

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143992.D
 Acq On : 17 Oct 2025 18:43
 Operator : RC/JU
 Sample : Q3349-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURS Station

Quant Time: Oct 20 11:12:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

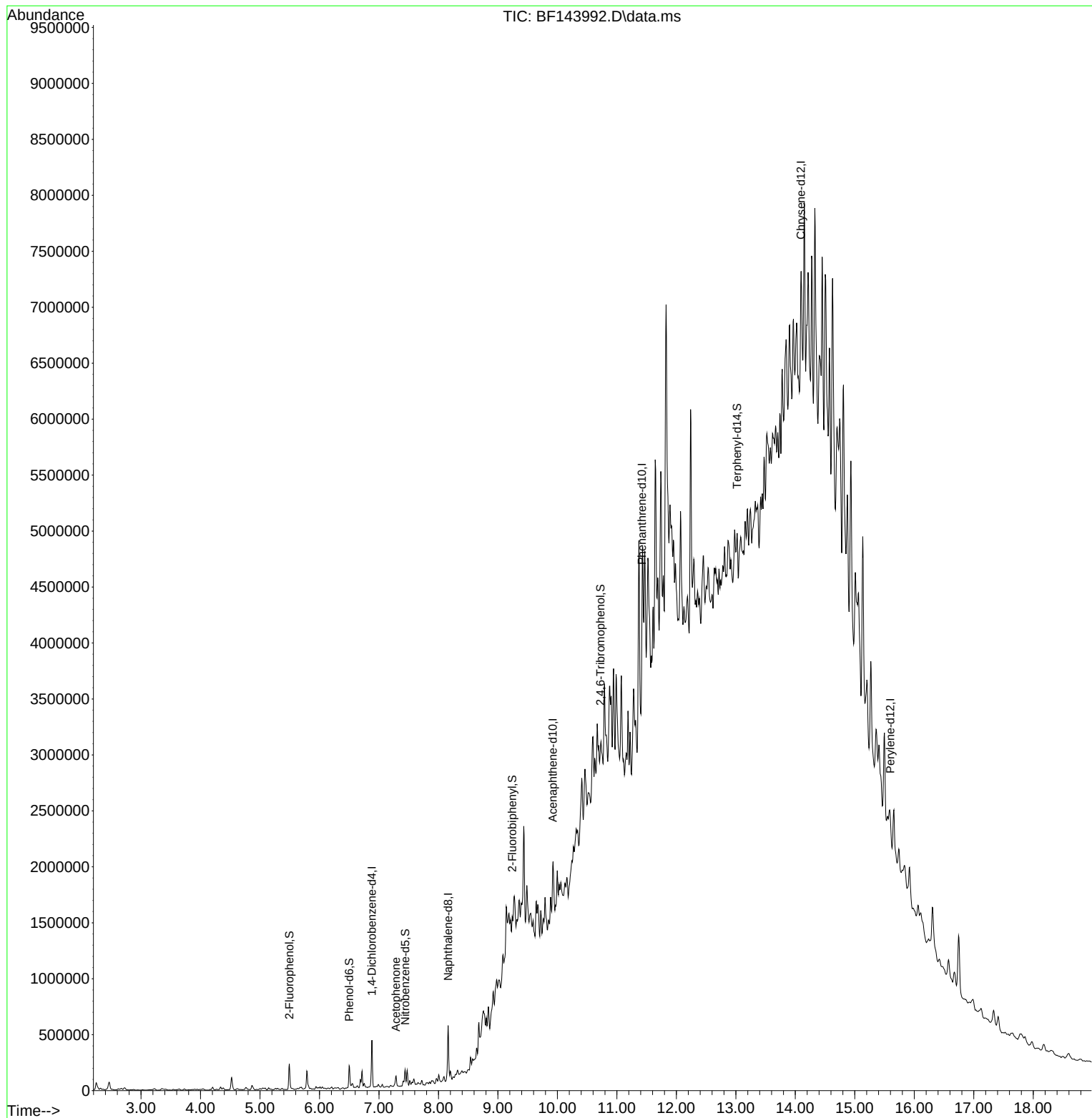
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	87692	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	299344	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	127355	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	159085	20.000	ng	0.00
76) Chrysene-d12	14.092	240	119082	20.000	ng	# 0.02
86) Perylene-d12	15.598	264	176056	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	97093	17.582	ng	0.00
7) Phenol-d6	6.498	99	112124	17.034	ng	-0.02
23) Nitrobenzene-d5	7.440	82	58666	11.907	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	16986	13.391	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	106480	13.267	ng	-0.01
79) Terphenyl-d14	13.022	244	91163	13.084	ng	0.01
Target Compounds						
22) Acetophenone	7.287	105	35141	5.552	ng	# 90

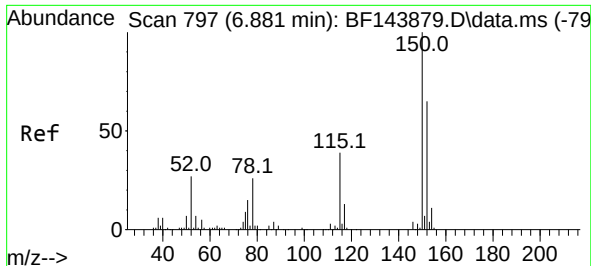
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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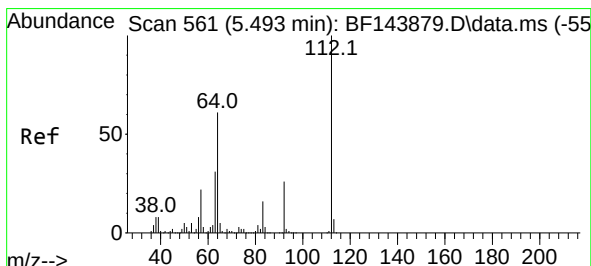
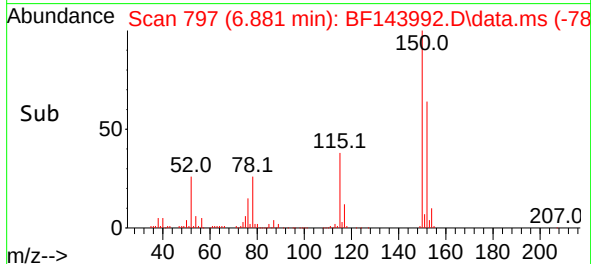
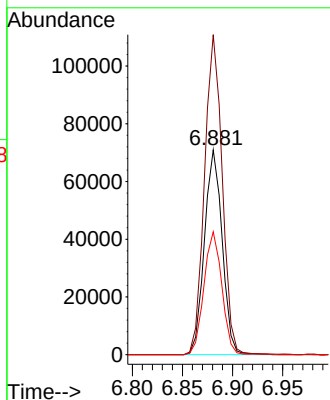
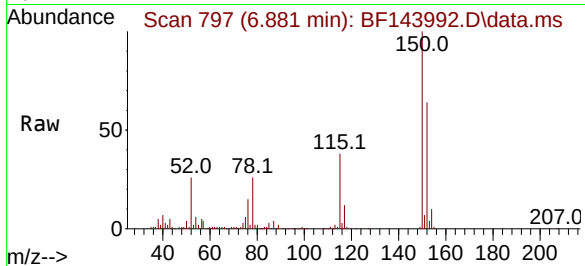




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

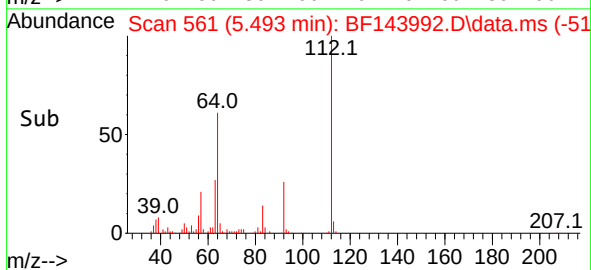
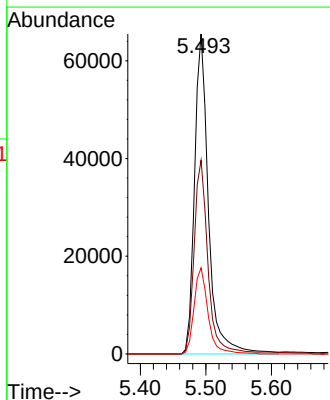
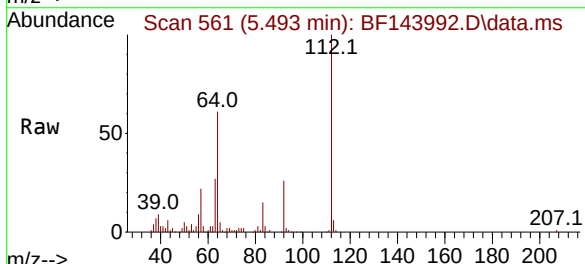
Instrument :
BNA_F
ClientSampleId :
PURS Station

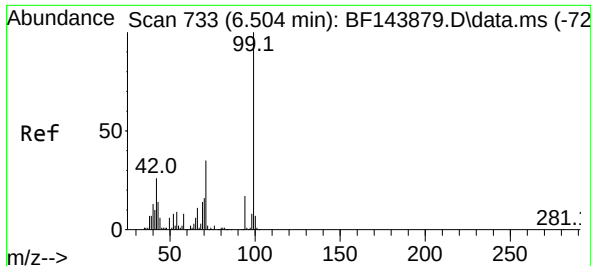
Tgt Ion:152 Resp: 87692
Ion Ratio Lower Upper
152 100
150 156.3 124.4 186.6
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 17.582 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion:112 Resp: 97093
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 26.9 24.5 36.7

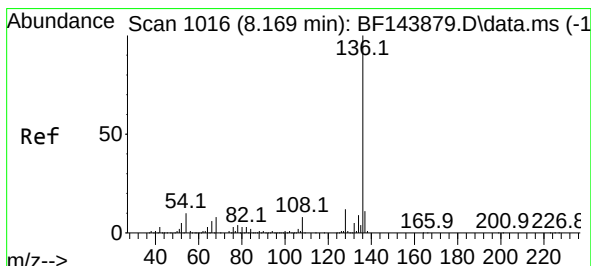
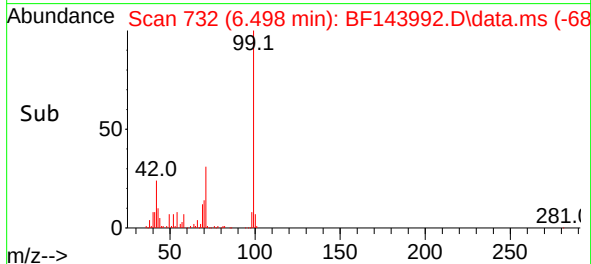
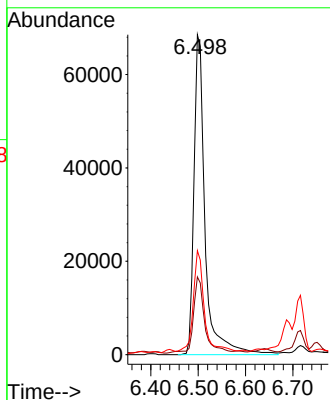
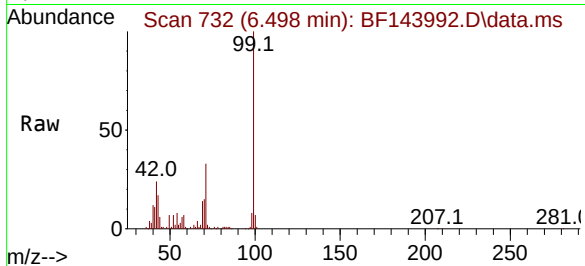




#7
Phenol-d6
Concen: 17.034 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

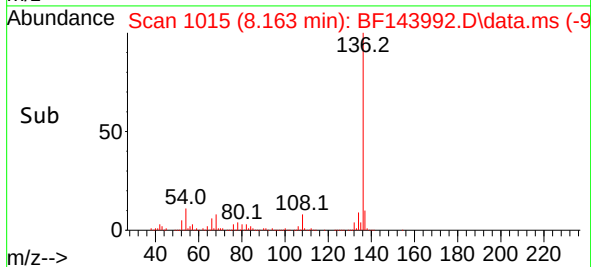
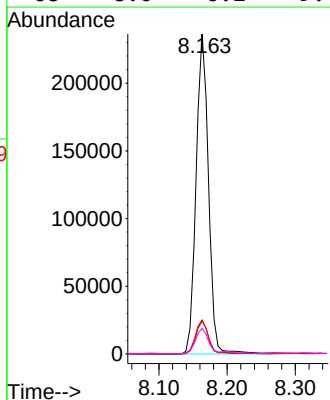
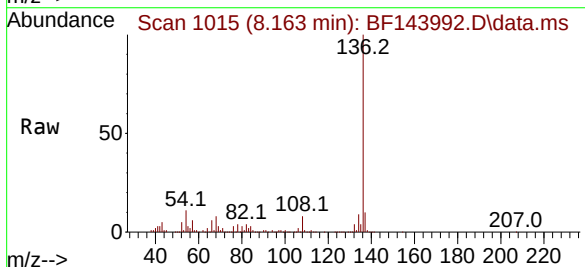
Instrument :
BNA_F
ClientSampleId :
PURS Station

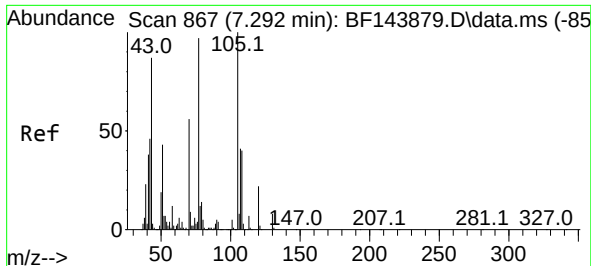
Tgt Ion: 99 Resp: 112124
Ion Ratio Lower Upper
99 100
42 24.3 21.0 31.4
71 32.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion: 136 Resp: 299344
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 10.7 8.2 12.4
68 8.0 6.2 9.4

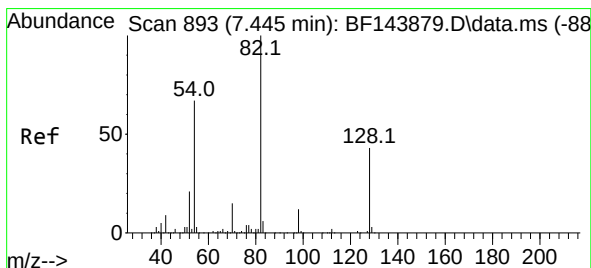
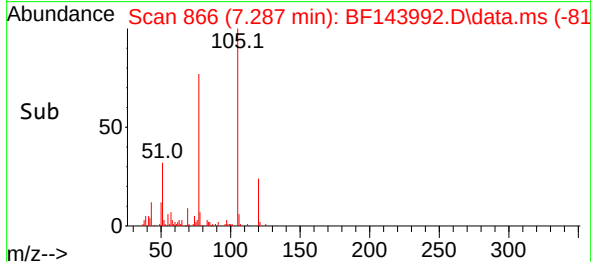
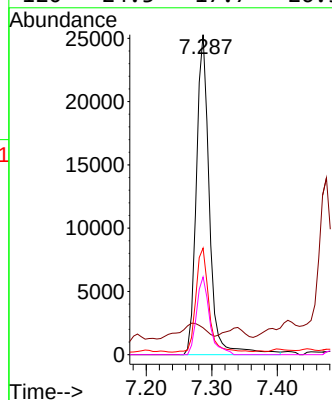
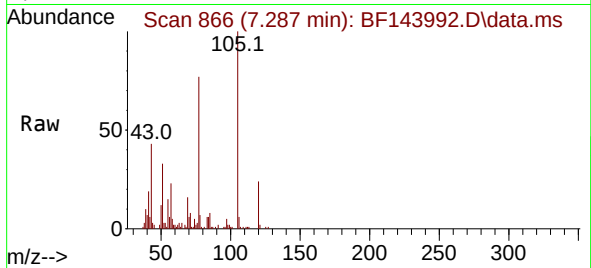




#22
Acetophenone
Concen: 5.552 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

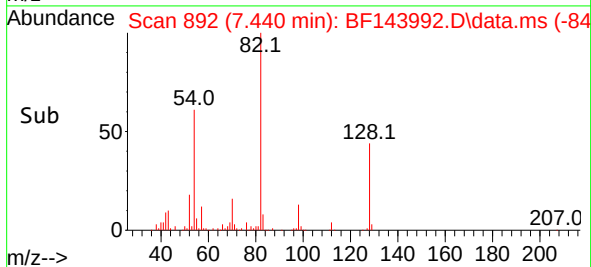
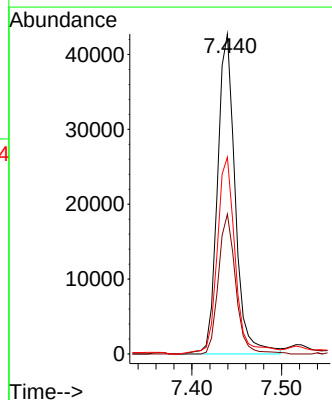
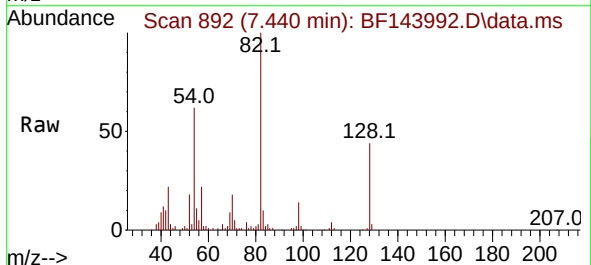
Instrument :
BNA_F
ClientSampleId :
PURS Station

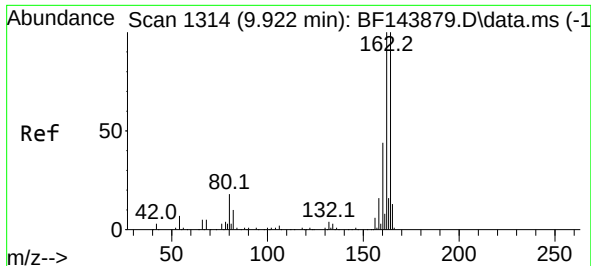
Tgt Ion:105 Resp: 35141
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.0
51 33.3 34.2 51.4#
120 24.3 17.7 26.5



#23
Nitrobenzene-d5
Concen: 11.907 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.017 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion: 82 Resp: 58666
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 61.5 53.2 79.8

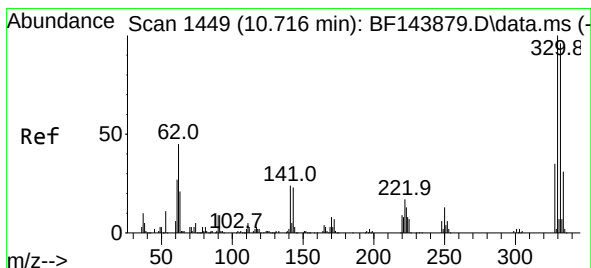
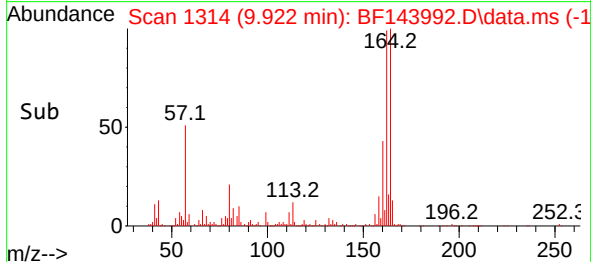
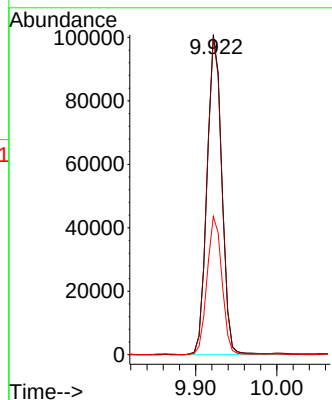
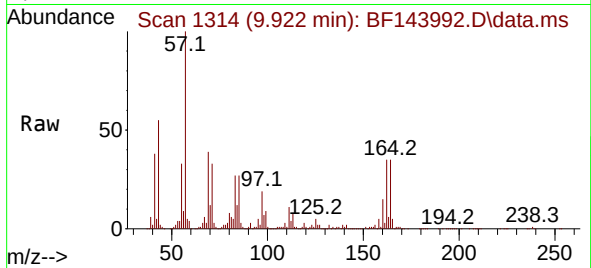




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

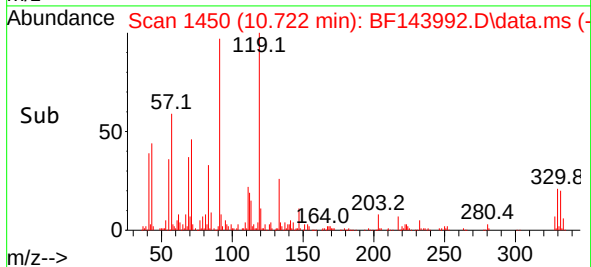
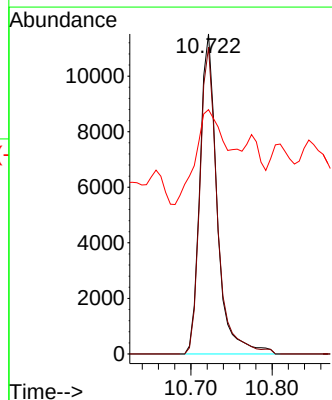
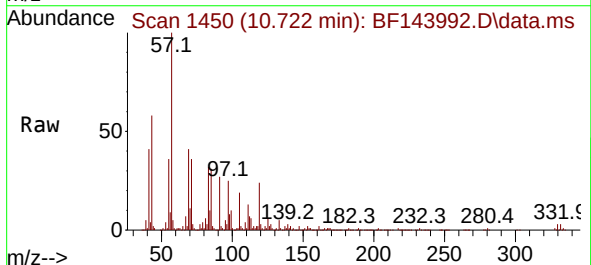
Instrument :
BNA_F
ClientSampleId :
PURS Station

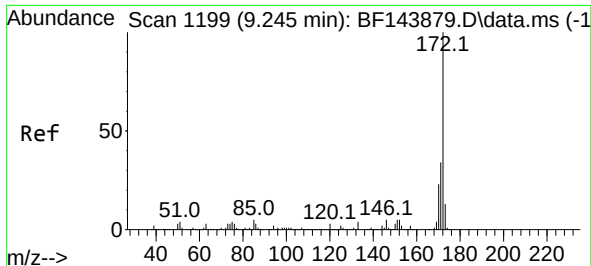
Tgt Ion:164 Resp: 127355
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 13.391 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion:330 Resp: 16986
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 51.0 20.2 30.4#

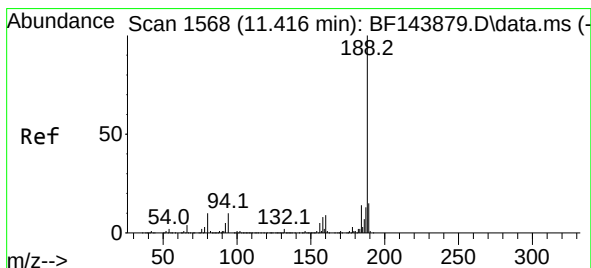
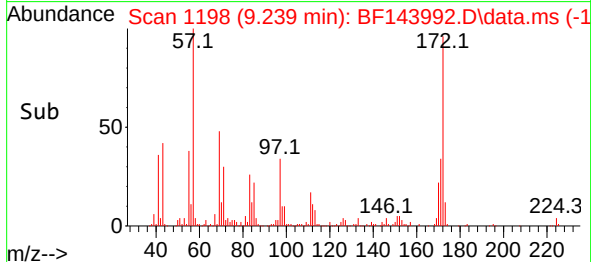
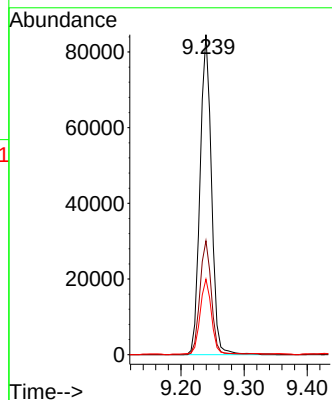
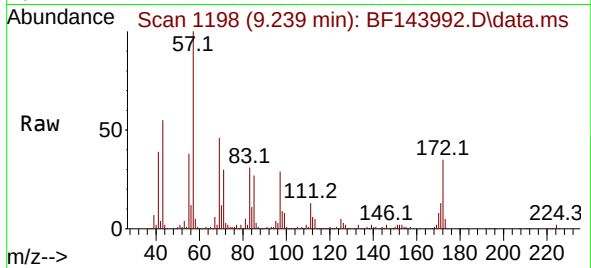




#45
2-Fluorobiphenyl
Concen: 13.267 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

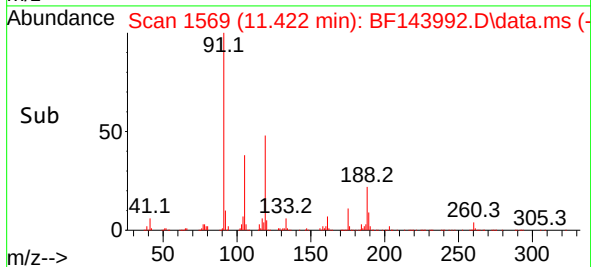
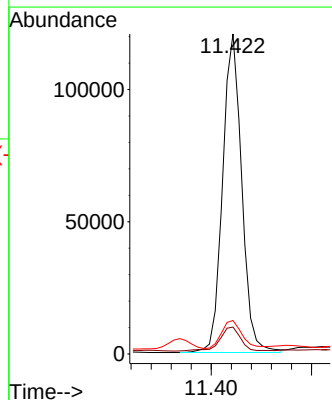
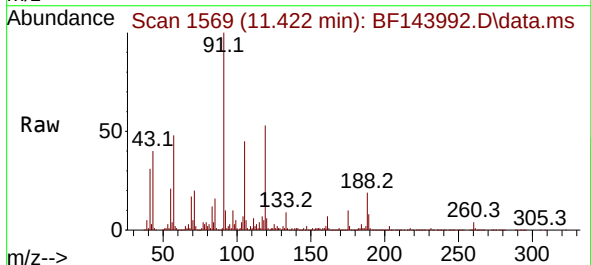
Instrument :
BNA_F
ClientSampleId :
PURS Station

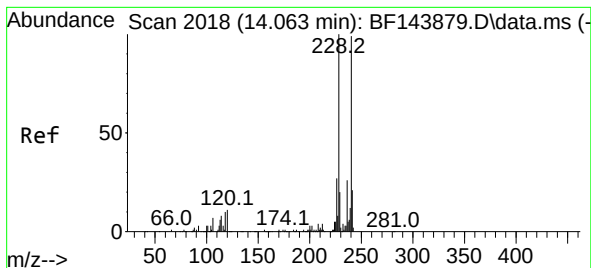
Tgt Ion:172 Resp: 106480
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 23.6 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF143992.D
Acq: 17 Oct 2025 18:43

Tgt Ion:188 Resp: 159085
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 10.4 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

Instrument :

BNA_F

ClientSampleId :

PURS Station

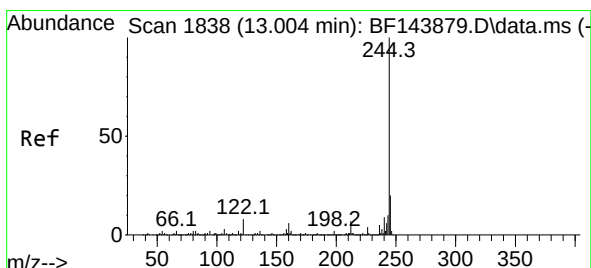
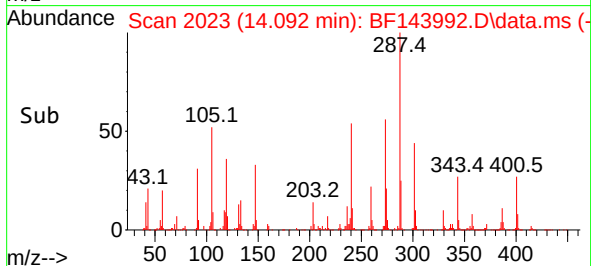
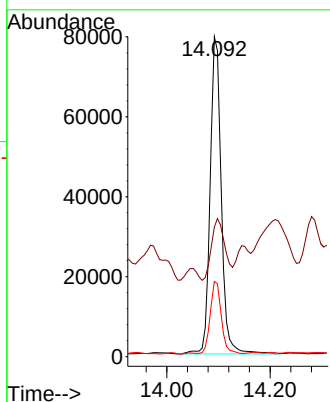
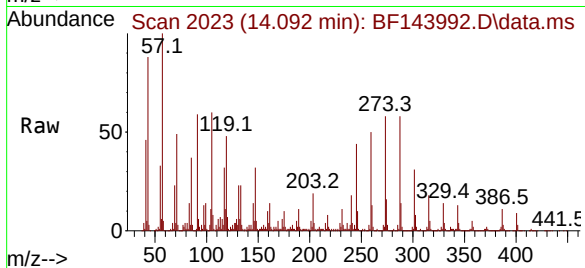
Tgt Ion:240 Resp: 119082

Ion Ratio Lower Upper

240 100

120 40.5 8.6 13.0#

236 23.5 21.1 31.7



#79

Terphenyl-d14

Concen: 13.084 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.012 min

Lab File: BF143992.D

Acq: 17 Oct 2025 18:43

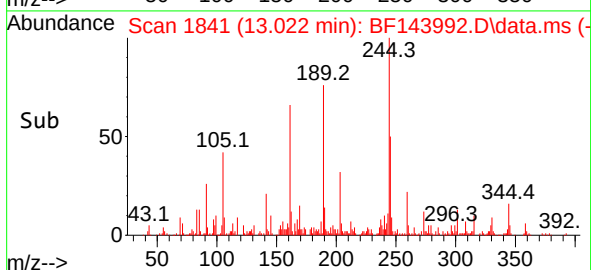
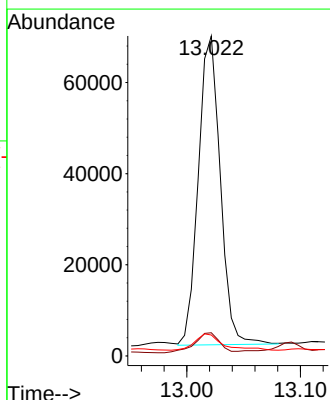
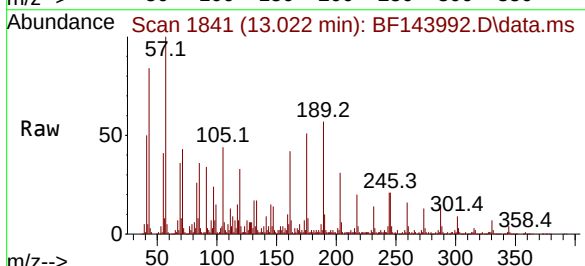
Tgt Ion:244 Resp: 91163

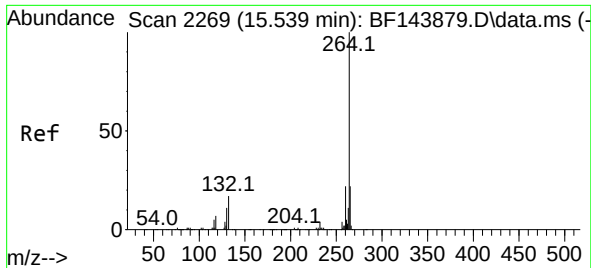
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 6.6 6.4 9.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF143992.D
 Acq: 17 Oct 2025 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PURS Station

Tgt Ion:264 Resp: 176056
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.8 26.8
 265 22.7 17.5 26.3

