

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143613.D
 Acq On : 28 Aug 2025 16:45
 Operator : RC/JU
 Sample : Q2970-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11

Quant Time: Aug 28 17:55:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

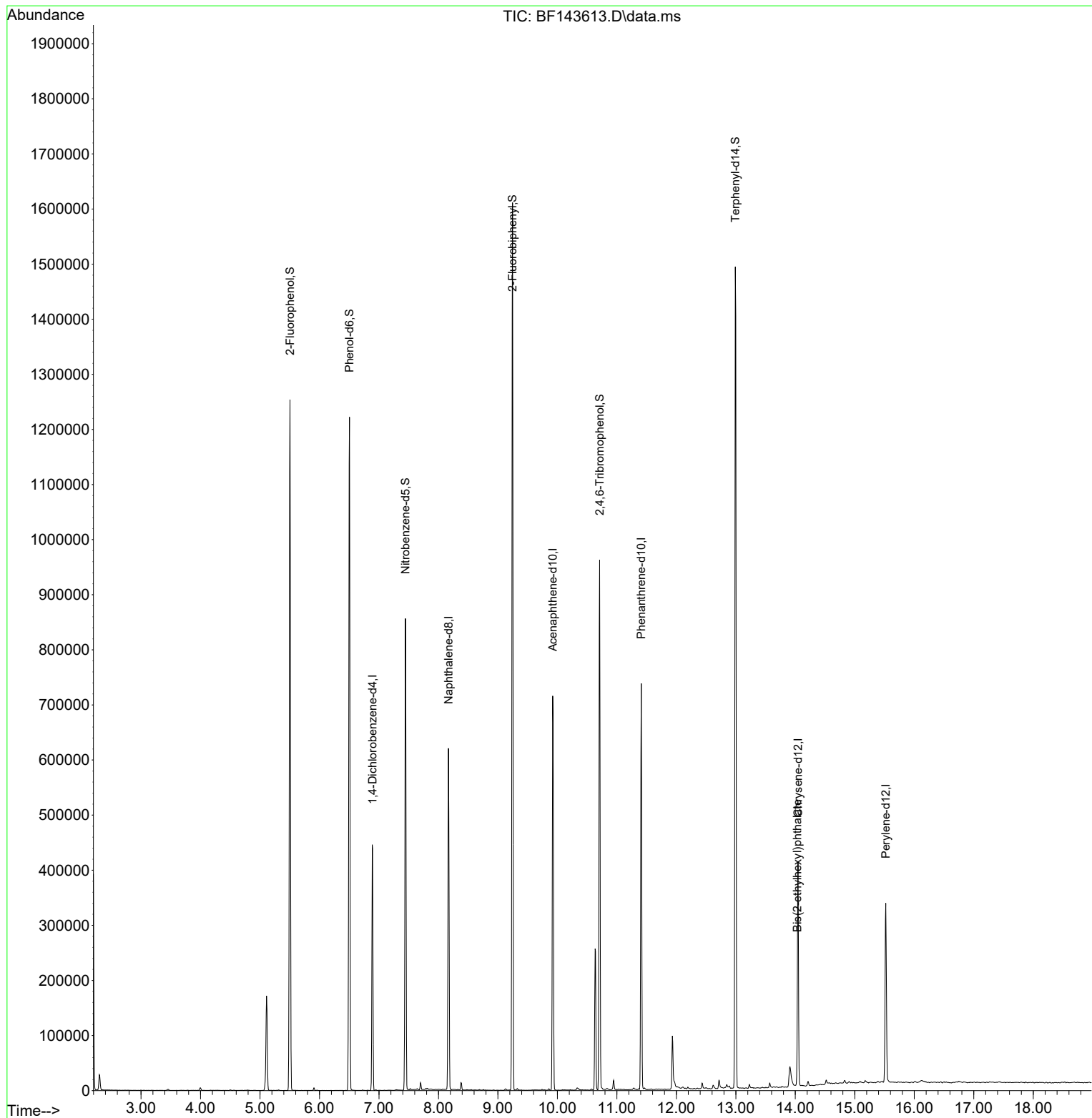
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	98379	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	377482	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	218637	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	368083	20.000	ng	0.00
76) Chrysene-d12	14.045	240	193513	20.000	ng	0.00
86) Perylene-d12	15.521	264	192358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	456007	78.890	ng	0.00
7) Phenol-d6	6.504	99	584534	81.647	ng	0.00
23) Nitrobenzene-d5	7.445	82	361207	68.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	162885	95.267	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	708511	55.406	ng	0.00
79) Terphenyl-d14	12.992	244	740637	68.681	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.033	149	6078	4.195	ng	Qvalue 98

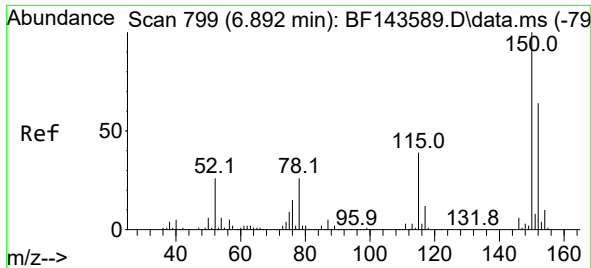
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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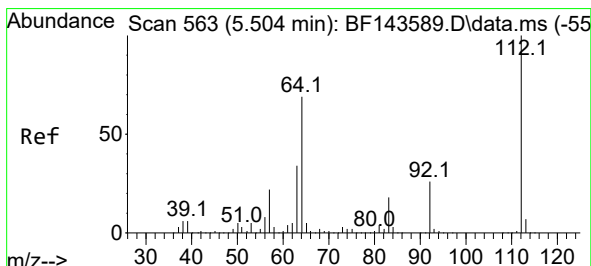
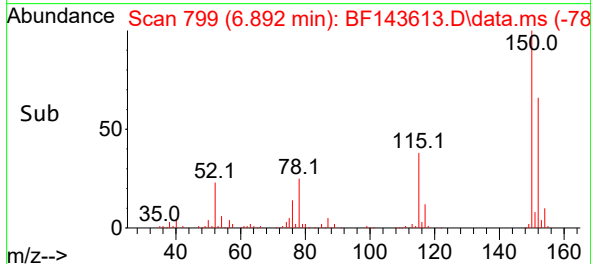
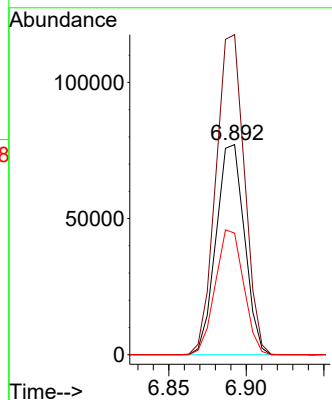
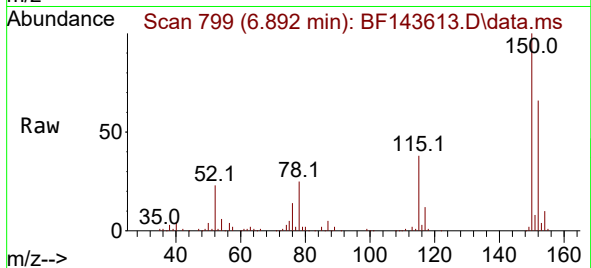




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143613.D
 Acq: 28 Aug 2025 16:45

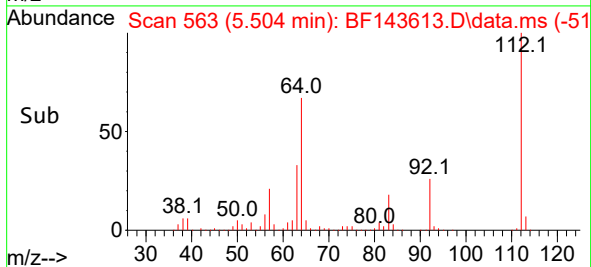
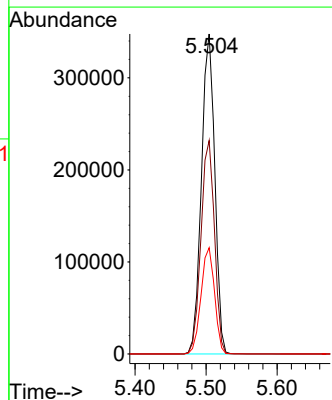
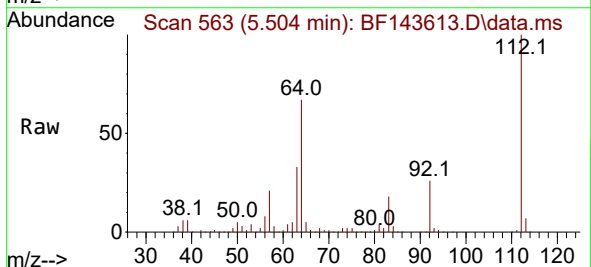
Instrument :
 BNA_F
 ClientSampleId :
 TP11

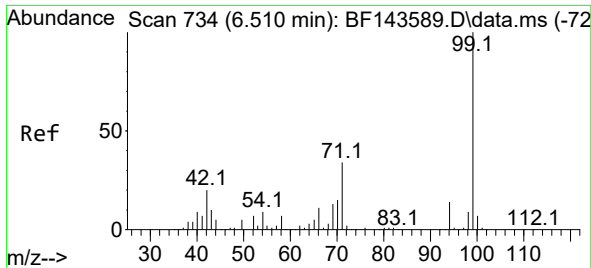
Tgt Ion:152 Resp: 98379
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.9 187.3
 115 57.9 48.0 72.0



#5
 2-Fluorophenol
 Concen: 78.890 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143613.D
 Acq: 28 Aug 2025 16:45

Tgt Ion:112 Resp: 456007
 Ion Ratio Lower Upper
 112 100
 64 66.7 54.8 82.2
 63 33.2 27.6 41.4

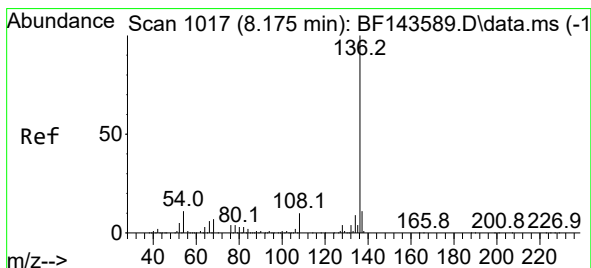
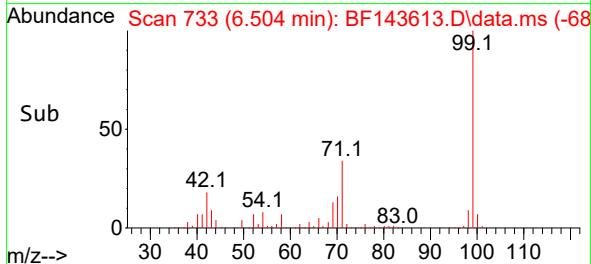
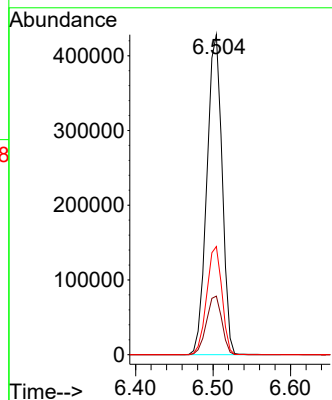
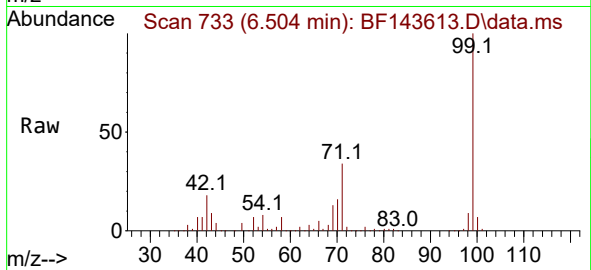




#7
Phenol-d6
Concen: 81.647 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

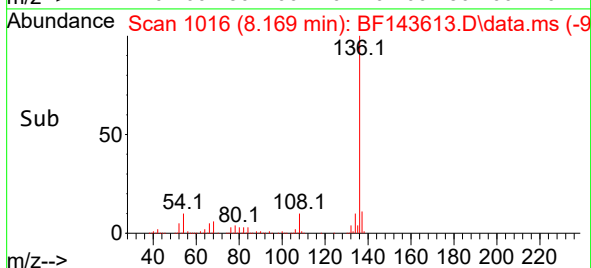
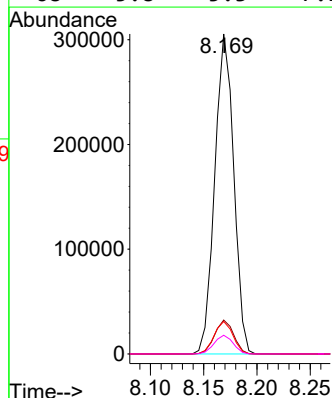
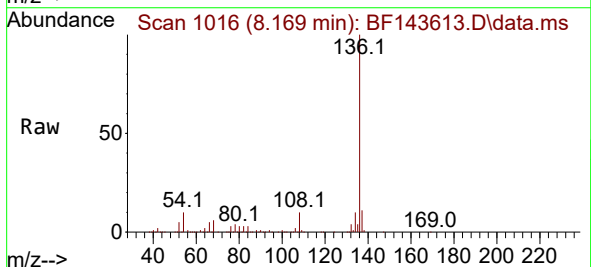
Instrument :
BNA_F
ClientSampleId :
TP11

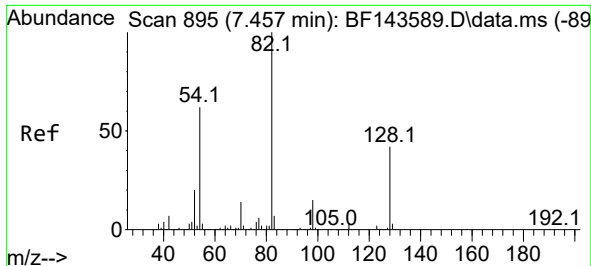
Tgt Ion: 99 Resp: 584534
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 33.8 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

Tgt Ion: 136 Resp: 377482
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.2 9.0 13.6
68 5.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 68.323 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143613.D

Acq: 28 Aug 2025 16:45

Instrument :

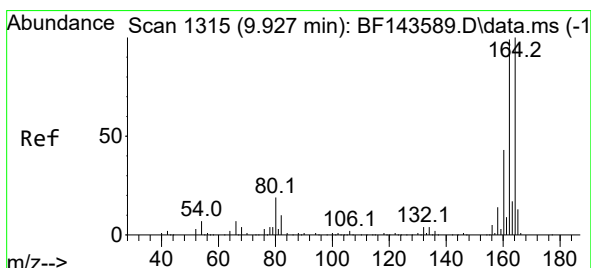
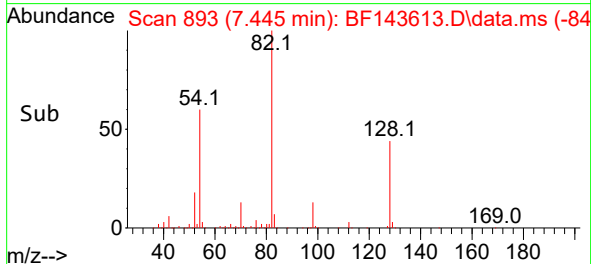
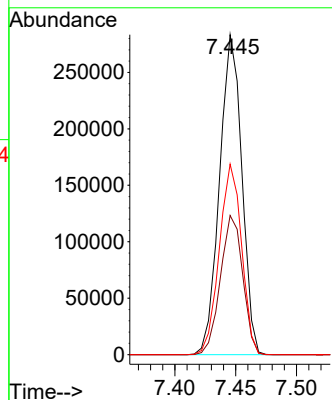
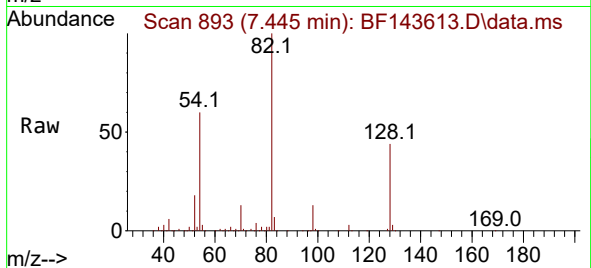
BNA_F

ClientSampleId :

TP11

Tgt Ion: 82 Resp: 361207

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.2
54	59.6	49.3	73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

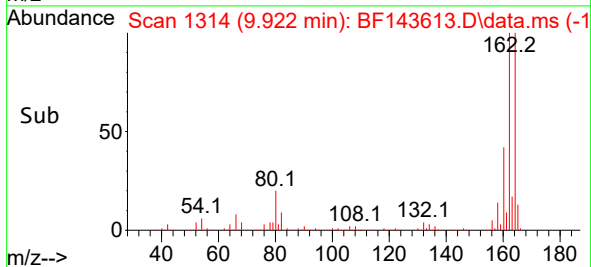
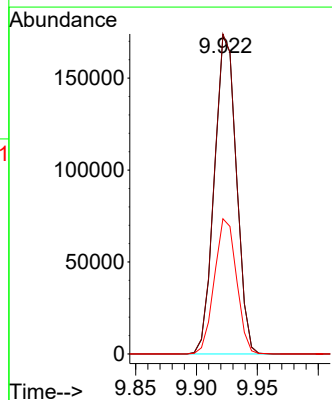
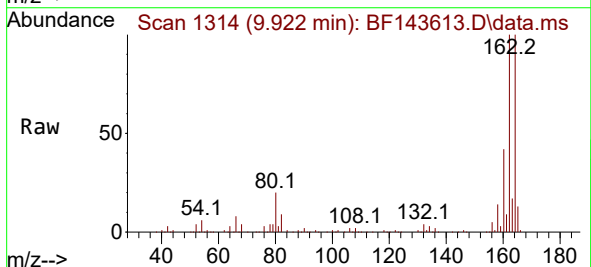
Delta R.T. -0.005 min

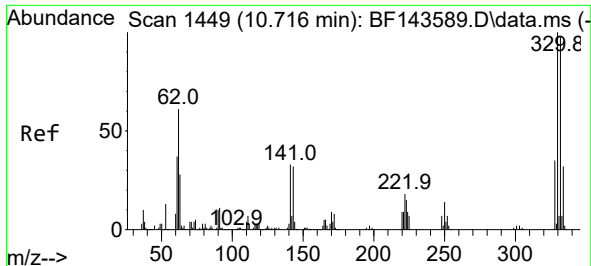
Lab File: BF143613.D

Acq: 28 Aug 2025 16:45

Tgt Ion: 164 Resp: 218637

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.5	119.3
160	42.4	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 95.267 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143613.D

Acq: 28 Aug 2025 16:45

Instrument :

BNA_F

ClientSampleId :

TP11

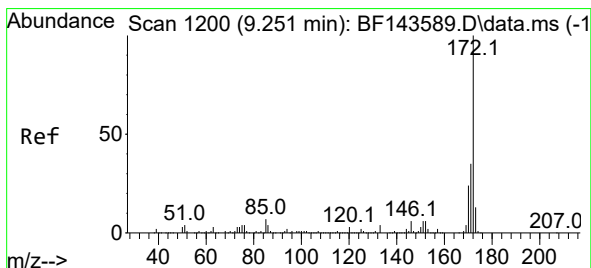
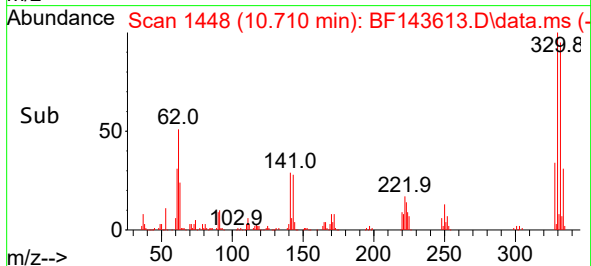
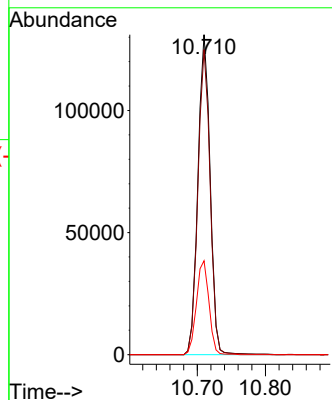
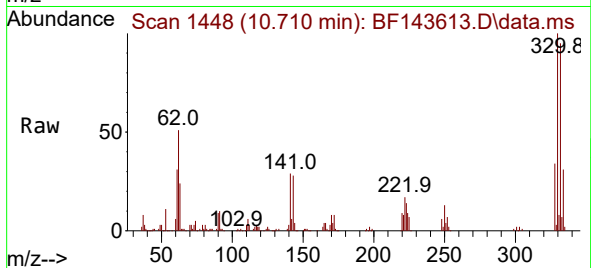
Tgt Ion:330 Resp: 162885

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 30.0 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 55.406 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143613.D

Acq: 28 Aug 2025 16:45

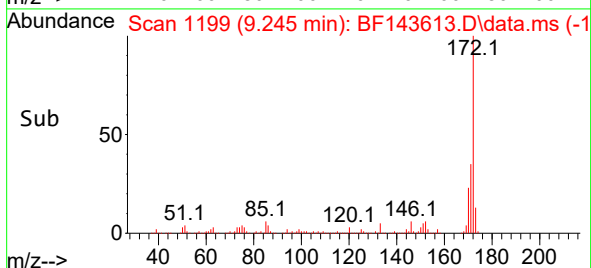
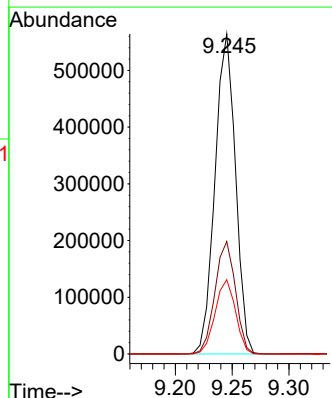
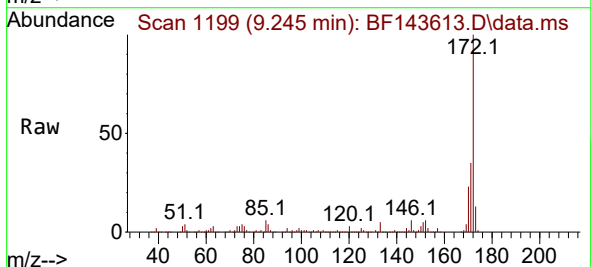
Tgt Ion:172 Resp: 708511

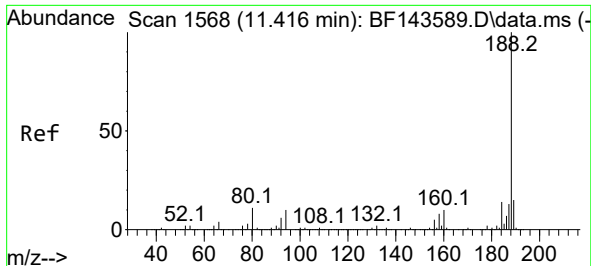
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.4

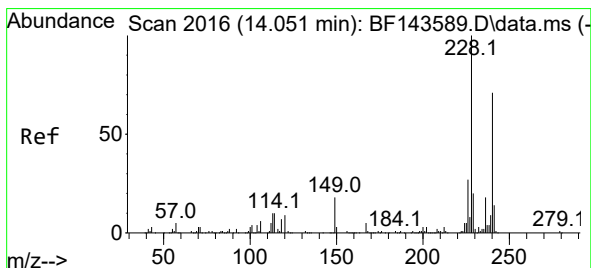
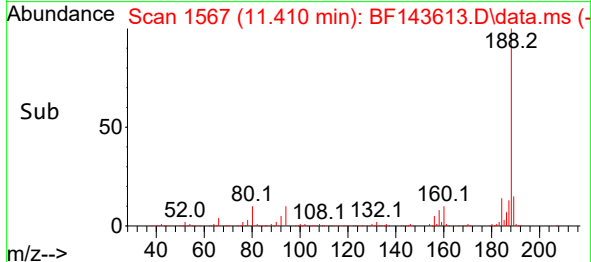
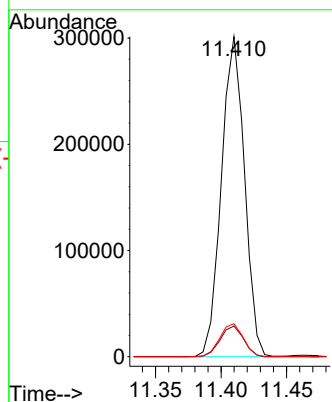
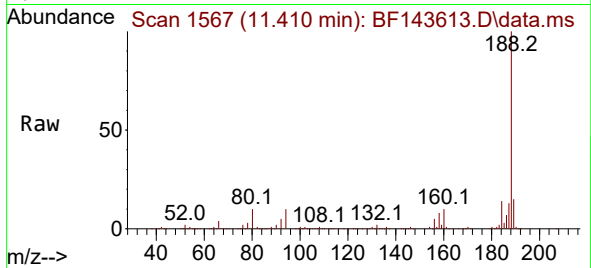




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

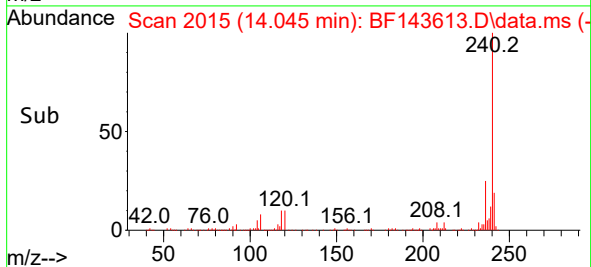
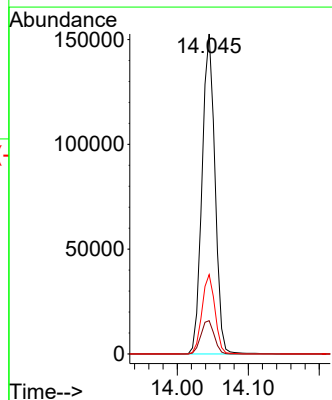
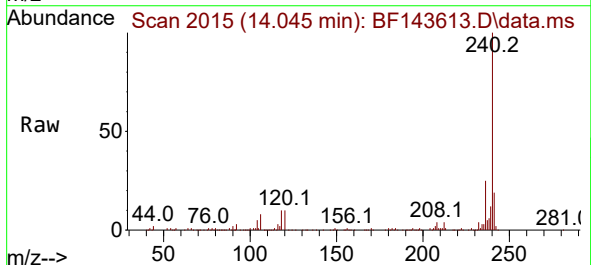
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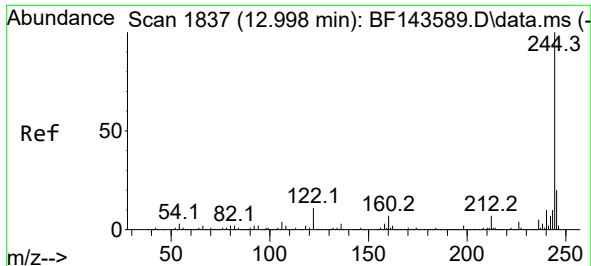
Tgt Ion:188 Resp: 368083
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

Tgt Ion:240 Resp: 193513
Ion Ratio Lower Upper
240 100
120 10.4 9.6 14.4
236 24.8 20.2 30.2

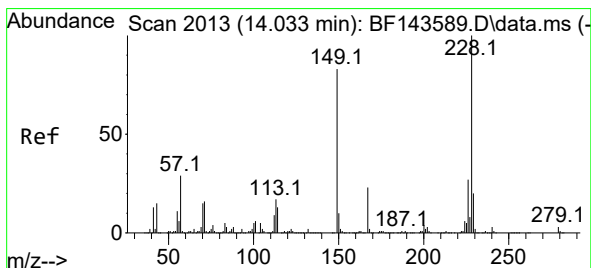
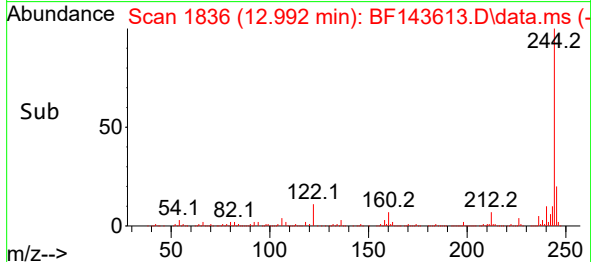
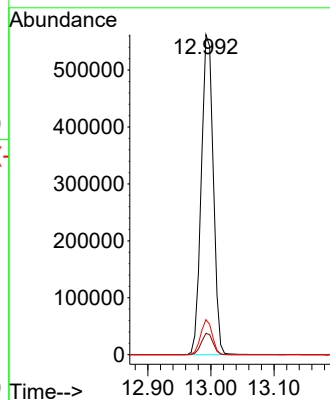
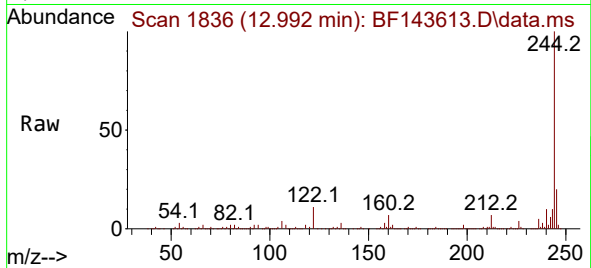




#79
Terphenyl-d14
Concen: 68.681 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

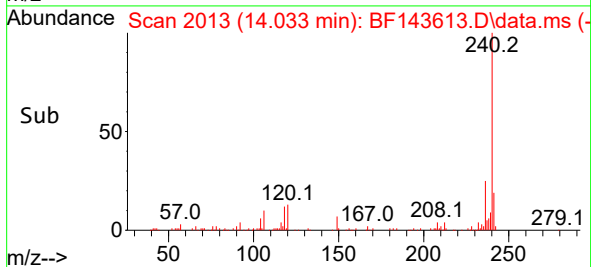
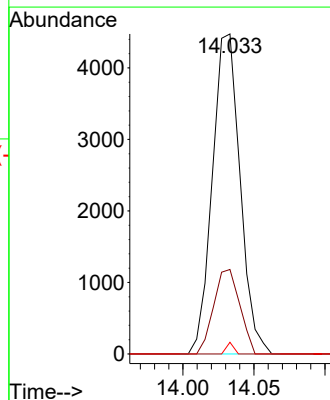
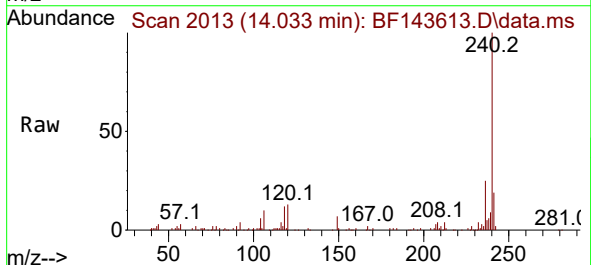
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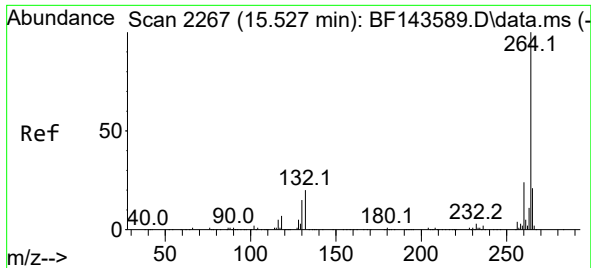
Tgt Ion:244 Resp: 740637
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.0 8.8 13.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.195 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143613.D
Acq: 28 Aug 2025 16:45

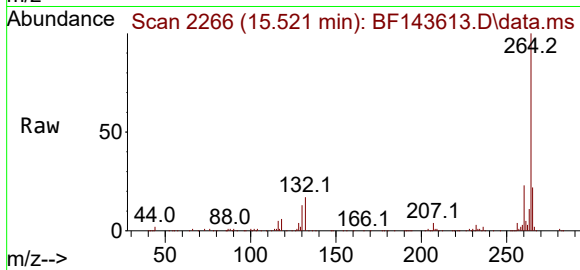
Tgt Ion:149 Resp: 6078
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 3.6 2.9 4.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143613.D
 Acq: 28 Aug 2025 16:45

Instrument :
 BNA_F
 ClientSampleId :
 TP11



Tgt Ion:264 Resp: 192358
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 21.5 17.0 25.4

