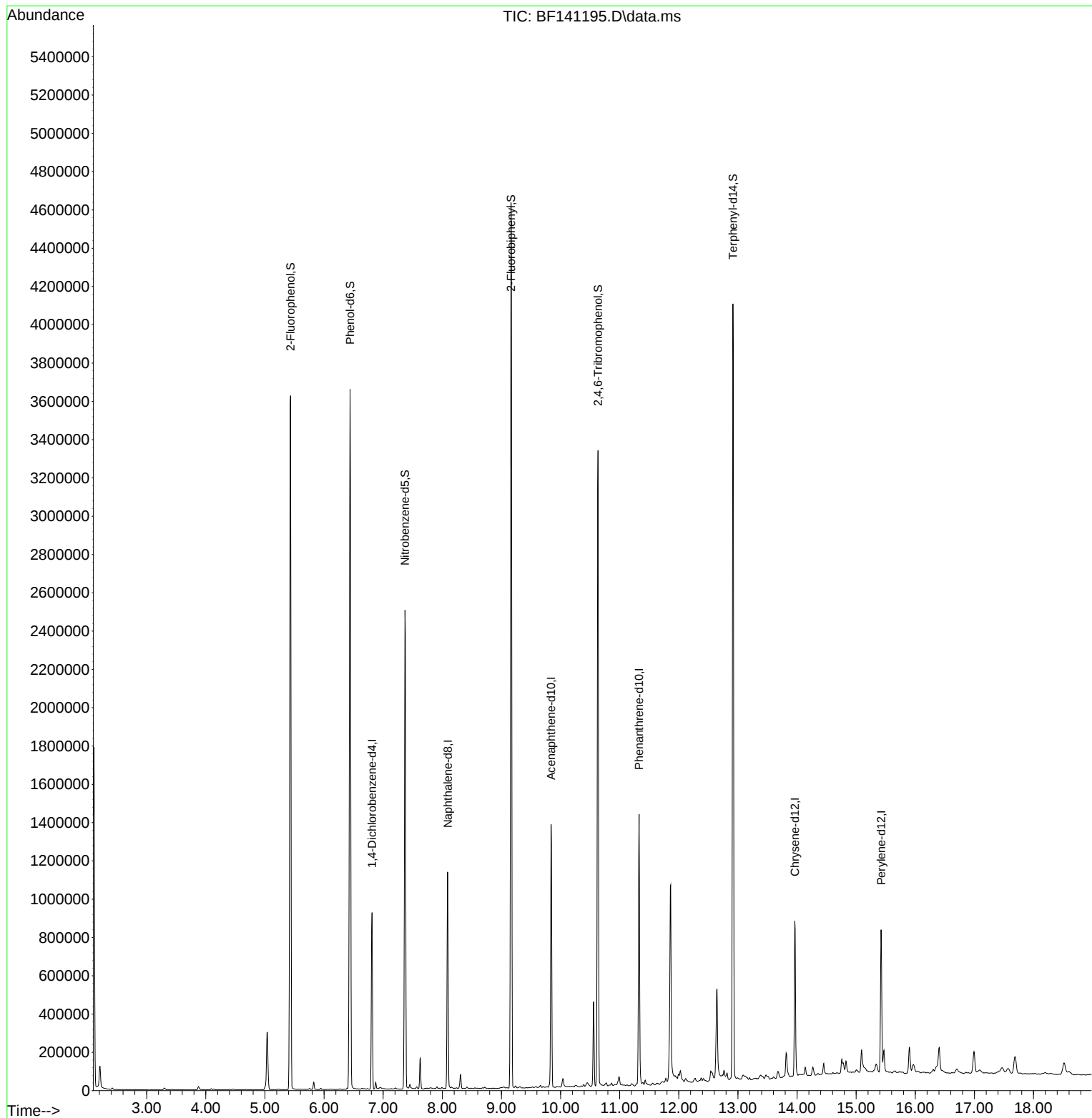
Target Compounds	Qvalue

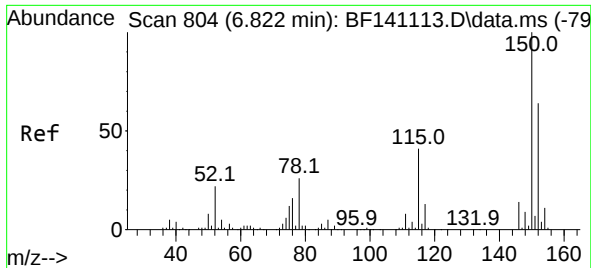
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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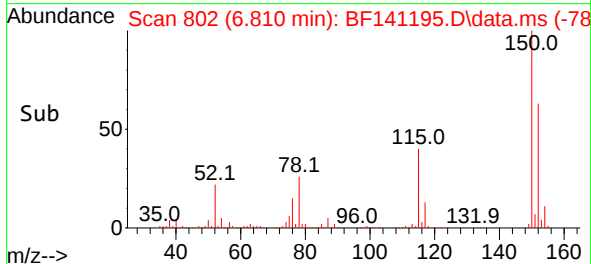
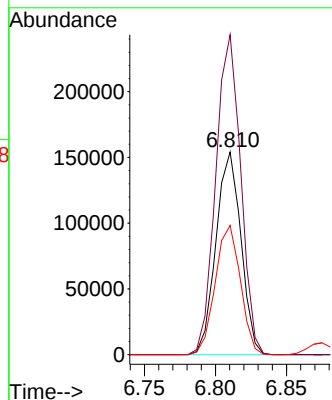
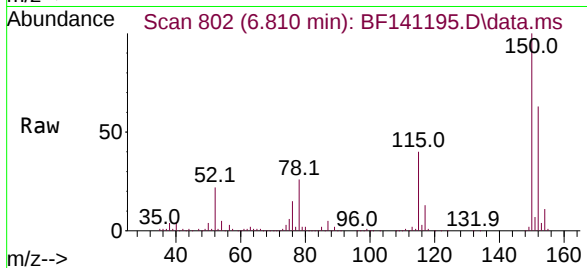




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141195.D
 Acq: 17 Jan 2025 16:21

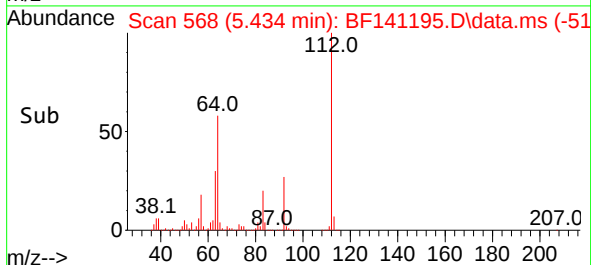
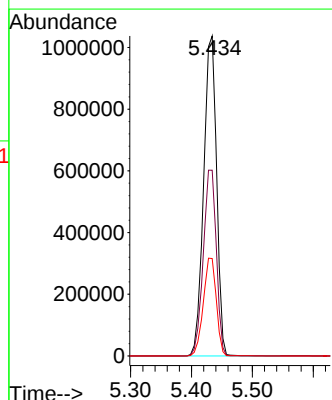
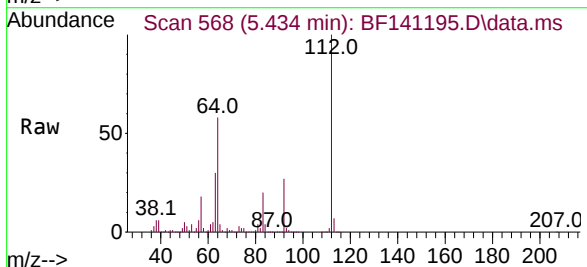
Instrument :
 BNA_F
 ClientSampleId :
 366

Tgt Ion:152 Resp: 188431
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.8
 115 63.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 125.744 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF141195.D
 Acq: 17 Jan 2025 16:21

Tgt Ion:112 Resp: 1533793
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.3 70.9
 63 30.5 24.2 36.2



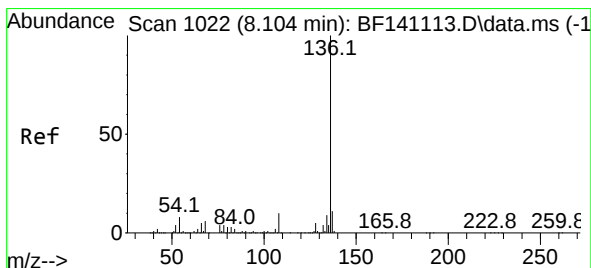
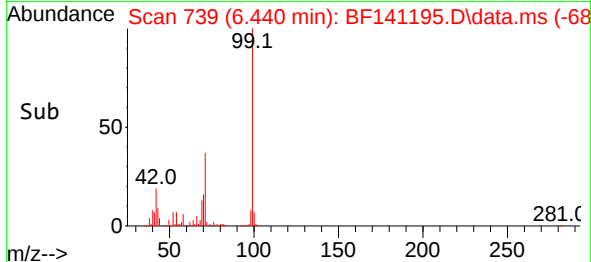
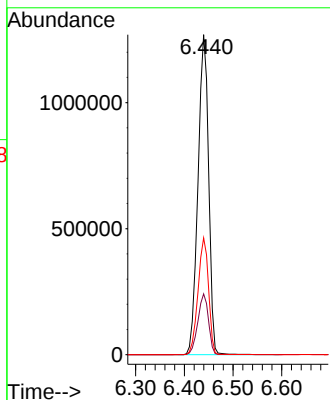
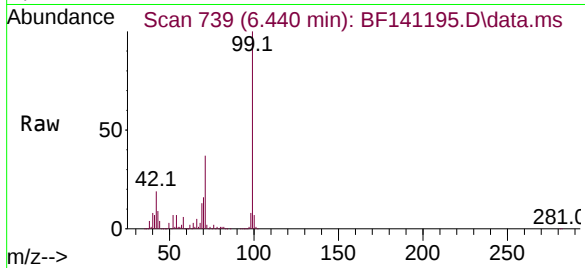


#7
Phenol-d6
Concen: 125.111 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Instrument :
BNA_F
ClientSampleId :
366

Tgt Ion: 99 Resp: 1933089

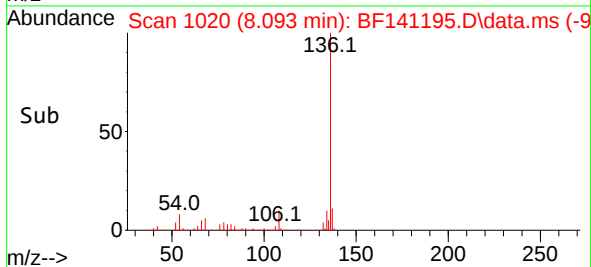
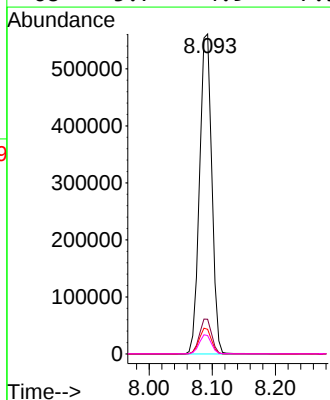
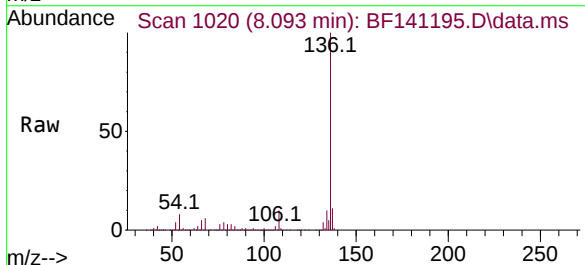
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.0	22.4
71	36.5	27.6	41.4

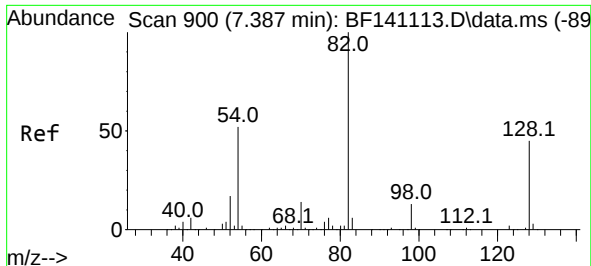


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Tgt Ion:136 Resp: 755853

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.7	4.9	7.3





#23

Nitrobenzene-d5

Concen: 85.979 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141195.D

Acq: 17 Jan 2025 16:21

Instrument :

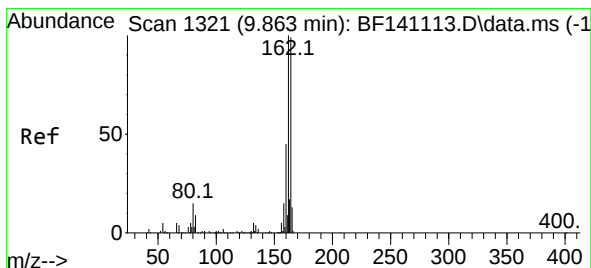
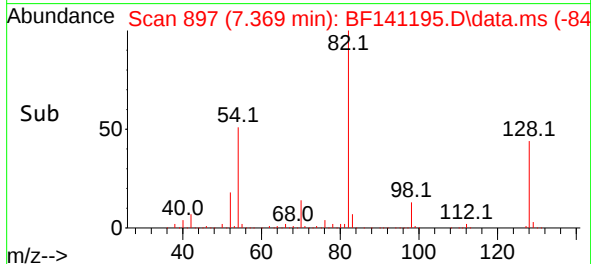
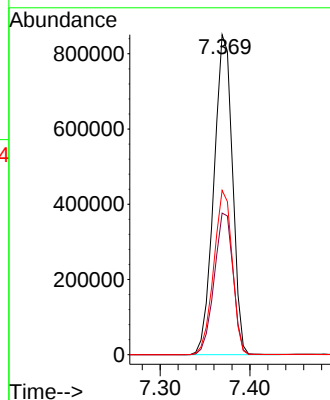
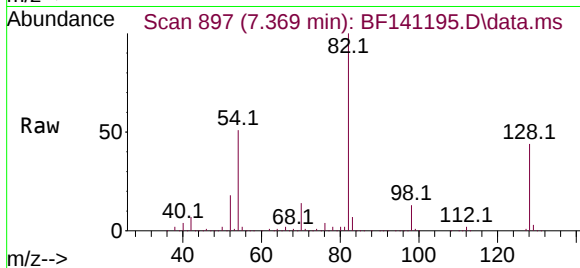
BNA_F

ClientSampleId :

366

Tgt Ion: 82 Resp: 1225986

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	51.4	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1317

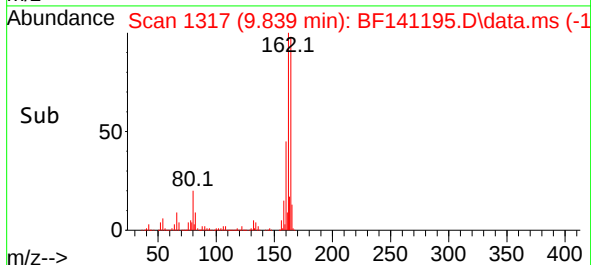
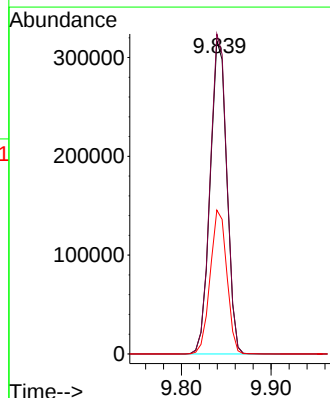
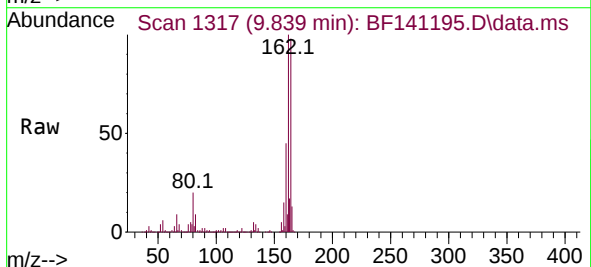
Delta R.T. -0.023 min

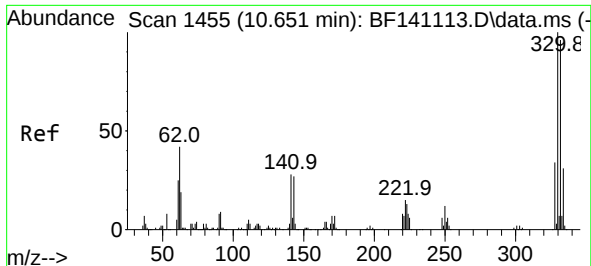
Lab File: BF141195.D

Acq: 17 Jan 2025 16:21

Tgt Ion:164 Resp: 409170

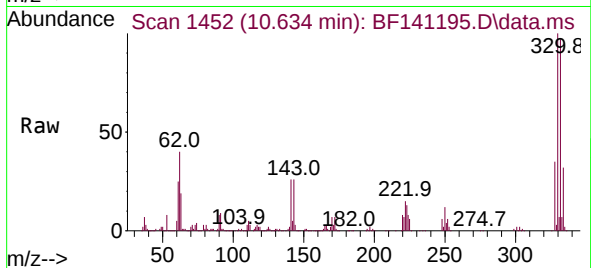
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.4
160	45.9	36.1	54.1



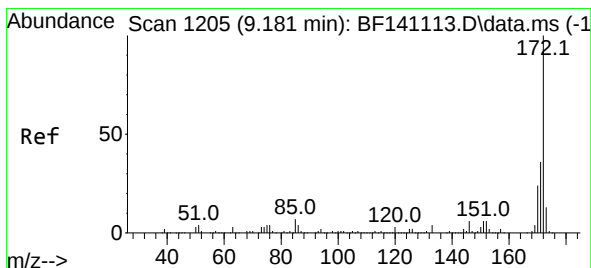
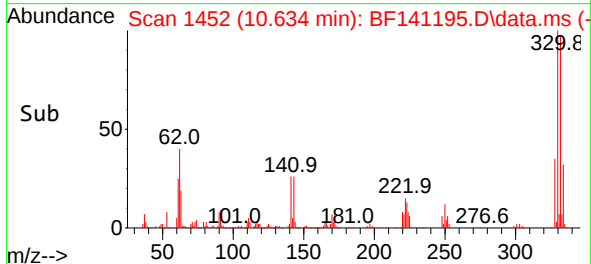
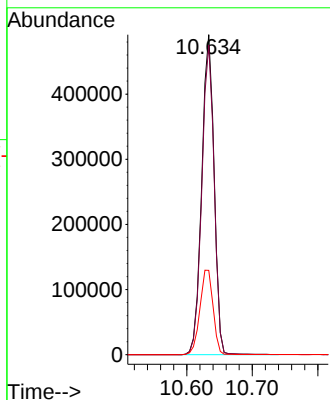


#42
2,4,6-Tribromophenol
Concen: 138.557 ng
RT: 10.634 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Instrument :
BNA_F
ClientSampleId :
366

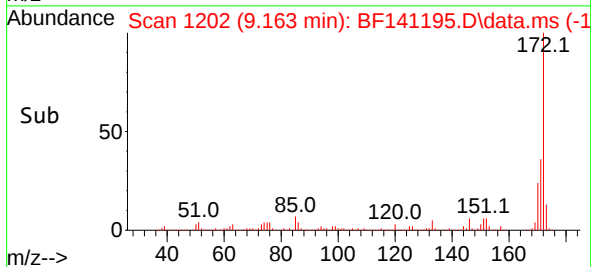
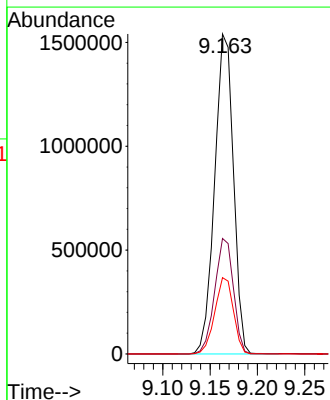
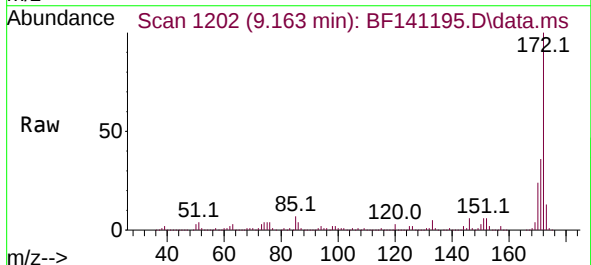


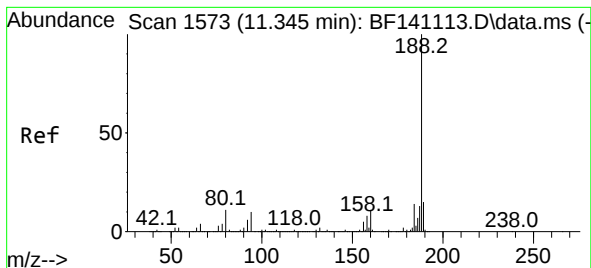
Tgt Ion:330 Resp: 645982
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.2 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 79.342 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Tgt Ion:172 Resp: 2125968
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 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: BF141195.D

Acq: 17 Jan 2025 16:21

Instrument :

BNA_F

ClientSampleId :

366

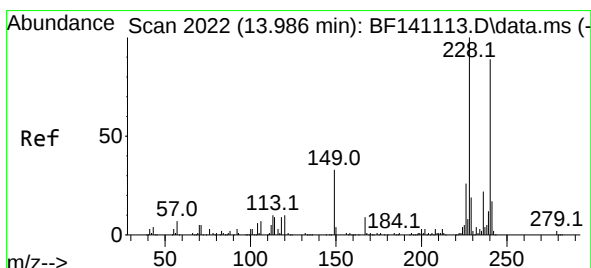
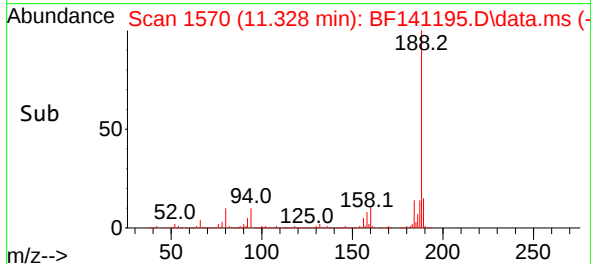
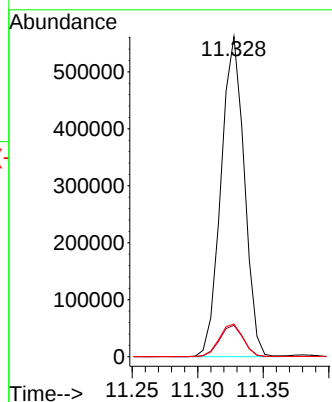
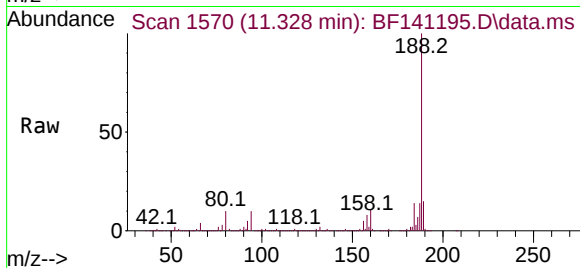
Tgt Ion:188 Resp: 692554

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.023 min

Lab File: BF141195.D

Acq: 17 Jan 2025 16:21

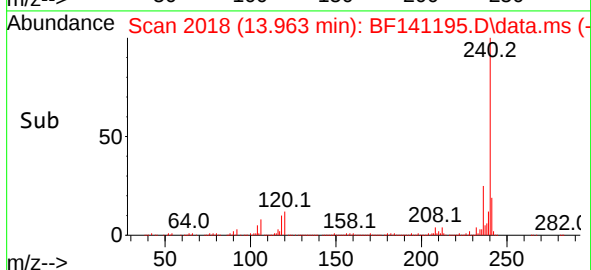
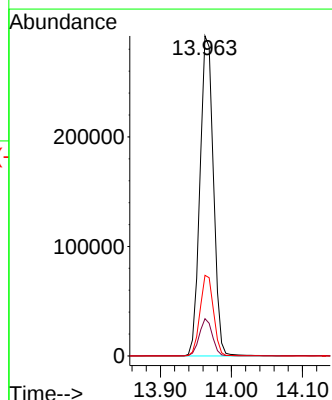
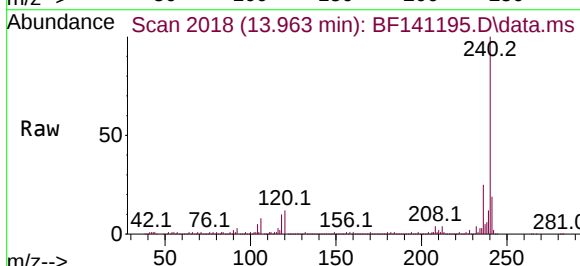
Tgt Ion:240 Resp: 386575

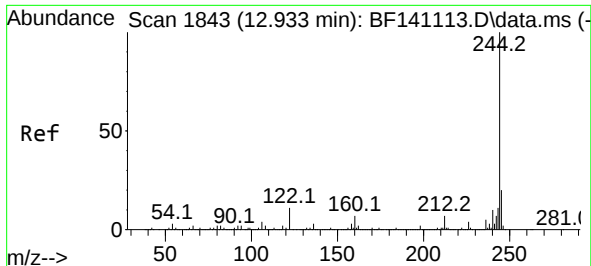
Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

236 25.2 19.8 29.6

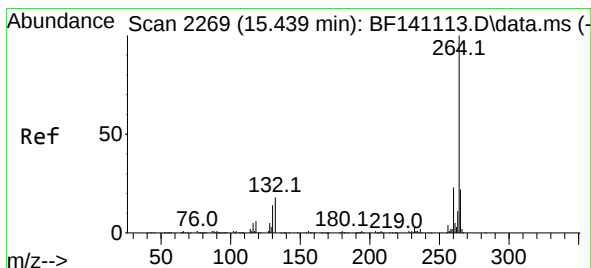
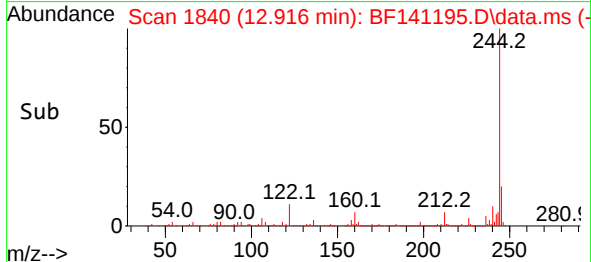
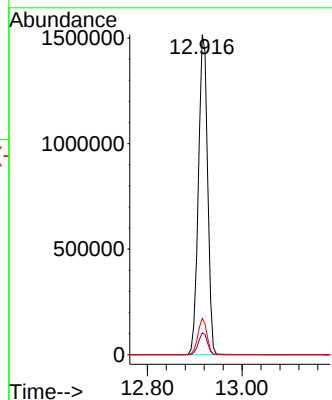
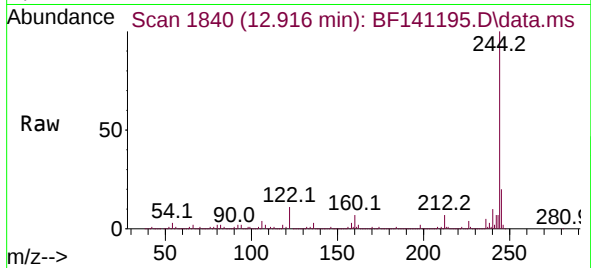




#79
Terphenyl-d14
Concen: 78.352 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Instrument :
BNA_F
ClientSampleId :
366

Tgt Ion:244 Resp: 2037870
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.4 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141195.D
Acq: 17 Jan 2025 16:21

Tgt Ion:264 Resp: 422556
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.4 26.0

