

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143834.D
 Acq On : 30 Sep 2025 15:33
 Operator : RC/JU
 Sample : SP6874
 Misc : 625.1 SURROGATES
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6874

Quant Time: Sep 30 16:02:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	139434	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	539809	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	292903	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504561	20.000	ng	0.00
76) Chrysene-d12	14.051	240	443768	20.000	ng	-0.01
86) Perylene-d12	15.533	264	511580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	902138	105.118	ng	0.00
7) Phenol-d6	6.499	99	1058028	106.698	ng	-0.01
23) Nitrobenzene-d5	7.446	82	1008245	114.330	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	499740	115.230	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2069088	110.235	ng	0.00
79) Terphenyl-d14	13.004	244	2993964	137.210	ng	0.00

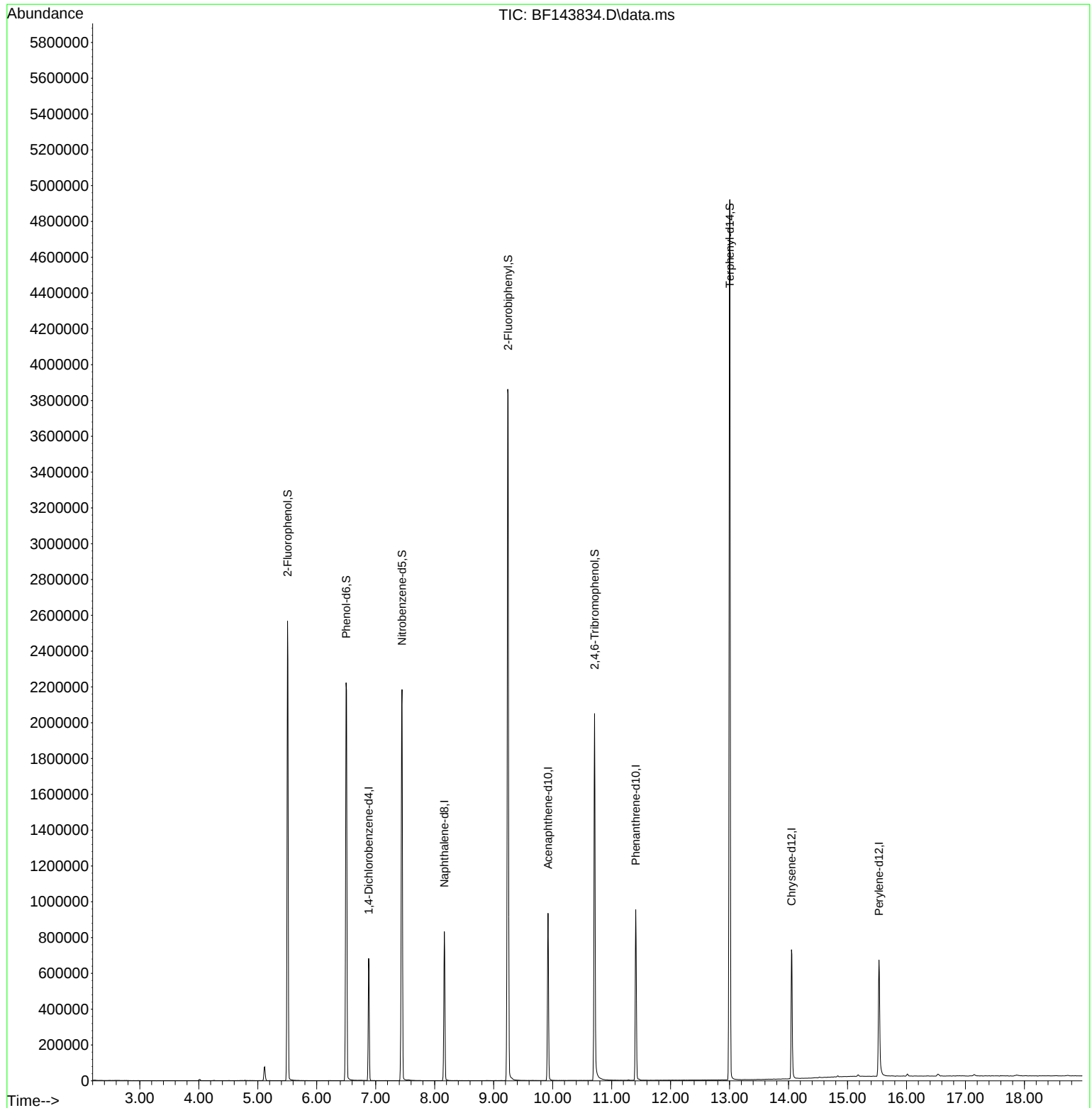
Target Compounds	Qvalue

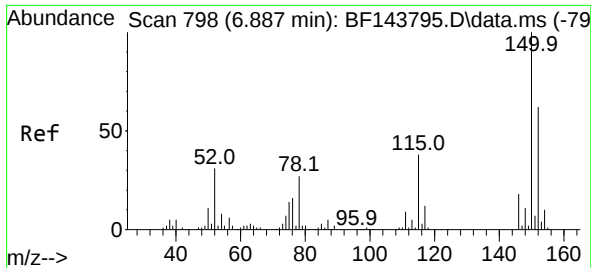
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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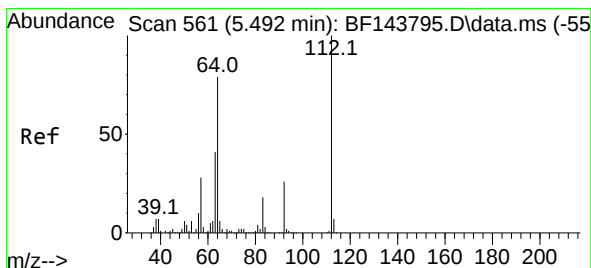
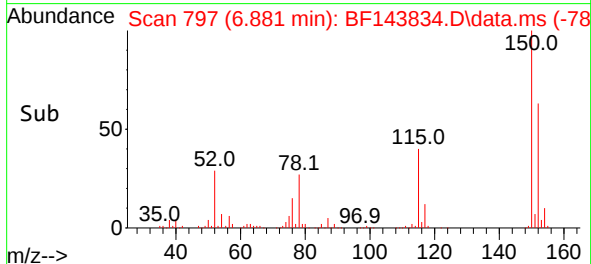
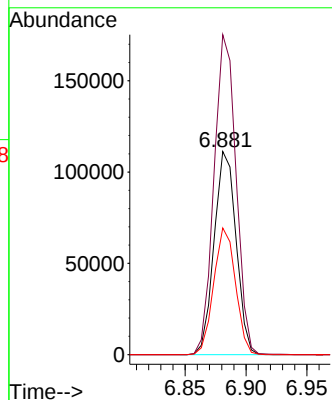
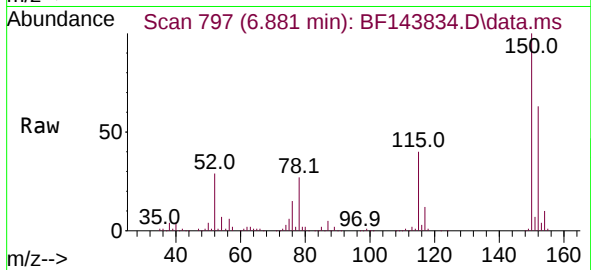




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

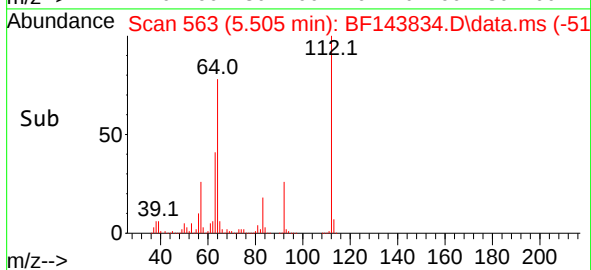
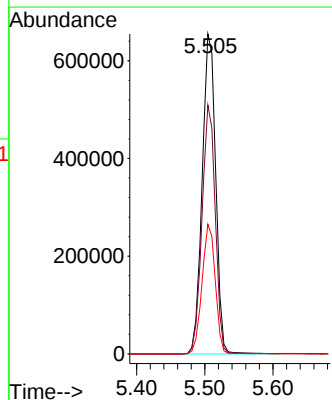
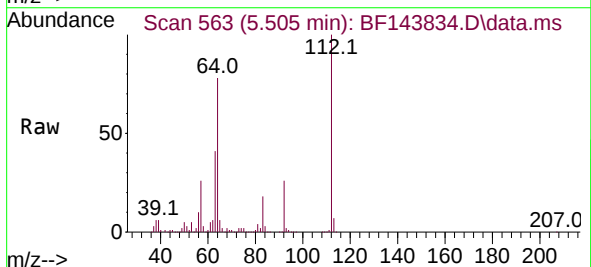
Instrument :
BNA_F
ClientSampleId :
SP6874

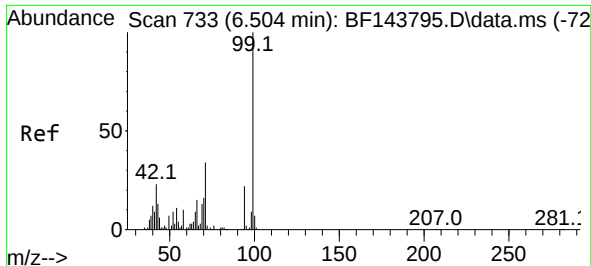
Tgt Ion:152 Resp: 139434
Ion Ratio Lower Upper
152 100
150 157.6 129.6 194.4
115 62.4 49.0 73.4



#5
2-Fluorophenol
Concen: 105.118 ng
RT: 5.505 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

Tgt Ion:112 Resp: 902138
Ion Ratio Lower Upper
112 100
64 77.8 63.0 94.4
63 40.5 32.6 49.0



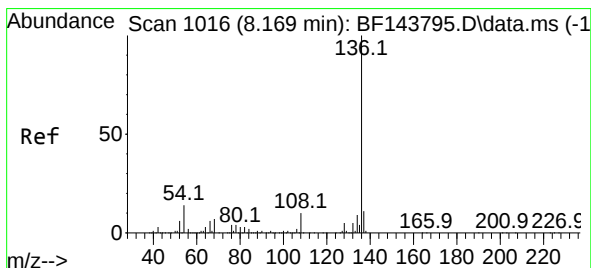
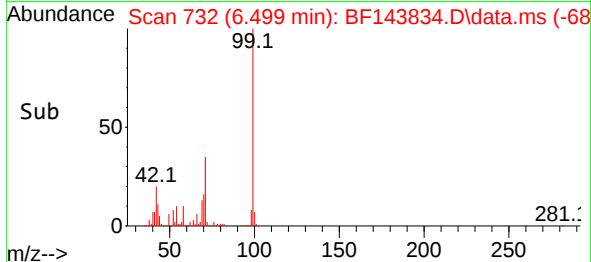
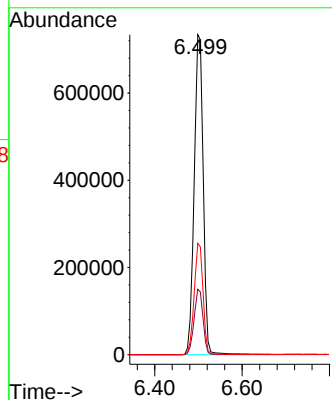
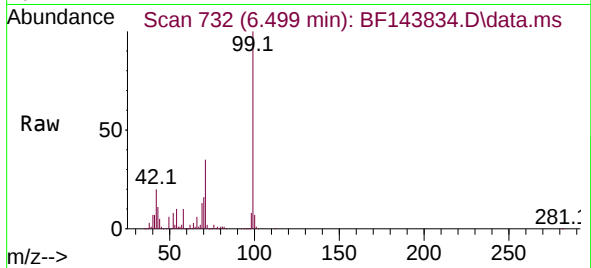


#7
Phenol-d6
Concen: 106.698 ng
RT: 6.499 min Scan# 733
Delta R.T. -0.011 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

Instrument :
BNA_F
ClientSampleId :
SP6874

Tgt Ion: 99 Resp: 1058028

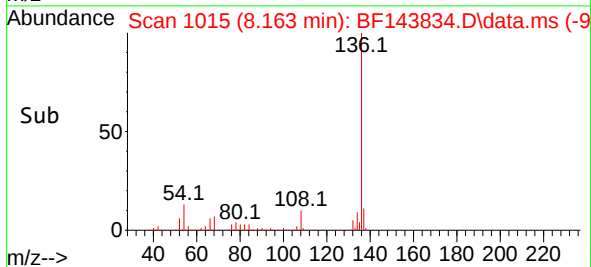
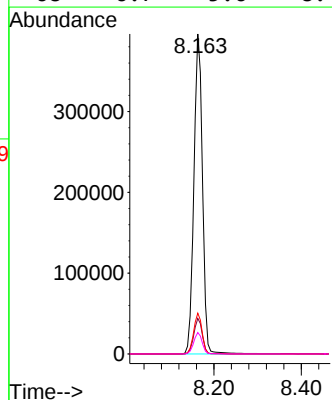
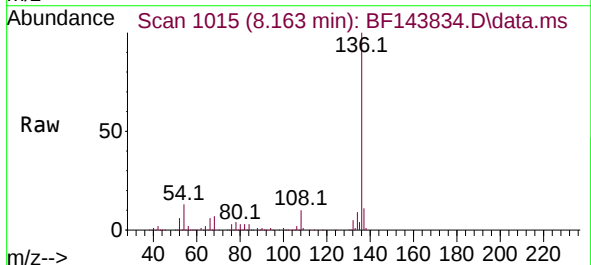
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.6	28.0
71	34.8	27.0	40.4

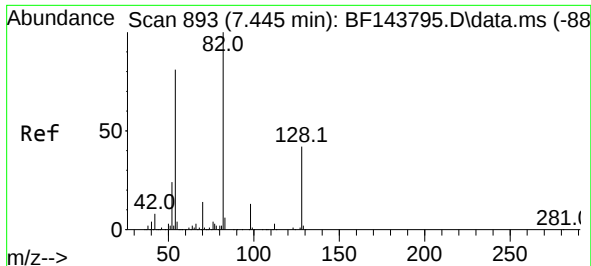


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

Tgt Ion: 136 Resp: 539809

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	12.7	11.2	16.8
68	6.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 114.330 ng

RT: 7.446 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF143834.D

Acq: 30 Sep 2025 15:33

Instrument :

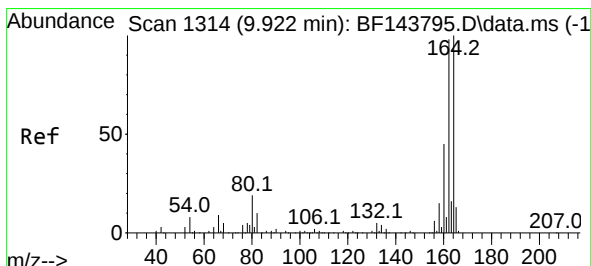
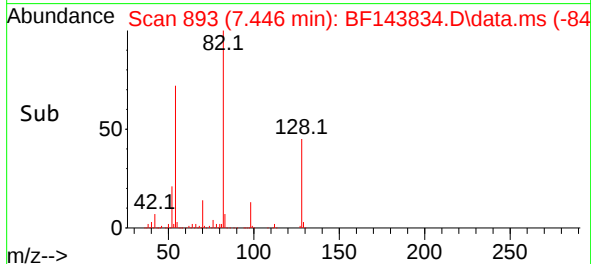
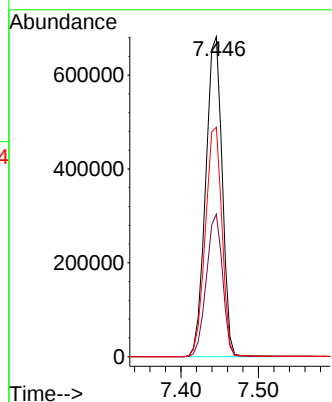
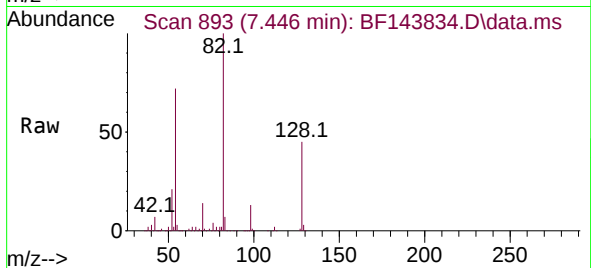
BNA_F

ClientSampleId :

SP6874

Tgt Ion: 82 Resp: 1008245

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.3	49.9
54	71.7	64.2	96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

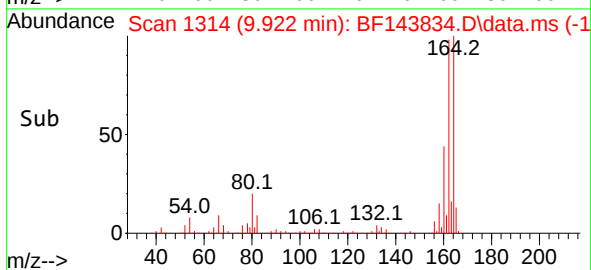
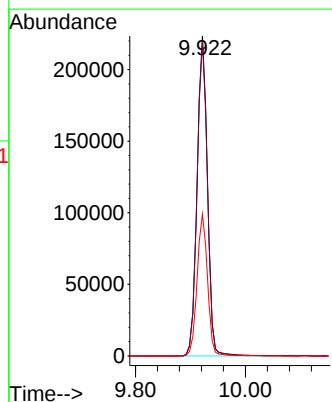
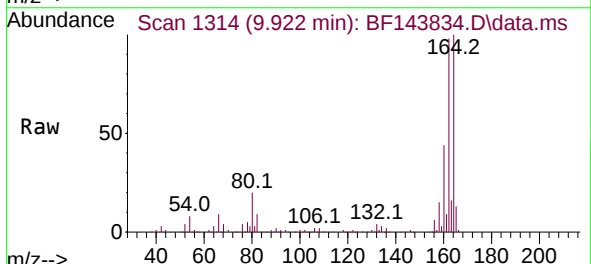
Delta R.T. -0.006 min

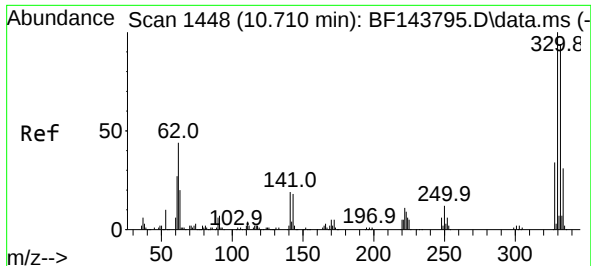
Lab File: BF143834.D

Acq: 30 Sep 2025 15:33

Tgt Ion: 164 Resp: 292903

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 115.230 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143834.D

Acq: 30 Sep 2025 15:33

Instrument :

BNA_F

ClientSampleId :

SP6874

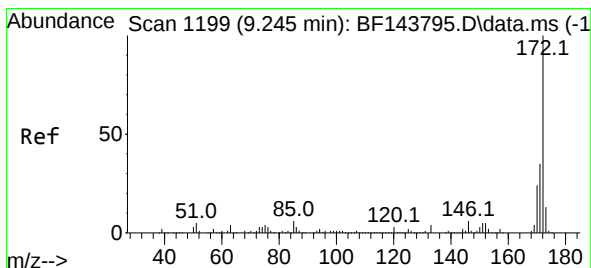
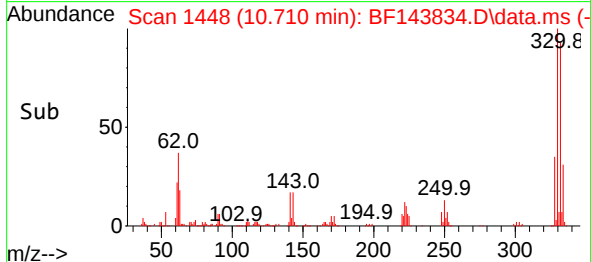
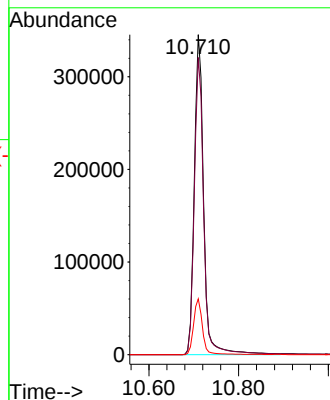
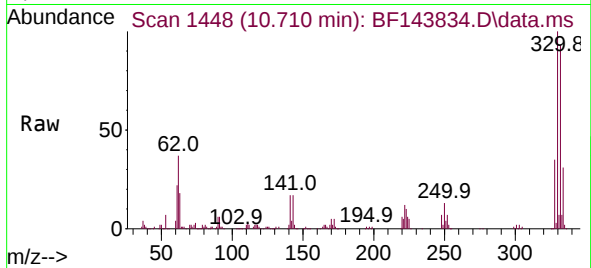
Tgt Ion:330 Resp: 499740

Ion Ratio Lower Upper

330 100

332 93.7 74.7 112.1

141 16.5 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 110.235 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143834.D

Acq: 30 Sep 2025 15:33

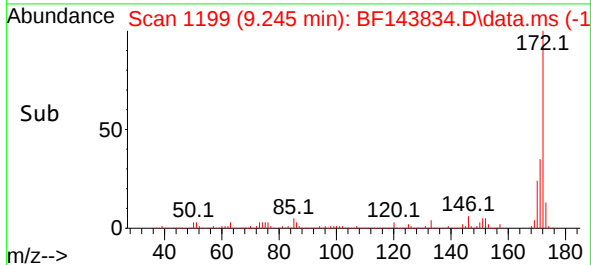
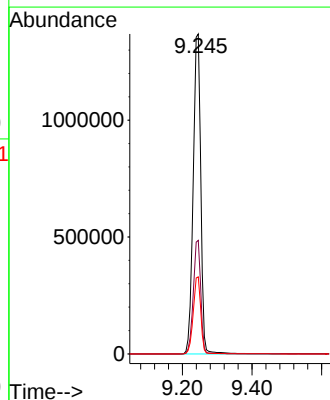
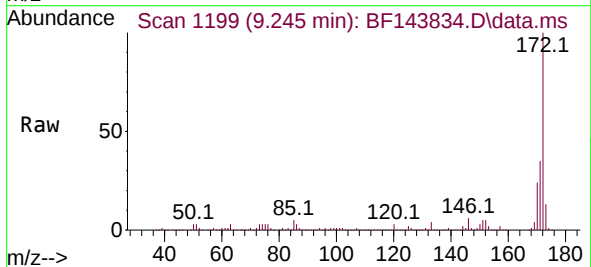
Tgt Ion:172 Resp: 2069088

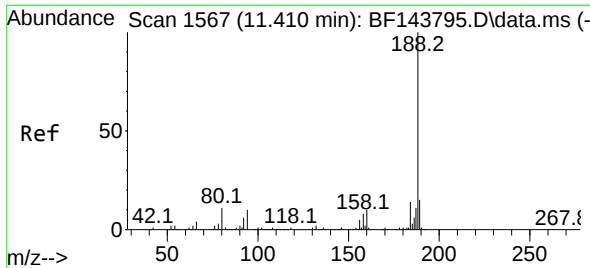
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 24.1 19.1 28.7

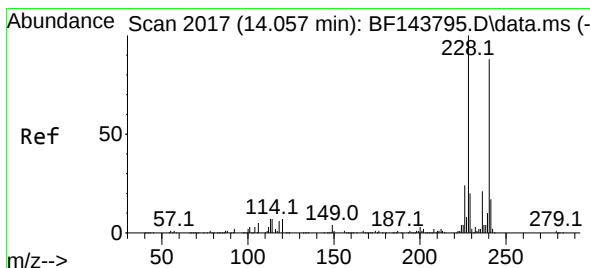
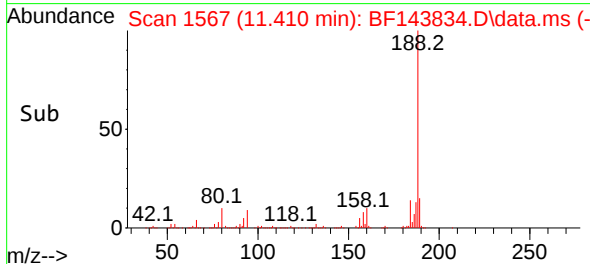
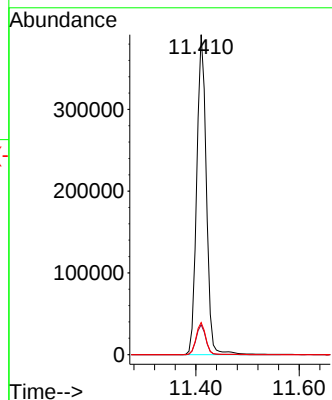
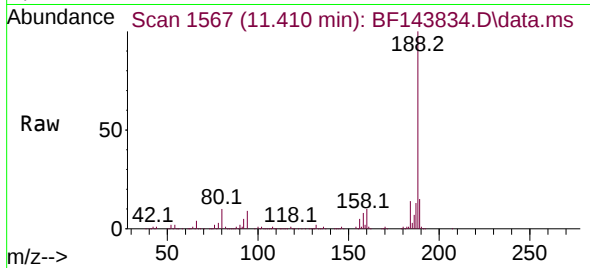




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

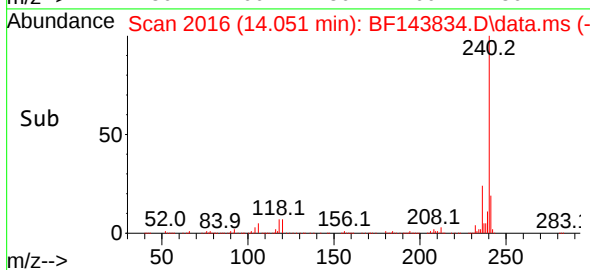
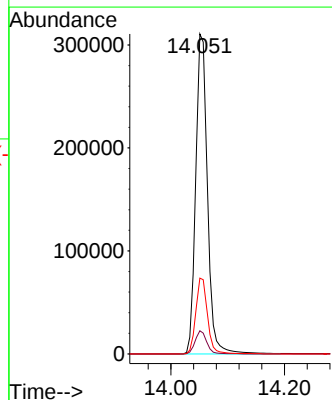
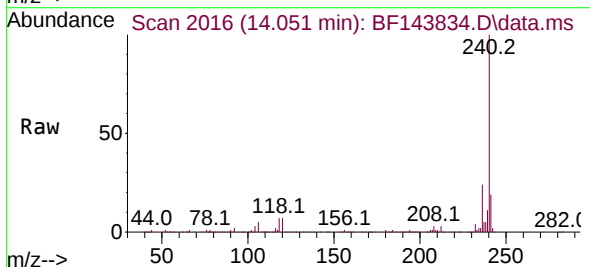
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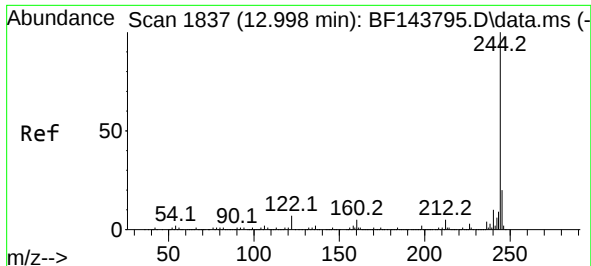
Tgt Ion:188 Resp: 504561
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143834.D
Acq: 30 Sep 2025 15:33

Tgt Ion:240 Resp: 443768
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.4
236 23.7 19.4 29.2

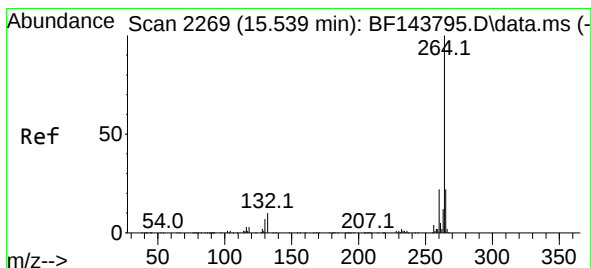
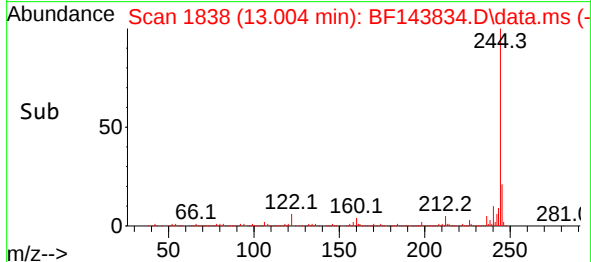
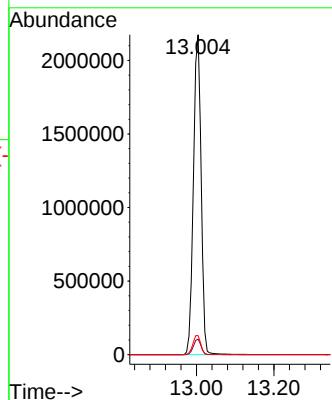
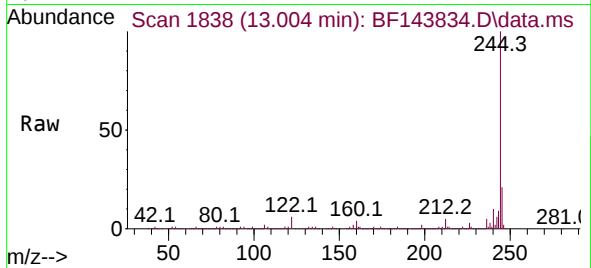




#79
 Terphenyl-d14
 Concen: 137.210 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF143834.D
 Acq: 30 Sep 2025 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SP6874

Tgt Ion:244 Resp: 2993964
 Ion Ratio Lower Upper
 244 100
 212 4.8 3.9 5.9
 122 5.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143834.D
 Acq: 30 Sep 2025 15:33

Tgt Ion:264 Resp: 511580
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.9 26.9
 265 22.7 17.7 26.5

