

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142840.D
 Acq On : 25 Jun 2025 16:32
 Operator : RC/JU
 Sample : Q2393-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

Quant Time: Jun 25 16:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78743	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	299716	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	152673	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	208414	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153326	20.000	ng	0.00
86) Perylene-d12	15.545	264	177028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	370364	78.309	ng	0.00
7) Phenol-d6	6.504	99	470207	84.268	ng	0.00
23) Nitrobenzene-d5	7.439	82	265474	48.584	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	116049	73.864	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	541959	46.633	ng	-0.01
79) Terphenyl-d14	12.992	244	379288	34.180	ng	0.00

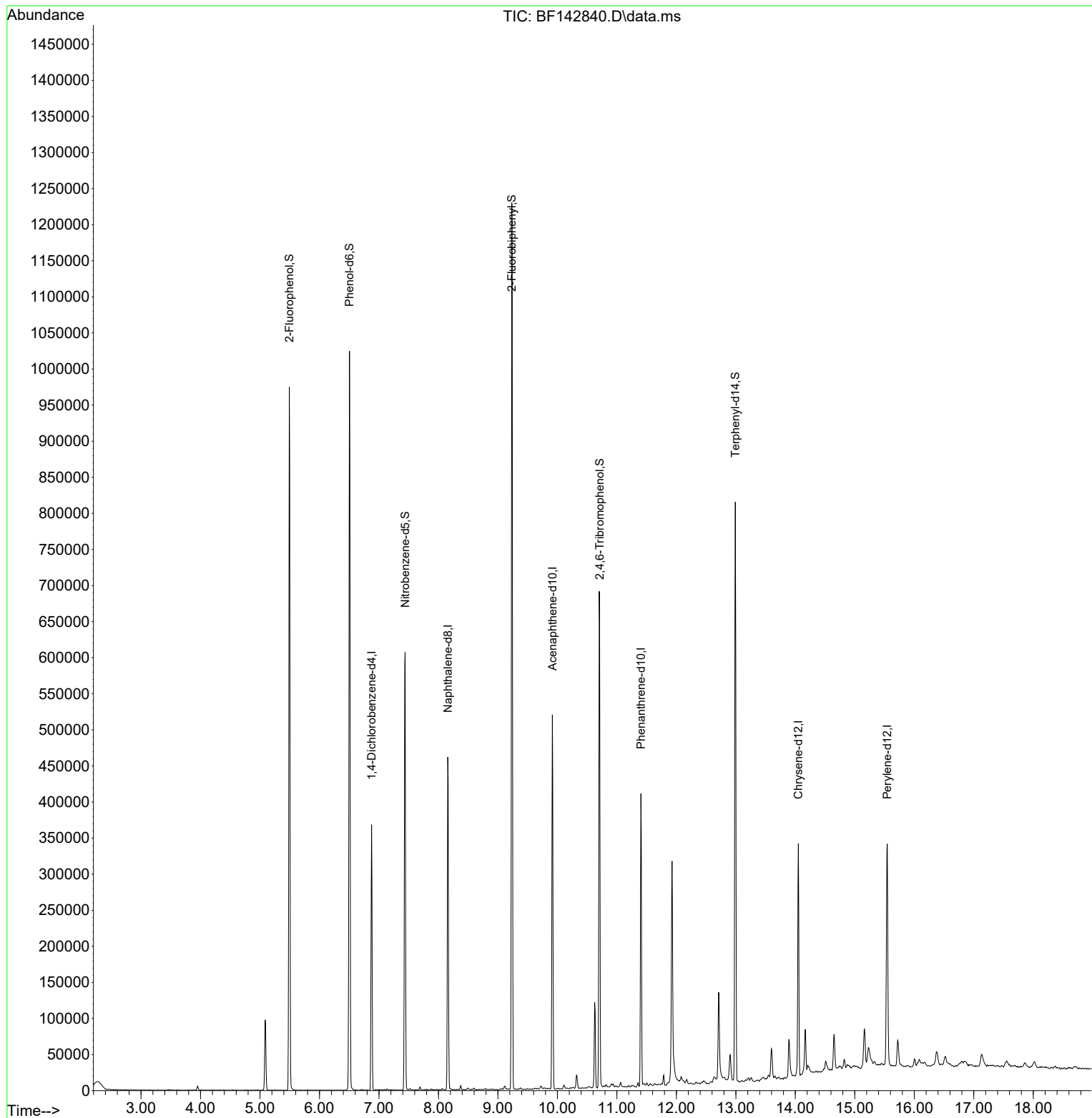
Target Compounds	Qvalue

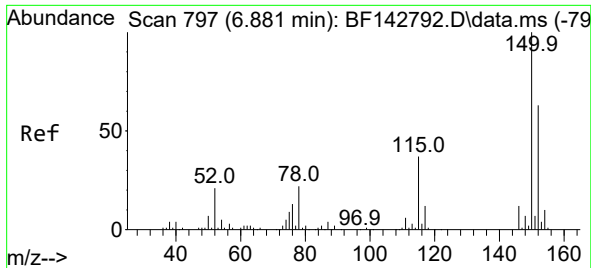
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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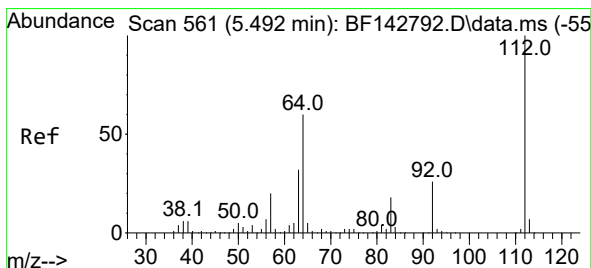
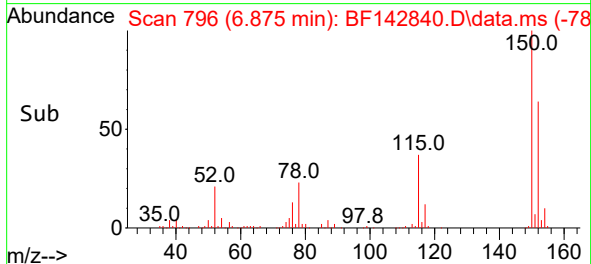
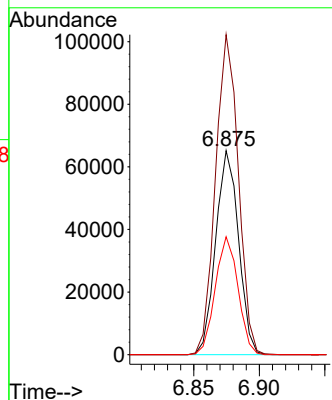
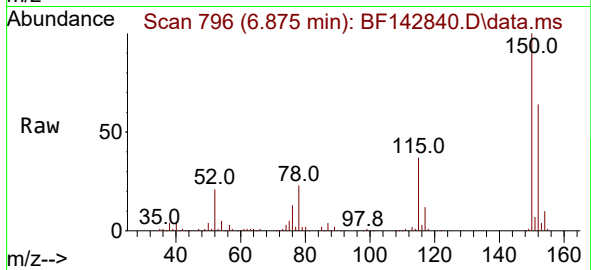




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

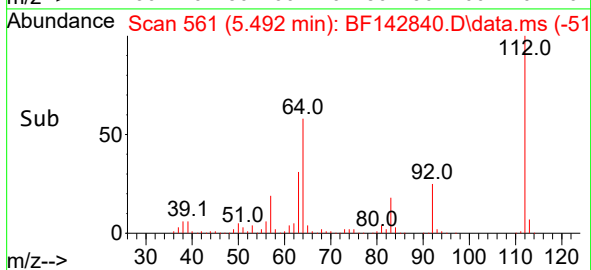
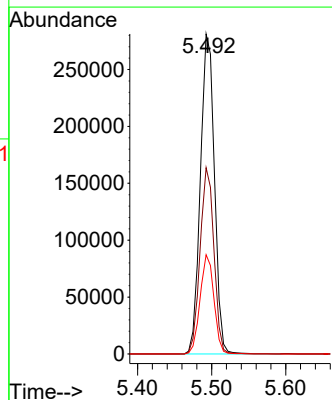
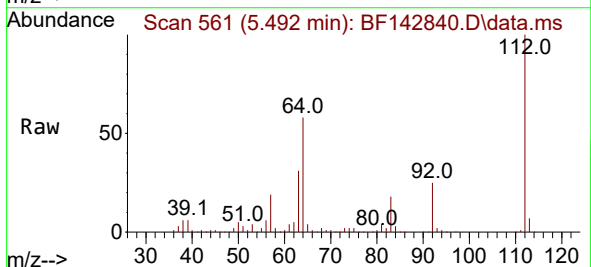
Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

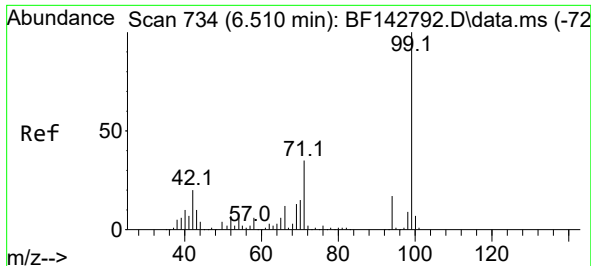
Tgt Ion:152 Resp: 78743
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.2 190.8
 115 57.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 78.309 ng
 RT: 5.492 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Tgt Ion:112 Resp: 370364
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.2 72.2
 63 31.0 25.7 38.5

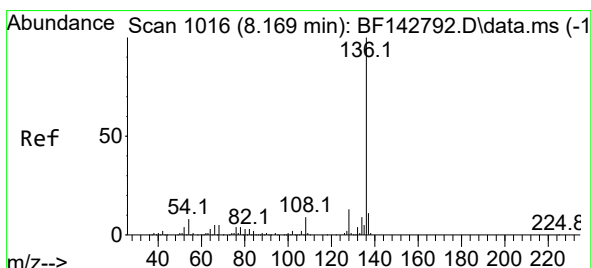
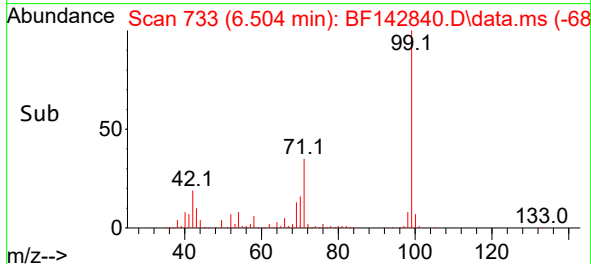
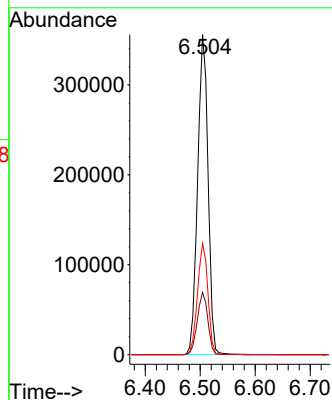
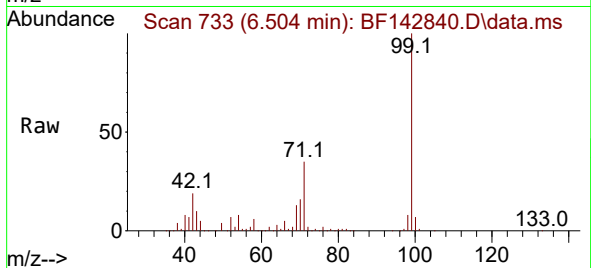




#7
Phenol-d6
Concen: 84.268 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

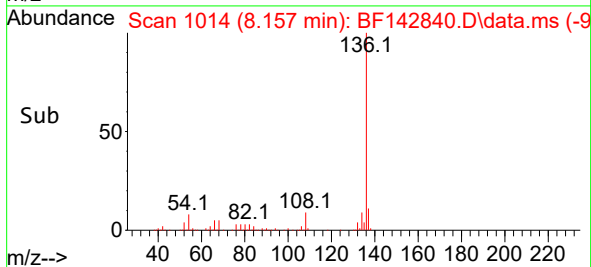
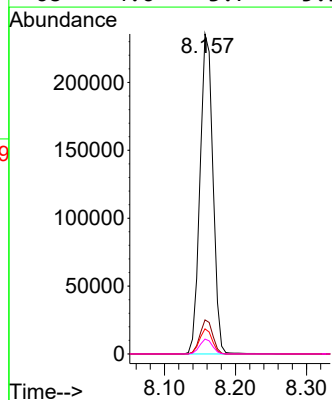
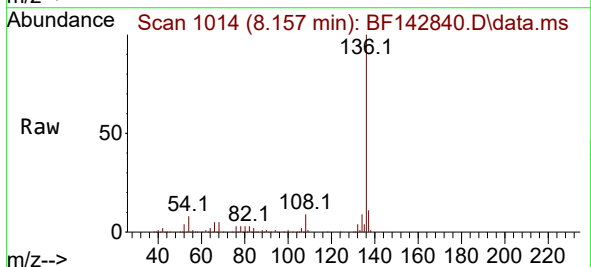
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BNA_F
ClientSampleId :
PARK AVE -1

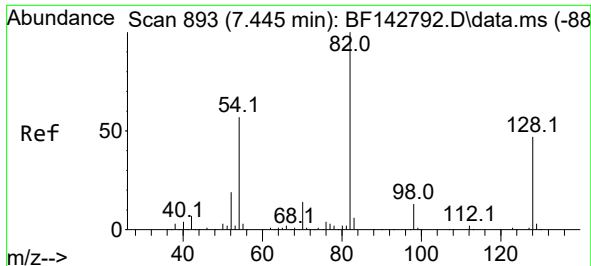
Tgt Ion: 99 Resp: 470207
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:136 Resp: 299716
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5

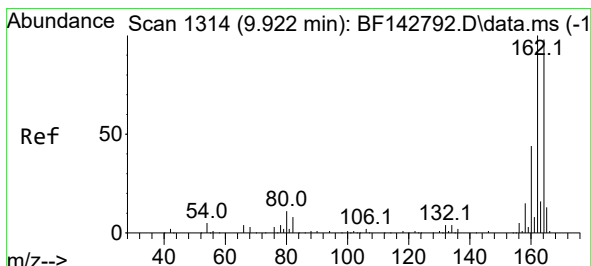
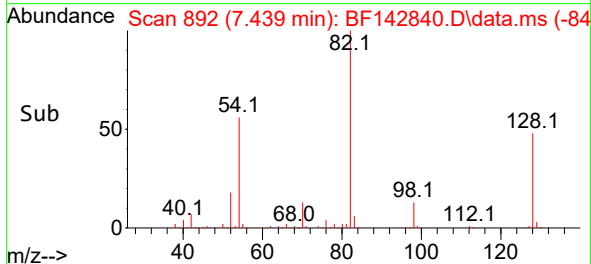
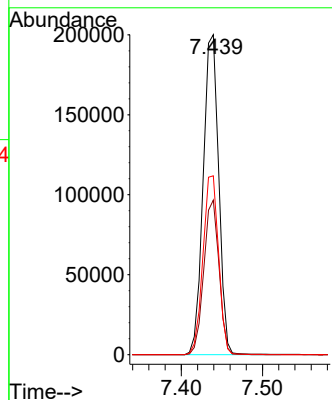
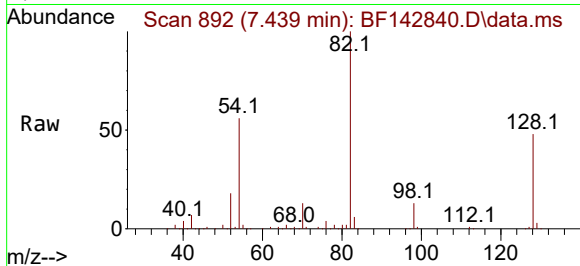




#23
 Nitrobenzene-d5
 Concen: 48.584 ng
 RT: 7.439 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

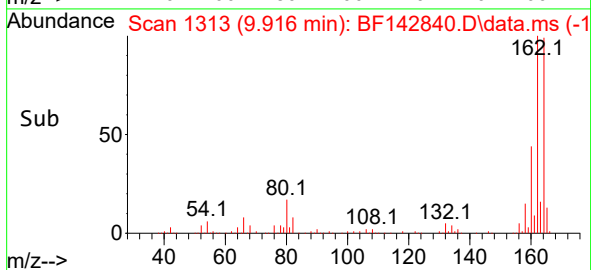
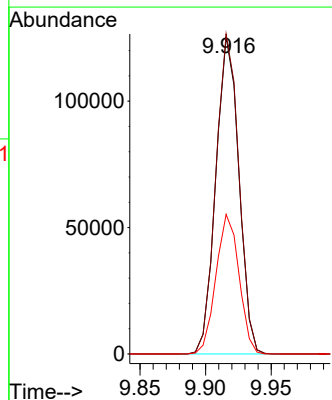
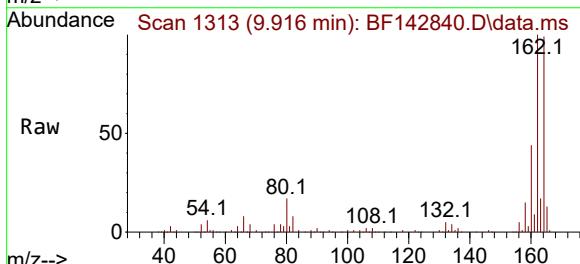
Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

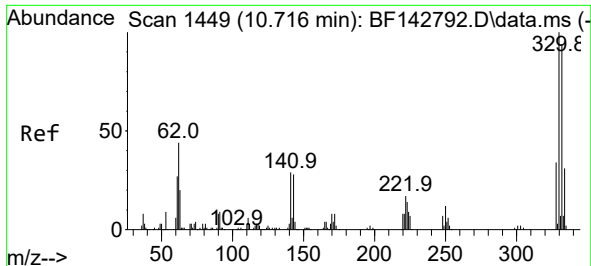
Tgt Ion: 82 Resp: 265474
 Ion Ratio Lower Upper
 82 100
 128 48.3 37.7 56.5
 54 55.9 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Tgt Ion:164 Resp: 152673
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.8 122.8
 160 44.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 73.864 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142840.D

Acq: 25 Jun 2025 16:32

Instrument :

BNA_F

ClientSampleId :

PARK AVE -1

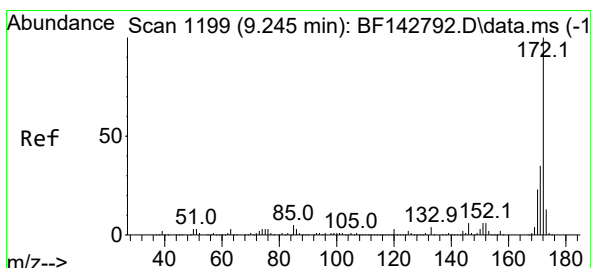
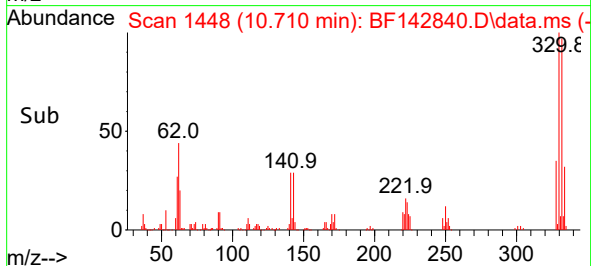
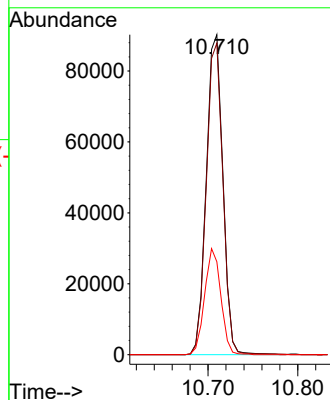
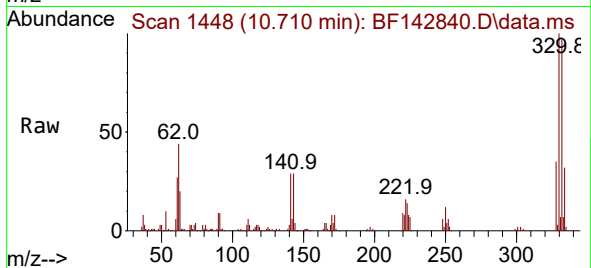
Tgt Ion:330 Resp: 116049

Ion Ratio Lower Upper

330 100

332 97.0 75.0 112.6

141 32.3 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 46.633 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142840.D

Acq: 25 Jun 2025 16:32

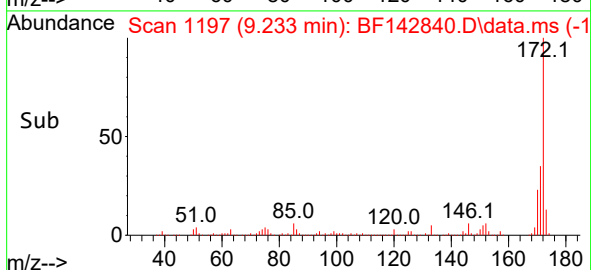
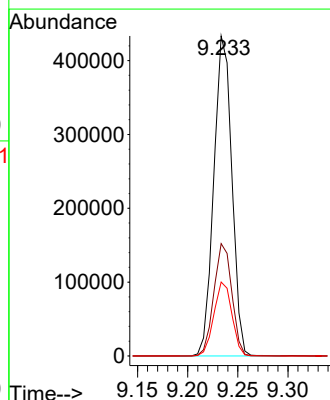
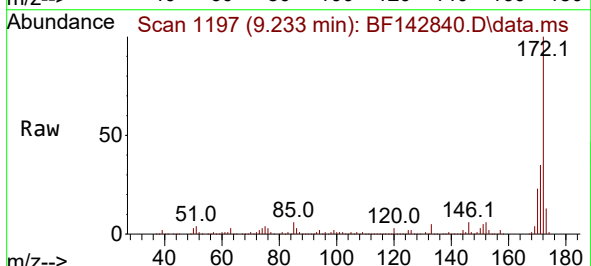
Tgt Ion:172 Resp: 541959

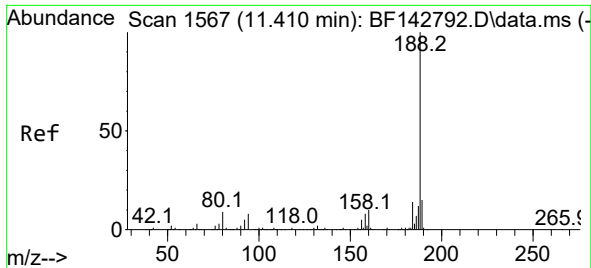
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.5 27.7

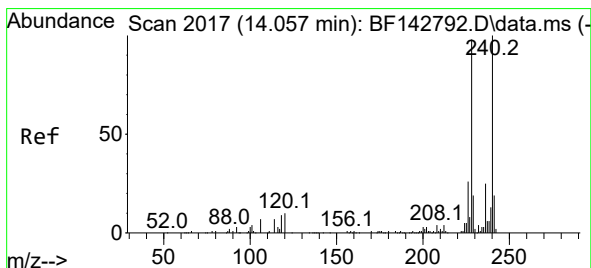
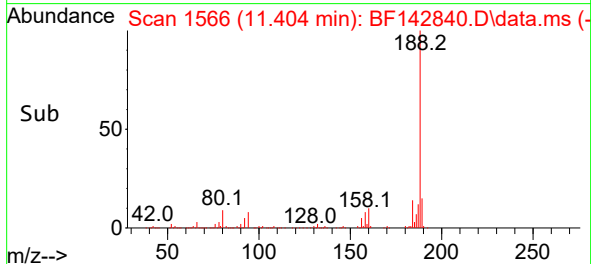
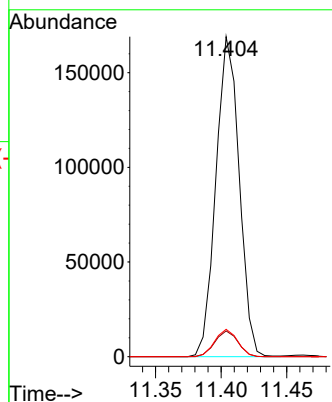
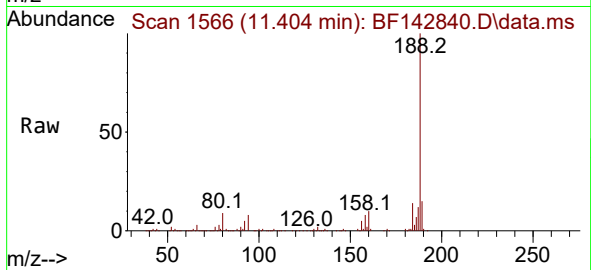




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

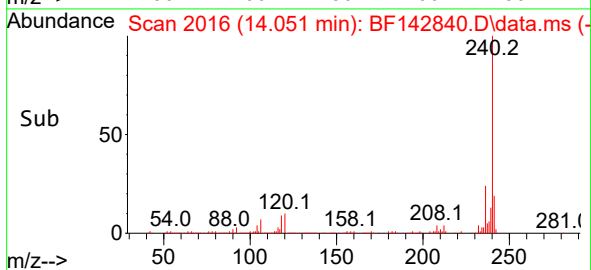
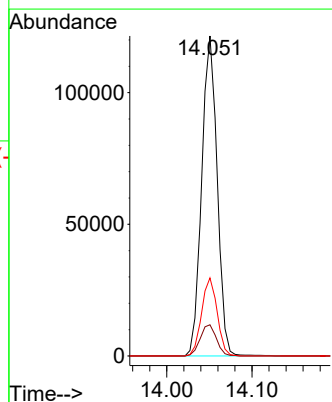
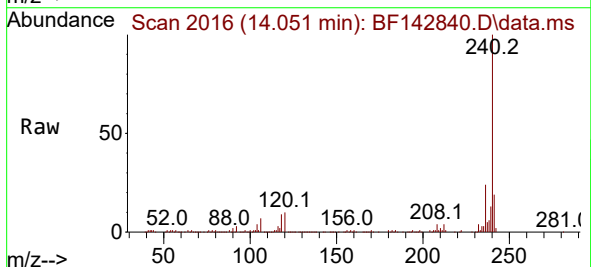
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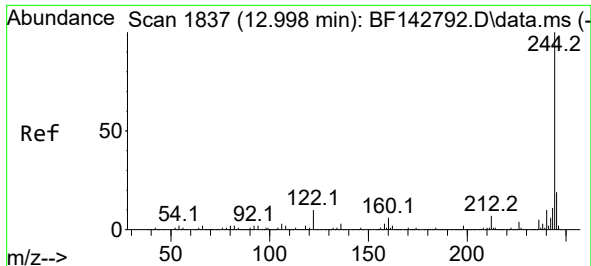
Tgt Ion:188 Resp: 208414
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142840.D
Acq: 25 Jun 2025 16:32

Tgt Ion:240 Resp: 153326
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.4 19.8 29.8

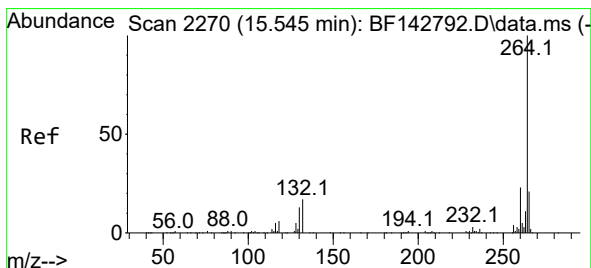
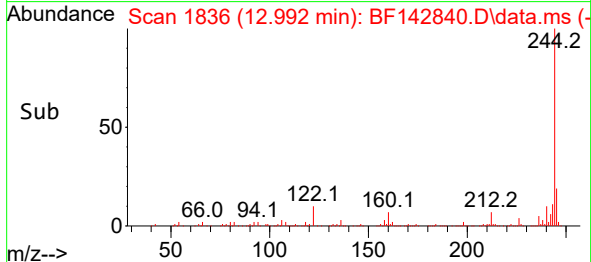
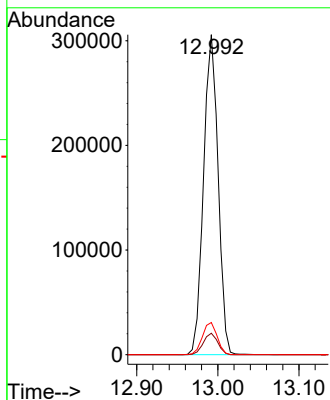
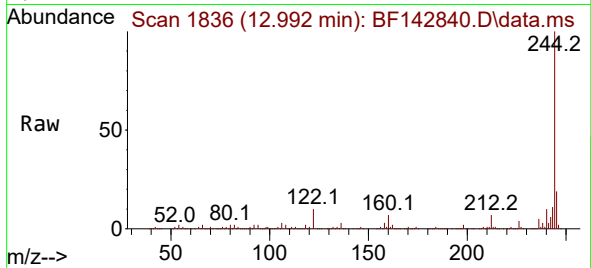




#79
 Terphenyl-d14
 Concen: 34.180 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -1

Tgt Ion:244 Resp: 379288
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF142840.D
 Acq: 25 Jun 2025 16:32

Tgt Ion:264 Resp: 177028
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.3 16.6 25.0

