

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141217.D
 Acq On : 20 Jan 2025 12:49
 Operator : RC/JU
 Sample : PB166117BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166117BL

Quant Time: Jan 20 13:12:06 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	6.810	152	159319	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	644023	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	342991	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	588711	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	419427	20.000	ng	-0.02
86) Perylene-d12	15.433	264	332363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1480123	143.517	ng	0.00
7) Phenol-d6	6.440	99	1843280	141.098	ng	0.00
23) Nitrobenzene-d5	7.369	82	1188109	97.791	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	632313	161.793	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2213976	98.569	ng	-0.01
79) Terphenyl-d14	12.922	244	2605646	92.335	ng	-0.01

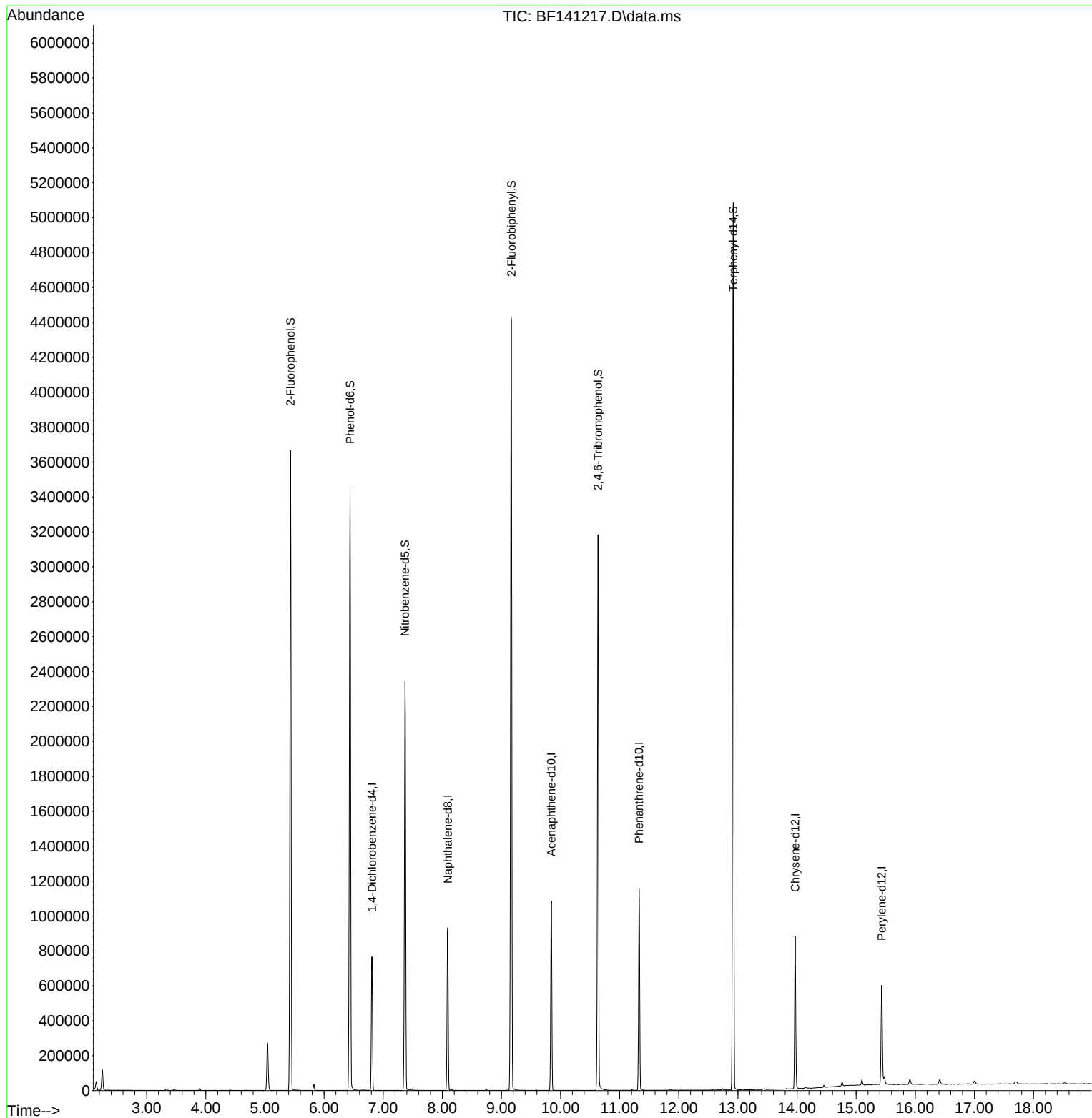
Target Compounds	Qvalue

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

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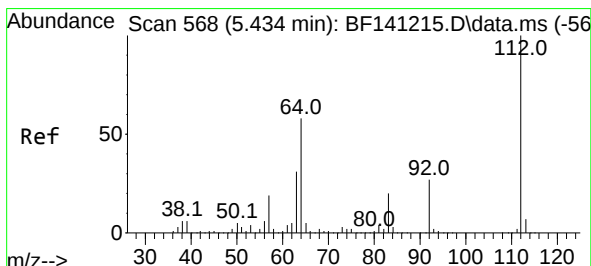
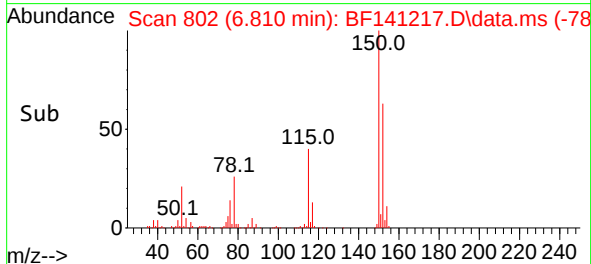
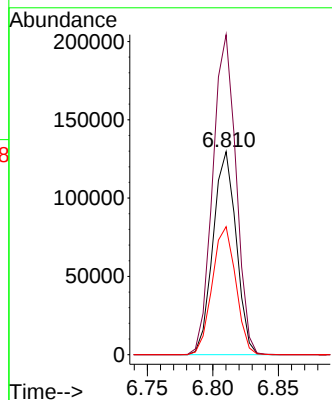
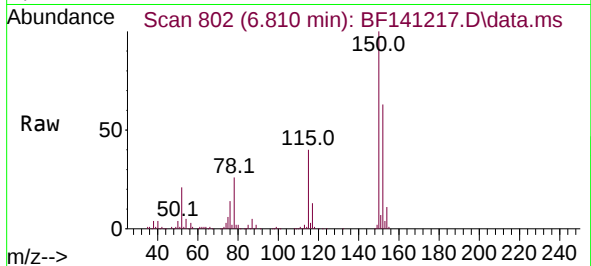




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

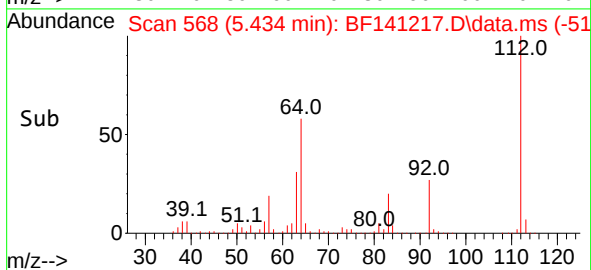
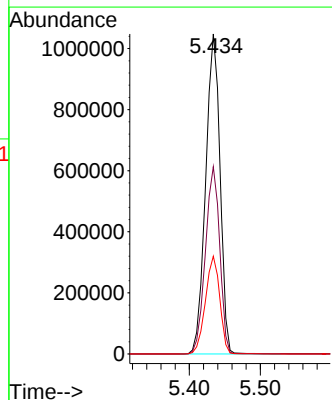
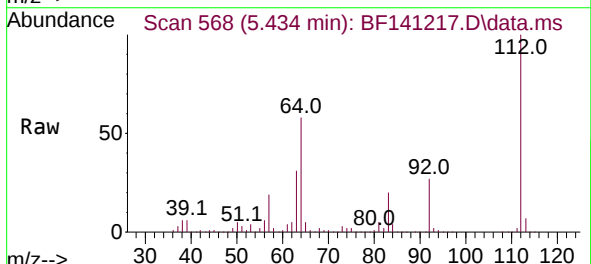
Instrument :
BNA_F
ClientSampleId :
PB166117BL

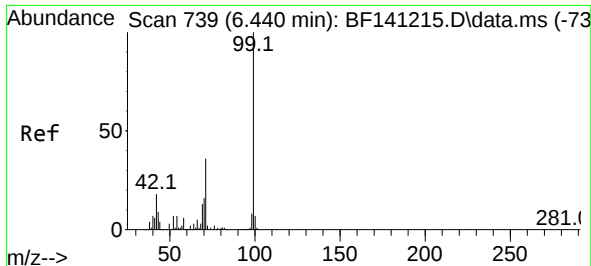
Tgt Ion:152 Resp: 159319
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.8
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 143.517 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion:112 Resp: 1480123
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.5 24.2 36.2



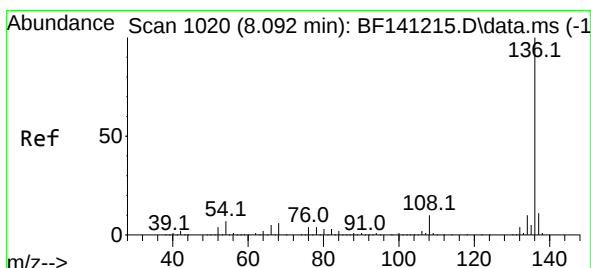
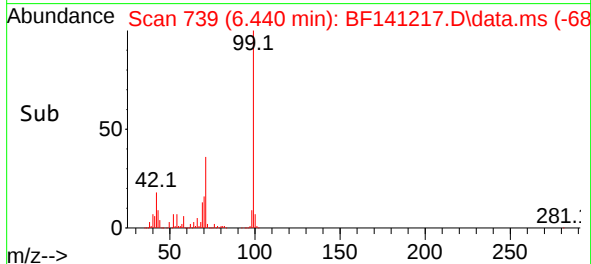
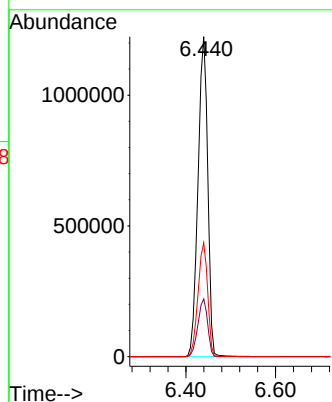
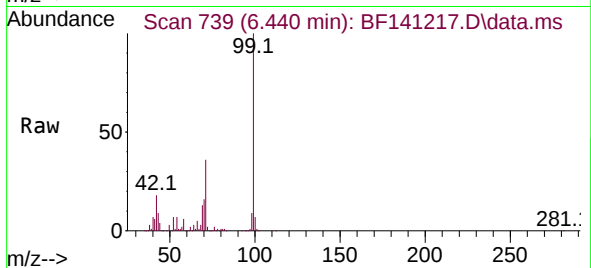


#7
Phenol-d6
Concen: 141.098 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB166117BL

Tgt Ion: 99 Resp: 1843280

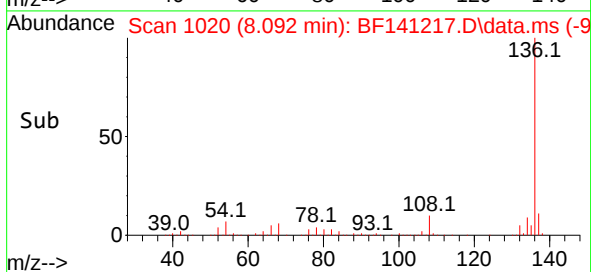
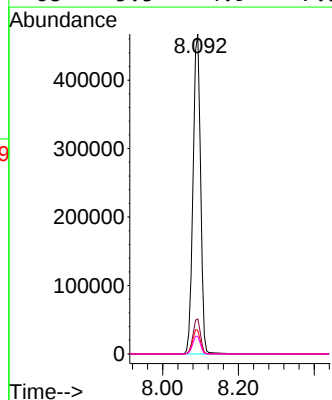
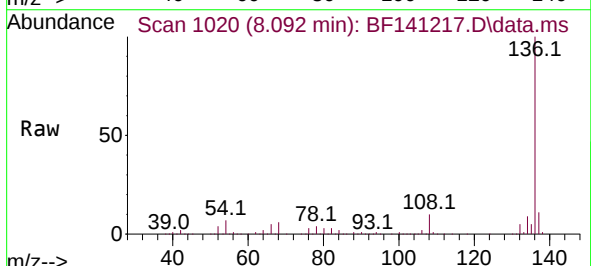
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.6	27.6	41.4

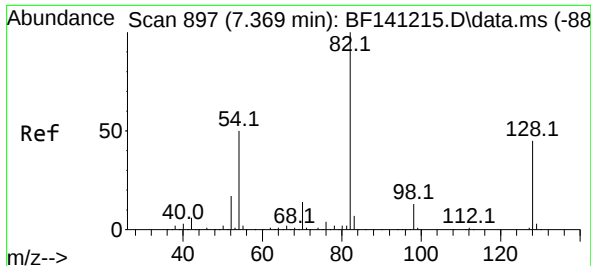


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion: 136 Resp: 644023

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.3	9.5
68	5.5	4.9	7.3

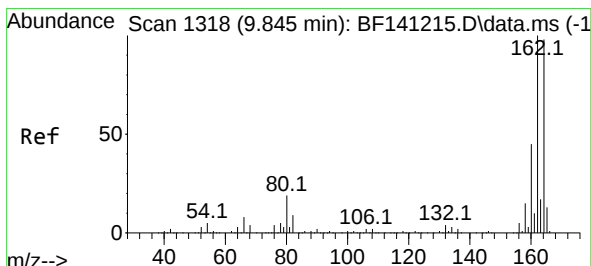
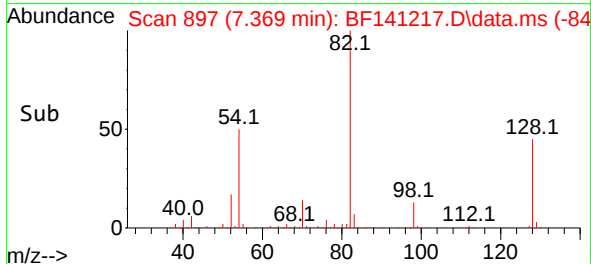
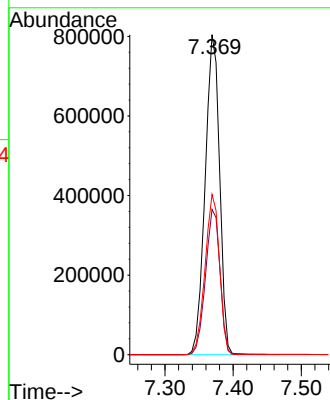
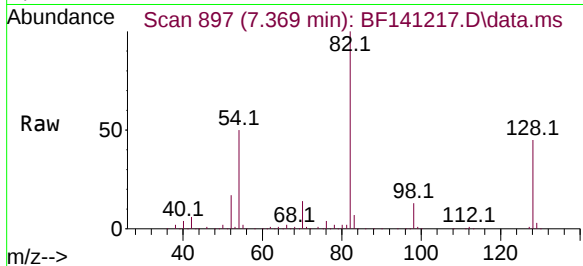




#23
Nitrobenzene-d5
Concen: 97.791 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

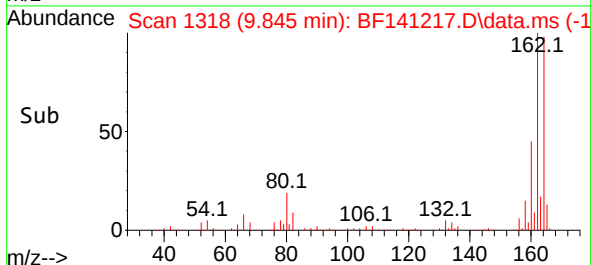
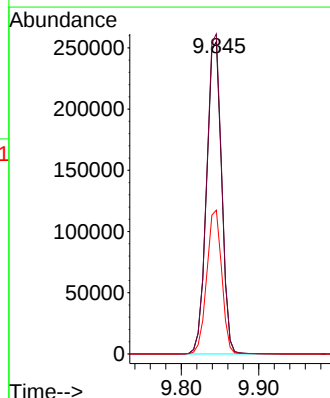
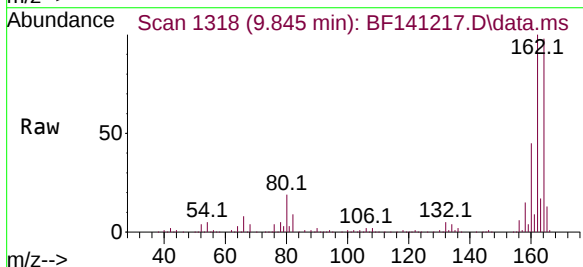
Instrument :
BNA_F
ClientSampleId :
PB166117BL

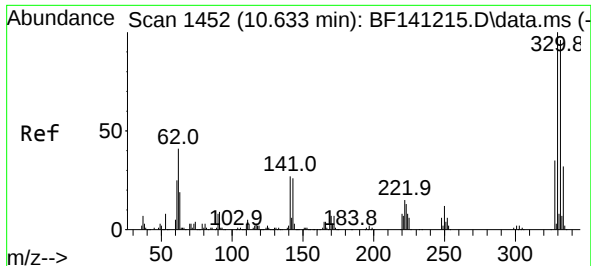
Tgt Ion: 82 Resp: 1188109
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 50.1 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

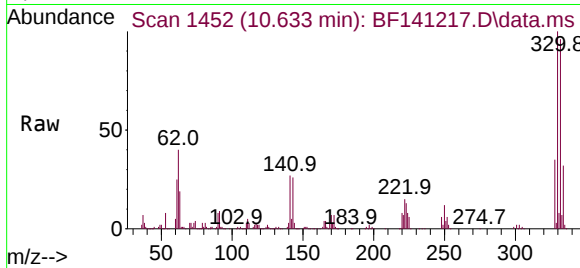
Tgt Ion:164 Resp: 342991
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 46.1 36.1 54.1



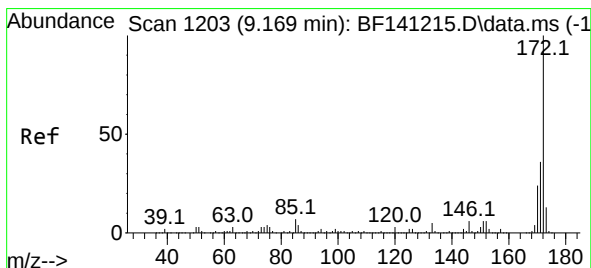
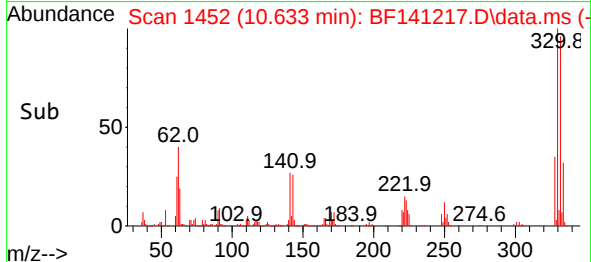
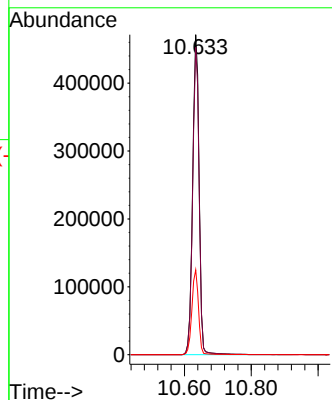


#42
 2,4,6-Tribromophenol
 Concen: 161.793 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141217.D
 Acq: 20 Jan 2025 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB166117BL

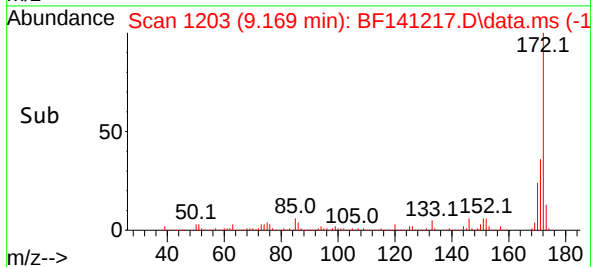
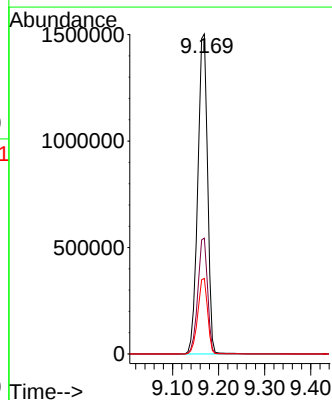
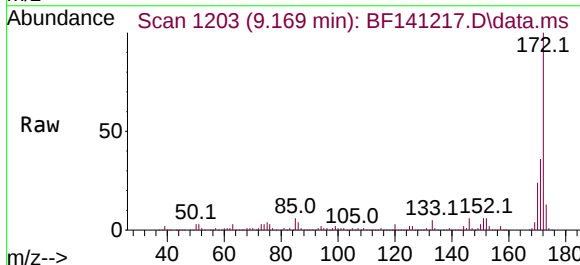


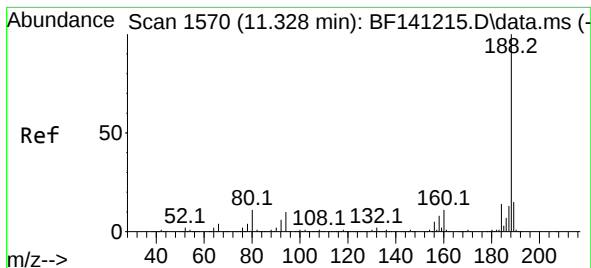
Tgt Ion: 330 Resp: 632313
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 27.1 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 98.569 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF141217.D
 Acq: 20 Jan 2025 12:49

Tgt Ion: 172 Resp: 2213976
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.7 43.1
 170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB166117BL

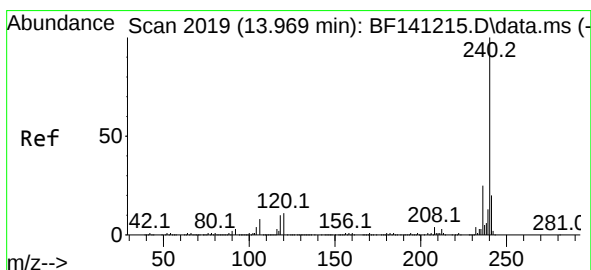
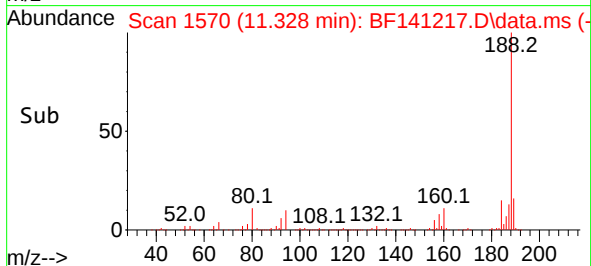
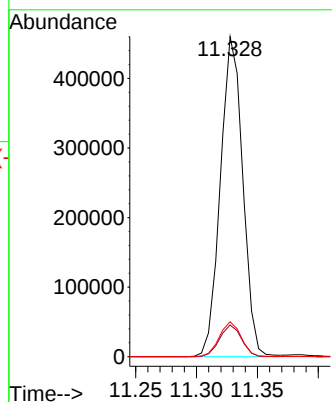
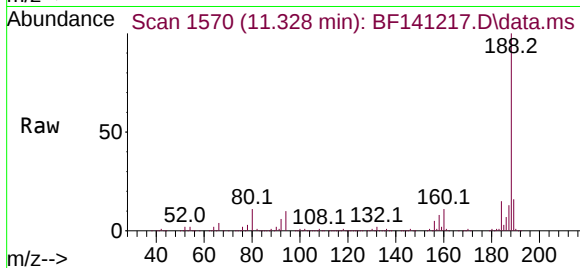
Tgt Ion:188 Resp: 588711

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

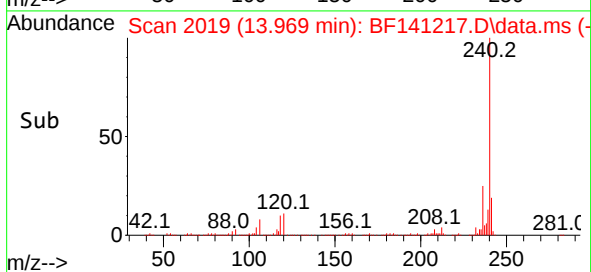
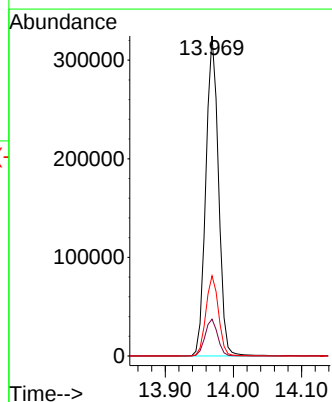
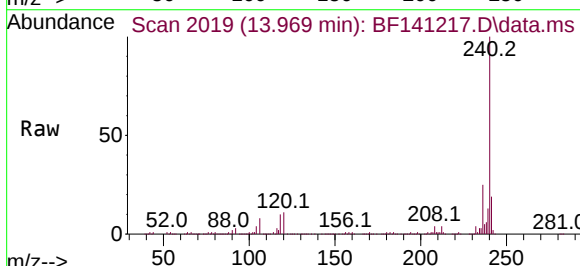
Tgt Ion:240 Resp: 419427

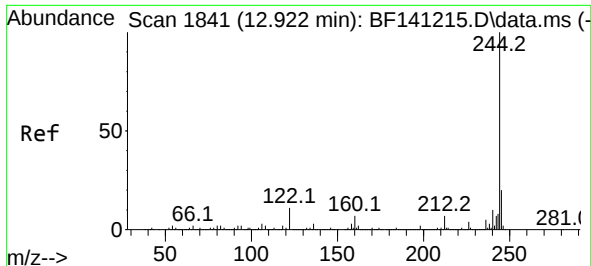
Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

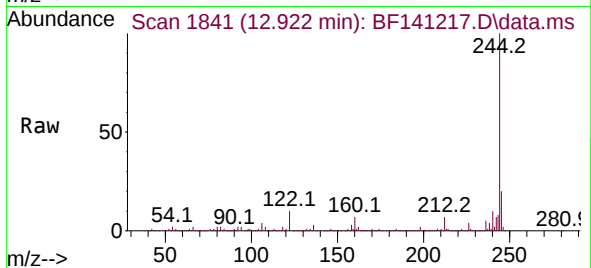
236 25.1 19.8 29.6





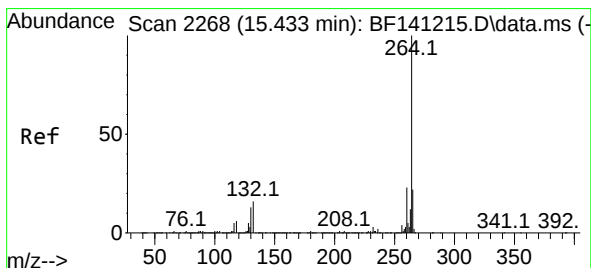
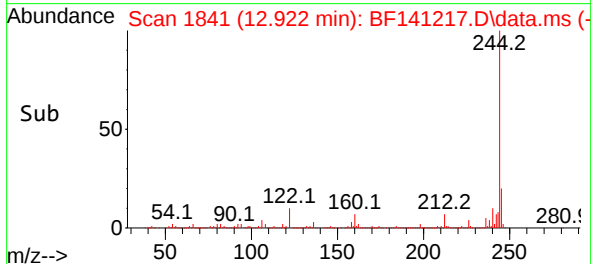
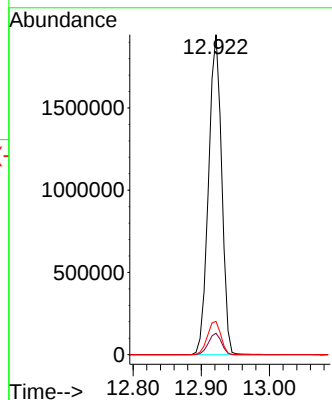
#79
 Terphenyl-d14
 Concen: 92.335 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141217.D
 Acq: 20 Jan 2025 12:49

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2605646

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: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141217.D
 Acq: 20 Jan 2025 12:49

Tgt Ion:264 Resp: 332363

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.4	26.0

