

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141213.D
 Acq On : 20 Jan 2025 11:03
 Operator : RC/JU
 Sample : PB166115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166115BL

Quant Time: Jan 20 11:32:59 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	162829	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	650069	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	350613	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	609458	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	442806	20.000	ng	-0.02
86) Perylene-d12	15.433	264	340853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1416297	134.368	ng	0.00
7) Phenol-d6	6.440	99	1763897	132.110	ng	0.00
23) Nitrobenzene-d5	7.369	82	1153439	94.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	610447	152.803	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2164186	94.258	ng	-0.01
79) Terphenyl-d14	12.921	244	2617594	87.861	ng	-0.01

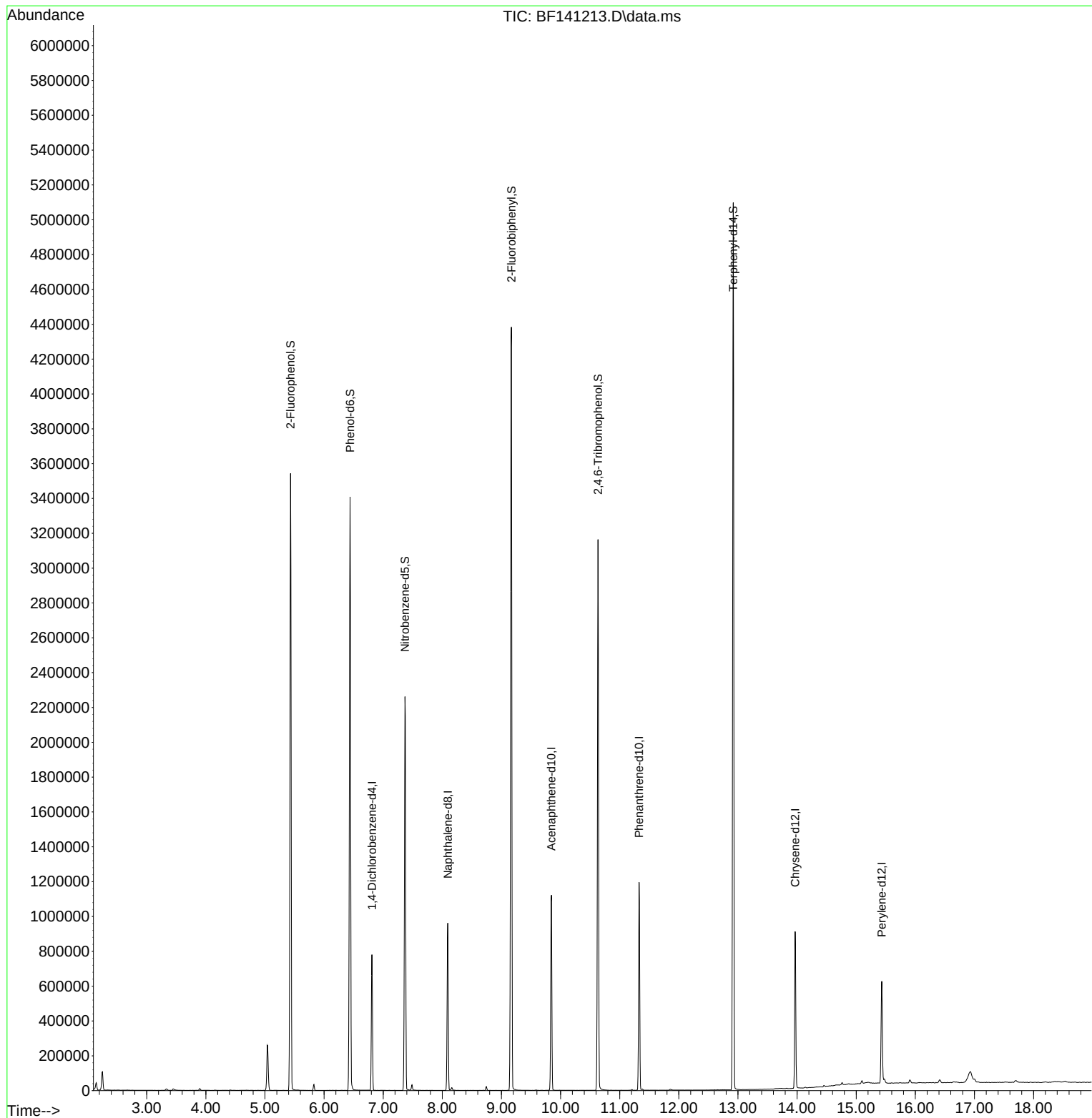
Target Compounds	Qvalue

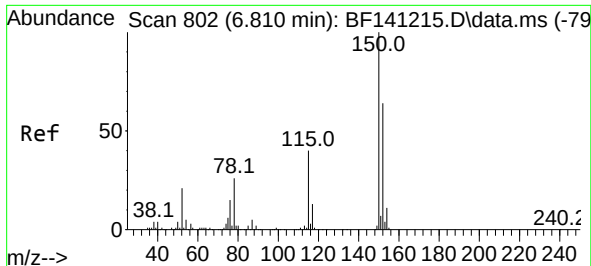
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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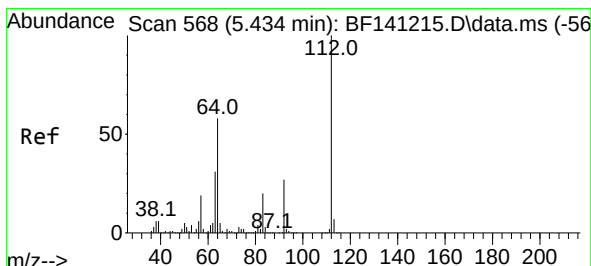
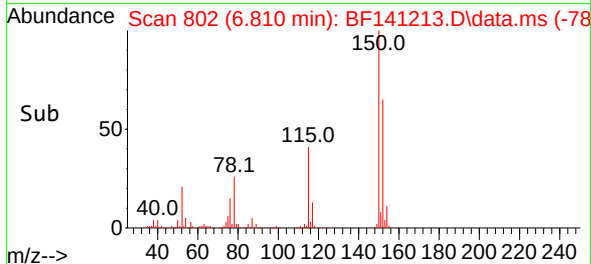
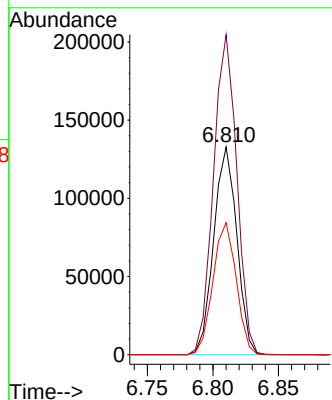
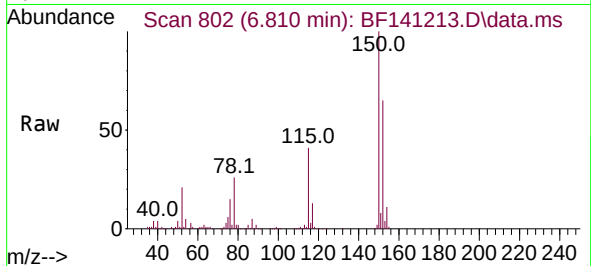




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

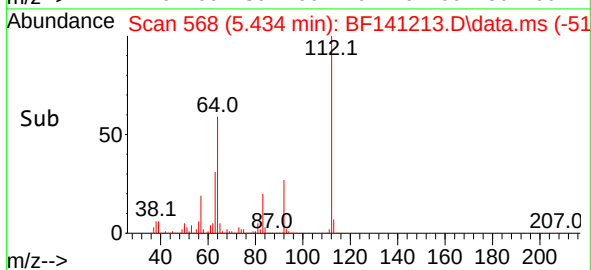
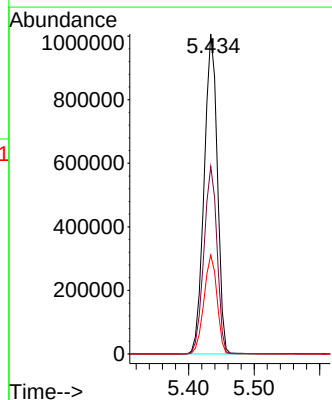
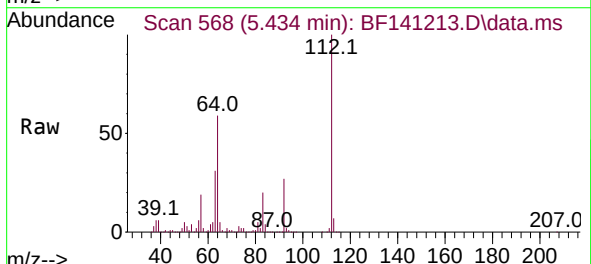
Instrument :
BNA_F
ClientSampleId :
PB166115BL

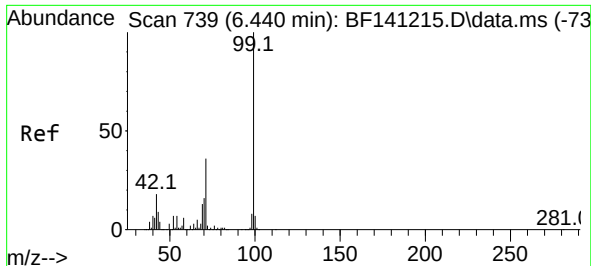
Tgt Ion:152 Resp: 162829
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.8
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 134.368 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion:112 Resp: 1416297
Ion Ratio Lower Upper
112 100
64 58.6 47.3 70.9
63 30.9 24.2 36.2



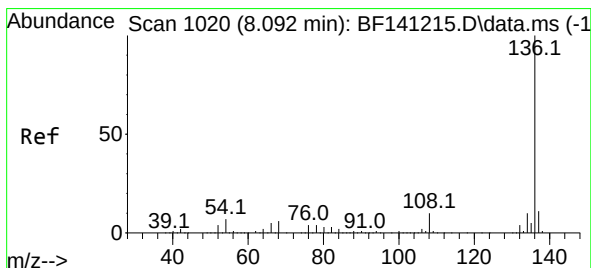
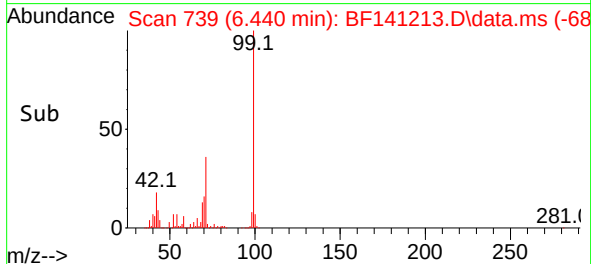
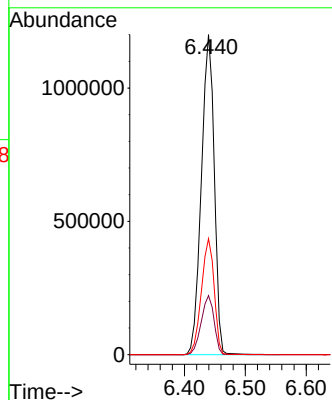
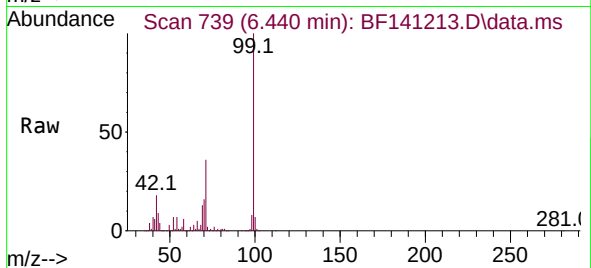


#7
Phenol-d6
Concen: 132.110 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Instrument :
BNA_F
ClientSampleId :
PB166115BL

Tgt Ion: 99 Resp: 1763897

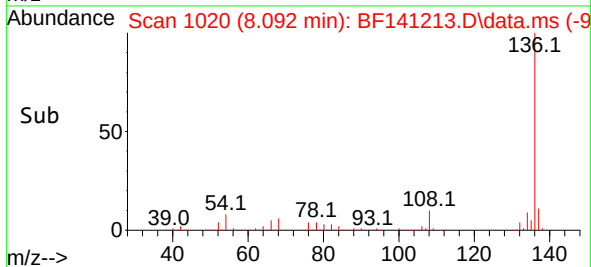
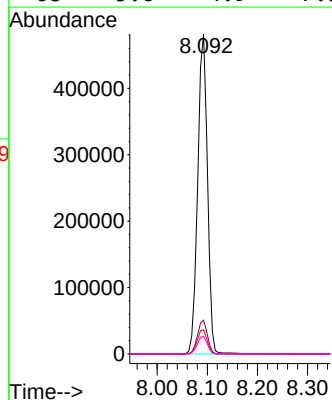
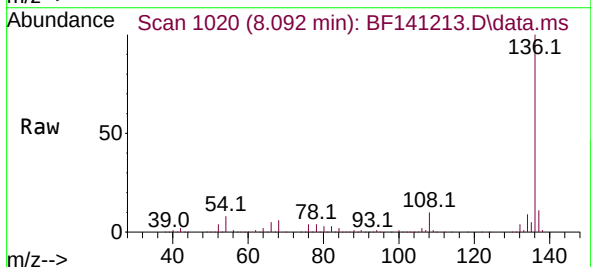
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	36.3	27.6	41.4

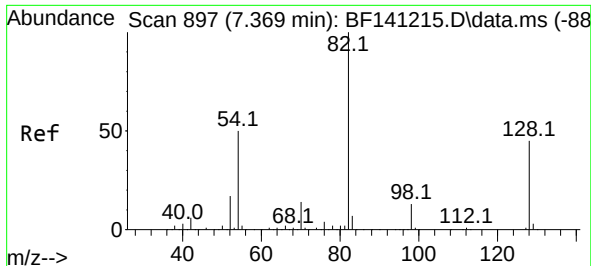


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

Tgt Ion: 136 Resp: 650069

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	6.3	9.5
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 94.055 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

Instrument :

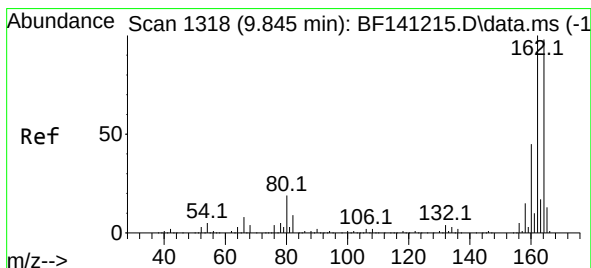
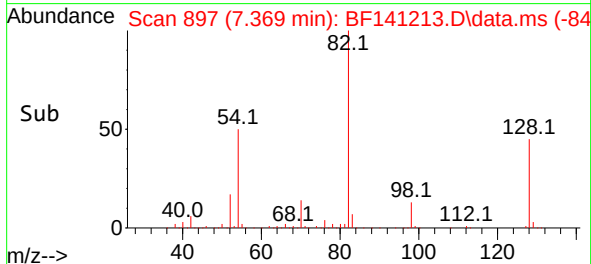
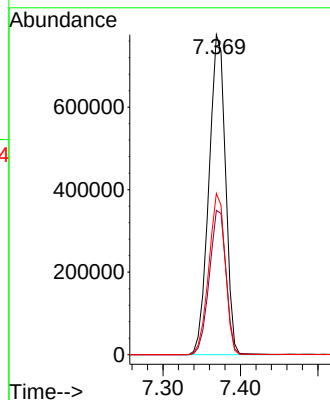
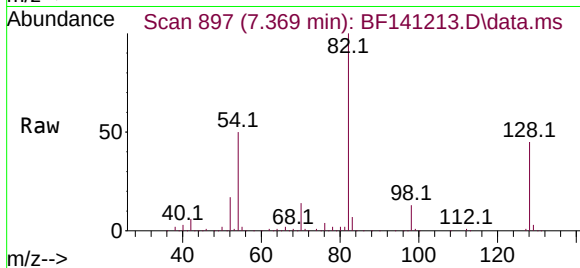
BNA_F

ClientSampleId :

PB166115BL

Tgt Ion: 82 Resp: 1153439

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	50.4	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1318

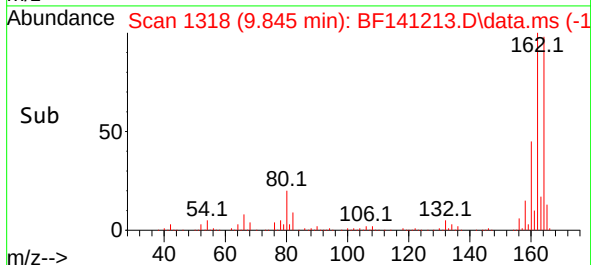
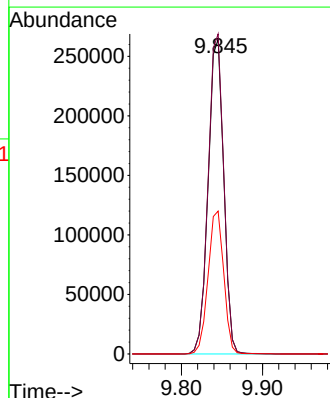
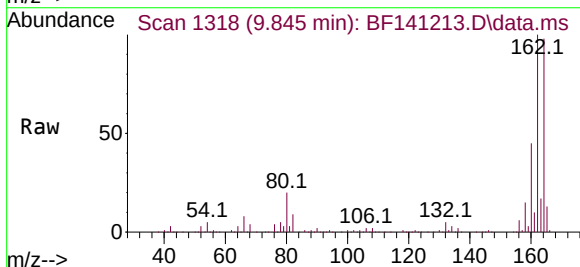
Delta R.T. -0.018 min

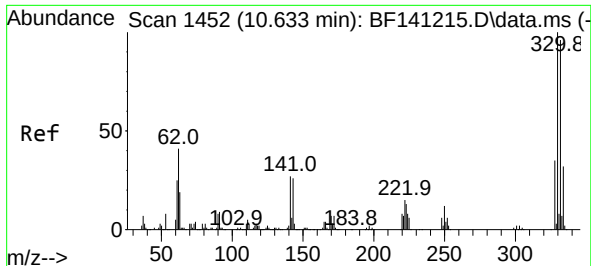
Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

Tgt Ion: 164 Resp: 350613

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.4	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 152.803 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB166115BL

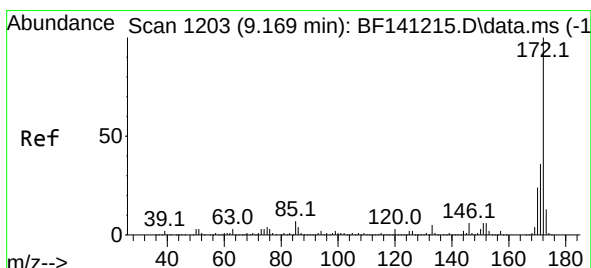
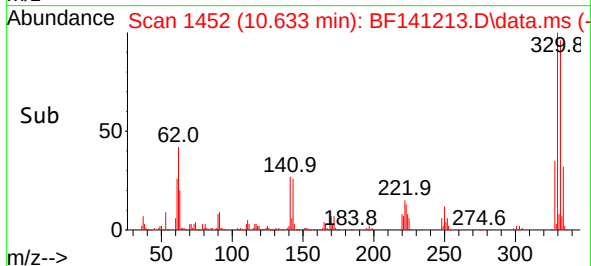
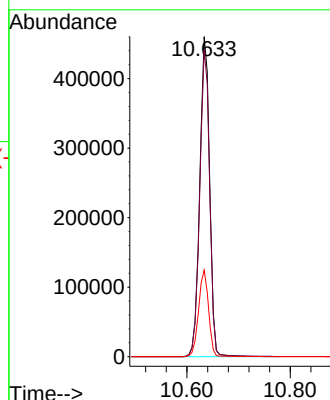
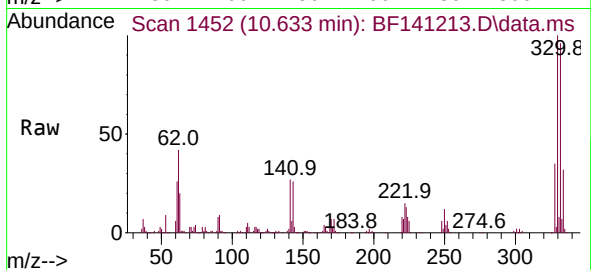
Tgt Ion:330 Resp: 610447

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 27.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 94.258 ng

RT: 9.169 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BF141213.D

Acq: 20 Jan 2025 11:03

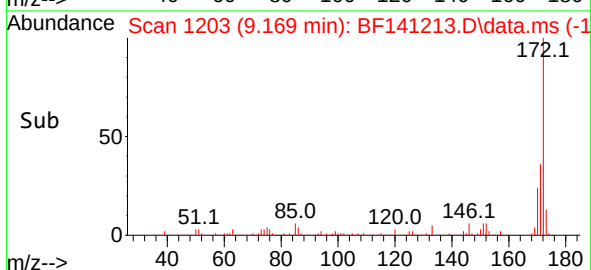
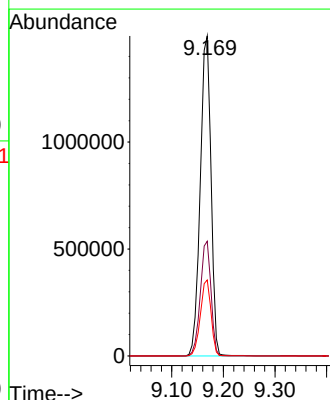
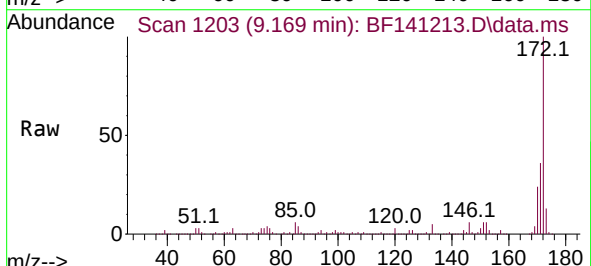
Tgt Ion:172 Resp: 2164186

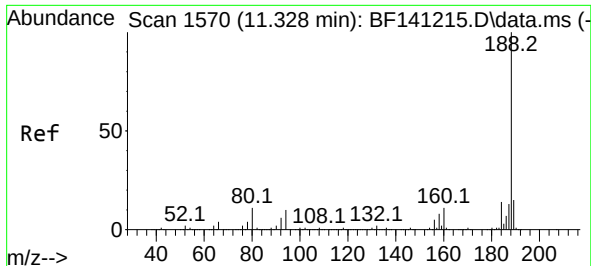
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.8 19.0 28.6

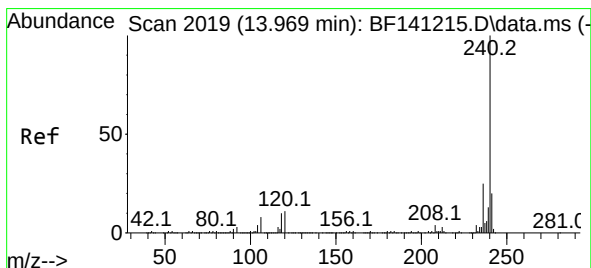
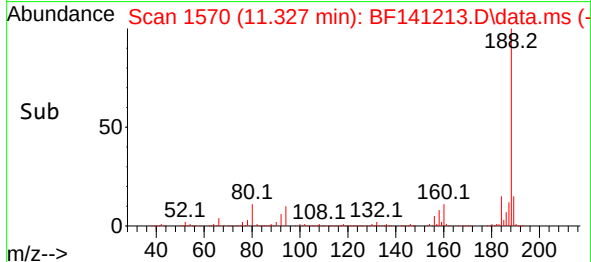
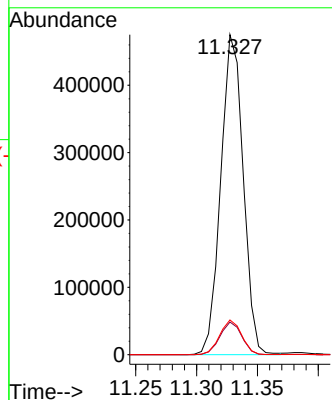
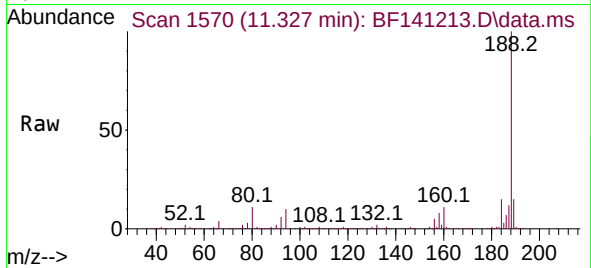




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

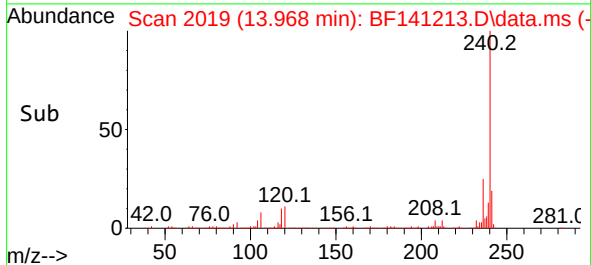
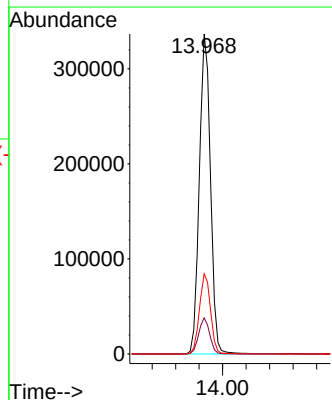
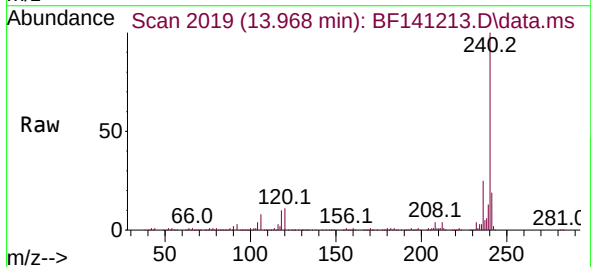
Instrument :
BNA_F
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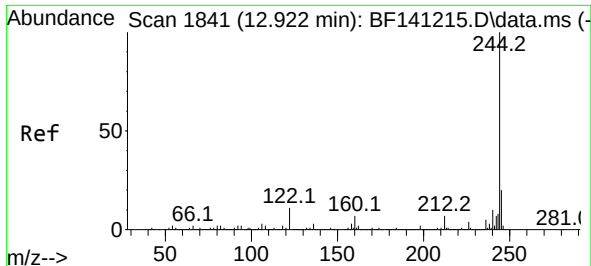
Tgt Ion:188 Resp: 609458
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141213.D
Acq: 20 Jan 2025 11:03

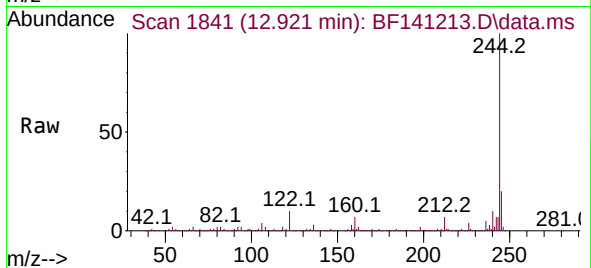
Tgt Ion:240 Resp: 442806
Ion Ratio Lower Upper
240 100
120 11.3 9.1 13.7
236 25.0 19.8 29.6





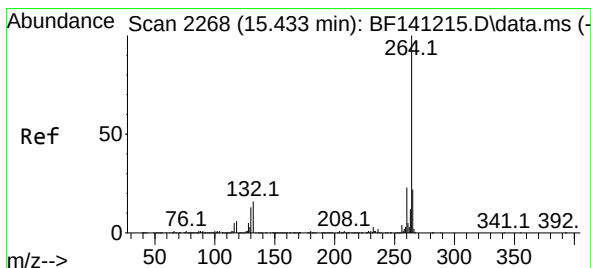
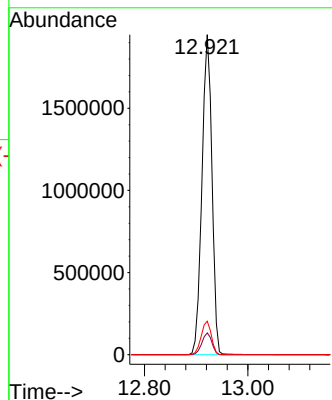
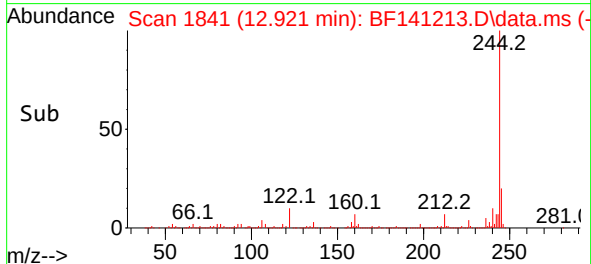
#79
 Terphenyl-d14
 Concen: 87.861 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB166115BL

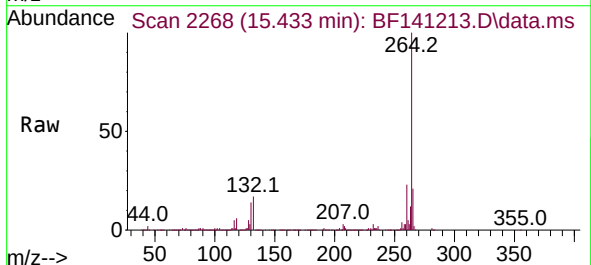


Tgt Ion:244 Resp: 2617594

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.5	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141213.D
 Acq: 20 Jan 2025 11:03



Tgt Ion:264 Resp: 340853

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.4	26.0

