

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143727.D
 Acq On : 12 Sep 2025 12:11
 Operator : RC/JU
 Sample : PB169589TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169589TB

Quant Time: Sep 12 12:37:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	35136	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	136153	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	76475	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	119403	20.000	ng	0.01
76) Chrysene-d12	14.057	240	74214	20.000	ng	0.01
86) Perylene-d12	15.539	264	80815	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	287595	139.651	ng	0.02
7) Phenol-d6	6.516	99	345905	137.948	ng	0.01
23) Nitrobenzene-d5	7.451	82	207432	94.764	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	103967	134.900	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	478509	94.520	ng	0.00
79) Terphenyl-d14	13.010	244	415201	90.662	ng	0.02

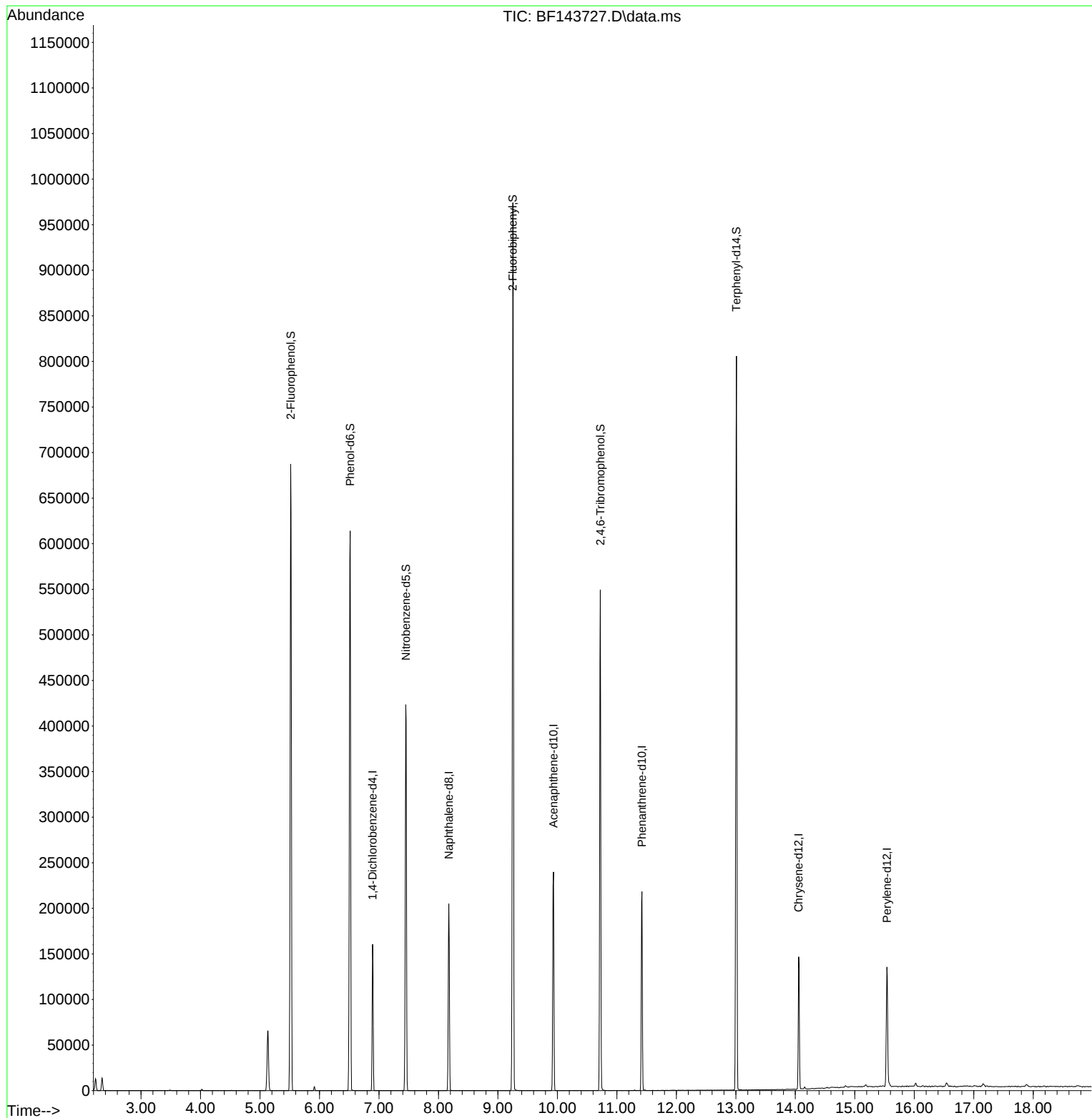
Target Compounds	Qvalue

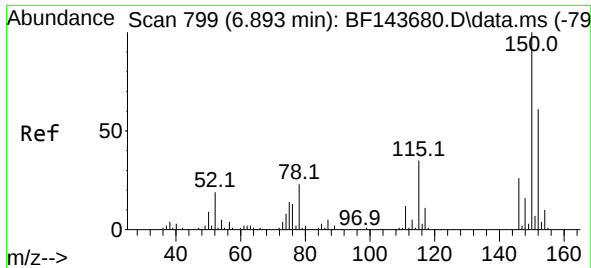
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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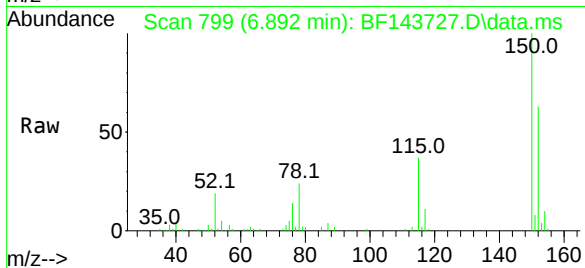
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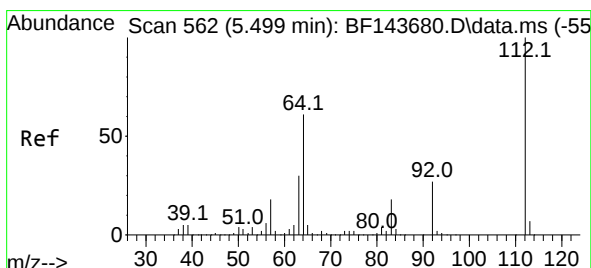
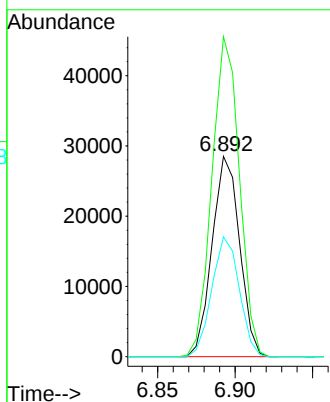
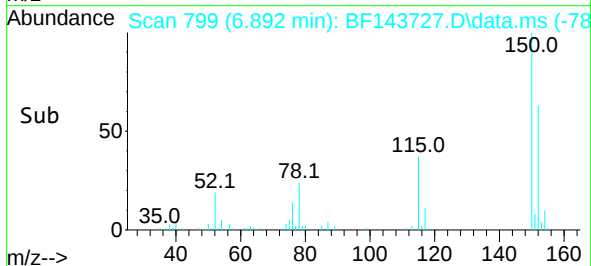


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

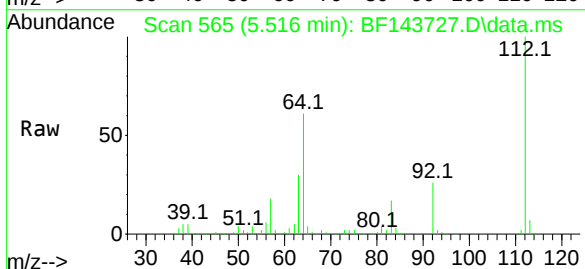
Instrument :
BNA_F
ClientSampleId :
PB169589TB



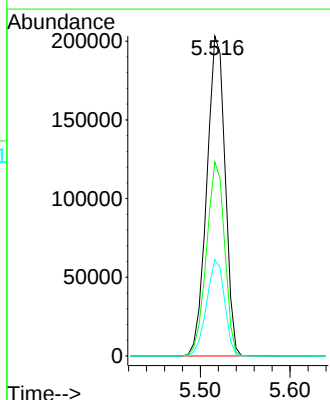
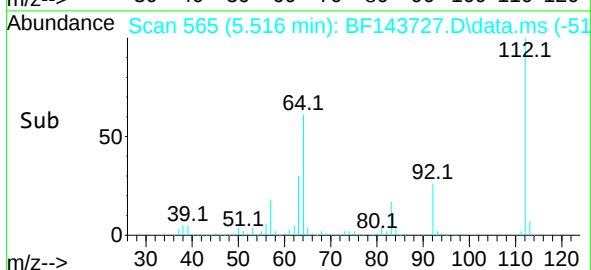
Tgt Ion:152 Resp: 35136
Ion Ratio Lower Upper
152 100
150 159.7 130.7 196.1
115 59.8 45.9 68.9

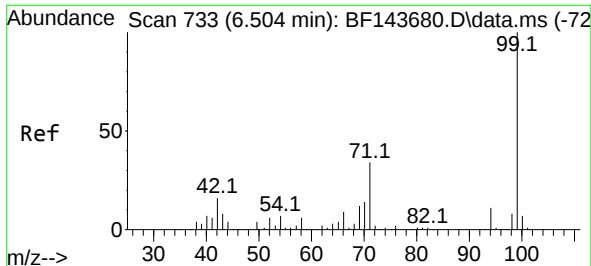


#5
2-Fluorophenol
Concen: 139.651 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11



Tgt Ion:112 Resp: 287595
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 30.2 24.3 36.5

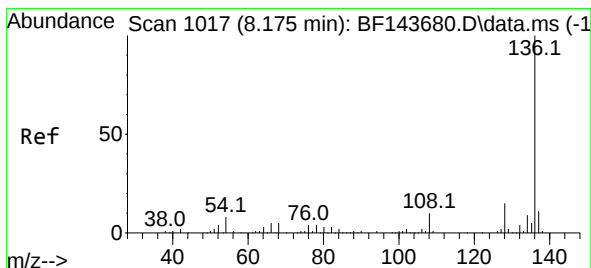
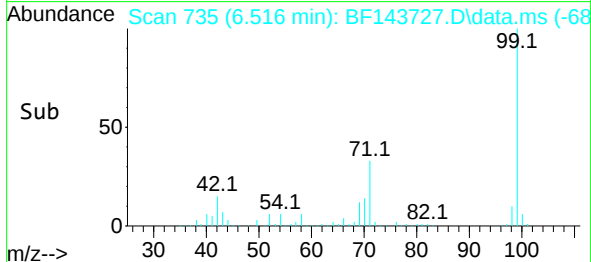
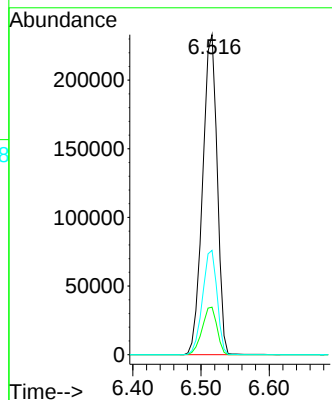
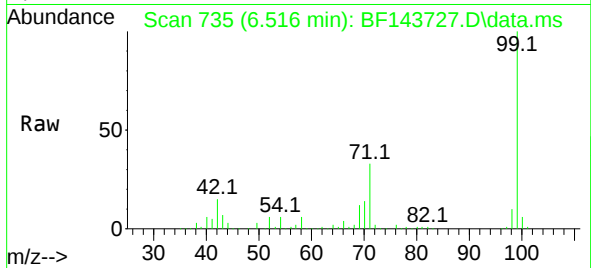




#7
Phenol-d6
Concen: 137.948 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

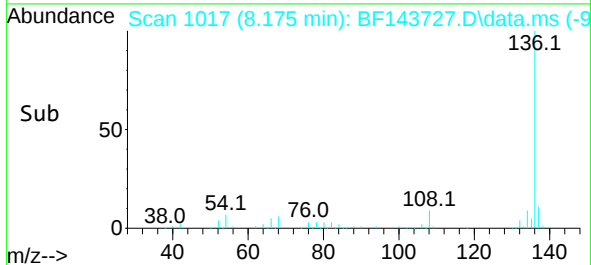
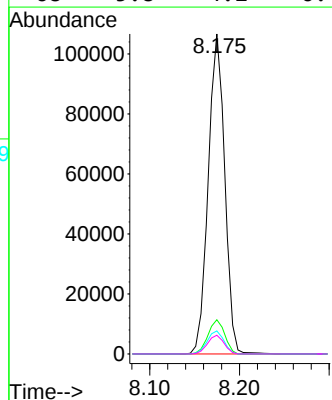
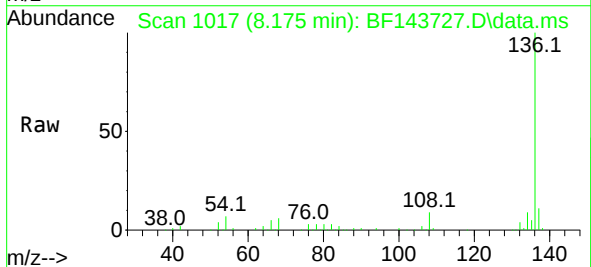
Instrument :
BNA_F
ClientSampleId :
PB169589TB

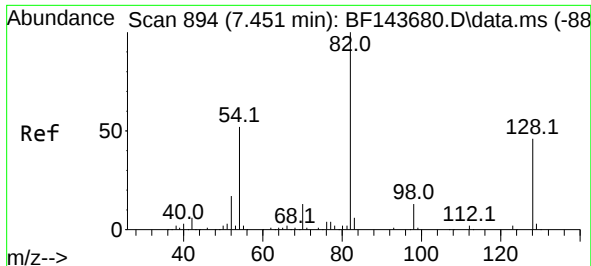
Tgt Ion: 99 Resp: 345905
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion: 136 Resp: 136153
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.764 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Instrument :

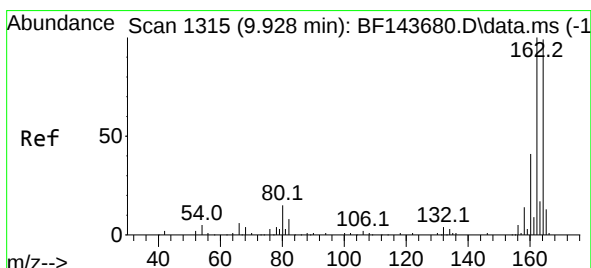
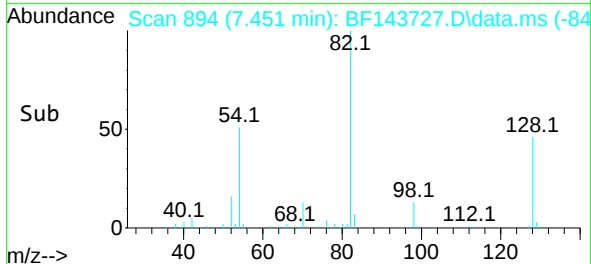
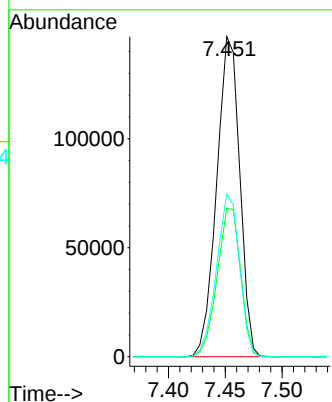
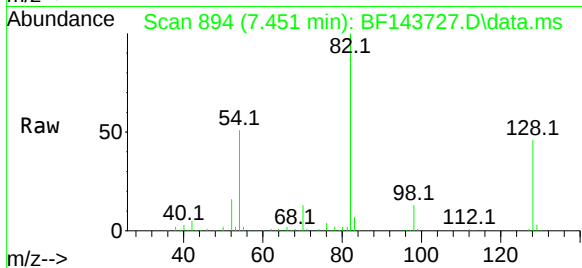
BNA_F

ClientSampleId :

PB169589TB

Tgt Ion: 82 Resp: 207432

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	50.8	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

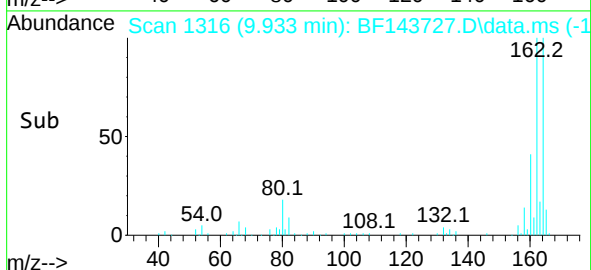
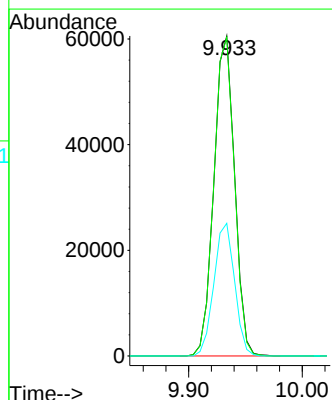
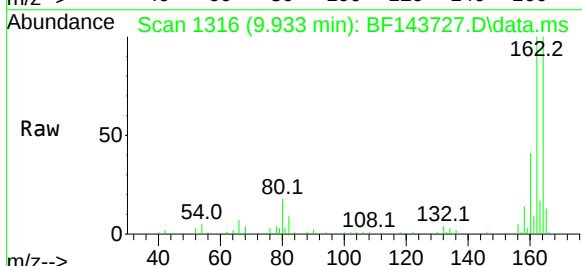
Delta R.T. 0.006 min

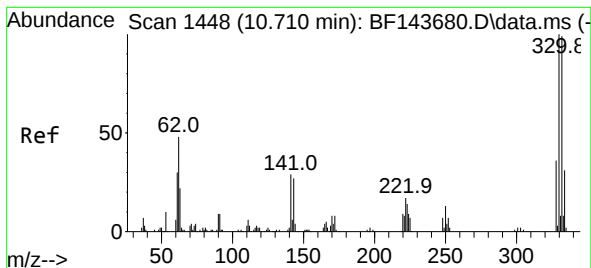
Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Tgt Ion: 164 Resp: 76475

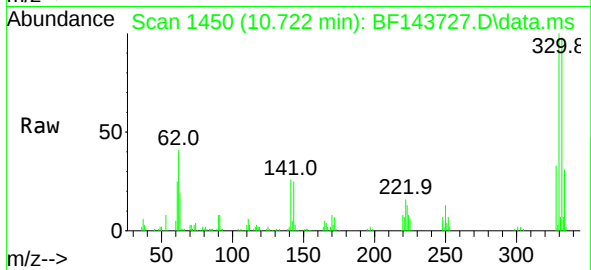
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	121.0
160	41.5	33.0	49.4



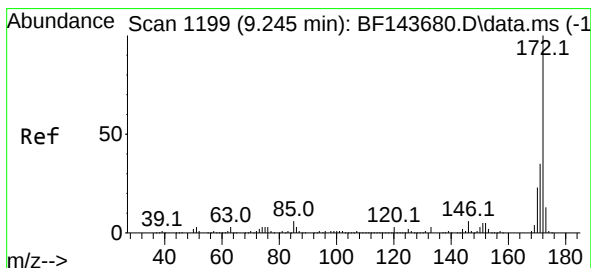
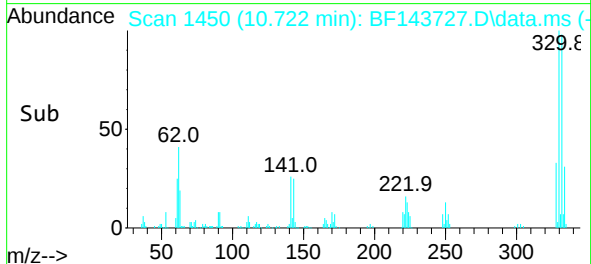
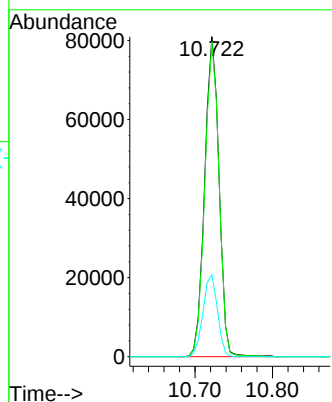


#42
2,4,6-Tribromophenol
Concen: 134.900 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Instrument :
BNA_F
ClientSampleId :
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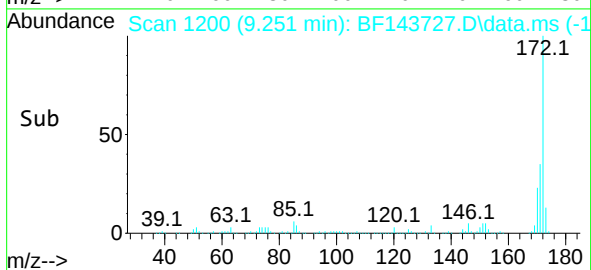
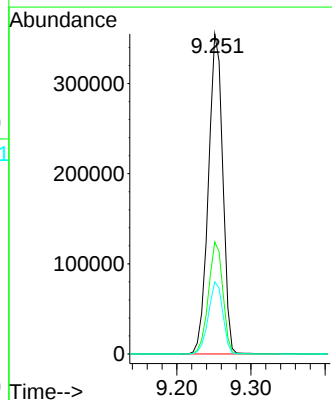
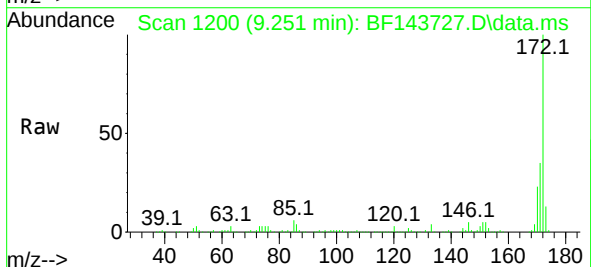


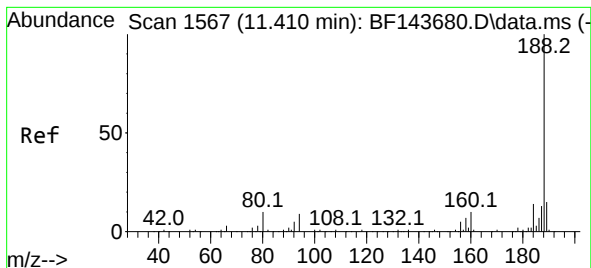
Tgt Ion:330 Resp: 103967
Ion Ratio Lower Upper
330 100
332 97.6 79.2 118.8
141 25.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 94.520 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion:172 Resp: 478509
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB169589TB

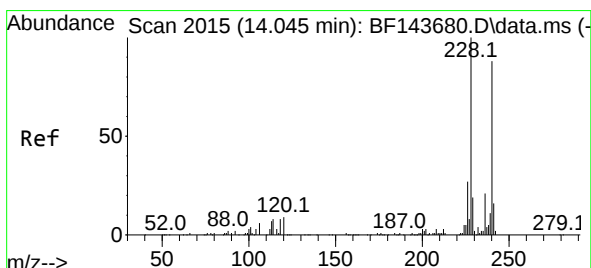
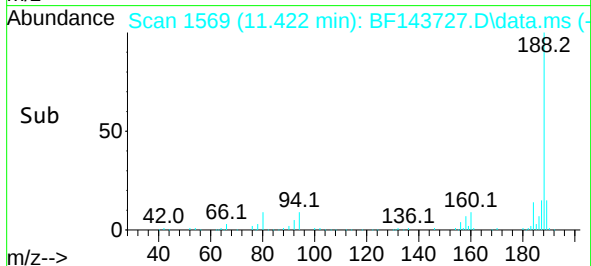
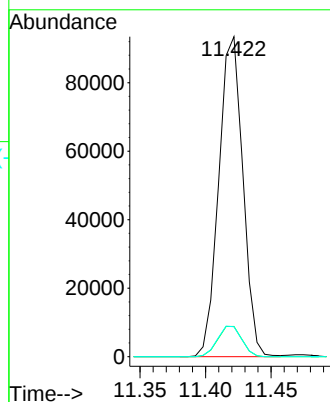
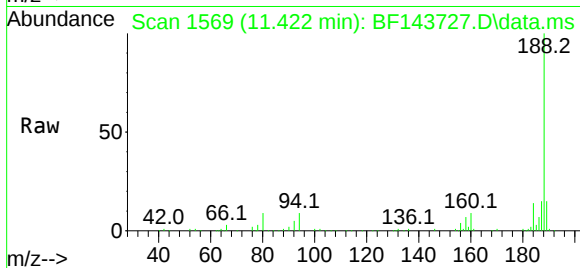
Tgt Ion:188 Resp: 119403

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 9.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

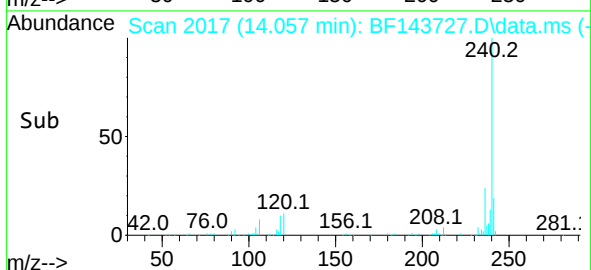
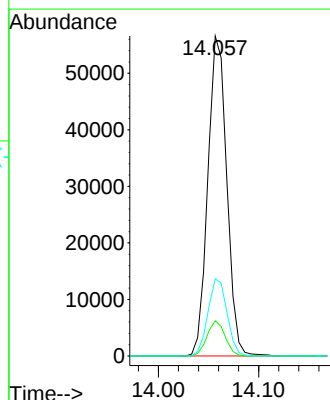
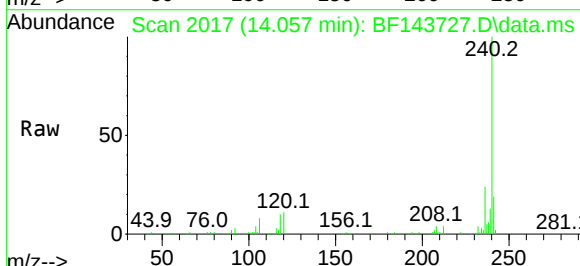
Tgt Ion:240 Resp: 74214

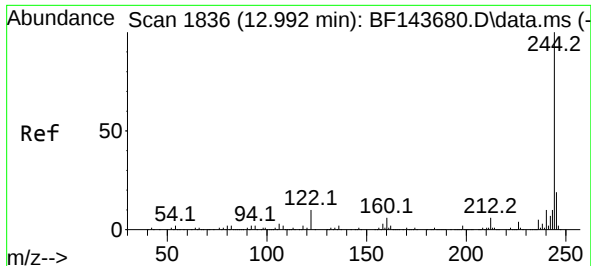
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

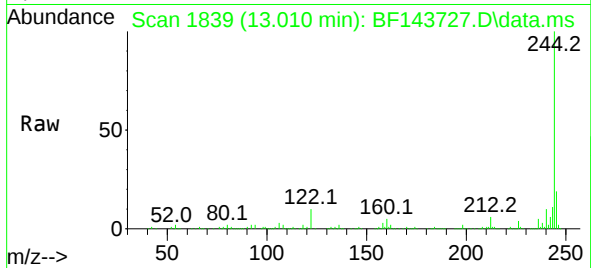
236 24.1 18.6 28.0



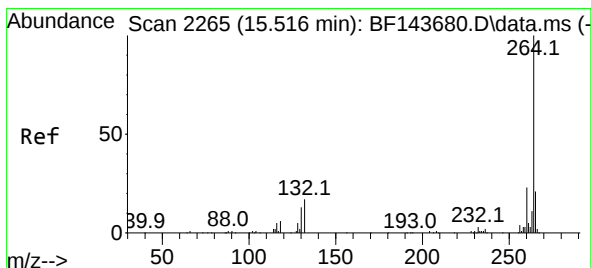
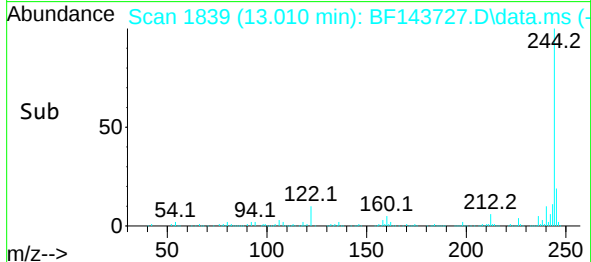
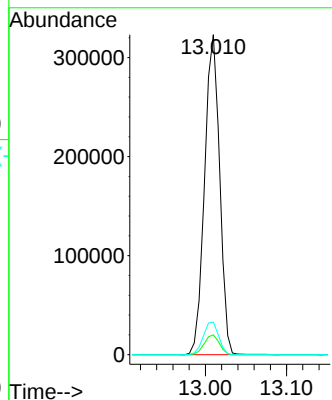


#79
Terphenyl-d14
Concen: 90.662 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.018 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB169589TB



Tgt Ion:244 Resp: 415201
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 10.2 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion:264 Resp: 80815
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.1 25.7

