

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141221.D
 Acq On : 20 Jan 2025 14:39
 Operator : RC/JU
 Sample : Q1122-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116

Quant Time: Jan 20 15:36:52 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	158020	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	629982	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	340789	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	587345	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	416765	20.000	ng	-0.02
86) Perylene-d12	15.427	264	333314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	524162	51.242	ng	-0.01
7) Phenol-d6	6.428	99	396612	30.609	ng	-0.02
23) Nitrobenzene-d5	7.369	82	1023619	86.130	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	625837	161.171	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	1970217	88.284	ng	-0.01
79) Terphenyl-d14	12.921	244	2253407	80.363	ng	-0.01

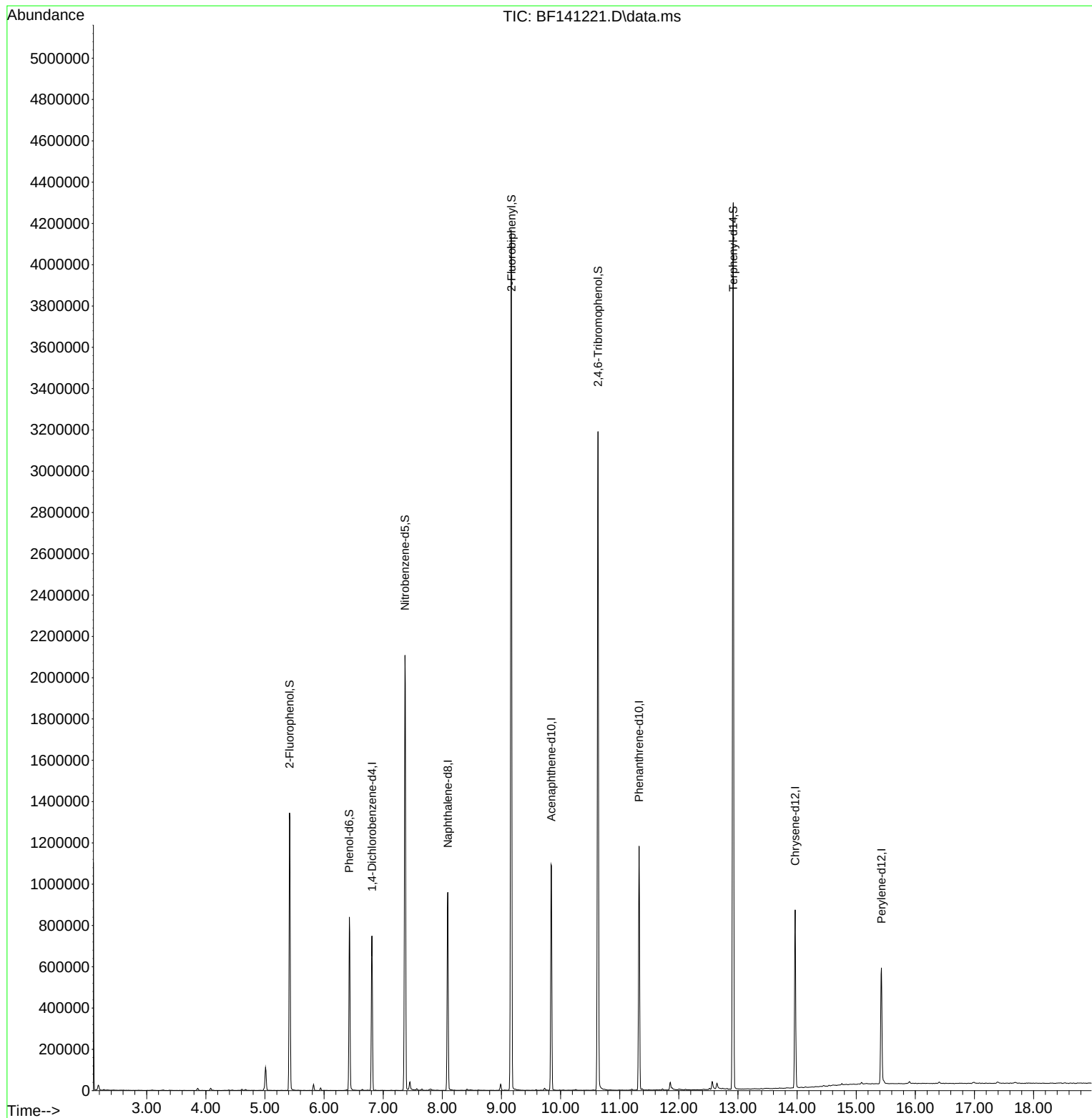
Target Compounds	Qvalue

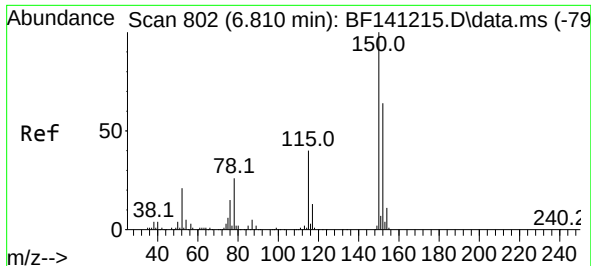
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141221.D
Acq On : 20 Jan 2025 14:39
Operator : RC/JU
Sample : Q1122-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

Quant Time: Jan 20 15:36:52 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

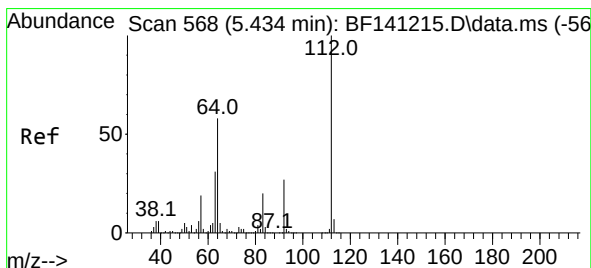
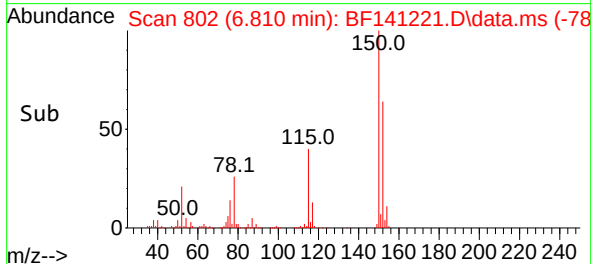
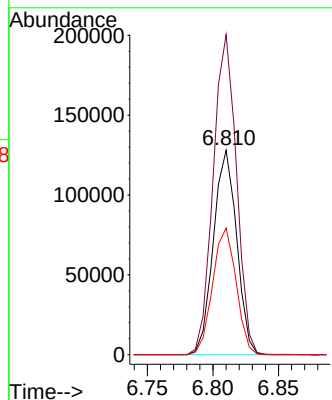
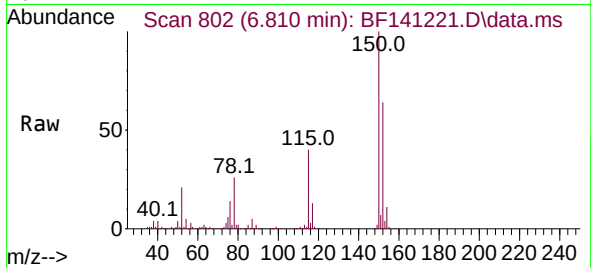




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

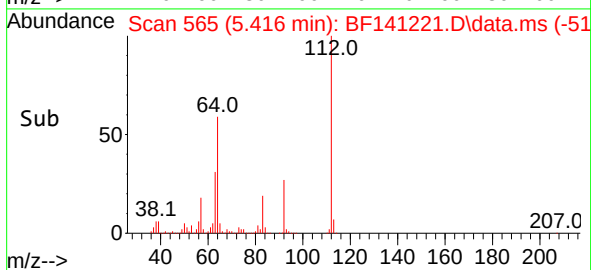
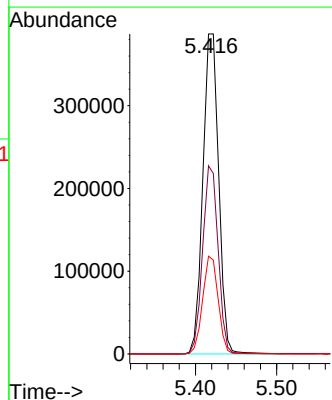
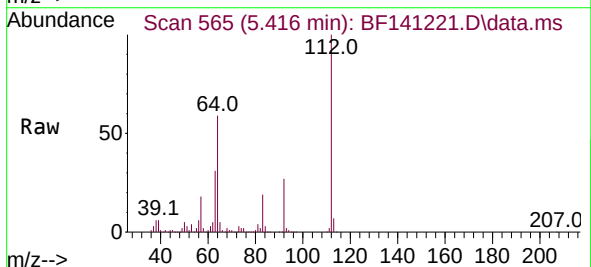
Instrument :
BNA_F
ClientSampleId :
RW10A-20250116

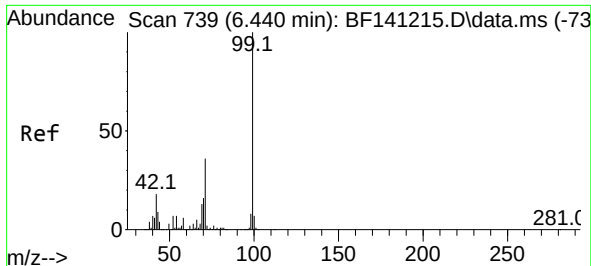
Tgt Ion:152 Resp: 158020
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.8
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 51.242 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

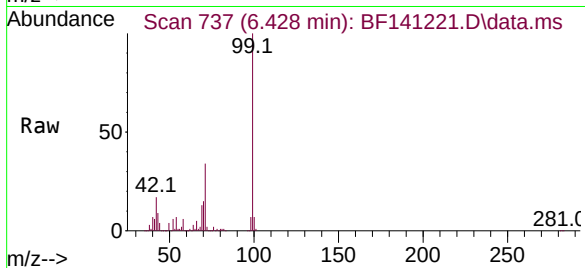
Tgt Ion:112 Resp: 524162
Ion Ratio Lower Upper
112 100
64 58.8 47.3 70.9
63 30.5 24.2 36.2





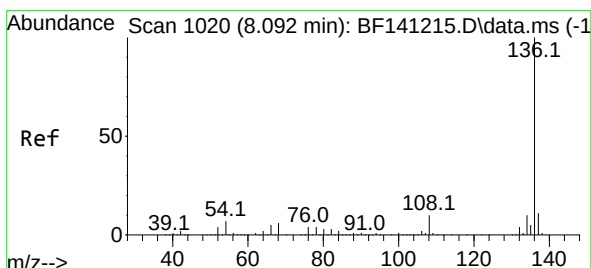
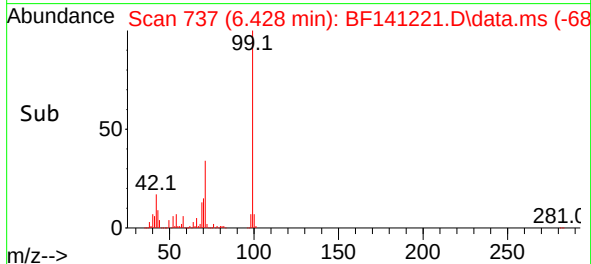
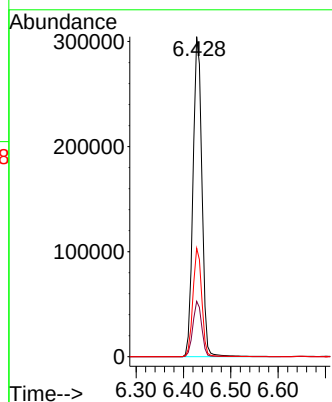
#7
Phenol-d6
Concen: 30.609 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Instrument :
BNA_F
ClientSampleId :
RW10A-20250116



Tgt Ion: 99 Resp: 396612

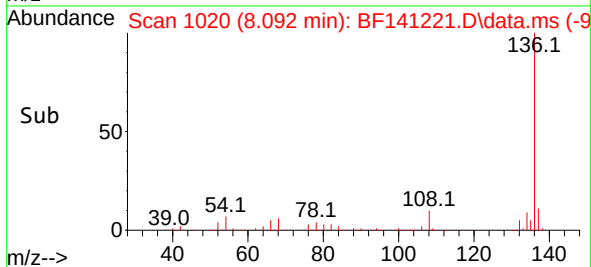
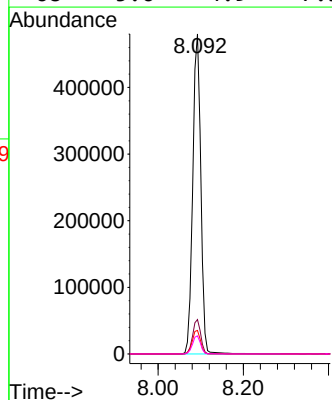
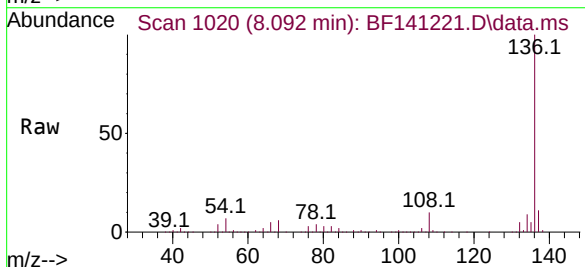
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	33.9	27.6	41.4

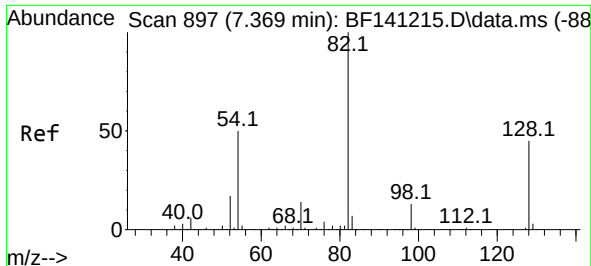


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141221.D
Acq: 20 Jan 2025 14:39

Tgt Ion: 136 Resp: 629982

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	6.3	9.5
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 86.130 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

Instrument :

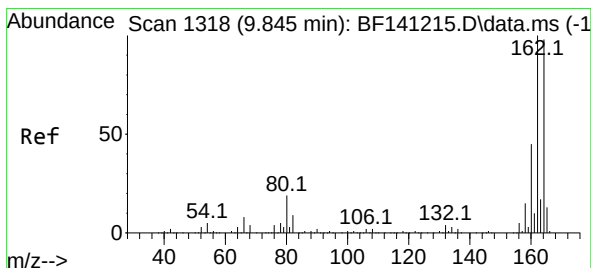
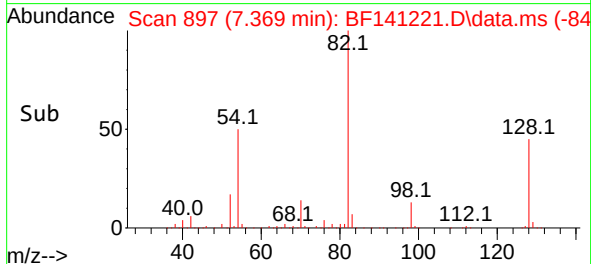
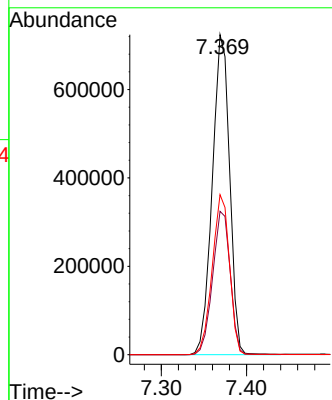
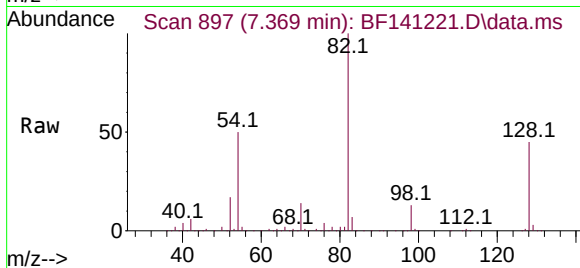
BNA_F

ClientSampleId :

RW10A-20250116

Tgt Ion: 82 Resp: 1023619

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	50.0	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1318

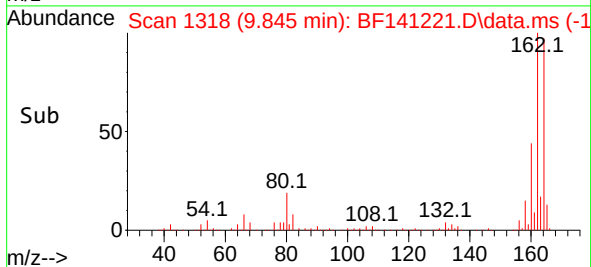
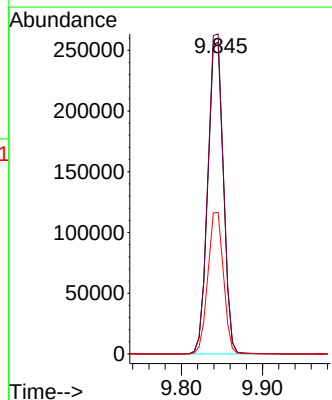
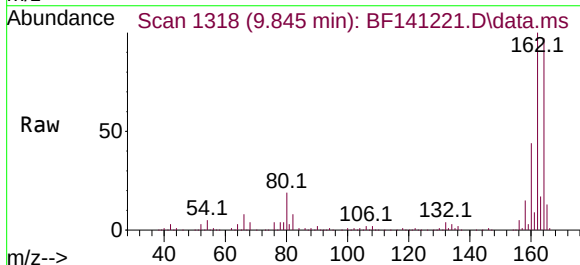
Delta R.T. -0.018 min

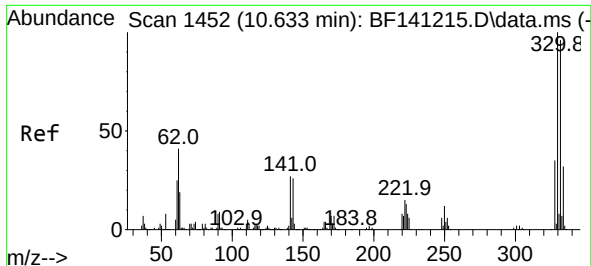
Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

Tgt Ion: 164 Resp: 340789

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.0	121.4
160	45.5	36.1	54.1

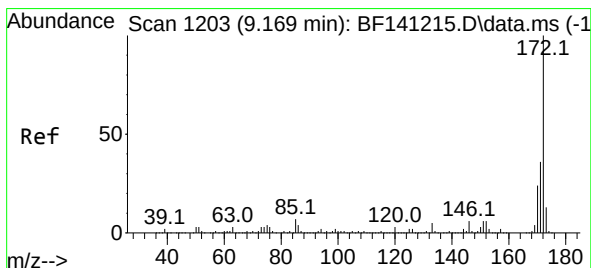
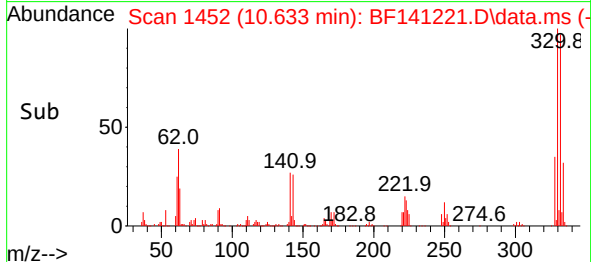
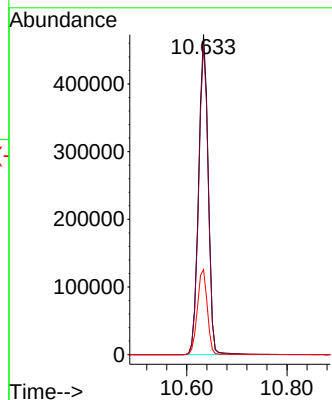
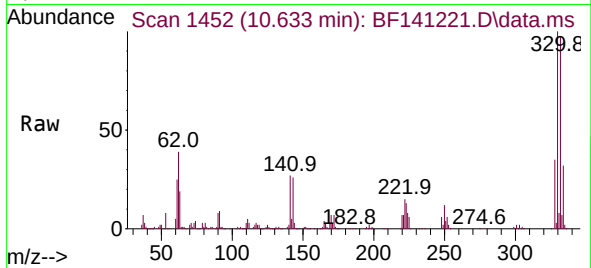




#42
 2,4,6-Tribromophenol
 Concen: 161.171 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

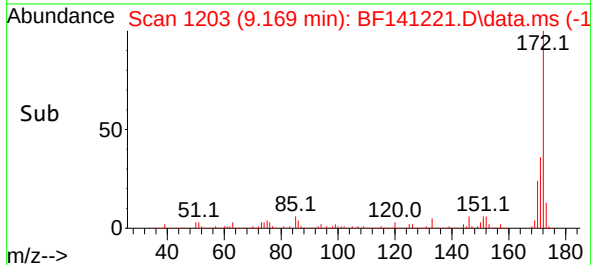
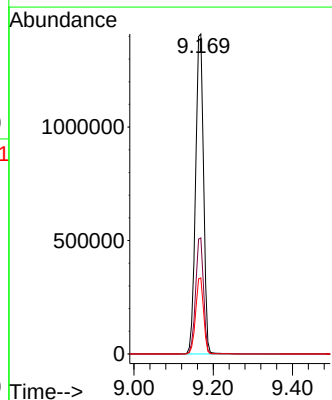
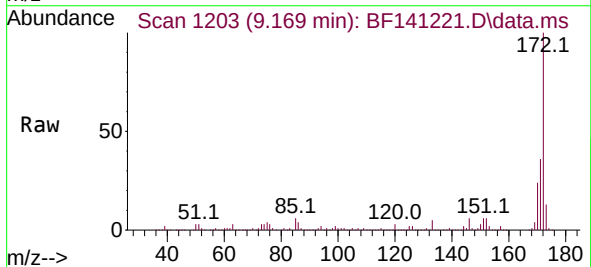
Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116

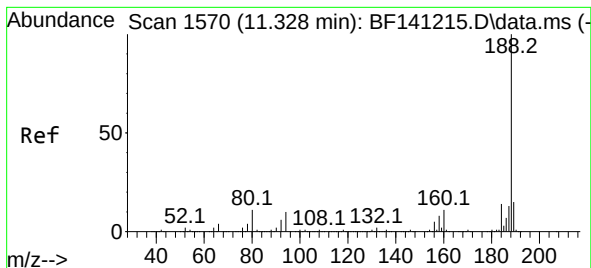
Tgt Ion: 330 Resp: 625837
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 27.7 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 88.284 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

Tgt Ion: 172 Resp: 1970217
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RW10A-20250116

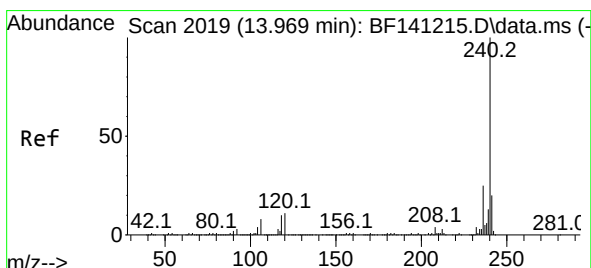
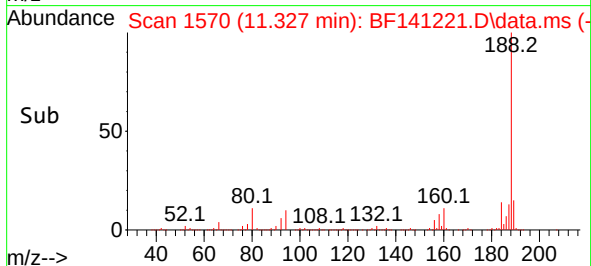
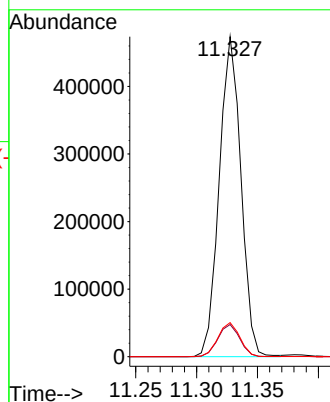
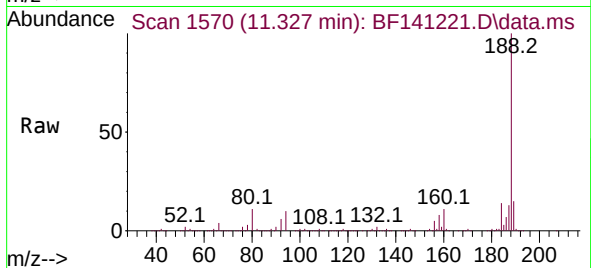
Tgt Ion:188 Resp: 587345

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141221.D

Acq: 20 Jan 2025 14:39

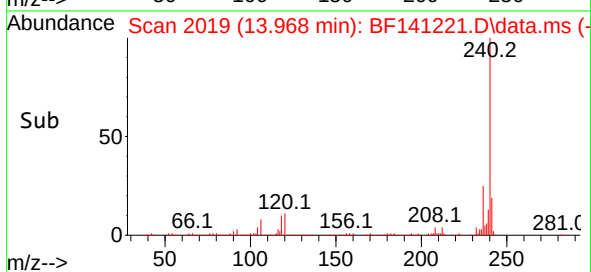
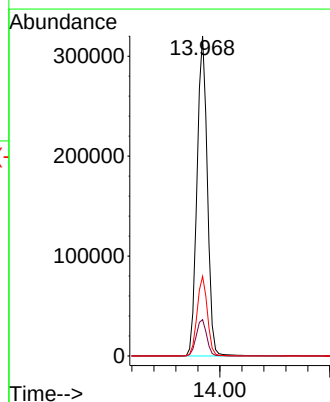
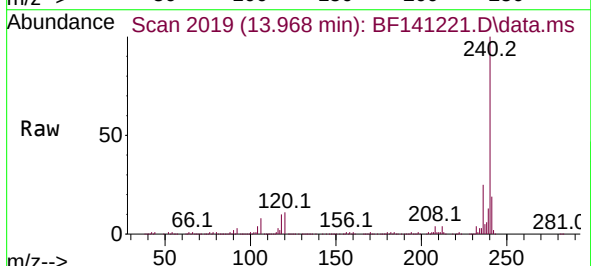
Tgt Ion:240 Resp: 416765

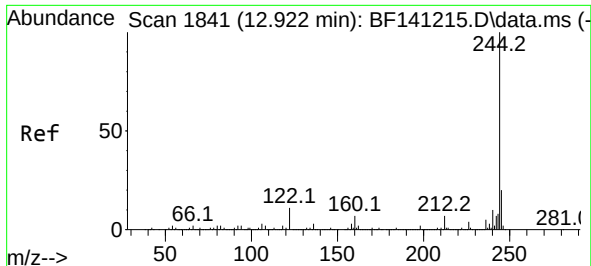
Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

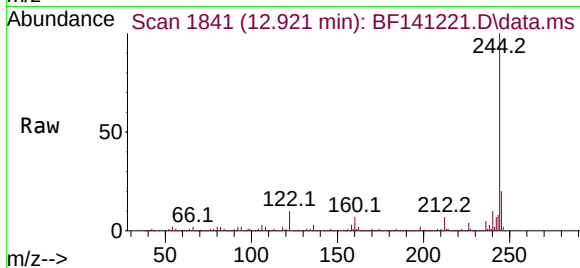
236 24.9 19.8 29.6



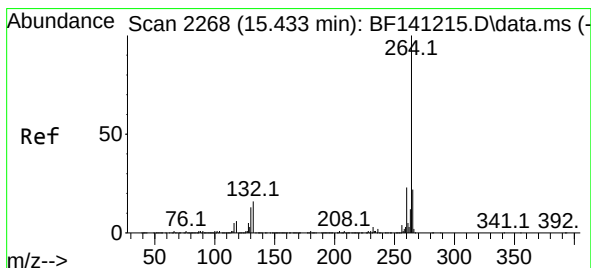
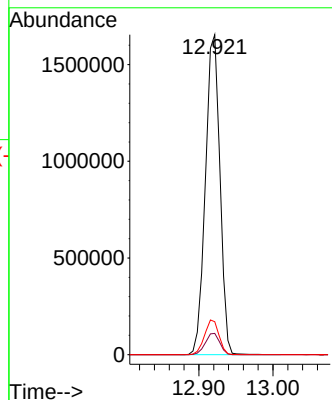
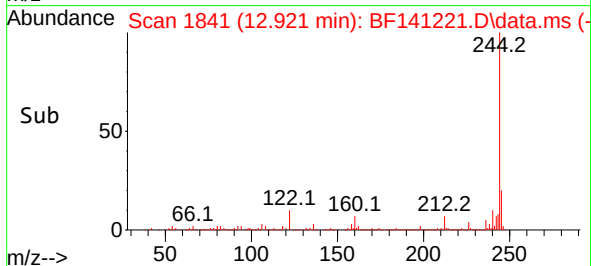


#79
 Terphenyl-d14
 Concen: 80.363 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39

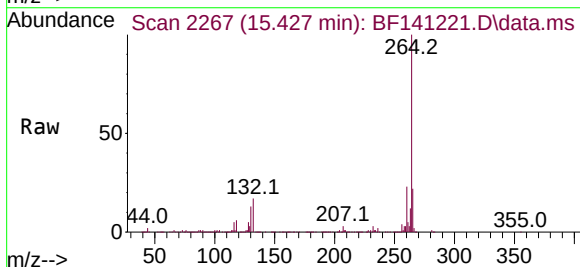
Instrument :
 BNA_F
 ClientSampleId :
 RW10A-20250116



Tgt Ion:244 Resp: 2253407
 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: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141221.D
 Acq: 20 Jan 2025 14:39



Tgt Ion:264 Resp: 333314
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.4 26.0

