

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141152.D
 Acq On : 14 Jan 2025 18:12
 Operator : RC/JU
 Sample : Q1076-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

Quant Time: Jan 15 00:12:33 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)

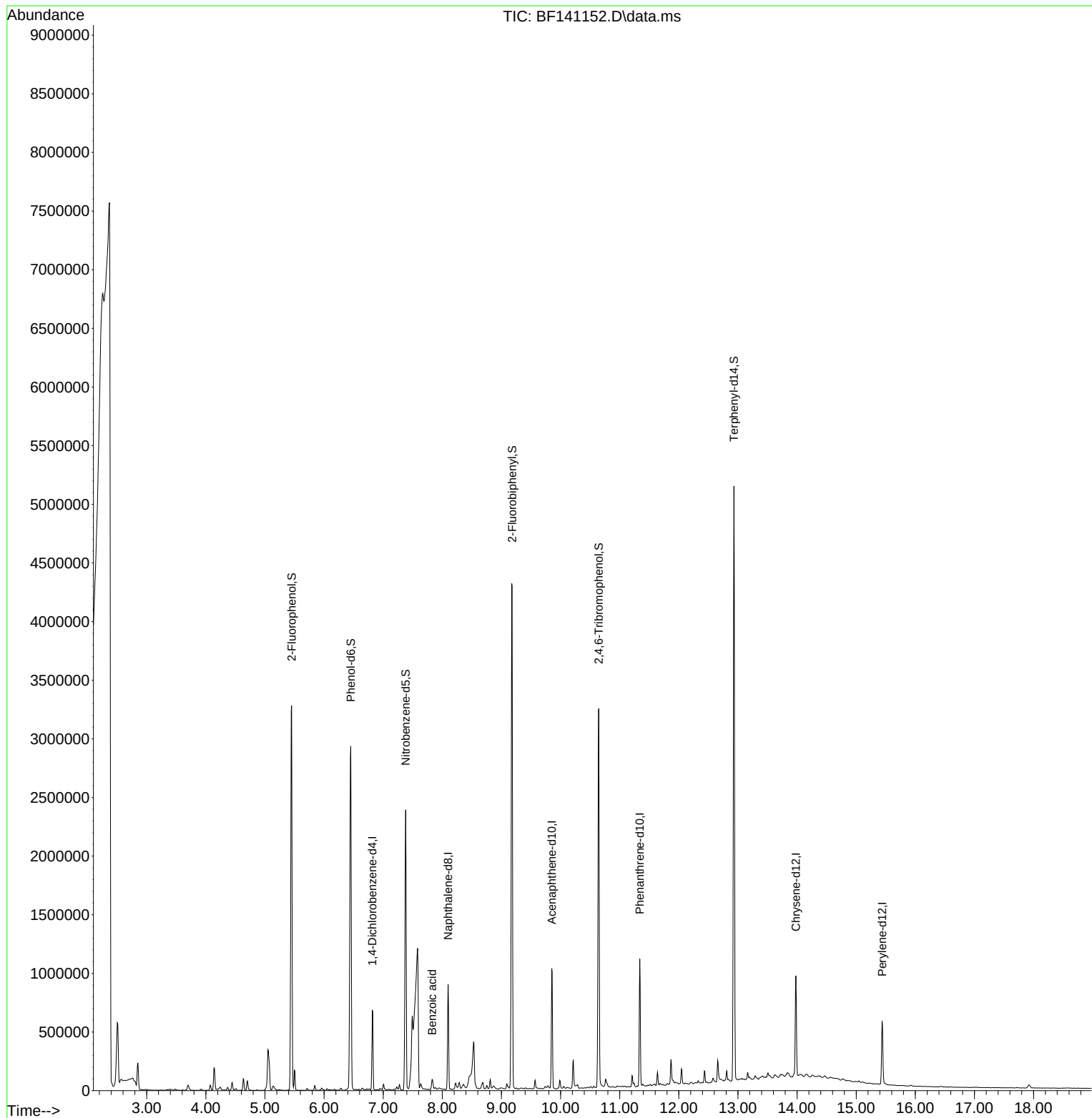
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	146840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	573236	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	317028	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	540934	20.000	ng	0.00
76) Chrysene-d12	13.980	240	405778	20.000	ng	0.00
86) Perylene-d12	15.439	264	323443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1432083	150.660	ng	0.02
7) Phenol-d6	6.451	99	1746378	145.041	ng	0.00
23) Nitrobenzene-d5	7.381	82	1171915	108.370	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	652091	180.518	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2122322	102.227	ng	0.00
79) Terphenyl-d14	12.933	244	2612778	95.702	ng	0.00
Target Compounds						
32) Benzoic acid	7.828	122	21842	3.293	ng	Qvalue 97

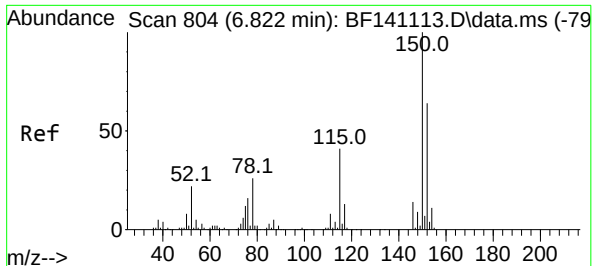
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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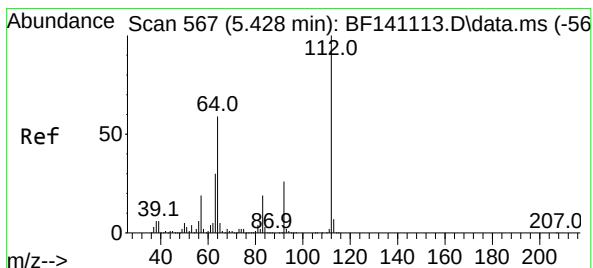
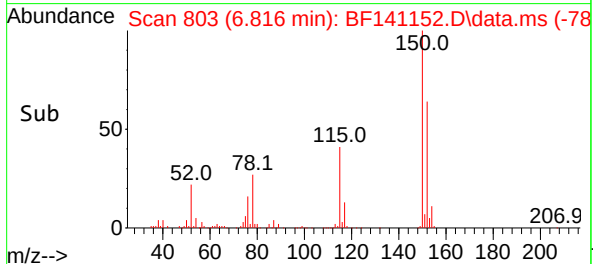
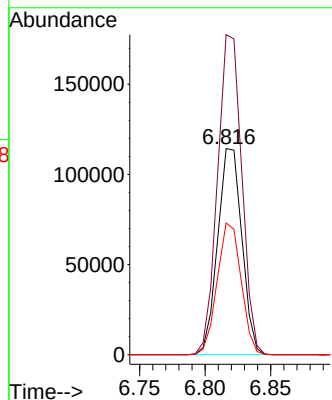
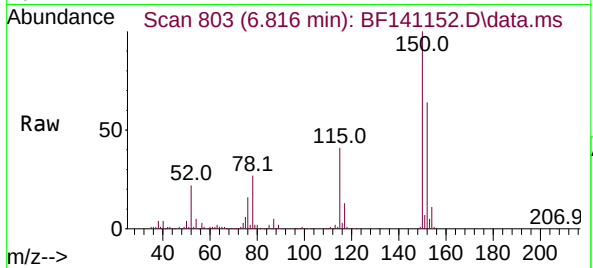




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF141152.D
 Acq: 14 Jan 2025 18:12

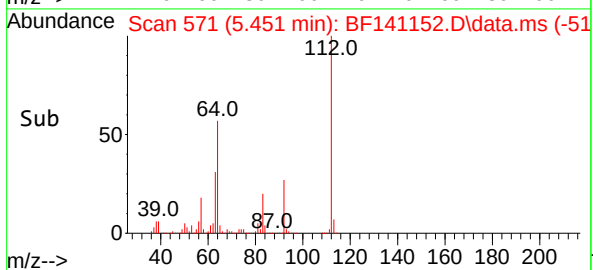
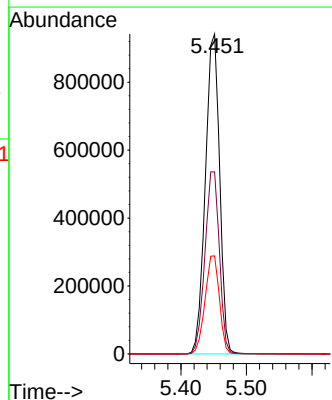
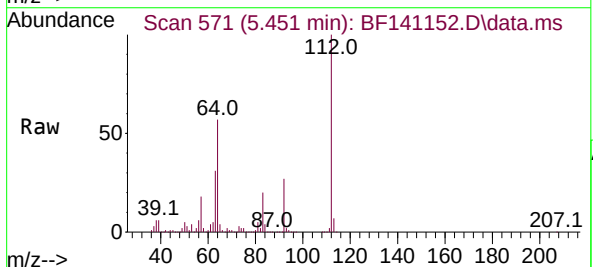
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

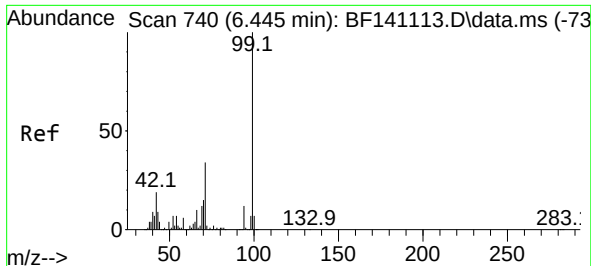
Tgt Ion:152 Resp: 146840
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.8 188.8
 115 63.9 51.4 77.2



#5
 2-Fluorophenol
 Concen: 150.660 ng
 RT: 5.451 min Scan# 571
 Delta R.T. 0.024 min
 Lab File: BF141152.D
 Acq: 14 Jan 2025 18:12

Tgt Ion:112 Resp: 1432083
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.3 70.9
 63 30.7 24.2 36.2



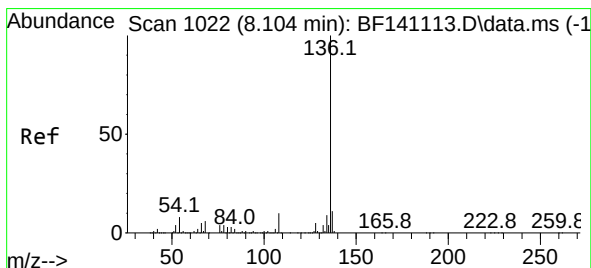
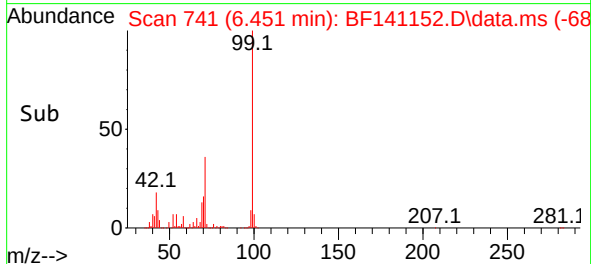
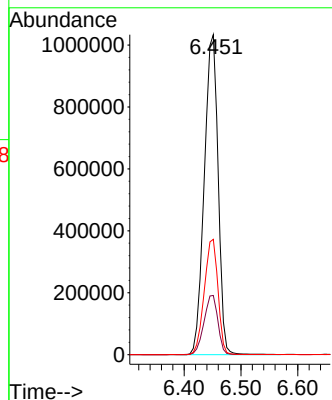
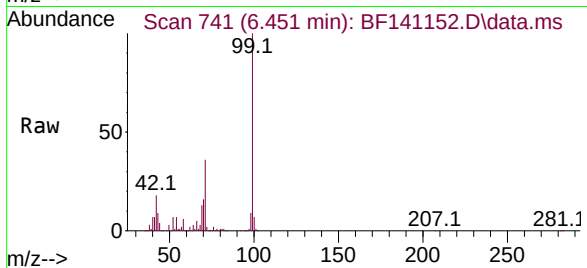


#7
Phenol-d6
Concen: 145.041 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Instrument :
BNA_F
ClientSampleId :
ARS20-0006

Tgt Ion: 99 Resp: 1746378

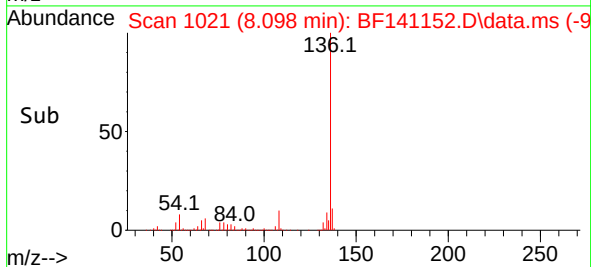
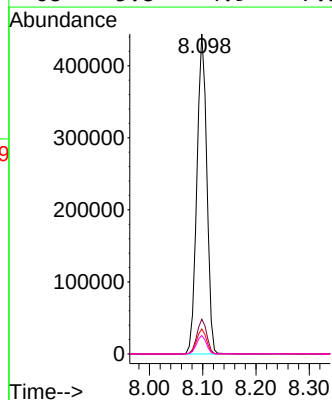
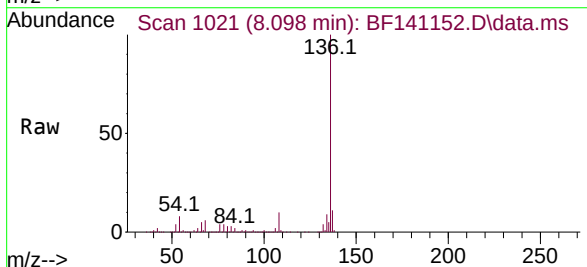
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	36.0	27.6	41.4

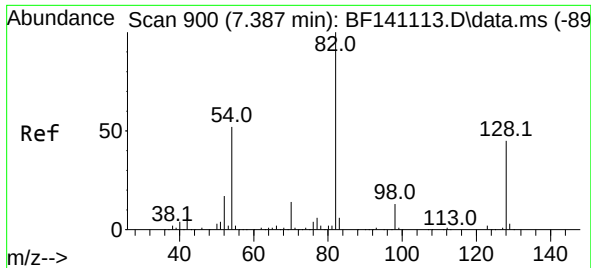


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion: 136 Resp: 573236

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.8	4.9	7.3

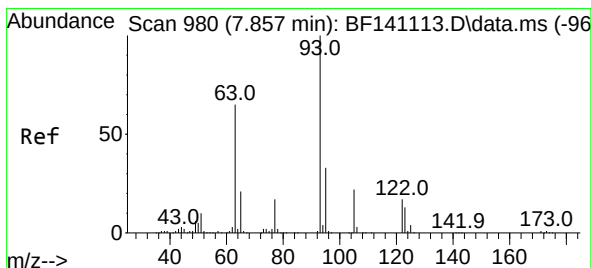
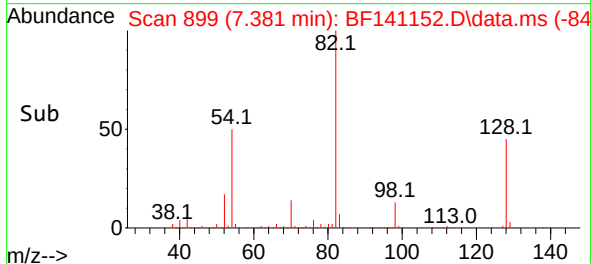
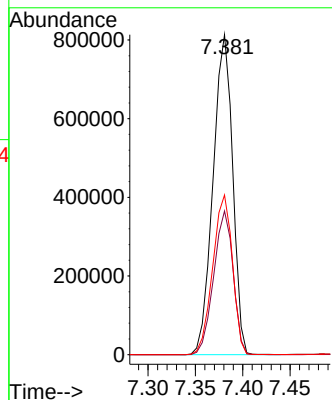
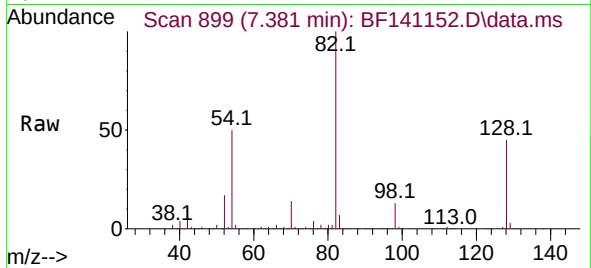




#23
Nitrobenzene-d5
Concen: 108.370 ng
RT: 7.381 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

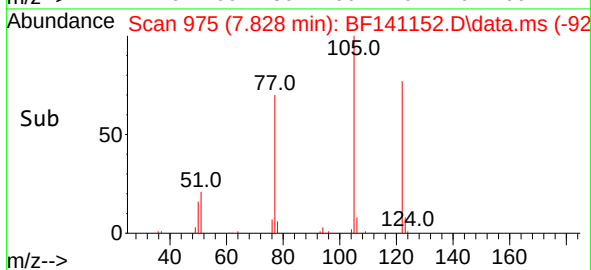
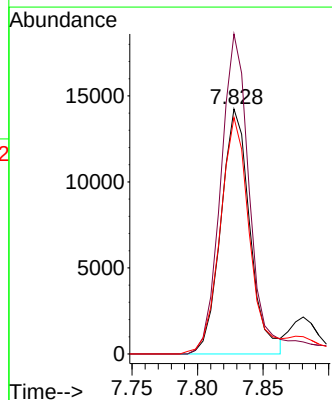
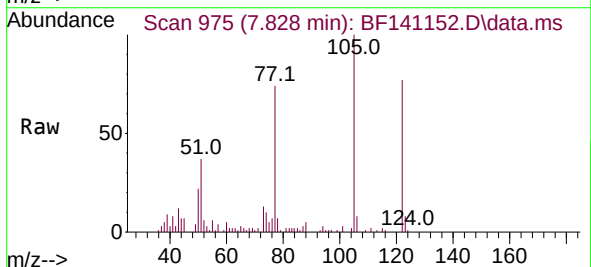
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

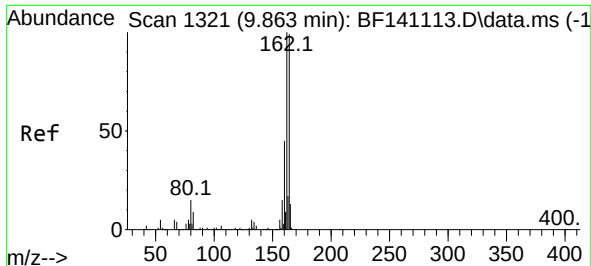
Tgt Ion: 82 Resp: 1171915
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 49.9 41.0 61.4



#32
Benzoic acid
Concen: 3.293 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.029 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:122 Resp: 21842
Ion Ratio Lower Upper
122 100
105 130.6 105.5 145.5
77 96.5 75.1 115.1

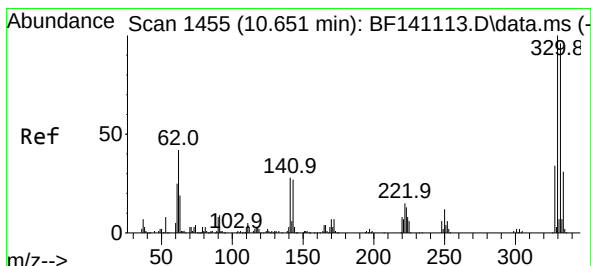
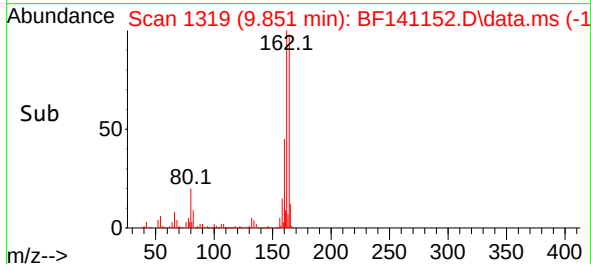
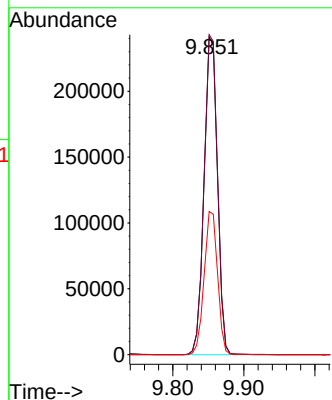
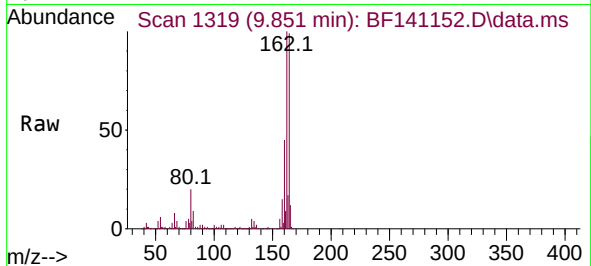




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

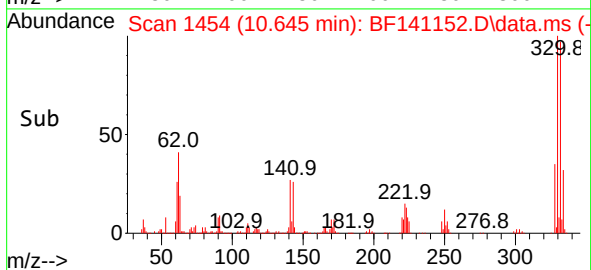
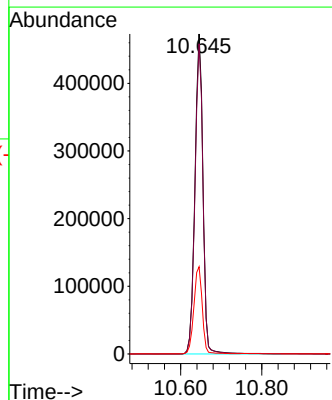
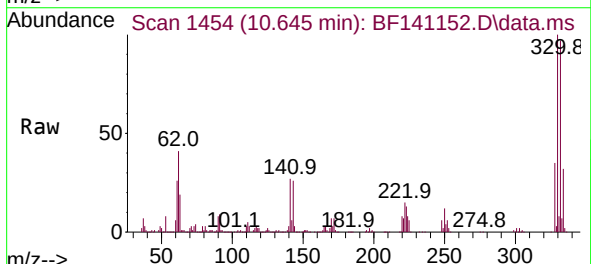
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

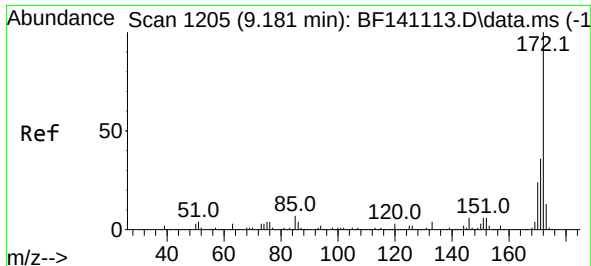
Tgt Ion:164 Resp: 317028
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 180.518 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:330 Resp: 652091
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 28.4 25.2 37.8

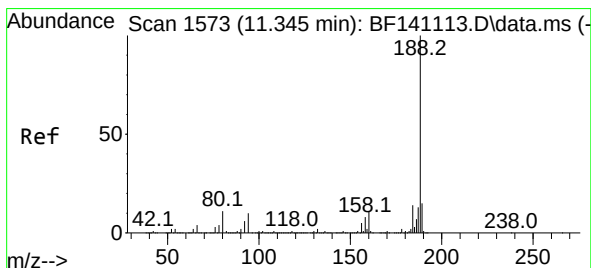
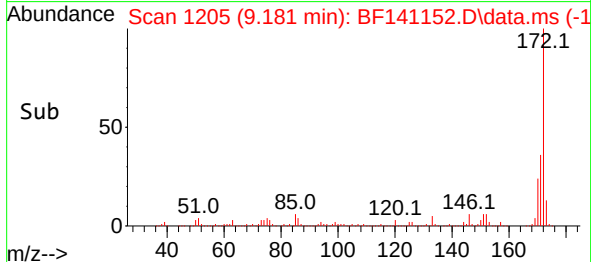
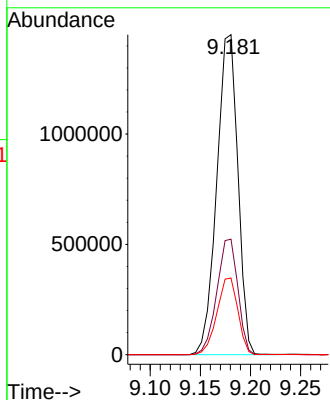
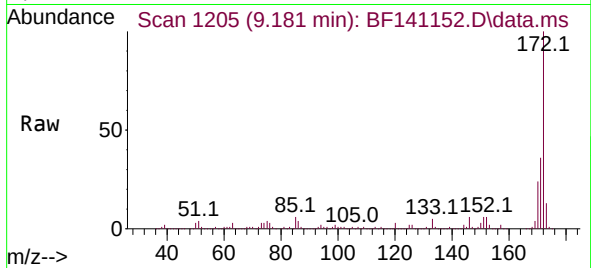




#45
2-Fluorobiphenyl
Concen: 102.227 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

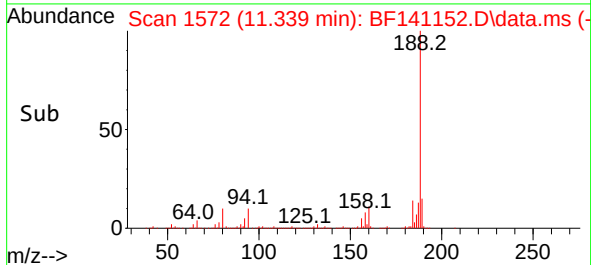
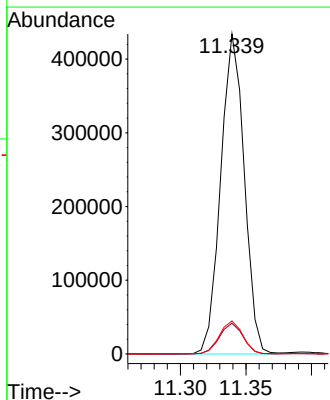
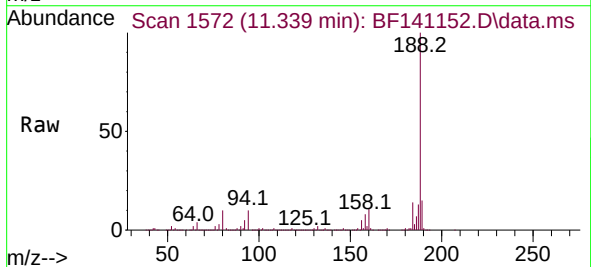
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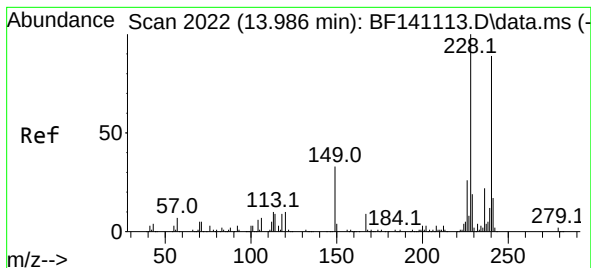
Tgt Ion:172 Resp: 2122322
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:188 Resp: 540934
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ARS20-0006

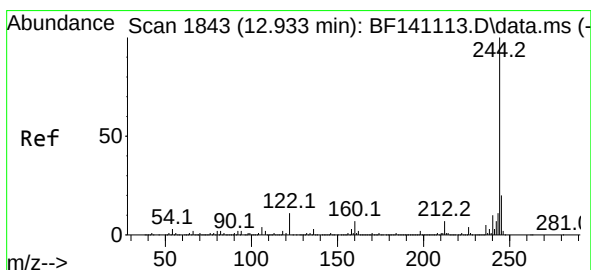
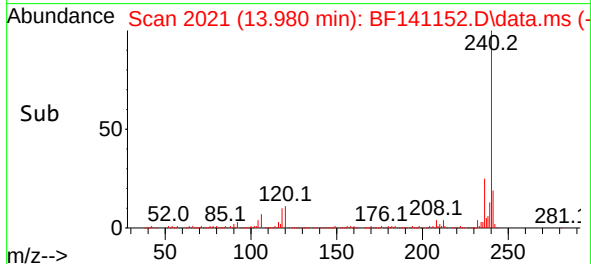
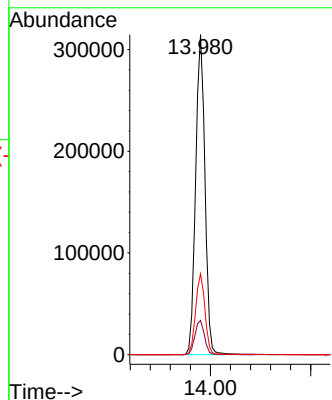
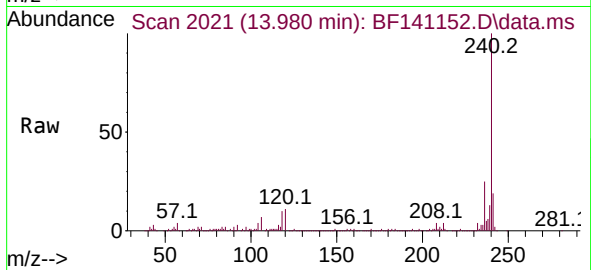
Tgt Ion:240 Resp: 405778

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 95.702 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

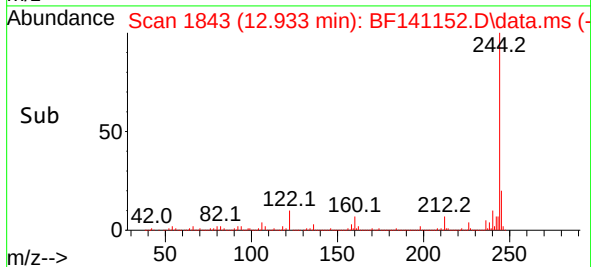
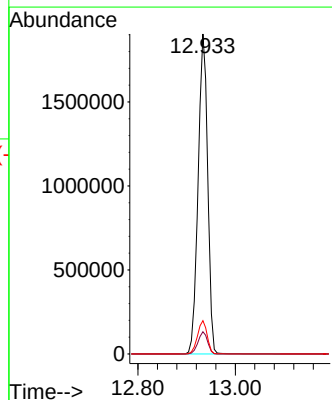
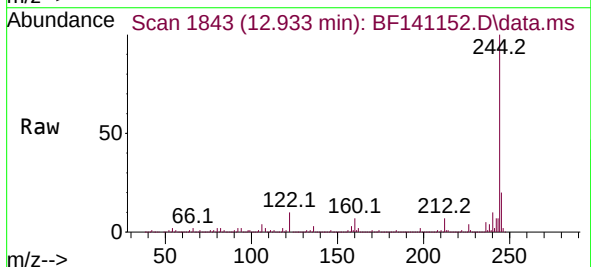
Tgt Ion:244 Resp: 2612778

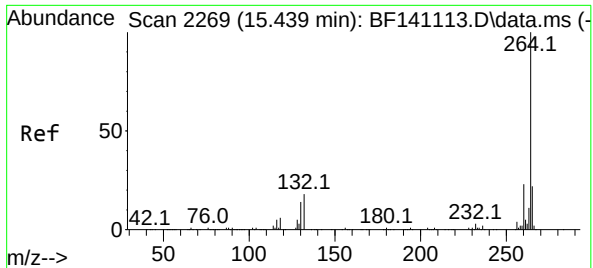
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF141152.D
 Acq: 14 Jan 2025 18:12

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

Tgt Ion:264 Resp: 323443
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.6 17.4 26.0

