

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144335.D
 Acq On : 24 Nov 2025 20:45
 Operator : RC/JU
 Sample : Q3711-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Quant Time: Nov 25 00:29:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52075	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	203990	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	111908	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	188982	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	122634	20.000	ng	-0.01
86) Perylene-d12	15.516	264	162610	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	431988	129.814	ng	0.00
7) Phenol-d6	6.498	99	464174	123.104	ng	0.00
23) Nitrobenzene-d5	7.422	82	330925	93.694	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	183002	130.314	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	699648	92.338	ng	-0.01
79) Terphenyl-d14	12.975	244	650010	84.192	ng	-0.02

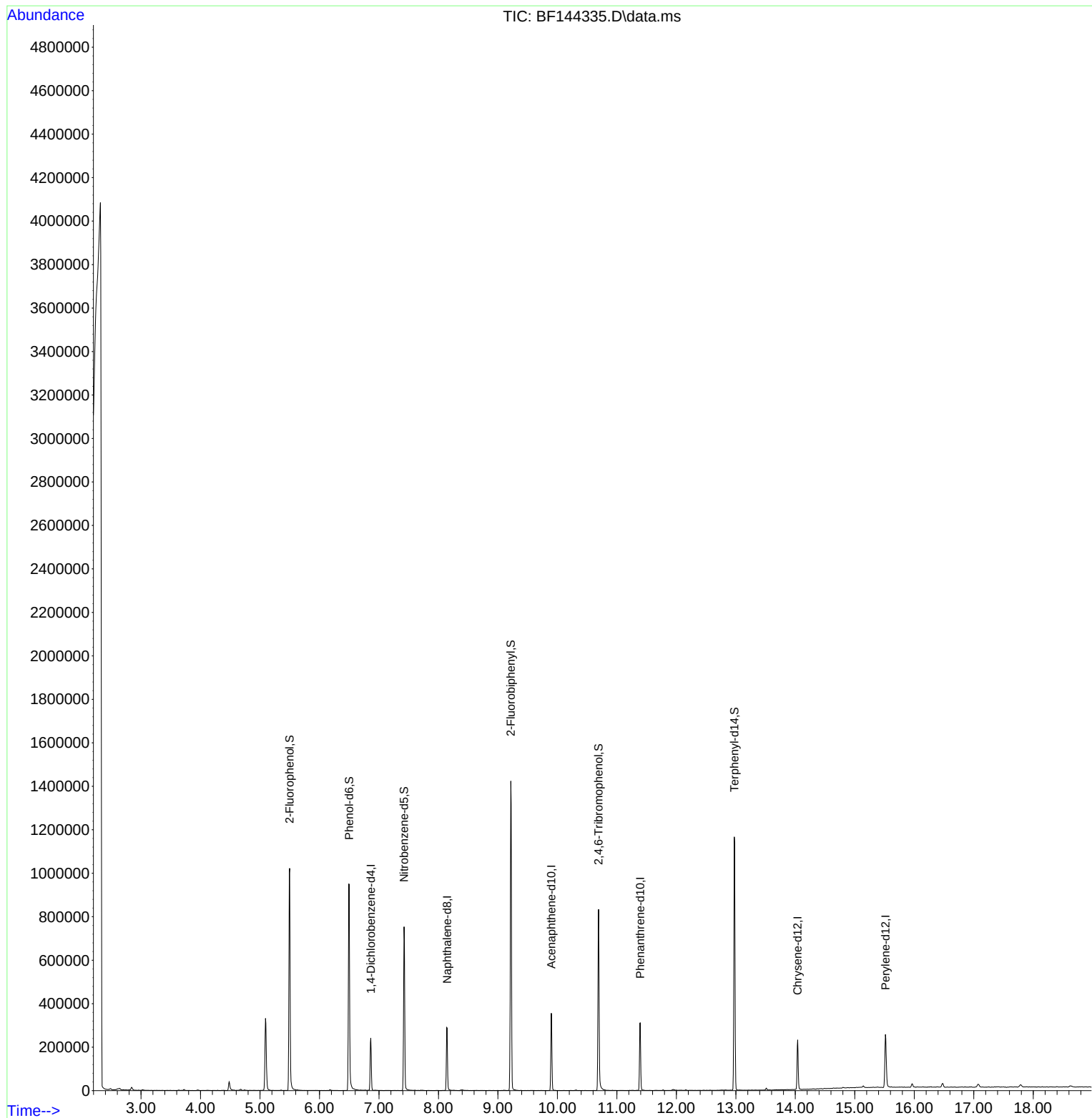
Target Compounds	Qvalue

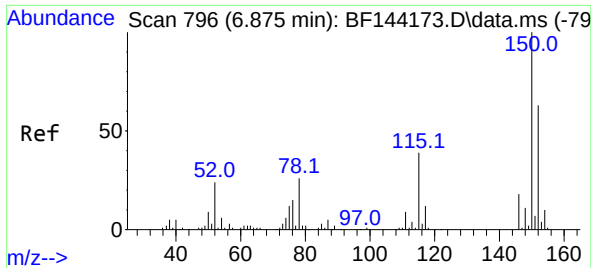
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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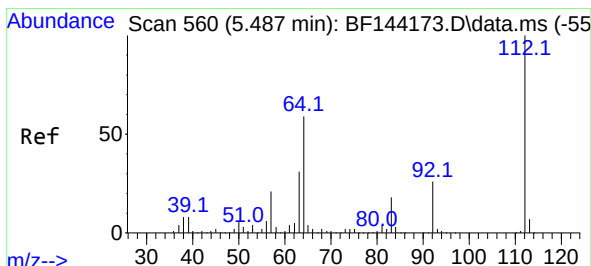
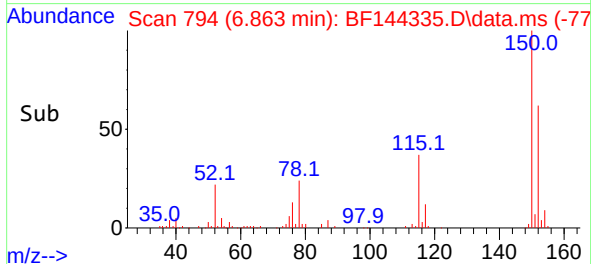
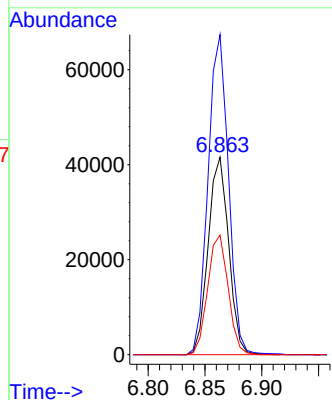
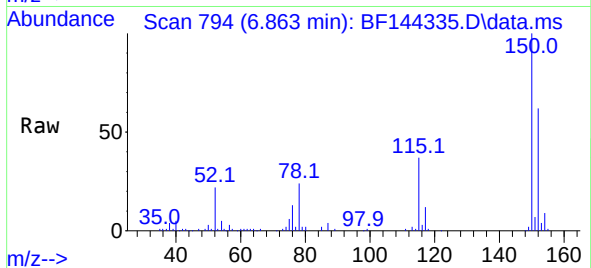




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

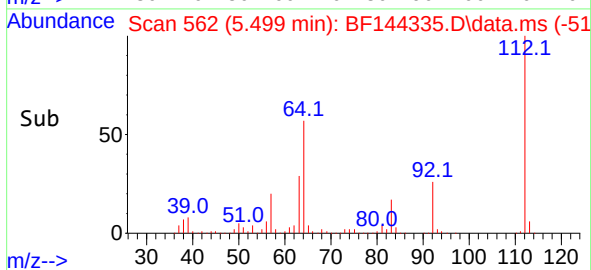
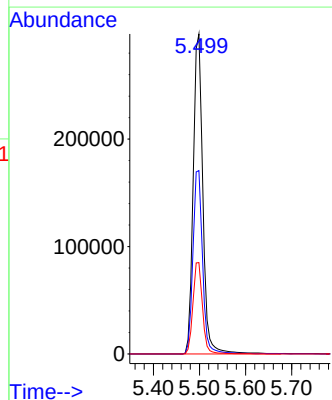
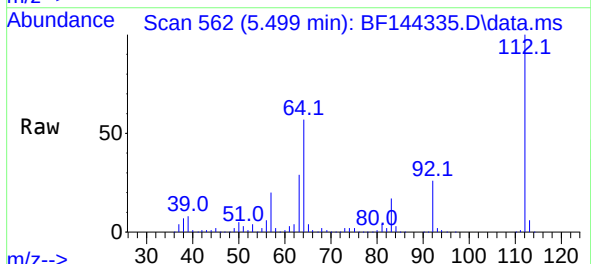
Instrument :
BNA_F
ClientSampleId :
72-12017

Tgt Ion:152 Resp: 52075
Ion Ratio Lower Upper
152 100
150 162.0 127.4 191.0
115 60.6 49.5 74.3

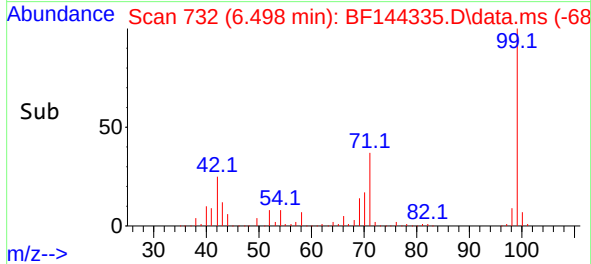
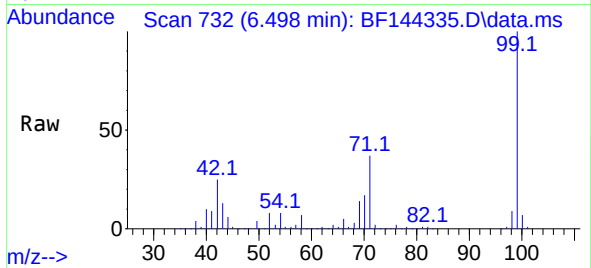
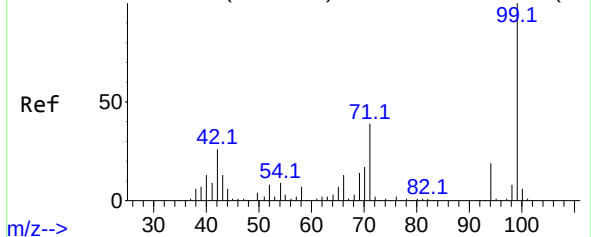


#5
2-Fluorophenol
Concen: 129.814 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

Tgt Ion:112 Resp: 431988
Ion Ratio Lower Upper
112 100
64 57.3 47.2 70.8
63 28.6 24.4 36.6



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 123.104 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144335.D

Acq: 24 Nov 2025 20:45

Instrument :

BNA_F

ClientSampleId :

72-12017

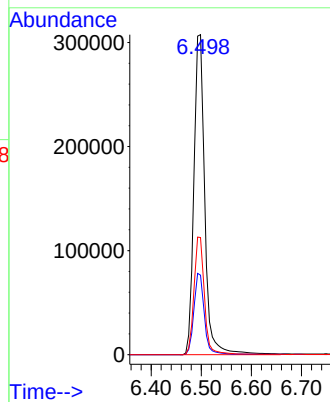
Tgt Ion: 99 Resp: 464174

Ion Ratio Lower Upper

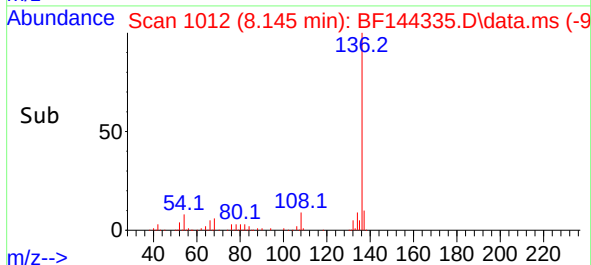
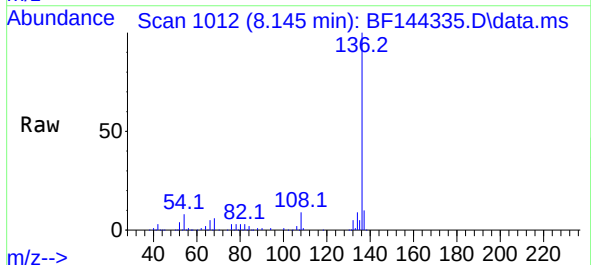
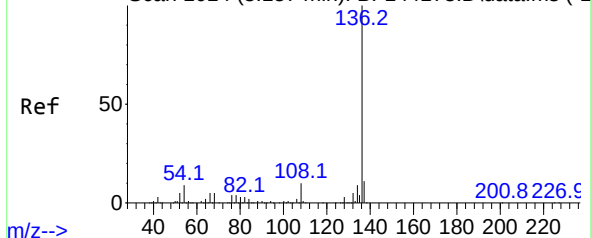
99 100

42 24.9 20.9 31.3

71 36.6 31.4 47.2



Abundance Scan 1014 (8.157 min): BF144173.D\data.ms (-1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BF144335.D

Acq: 24 Nov 2025 20:45

Tgt Ion:136 Resp: 203990

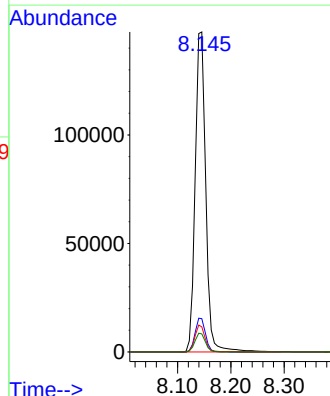
Ion Ratio Lower Upper

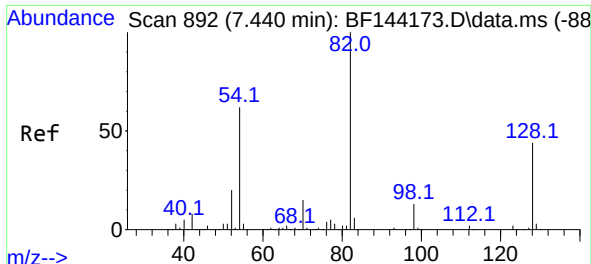
136 100

137 10.4 8.6 13.0

54 7.8 7.0 10.6

68 5.7 4.3 6.5

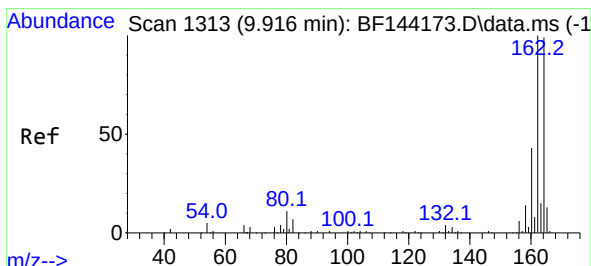
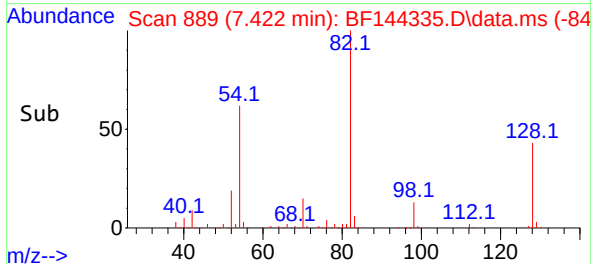
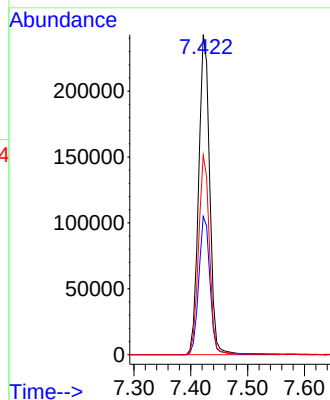
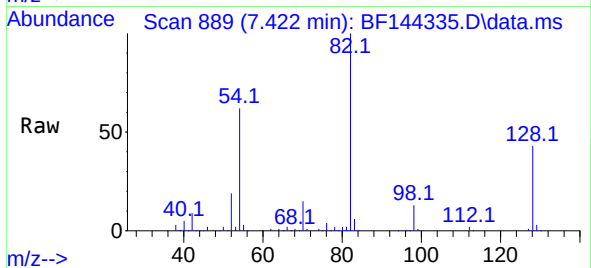




#23
Nitrobenzene-d5
Concen: 93.694 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

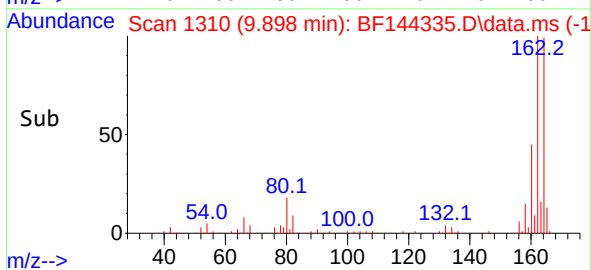
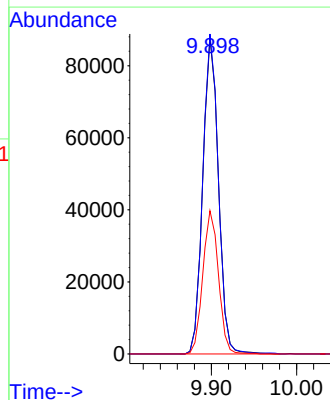
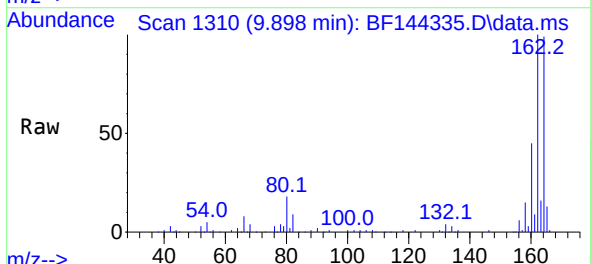
Instrument :
BNA_F
ClientSampleId :
72-12017

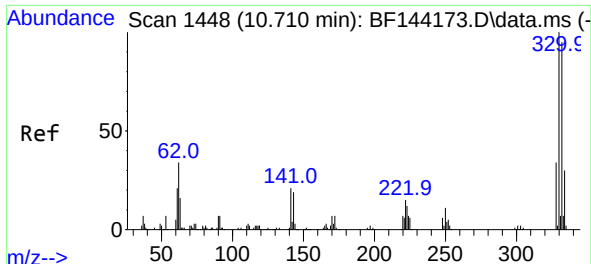
Tgt Ion: 82 Resp: 330925
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 62.3 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

Tgt Ion:164 Resp: 111908
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 45.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 130.314 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144335.D

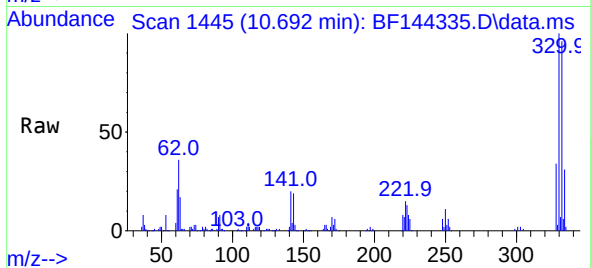
Acq: 24 Nov 2025 20:45

Instrument :

BNA_F

ClientSampleId :

72-12017



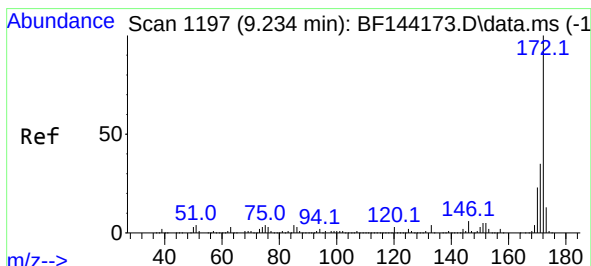
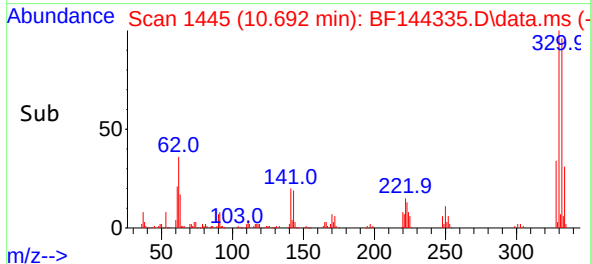
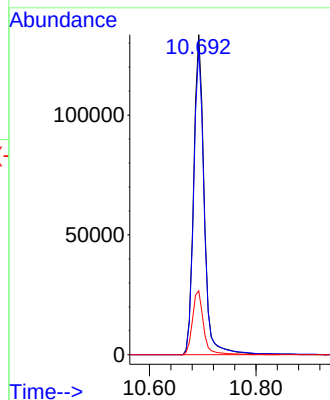
Tgt Ion:330 Resp: 183002

Ion Ratio Lower Upper

330 100

332 95.6 76.7 115.1

141 21.0 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 92.338 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144335.D

Acq: 24 Nov 2025 20:45

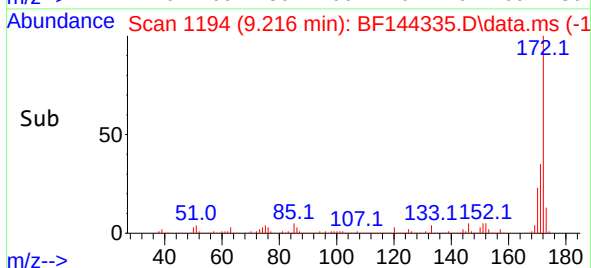
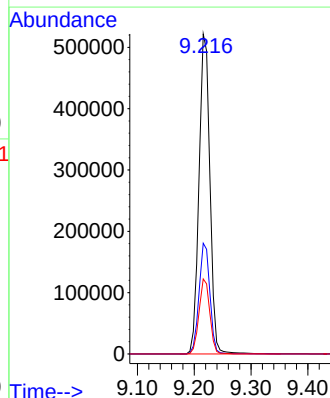
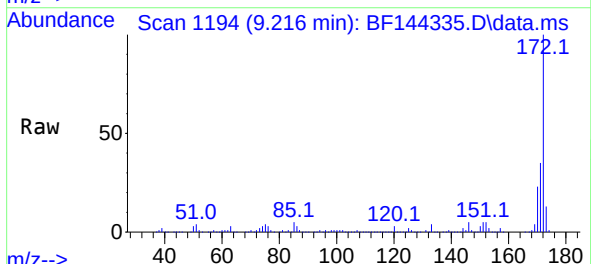
Tgt Ion:172 Resp: 699648

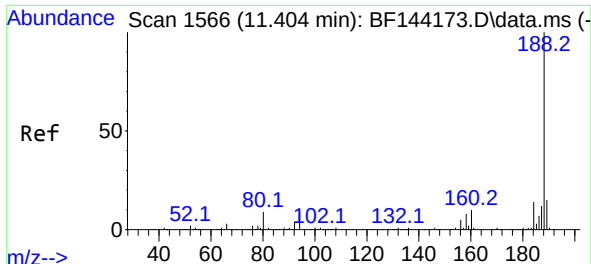
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.4 18.6 28.0

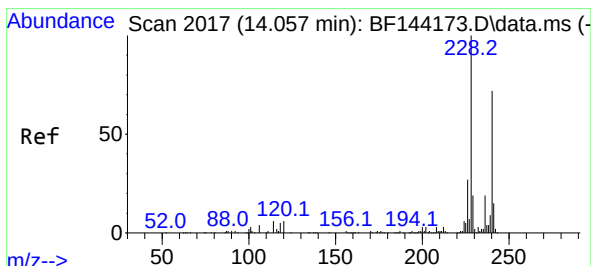
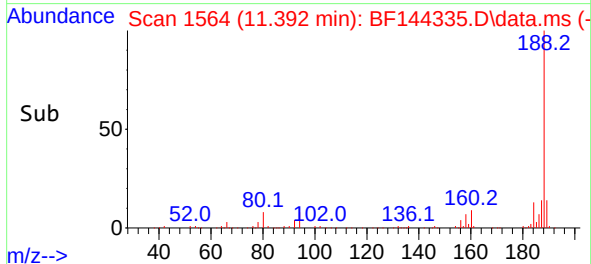
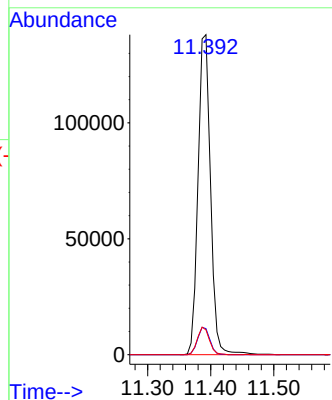
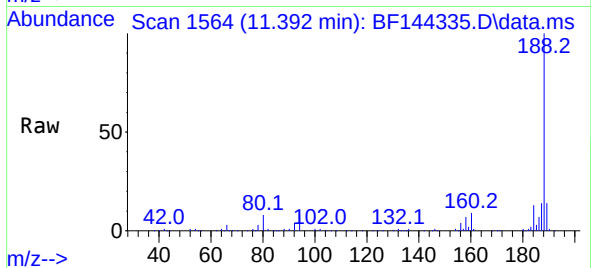




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

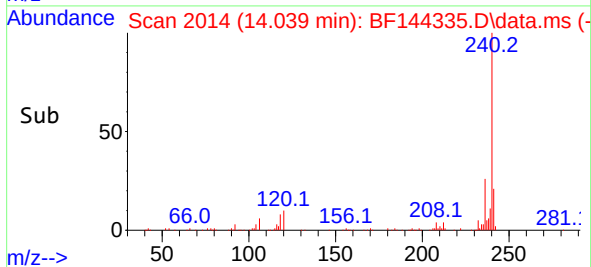
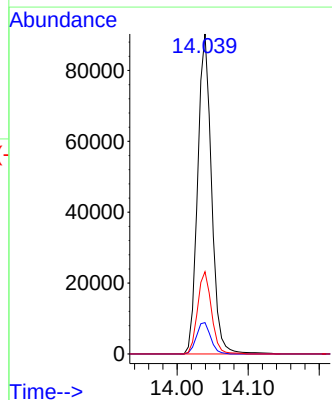
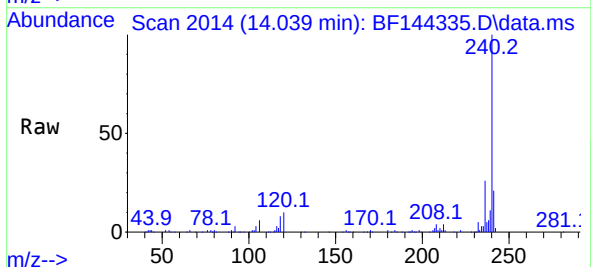
Instrument :
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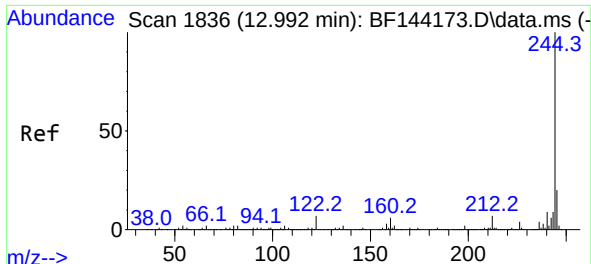
Tgt Ion:188 Resp: 188982
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144335.D
Acq: 24 Nov 2025 20:45

Tgt Ion:240 Resp: 122634
Ion Ratio Lower Upper
240 100
120 9.8 6.6 10.0
236 25.7 21.4 32.2

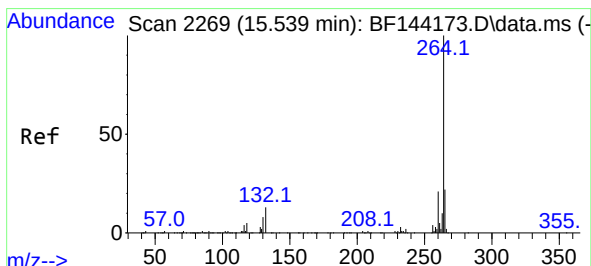
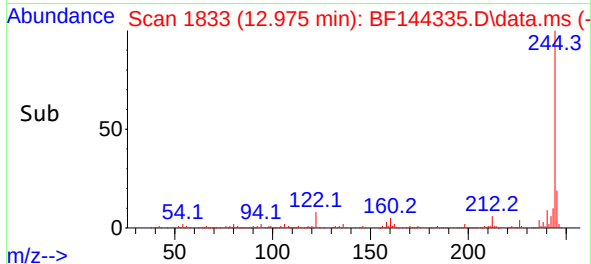
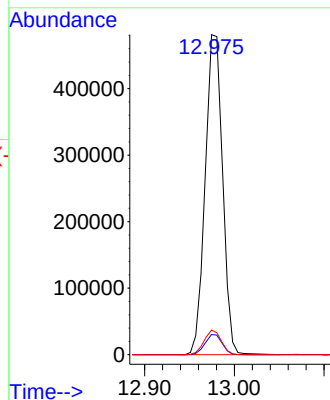
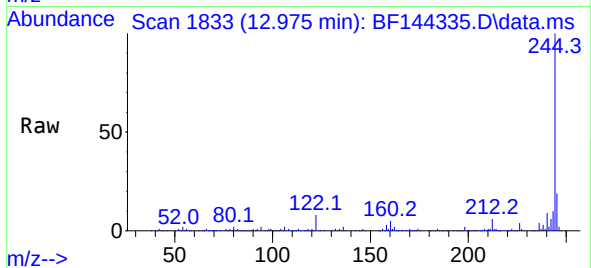




#79
 Terphenyl-d14
 Concen: 84.192 ng
 RT: 12.975 min Scan# 1833
 Delta R.T. -0.018 min
 Lab File: BF144335.D
 Acq: 24 Nov 2025 20:45

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Tgt Ion:244 Resp: 650010
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF144335.D
 Acq: 24 Nov 2025 20:45

Tgt Ion:264 Resp: 162610
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.1 25.7
 265 20.5 17.4 26.0

