

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141169.D
 Acq On : 15 Jan 2025 12:11
 Operator : RC/JU
 Sample : PB166035BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BL

Quant Time: Jan 15 12:36:20 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	136764	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	539364	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	276861	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	476305	20.000	ng	0.00
76) Chrysene-d12	13.980	240	381699	20.000	ng	0.00
86) Perylene-d12	15.439	264	303475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1215399	137.284	ng	0.01
7) Phenol-d6	6.445	99	1520117	135.550	ng	0.00
23) Nitrobenzene-d5	7.381	82	981325	96.444	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	482388	152.913	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1769689	97.608	ng	0.00
79) Terphenyl-d14	12.933	244	2122117	82.634	ng	0.00

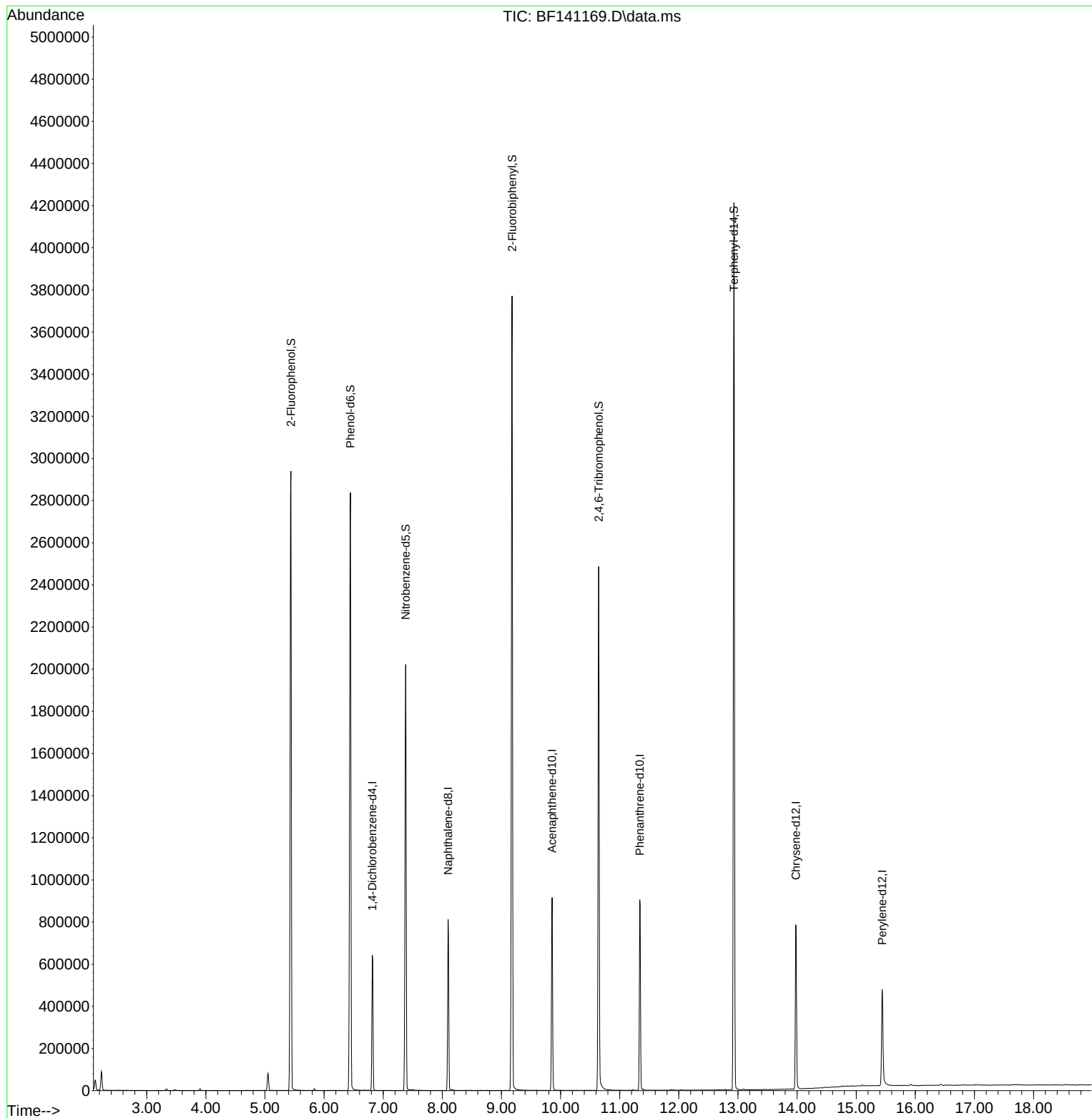
Target Compounds	Qvalue

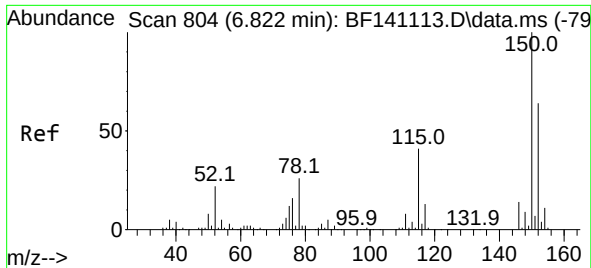
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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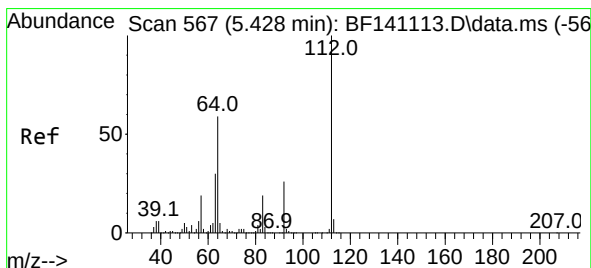
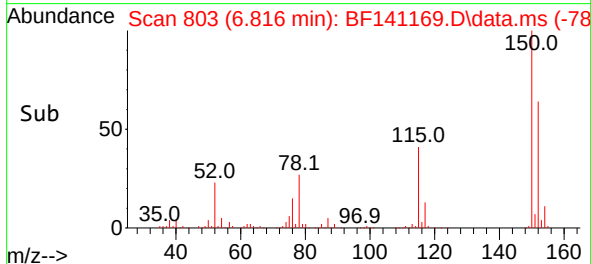
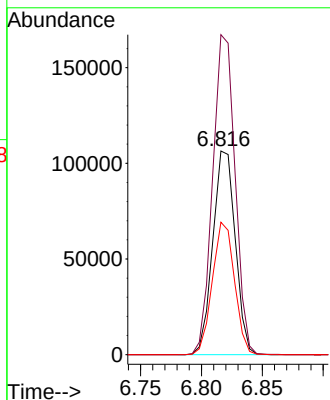
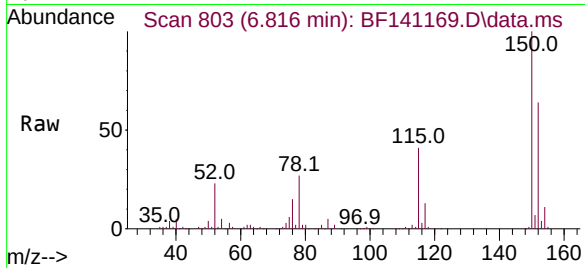




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

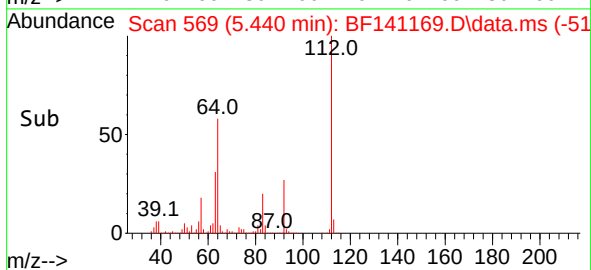
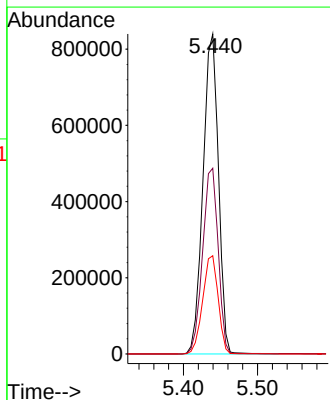
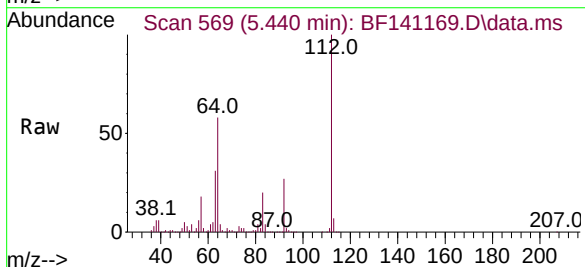
Instrument :
BNA_F
ClientSampleId :
PB166035BL

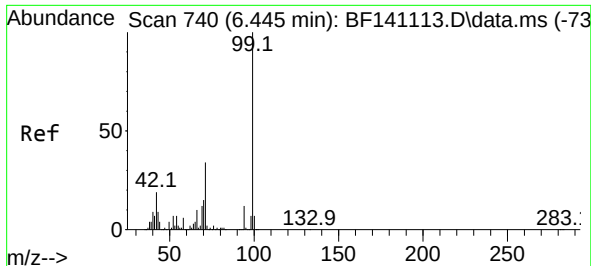
Tgt Ion:152 Resp: 136764
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.8
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 137.284 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion:112 Resp: 1215399
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.7 24.2 36.2



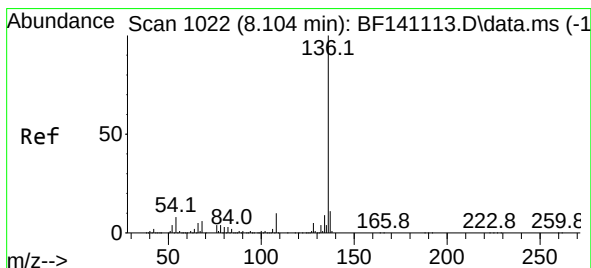
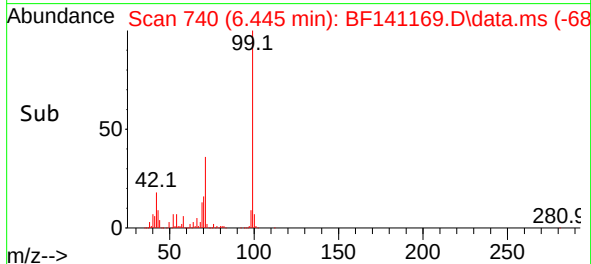
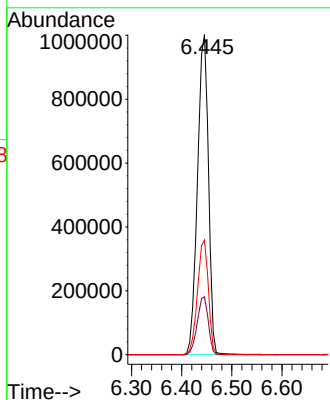
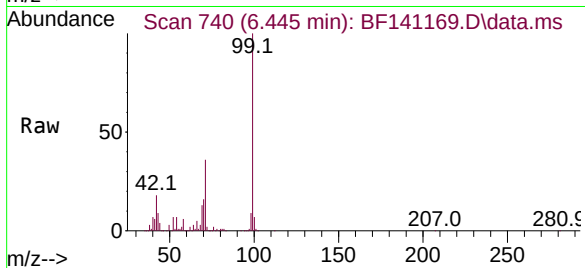


#7
Phenol-d6
Concen: 135.550 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB166035BL

Tgt Ion: 99 Resp: 1520117

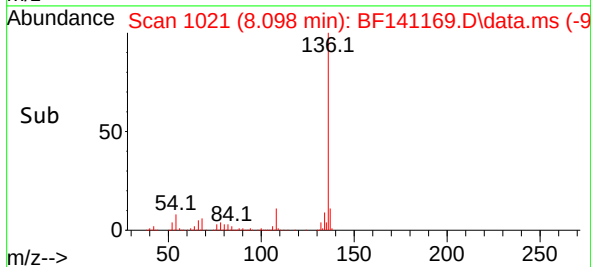
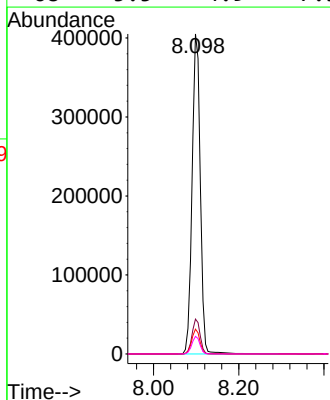
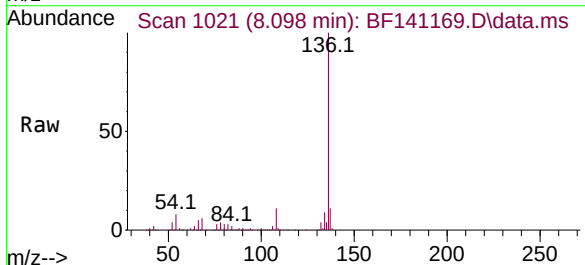
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.9	27.6	41.4

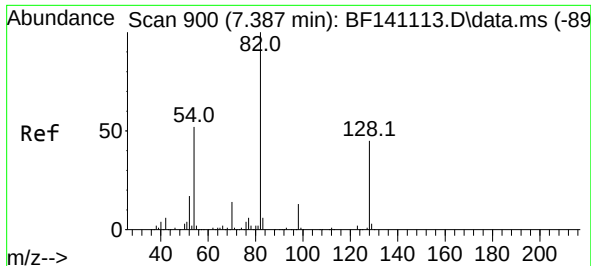


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion: 136 Resp: 539364

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.5	4.9	7.3





#23

Nitrobenzene-d5

Concen: 96.444 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB166035BL

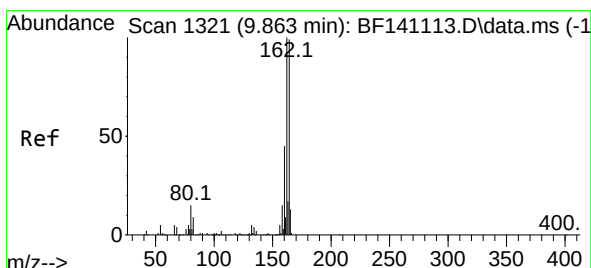
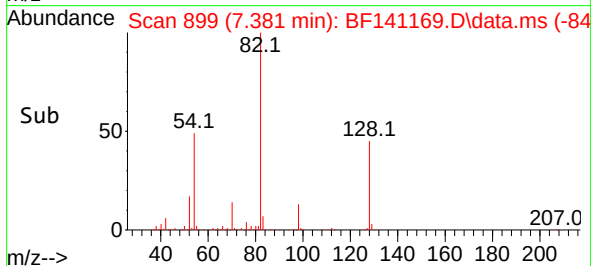
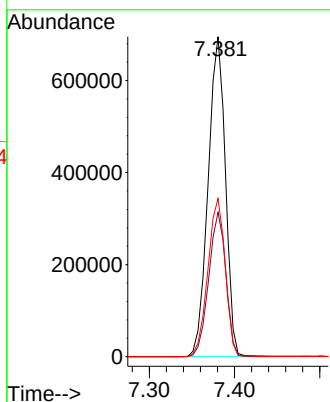
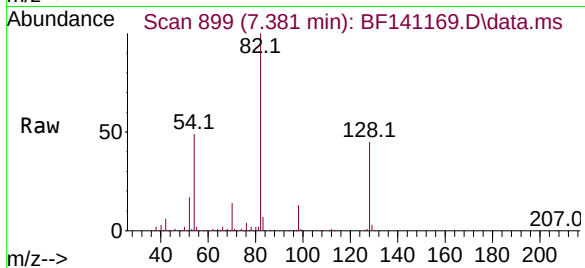
Tgt Ion: 82 Resp: 981325

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 49.4 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: BF141169.D

Acq: 15 Jan 2025 12:11

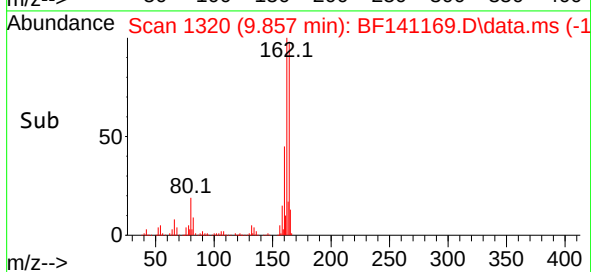
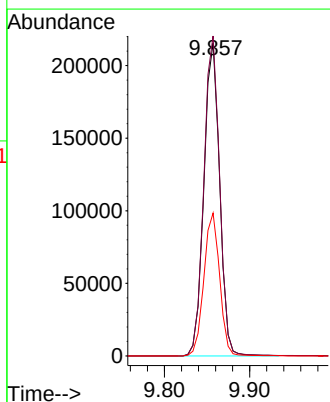
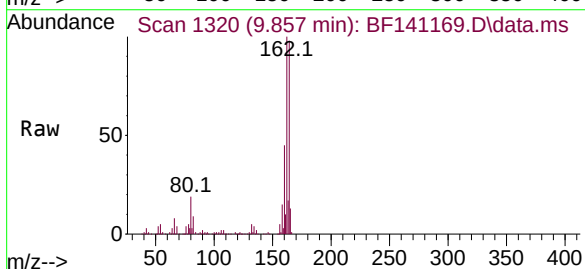
Tgt Ion: 164 Resp: 276861

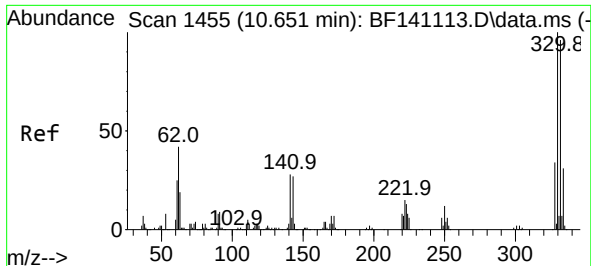
Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

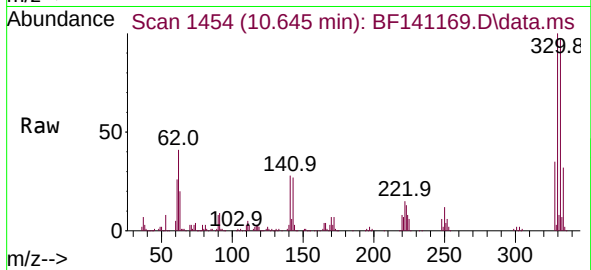
160 45.7 36.1 54.1



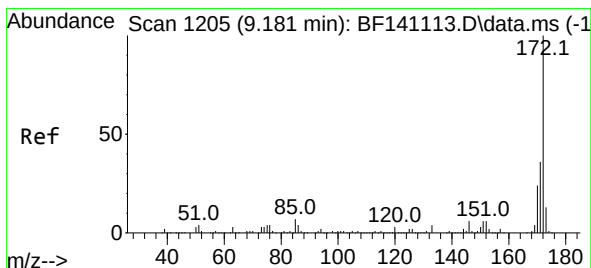
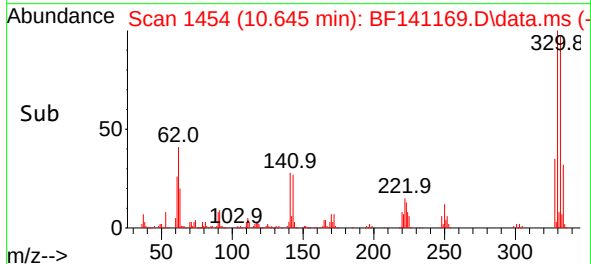
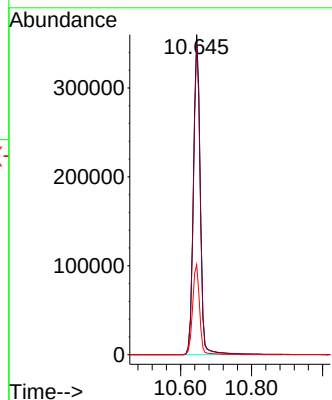


#42
 2,4,6-Tribromophenol
 Concen: 152.913 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF141169.D
 Acq: 15 Jan 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BL

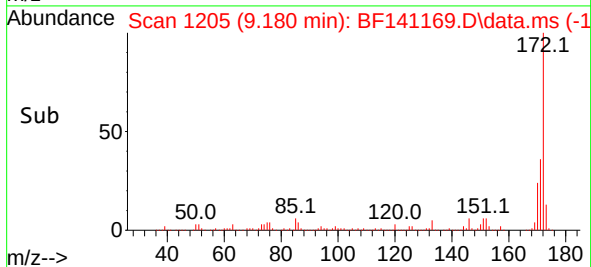
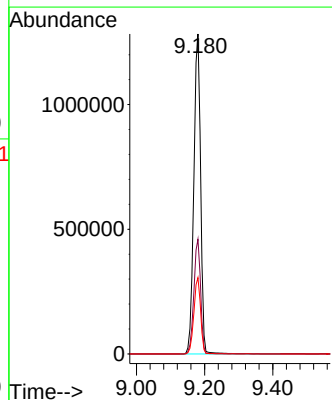
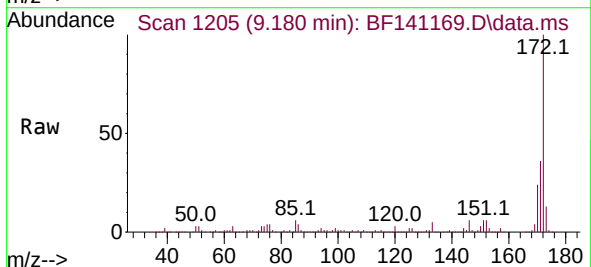


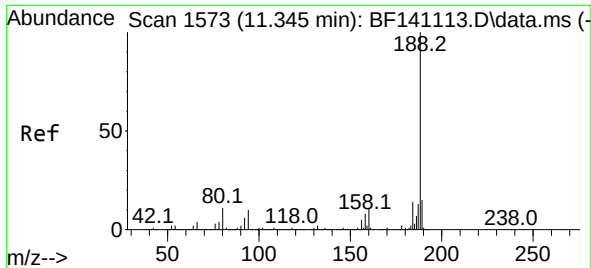
Tgt Ion:330 Resp: 482388
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 28.7 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 97.608 ng
 RT: 9.180 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: BF141169.D
 Acq: 15 Jan 2025 12:11

Tgt Ion:172 Resp: 1769689
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.7 43.1
 170 23.8 19.0 28.6

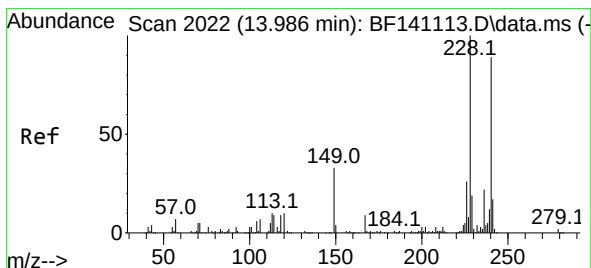
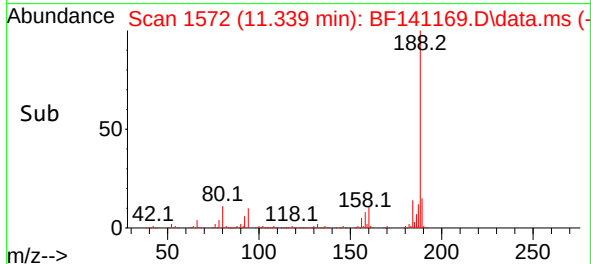
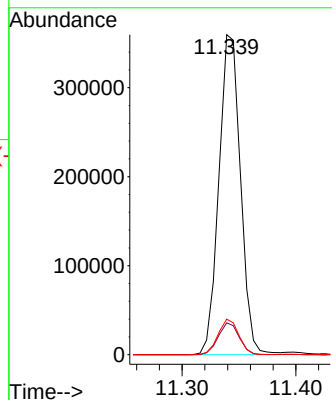
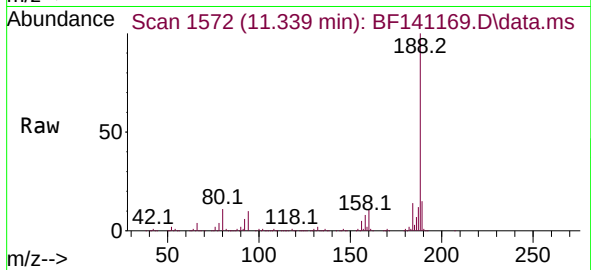




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

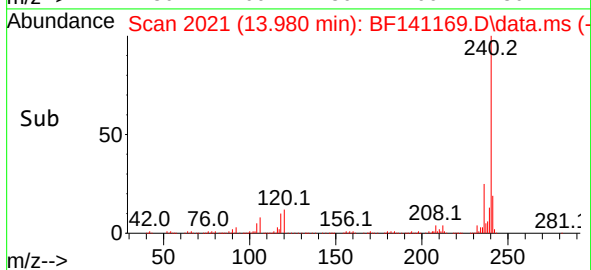
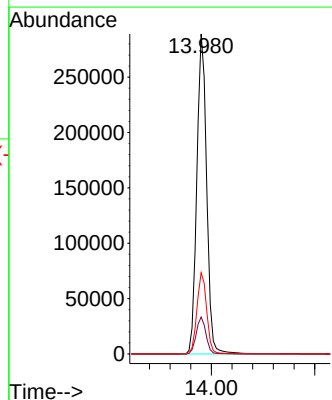
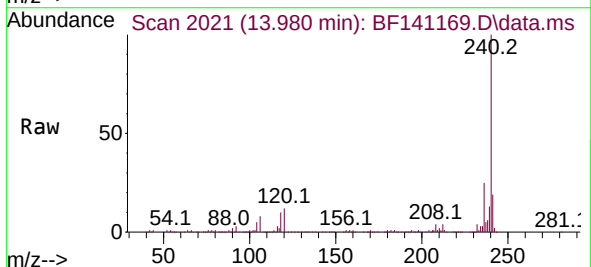
Instrument :
BNA_F
ClientSampleId :
PB166035BL

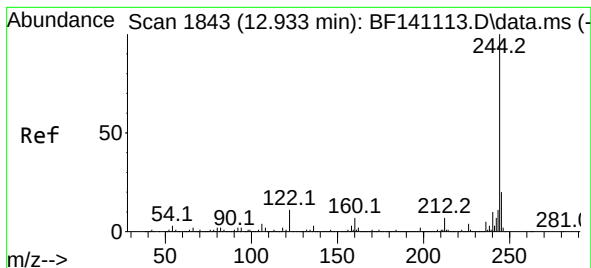
Tgt Ion:188 Resp: 476305
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion:240 Resp: 381699
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 25.4 19.8 29.6





#79

Terphenyl-d14

Concen: 82.634 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141169.D

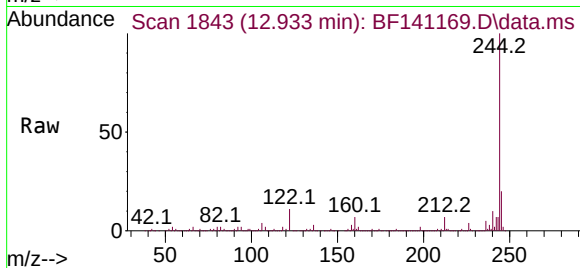
Acq: 15 Jan 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB166035BL



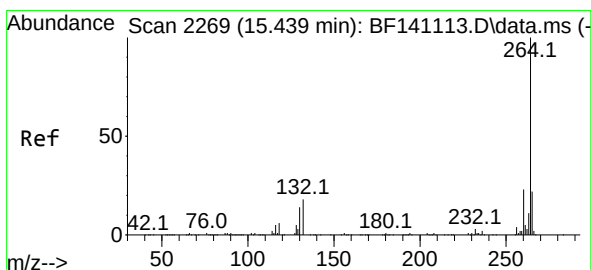
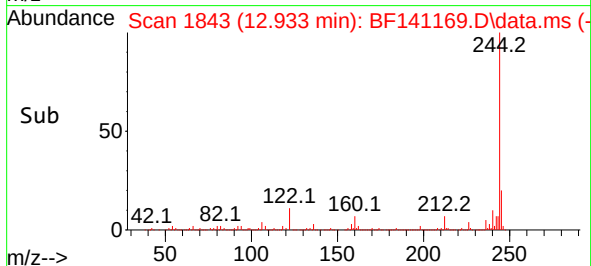
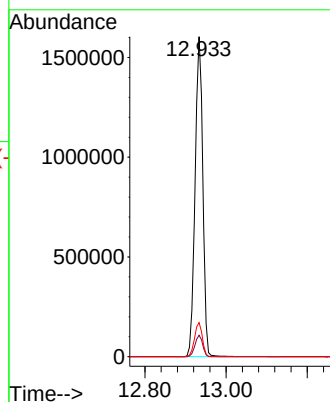
Tgt Ion:244 Resp: 2122117

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 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: BF141169.D

Acq: 15 Jan 2025 12:11

Tgt Ion:264 Resp: 303475

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.7 17.4 26.0

