

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143896.D
 Acq On : 08 Oct 2025 15:40
 Operator : RC/JU
 Sample : Q3303-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-WEST

Quant Time: Oct 08 16:00:39 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)

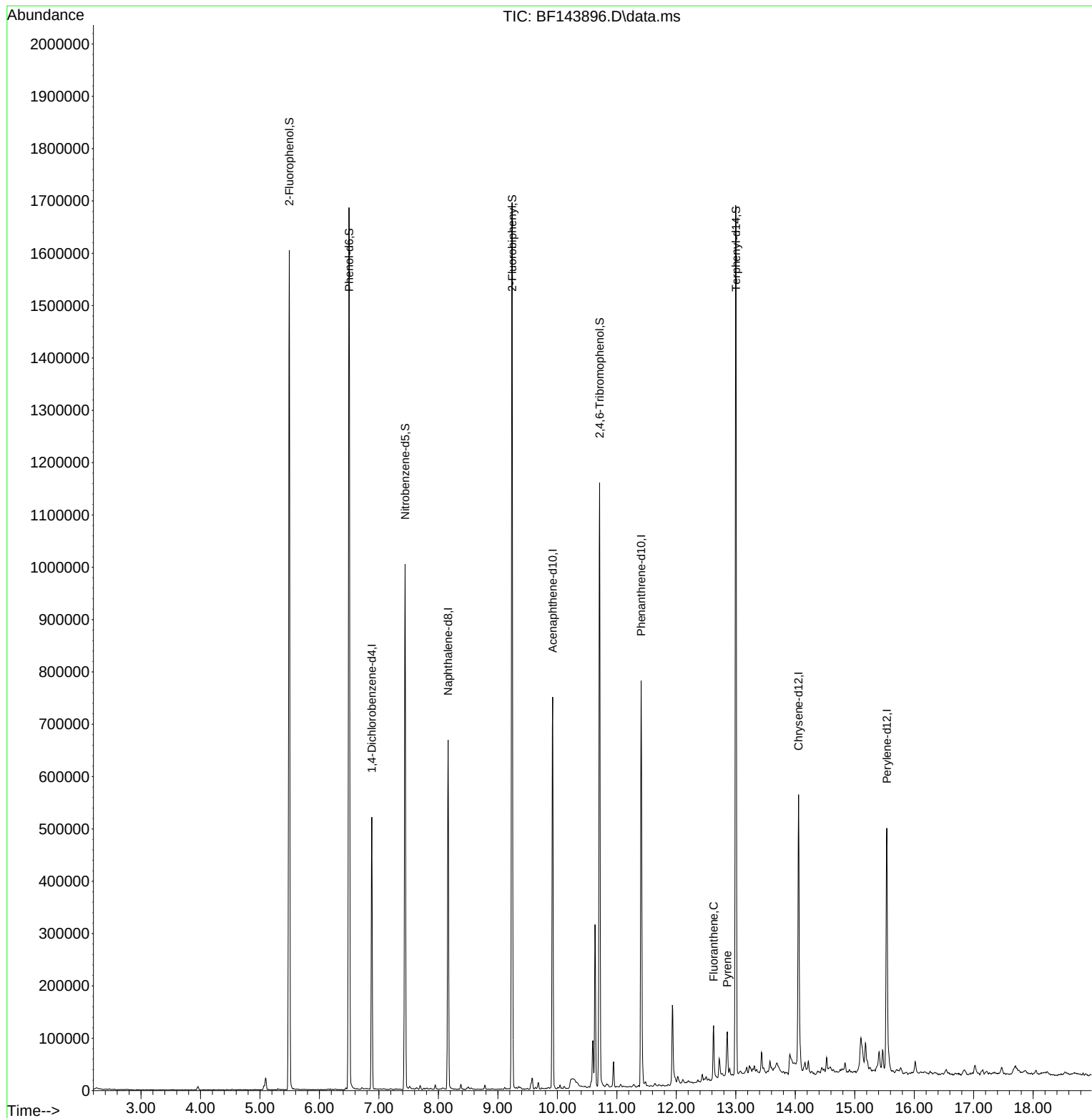
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105116	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	403466	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223473	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	396985	20.000	ng	0.00
76) Chrysene-d12	14.057	240	242451	20.000	ng	-0.01
86) Perylene-d12	15.539	264	287484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	599644	90.588	ng	0.00
7) Phenol-d6	6.498	99	736032	93.286	ng	-0.02
23) Nitrobenzene-d5	7.439	82	412779	62.157	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	211175	94.874	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	766356	54.414	ng	-0.01
79) Terphenyl-d14	13.004	244	882475	62.207	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	52448	2.638	ng	98
78) Pyrene	12.857	202	48203	2.385	ng	97

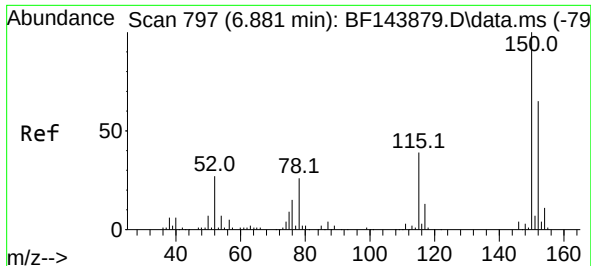
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 06 15:29:47 2025
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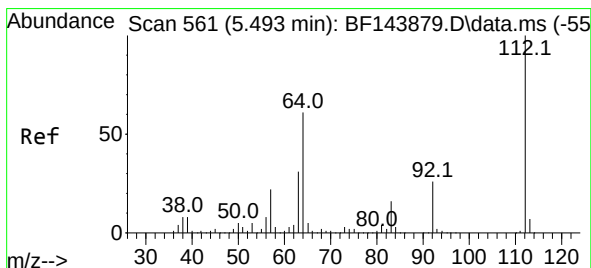
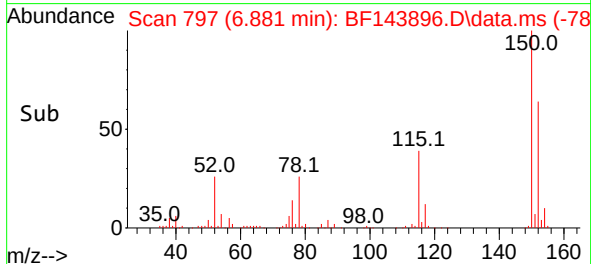
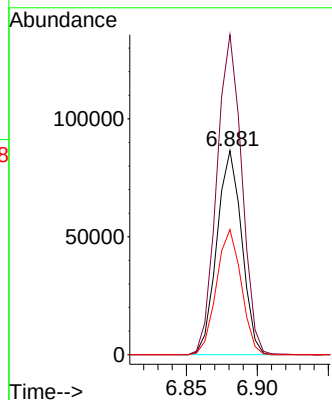
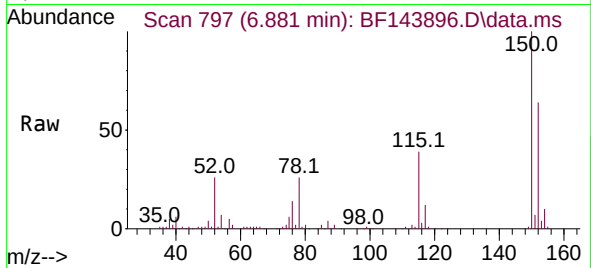




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

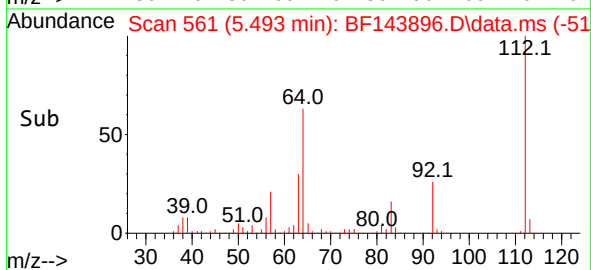
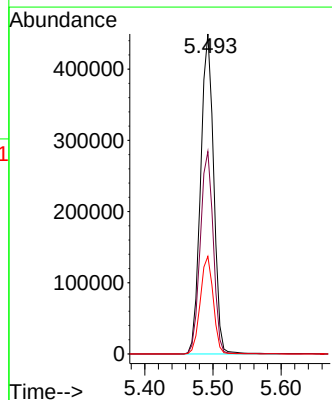
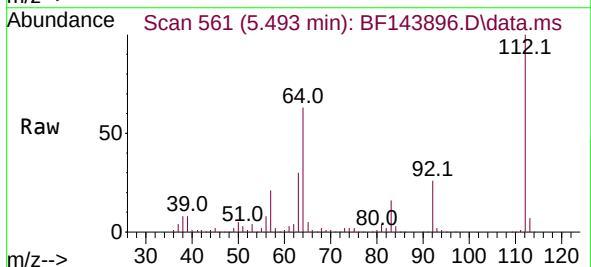
Instrument :
BNA_F
ClientSampleId :
HL-WEST

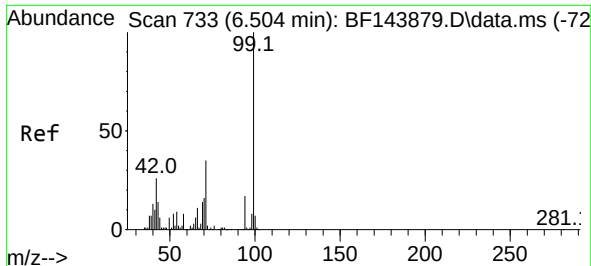
Tgt Ion:152 Resp: 105116
Ion Ratio Lower Upper
152 100
150 157.0 124.4 186.6
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 90.588 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

Tgt Ion:112 Resp: 599644
Ion Ratio Lower Upper
112 100
64 63.2 49.1 73.7
63 30.5 24.5 36.7

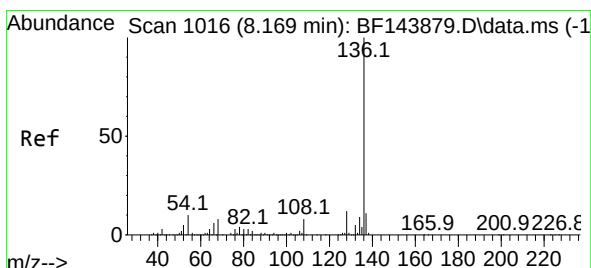
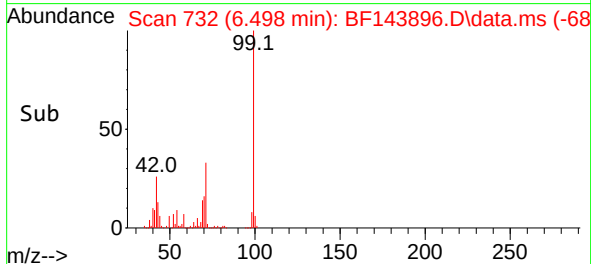
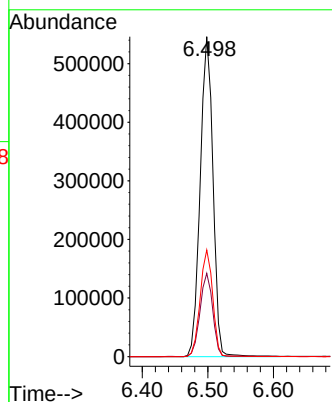
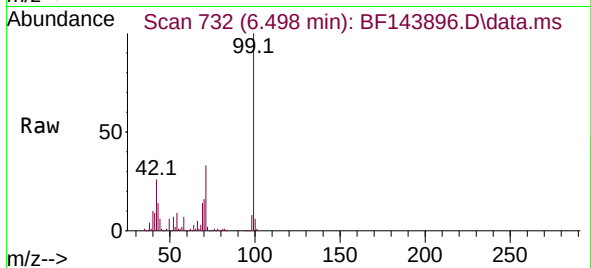




#7
Phenol-d6
Concen: 93.286 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

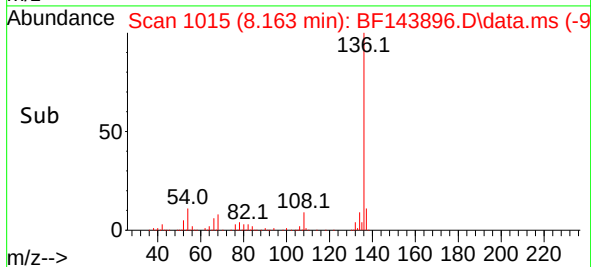
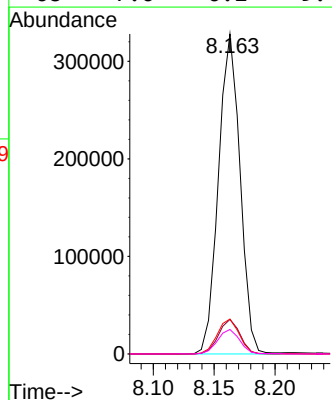
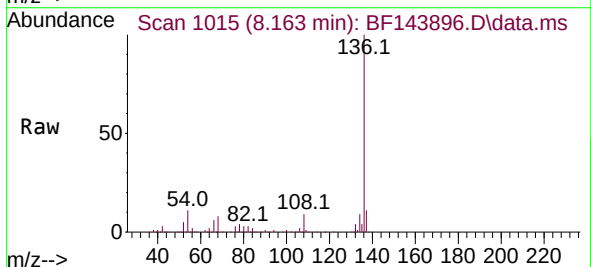
Instrument :
BNA_F
ClientSampleId :
HL-WEST

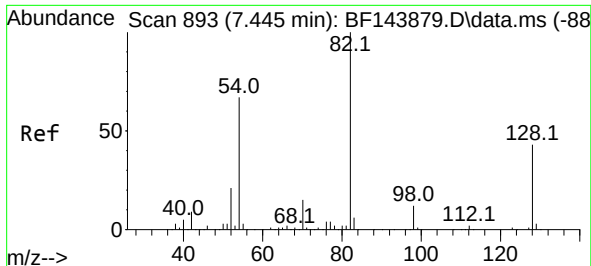
Tgt Ion: 99 Resp: 736032
Ion Ratio Lower Upper
99 100
42 26.0 21.0 31.4
71 33.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

Tgt Ion:136 Resp: 403466
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.2 12.4
68 7.6 6.2 9.4

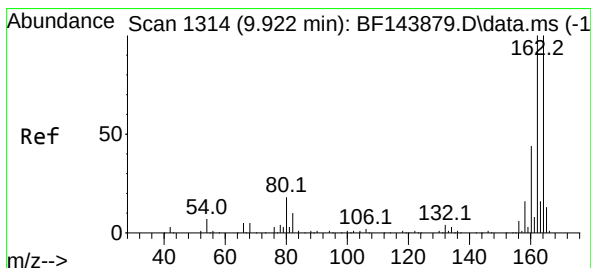
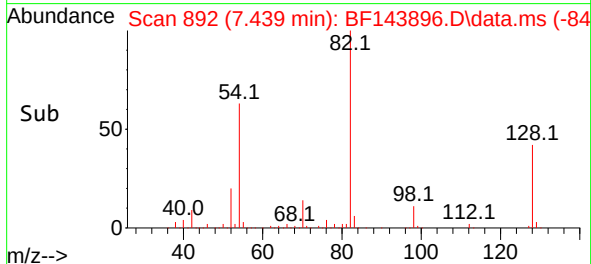
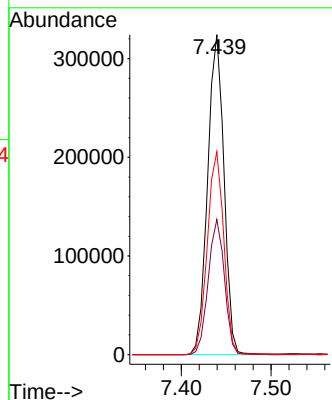
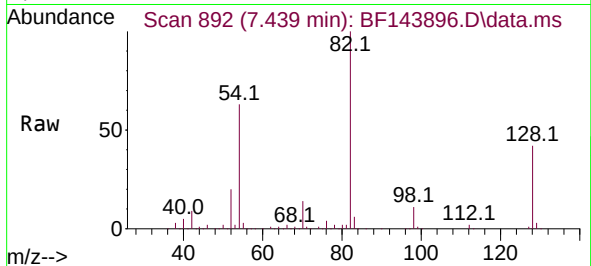




#23
Nitrobenzene-d5
Concen: 62.157 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

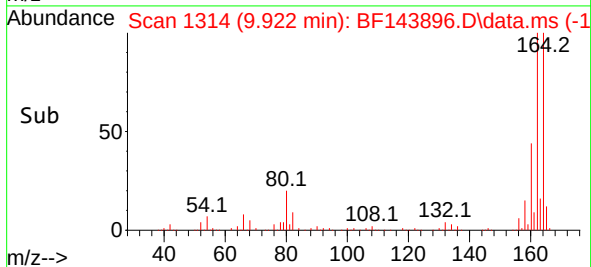
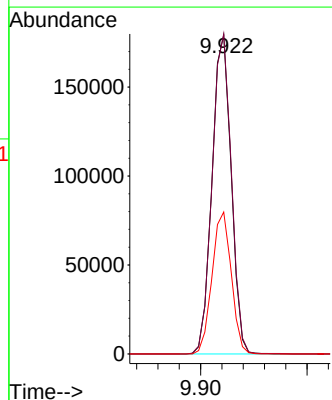
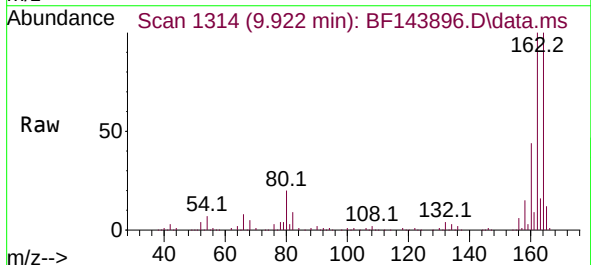
Instrument :
BNA_F
ClientSampleId :
HL-WEST

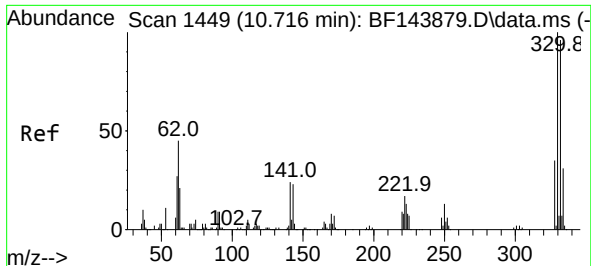
Tgt Ion: 82 Resp: 412779
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 63.4 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

Tgt Ion:164 Resp: 223473
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 44.5 35.4 53.0

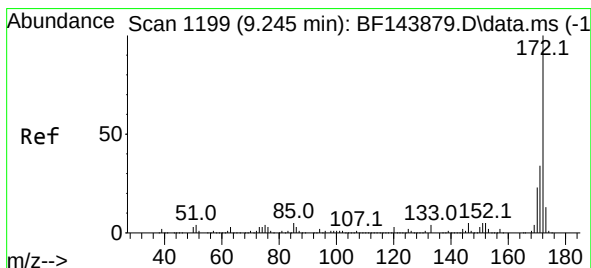
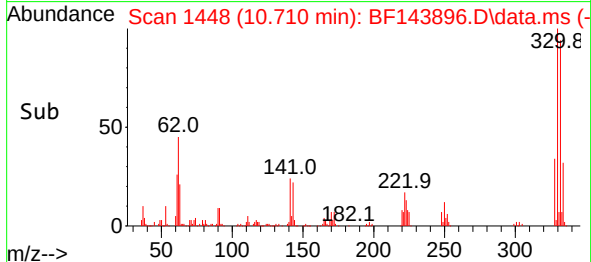
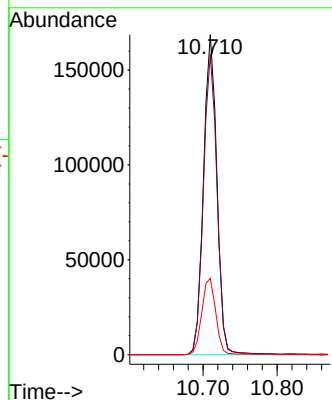
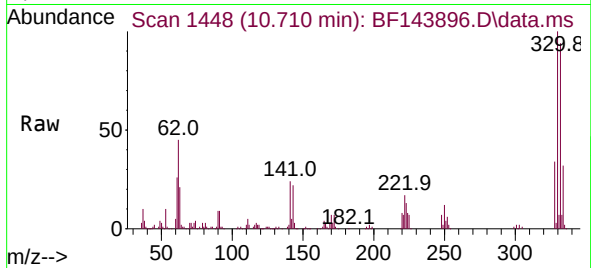




#42
2,4,6-Tribromophenol
Concen: 94.874 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

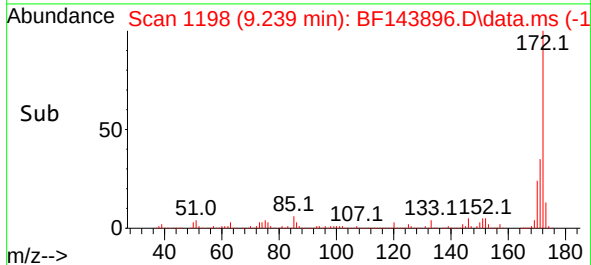
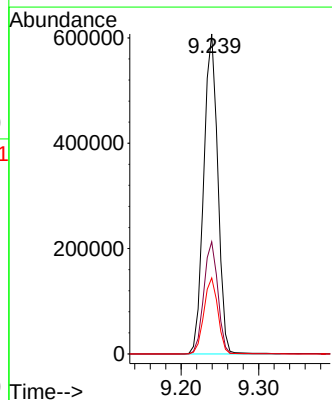
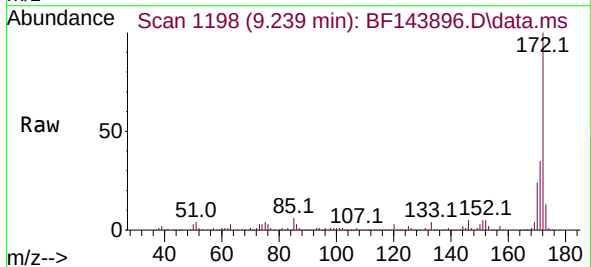
Instrument :
BNA_F
ClientSampleId :
HL-WEST

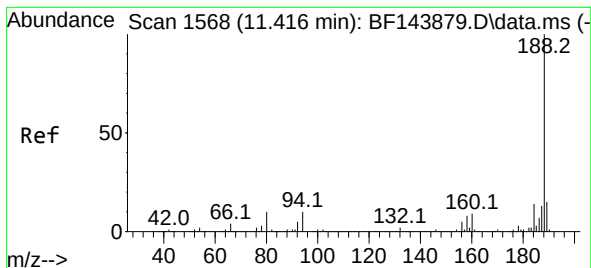
Tgt Ion:330 Resp: 211175
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 24.9 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 54.414 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143896.D
Acq: 08 Oct 2025 15:40

Tgt Ion:172 Resp: 766356
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143896.D

Acq: 08 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

HL-WEST

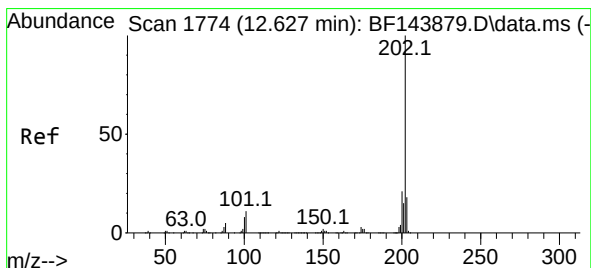
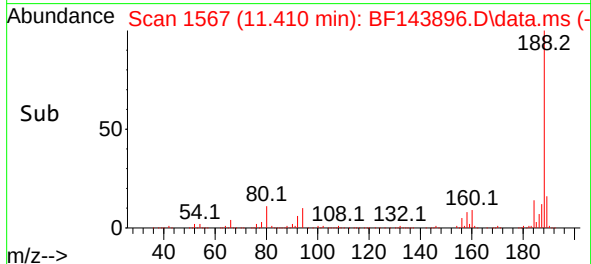
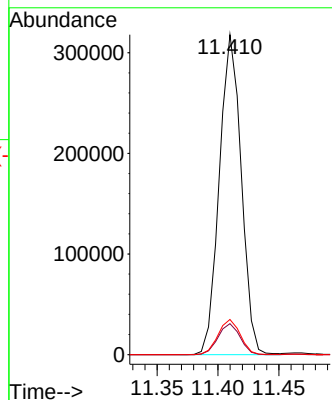
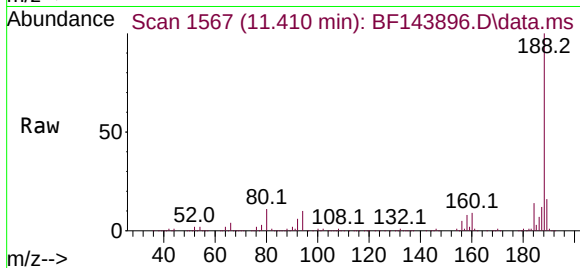
Tgt Ion:188 Resp: 396985

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 11.0 7.9 11.9



#75

Fluoranthene

Concen: 2.638 ng

RT: 12.627 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF143896.D

Acq: 08 Oct 2025 15:40

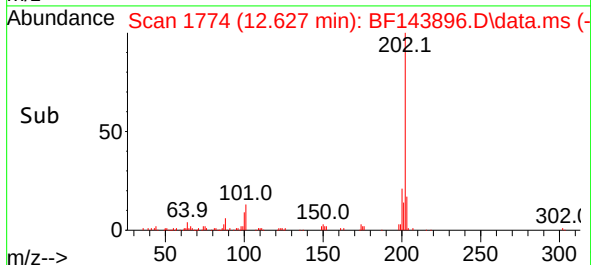
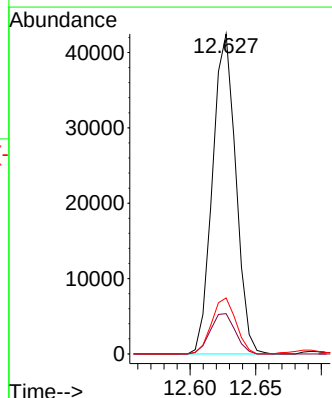
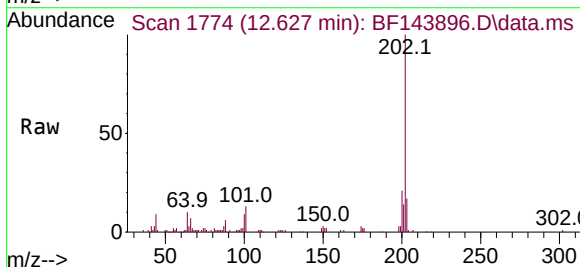
Tgt Ion:202 Resp: 52448

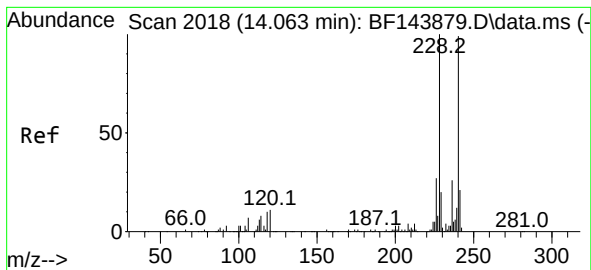
Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.7

203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2018

Delta R.T. -0.011 min

Lab File: BF143896.D

Acq: 08 Oct 2025 15:40

Instrument :

BNA_F

ClientSampleId :

HL-WEST

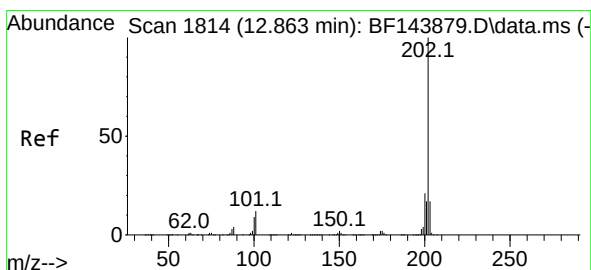
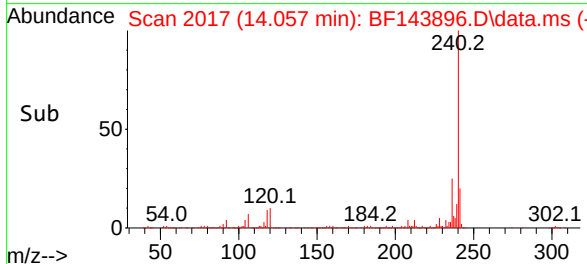
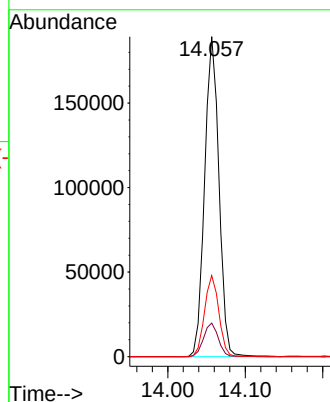
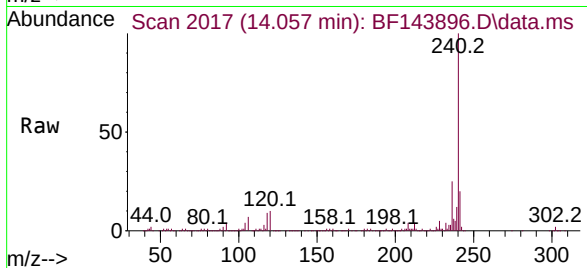
Tgt Ion:240 Resp: 242451

Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.3 21.1 31.7



#78

Pyrene

Concen: 2.385 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143896.D

Acq: 08 Oct 2025 15:40

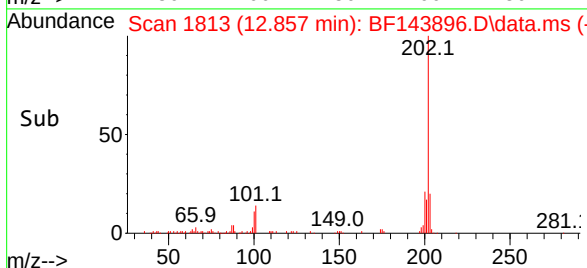
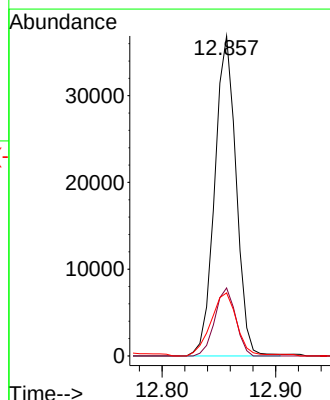
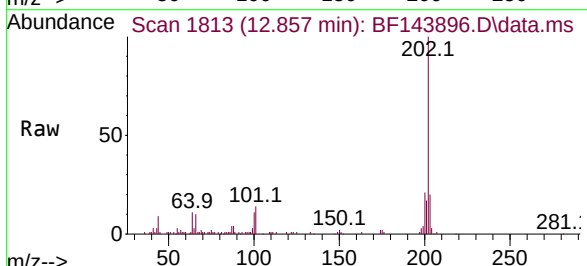
Tgt Ion:202 Resp: 48203

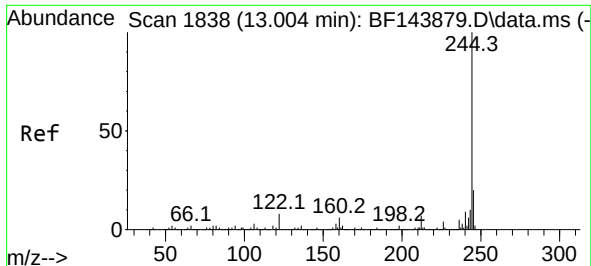
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 19.7 13.8 20.6



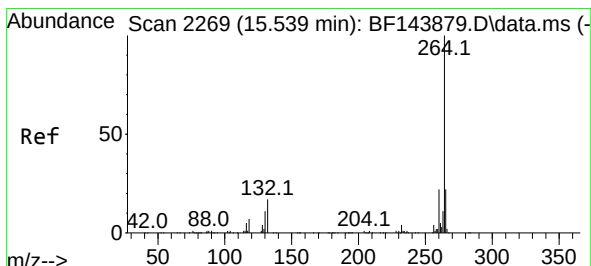
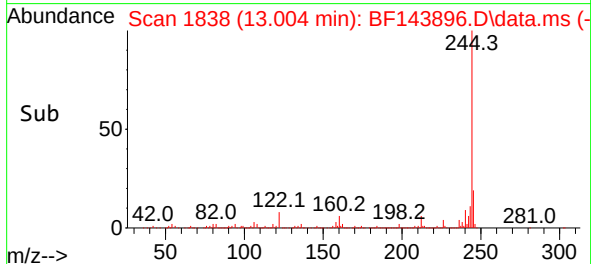
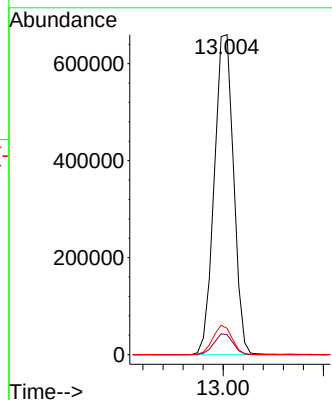
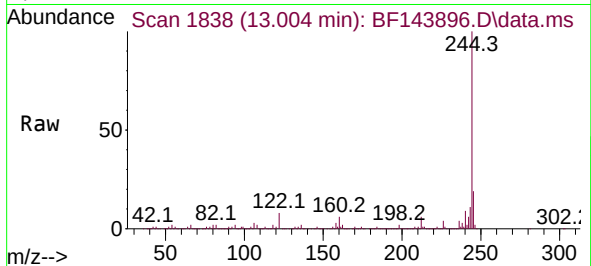


#79
 Terphenyl-d14
 Concen: 62.207 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143896.D
 Acq: 08 Oct 2025 15:40

Instrument :
 BNA_F
 ClientSampleId :
 HL-WEST

Tgt Ion:244 Resp: 882475

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.2	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF143896.D
 Acq: 08 Oct 2025 15:40

Tgt Ion:264 Resp: 287484

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.8	26.8
265	21.1	17.5	26.3

