

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144283.D
 Acq On : 19 Nov 2025 17:49
 Operator : RC/JU
 Sample : PB170600TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170600TB

Quant Time: Nov 20 00:00:42 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	50217	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	184986	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	93345	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	136307	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	137075	20.000	ng	0.00
86) Perylene-d12	15.521	264	166787	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	395513	123.251	ng	0.00
7) Phenol-d6	6.498	99	434798	119.579	ng	0.00
23) Nitrobenzene-d5	7.428	82	277026	86.491	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	117436	100.255	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	566167	89.581	ng	0.00
79) Terphenyl-d14	12.980	244	536576	62.178	ng	-0.01

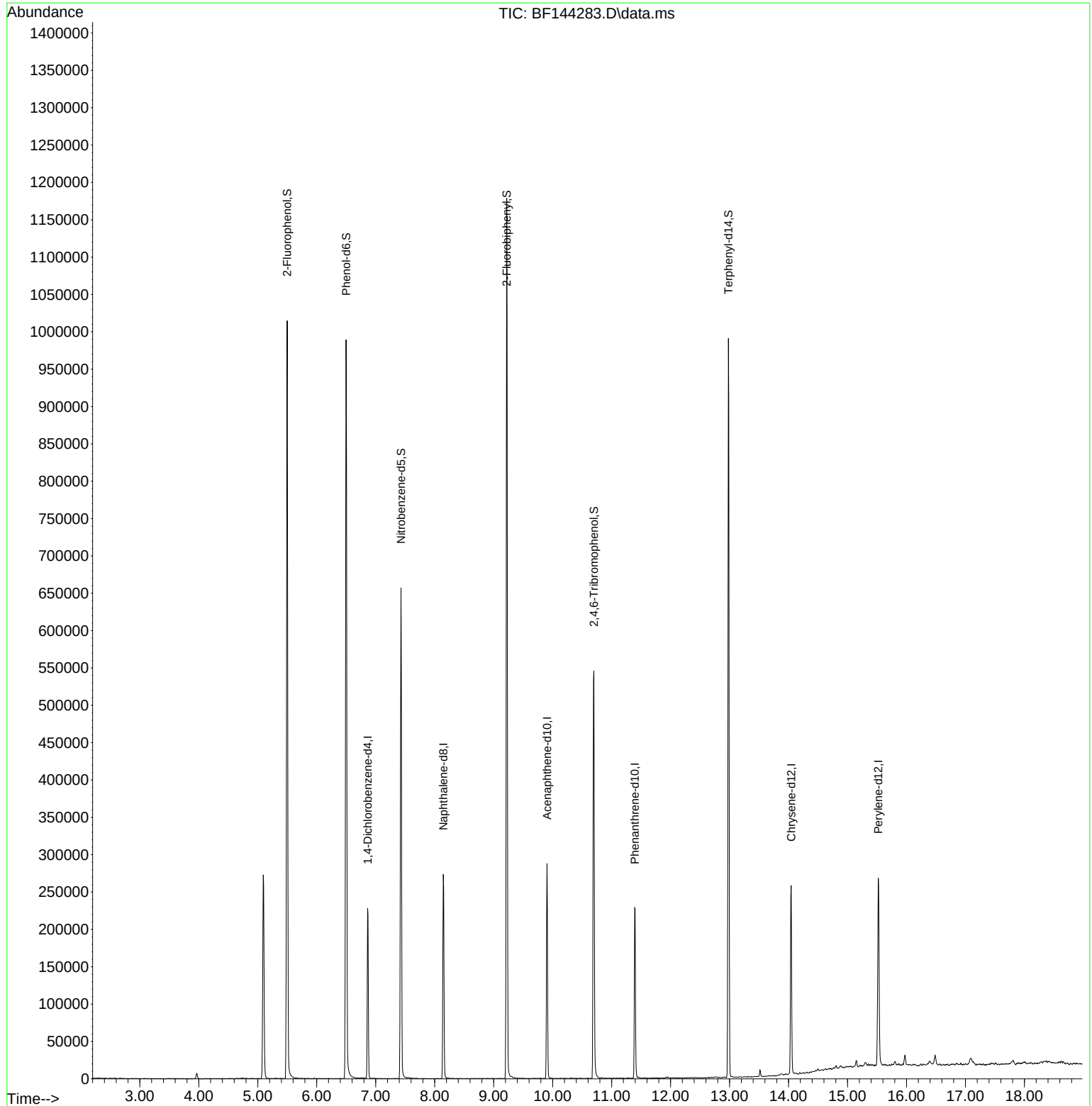
Target Compounds	Qvalue

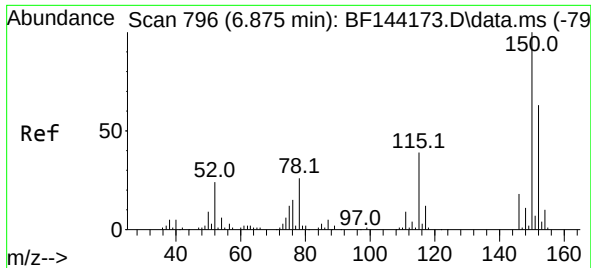
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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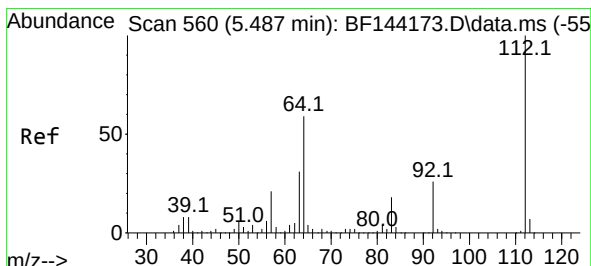
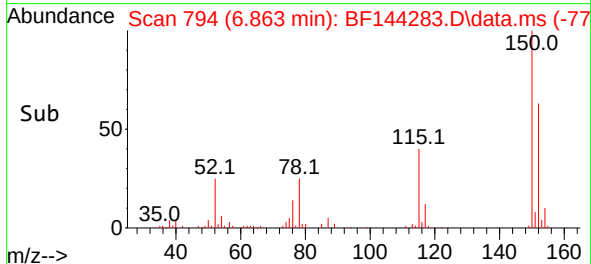
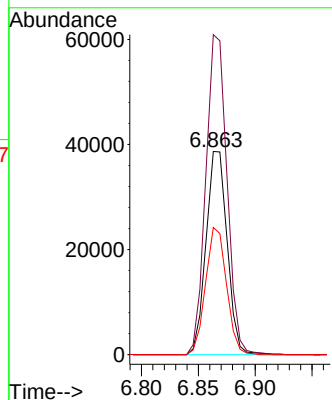
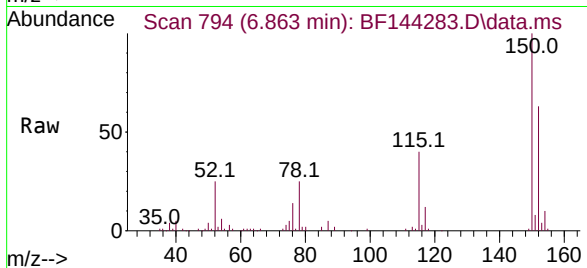




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

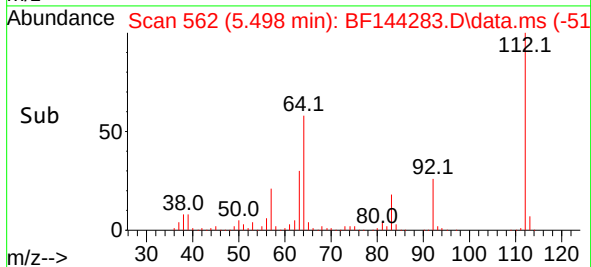
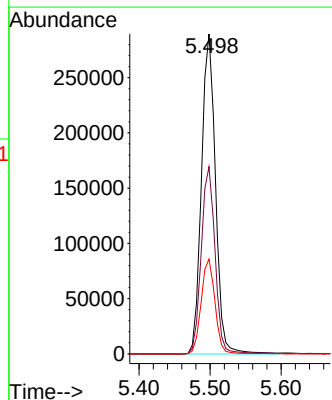
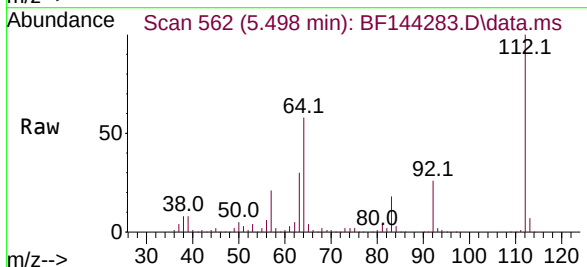
Instrument :
BNA_F
ClientSampleId :
PB170600TB

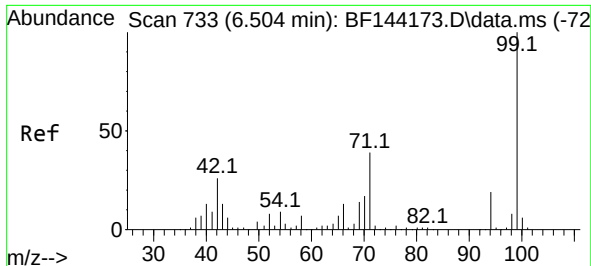
Tgt Ion:152 Resp: 50217
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.6 49.5 74.3



#5
2-Fluorophenol
Concen: 123.251 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

Tgt Ion:112 Resp: 395513
Ion Ratio Lower Upper
112 100
64 58.5 47.2 70.8
63 29.6 24.4 36.6

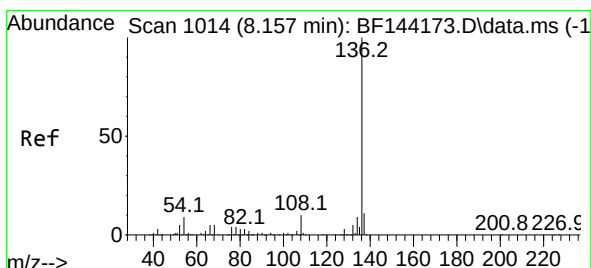
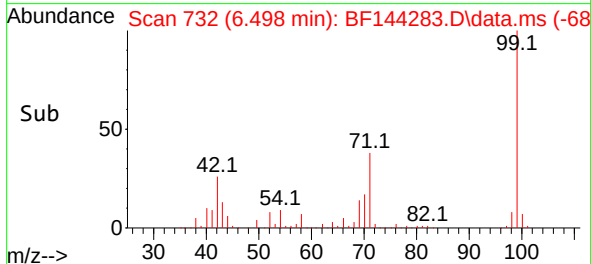
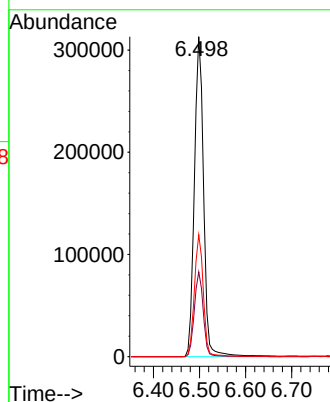
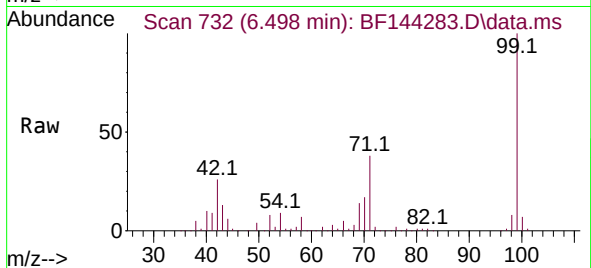




#7
Phenol-d6
Concen: 119.579 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

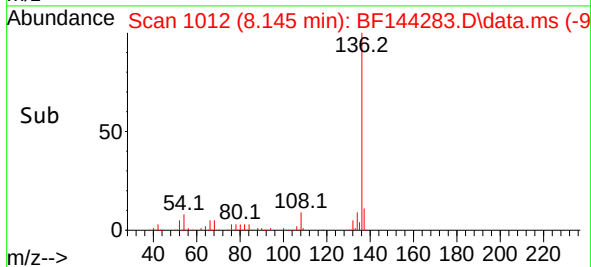
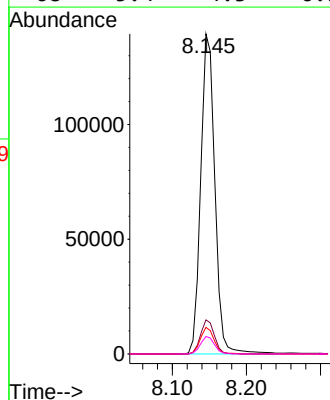
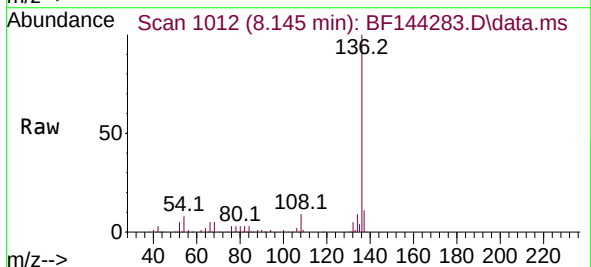
Instrument :
BNA_F
ClientSampleId :
PB170600TB

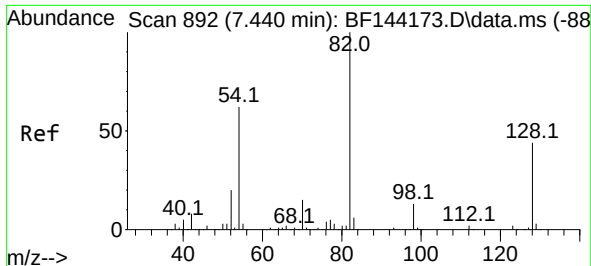
Tgt Ion: 99 Resp: 434798
Ion Ratio Lower Upper
99 100
42 26.5 20.9 31.3
71 38.1 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

Tgt Ion: 136 Resp: 184986
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.491 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144283.D

Acq: 19 Nov 2025 17:49

Instrument :

BNA_F

ClientSampleId :

PB170600TB

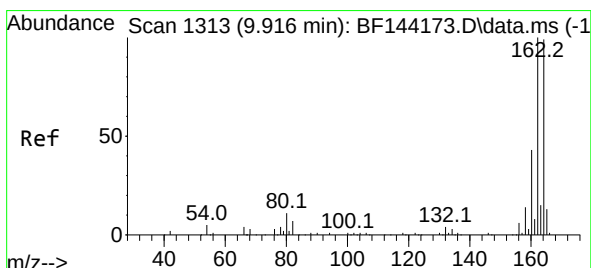
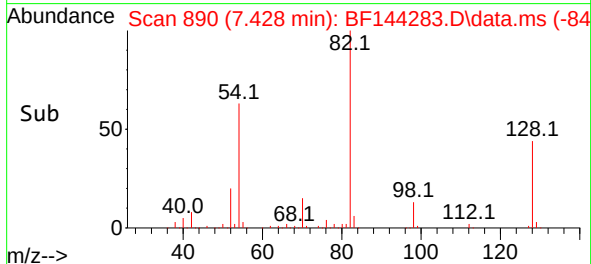
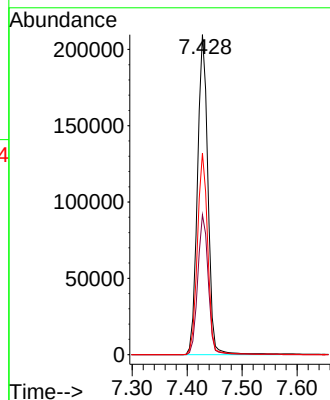
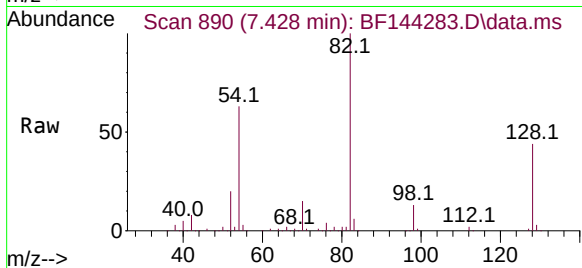
Tgt Ion: 82 Resp: 277026

Ion Ratio Lower Upper

82 100

128 43.7 34.7 52.1

54 63.0 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144283.D

Acq: 19 Nov 2025 17:49

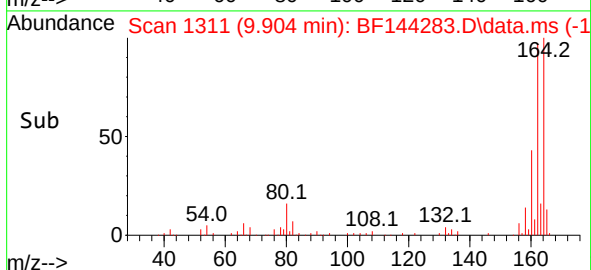
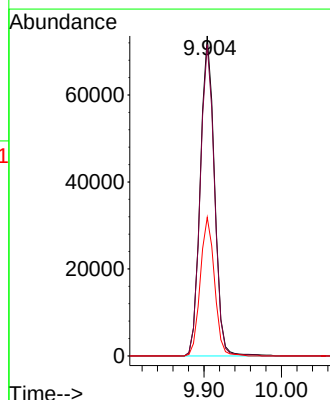
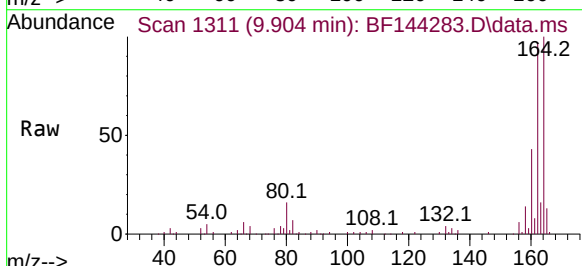
Tgt Ion: 164 Resp: 93345

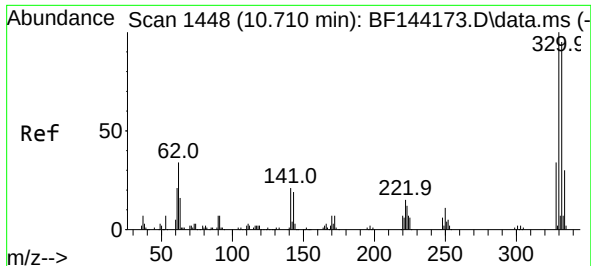
Ion Ratio Lower Upper

164 100

162 97.2 81.1 121.7

160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 100.255 ng

RT: 10.698 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF144283.D

Acq: 19 Nov 2025 17:49

Instrument :

BNA_F

ClientSampleId :

PB170600TB

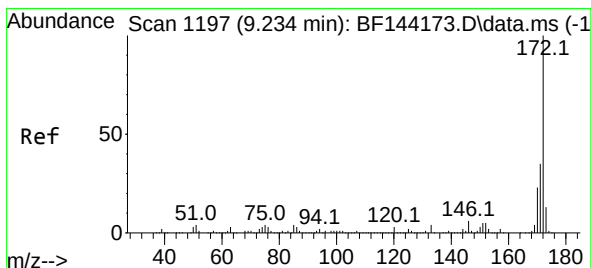
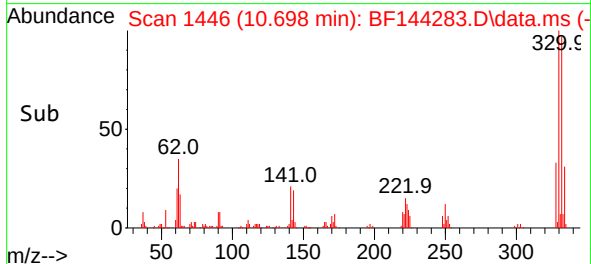
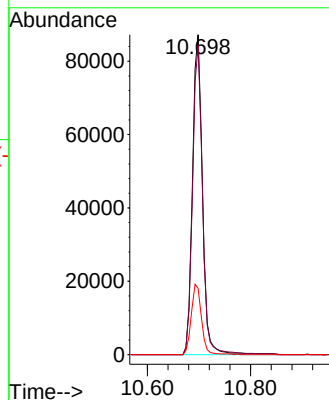
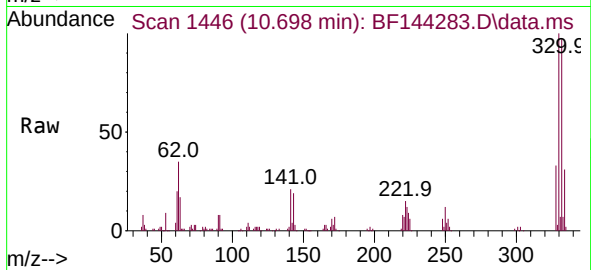
Tgt Ion:330 Resp: 117436

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

141 22.4 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 89.581 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144283.D

Acq: 19 Nov 2025 17:49

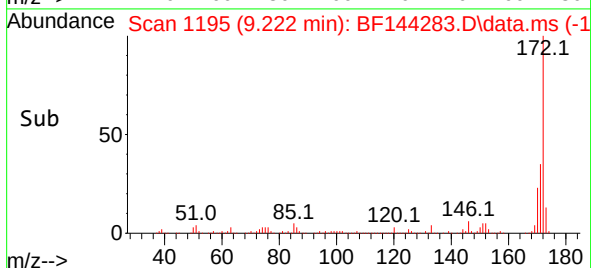
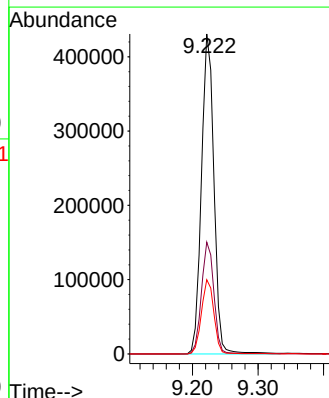
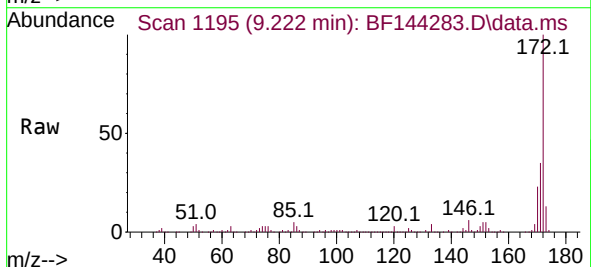
Tgt Ion:172 Resp: 566167

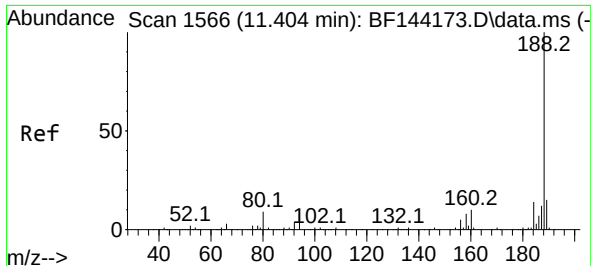
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 18.6 28.0

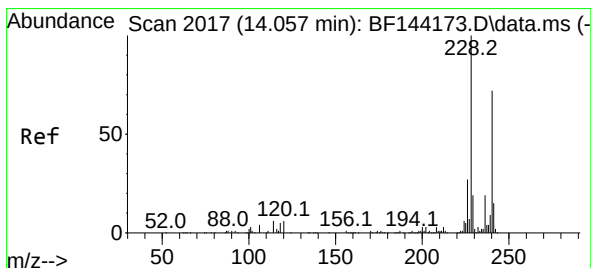
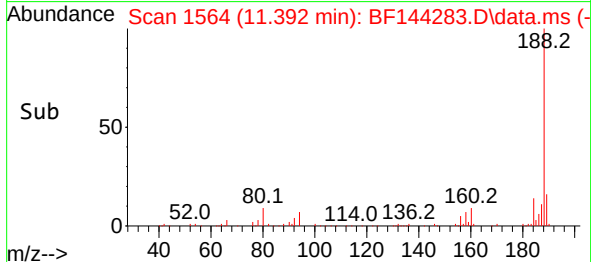
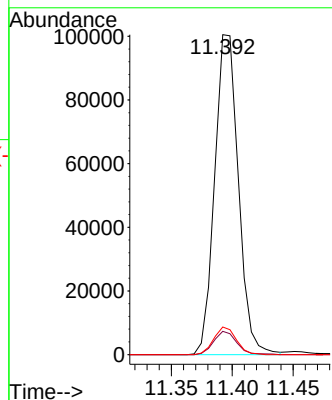
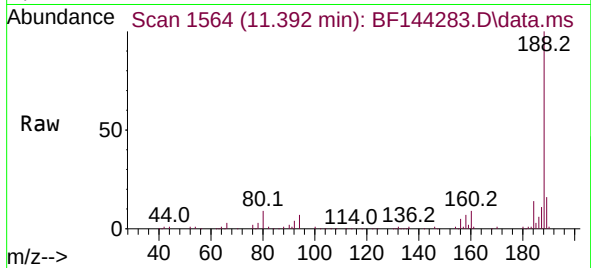




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

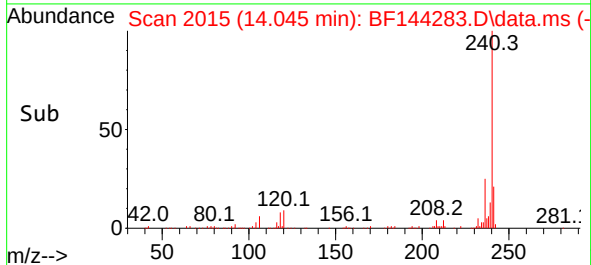
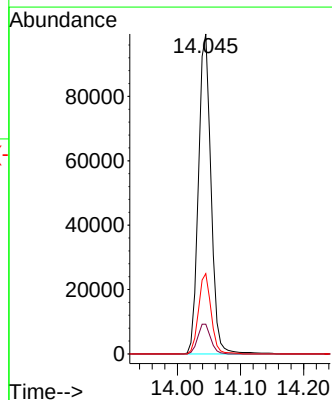
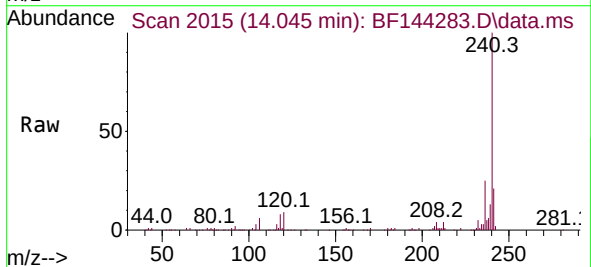
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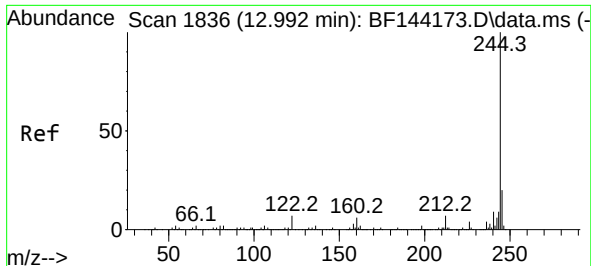
Tgt Ion:188 Resp: 136307
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144283.D
Acq: 19 Nov 2025 17:49

Tgt Ion:240 Resp: 137075
Ion Ratio Lower Upper
240 100
120 9.3 6.6 10.0
236 25.1 21.4 32.2

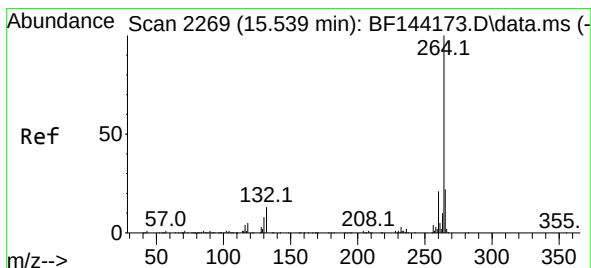
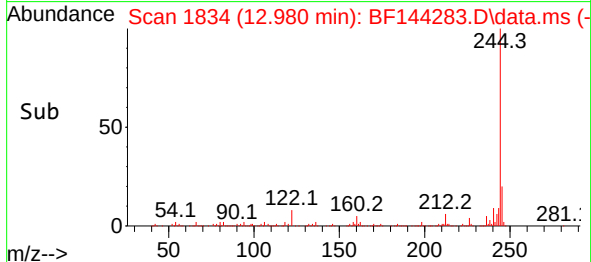
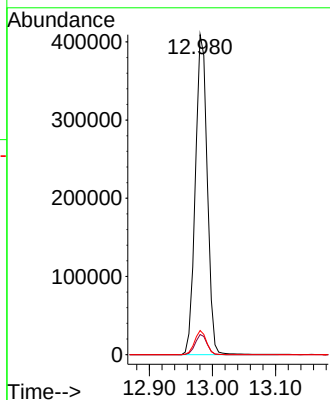
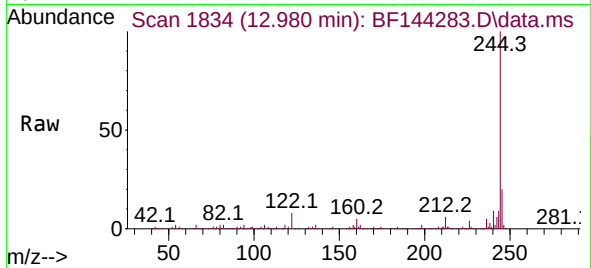




#79
 Terphenyl-d14
 Concen: 62.178 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144283.D
 Acq: 19 Nov 2025 17:49

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 536576
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144283.D
 Acq: 19 Nov 2025 17:49

Tgt Ion:264 Resp: 166787
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.1 25.7
 265 21.7 17.4 26.0

