

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144293.D
 Acq On : 20 Nov 2025 14:24
 Operator : RC/JU
 Sample : PB170652BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170652BL

Quant Time: Nov 20 14:44:01 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	59366	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	231384	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	138365	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	235758	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	143252	20.000	ng	-0.01
86) Perylene-d12	15.515	264	166902	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	446645	117.735	ng	0.00
7) Phenol-d6	6.492	99	511149	118.913	ng	0.00
23) Nitrobenzene-d5	7.422	82	323200	80.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	207167	119.314	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	735961	78.558	ng	0.00
79) Terphenyl-d14	12.980	244	751005	83.273	ng	-0.01

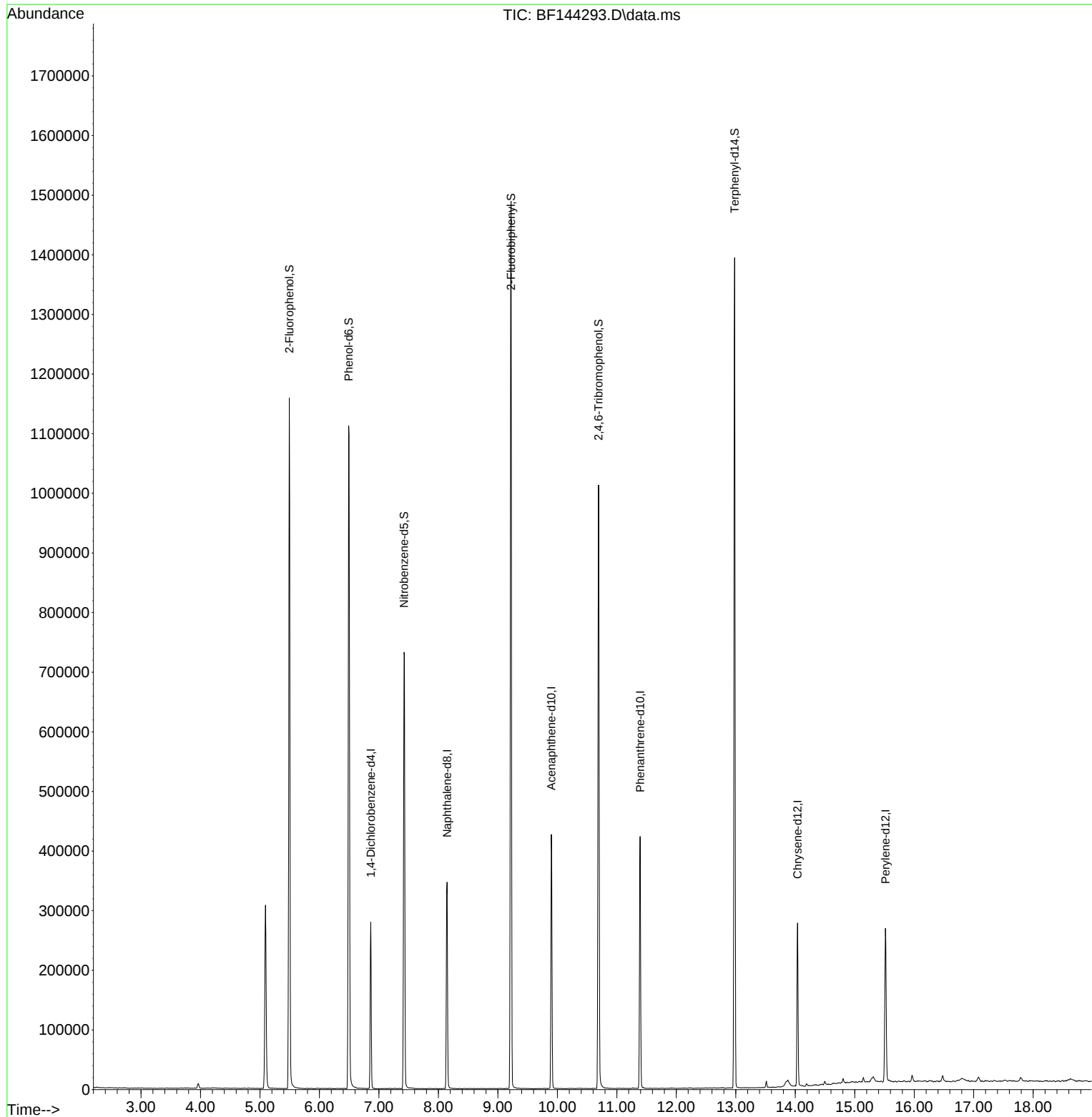
Target Compounds	Qvalue

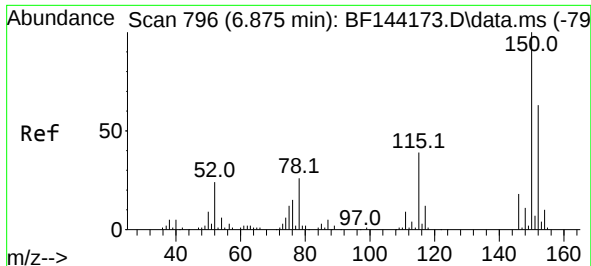
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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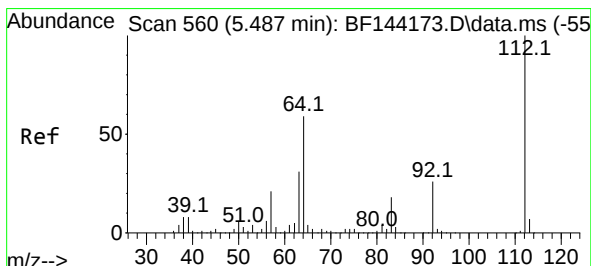
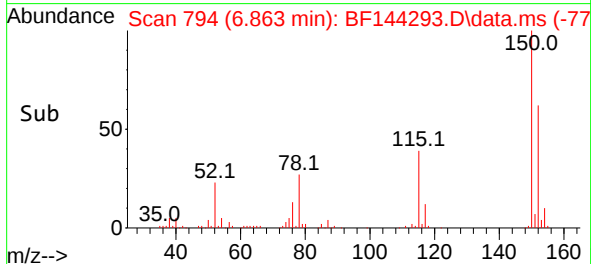
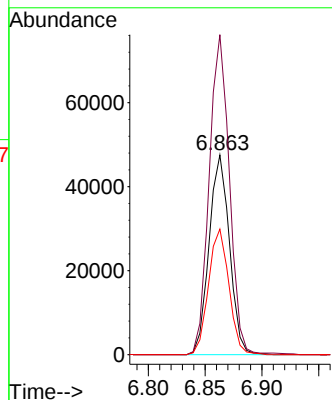
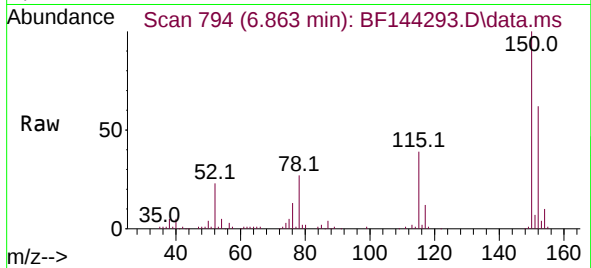




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

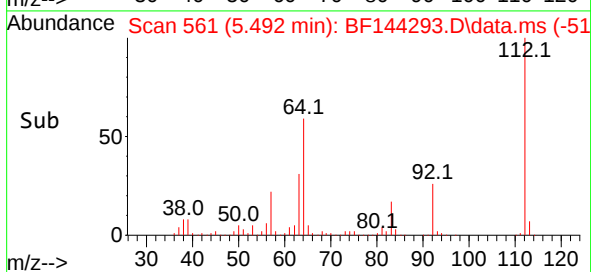
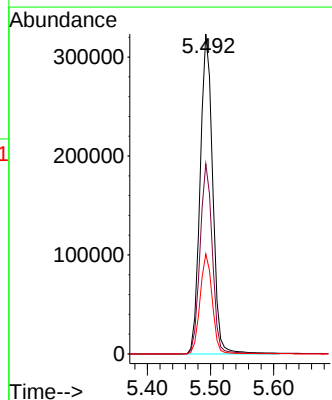
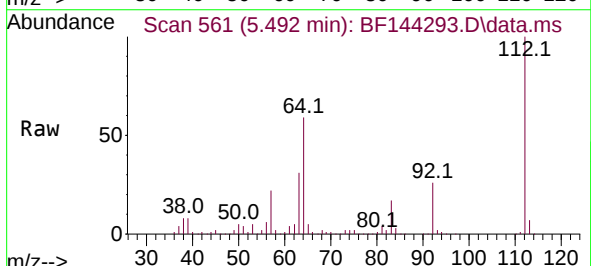
Instrument :
BNA_F
ClientSampleId :
PB170652BL

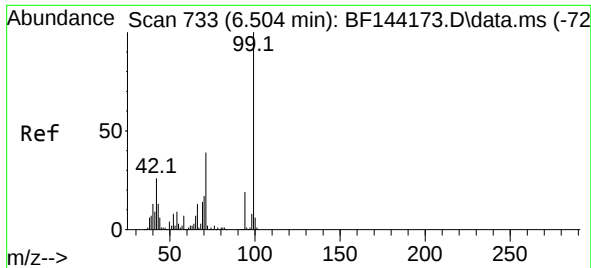
Tgt Ion:152 Resp: 59366
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 62.9 49.5 74.3



#5
2-Fluorophenol
Concen: 117.735 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

Tgt Ion:112 Resp: 446645
Ion Ratio Lower Upper
112 100
64 59.4 47.2 70.8
63 31.2 24.4 36.6





#7

Phenol-d6

Concen: 118.913 ng

RT: 6.492 min Scan# 731

Delta R.T. -0.006 min

Lab File: BF144293.D

Acq: 20 Nov 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB170652BL

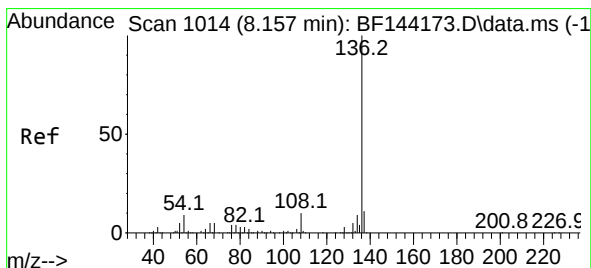
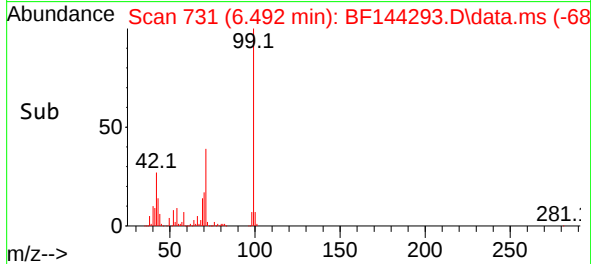
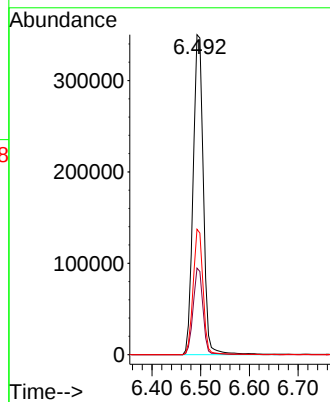
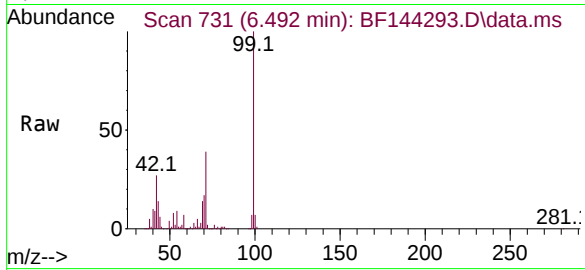
Tgt Ion: 99 Resp: 511149

Ion Ratio Lower Upper

99 100

42 27.0 20.9 31.3

71 39.2 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: BF144293.D

Acq: 20 Nov 2025 14:24

Tgt Ion: 136 Resp: 231384

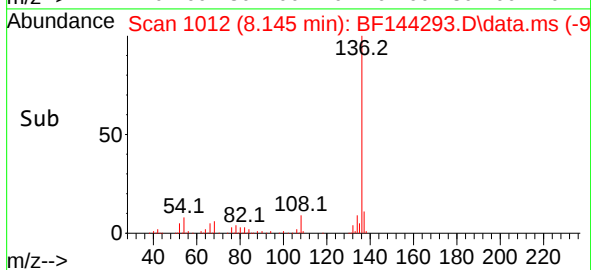
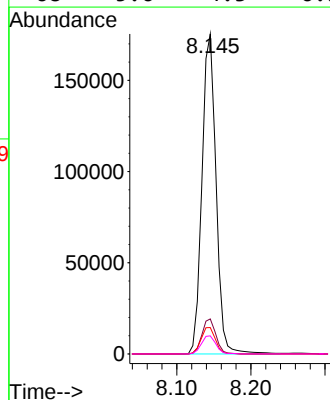
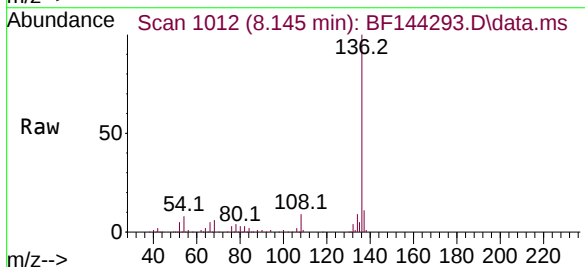
Ion Ratio Lower Upper

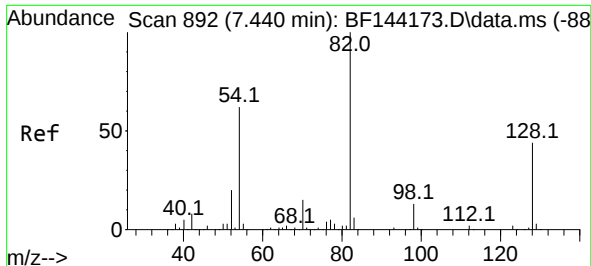
136 100

137 10.9 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 80.673 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144293.D

Acq: 20 Nov 2025 14:24

Instrument :

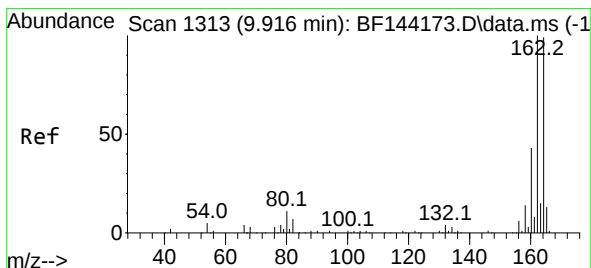
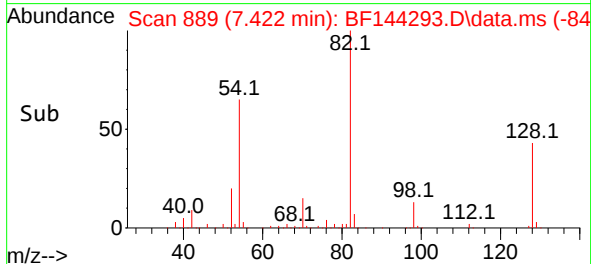
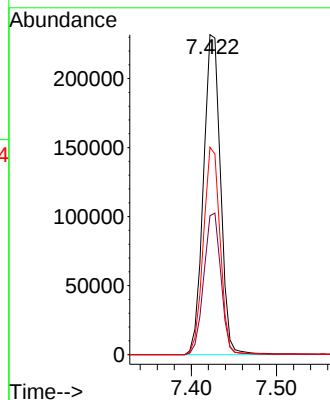
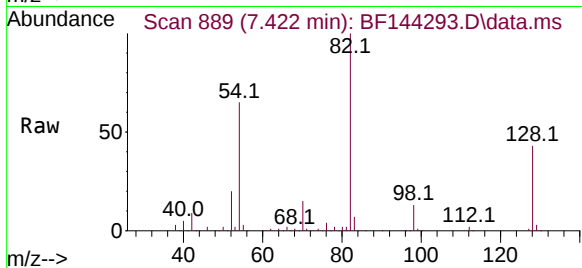
BNA_F

ClientSampleId :

PB170652BL

Tgt Ion: 82 Resp: 323200

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.7	52.1
54	64.8	49.5	74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

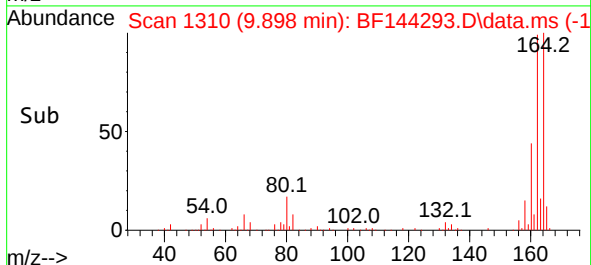
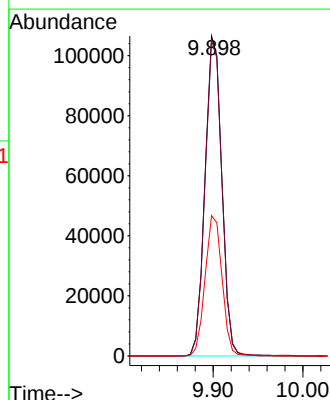
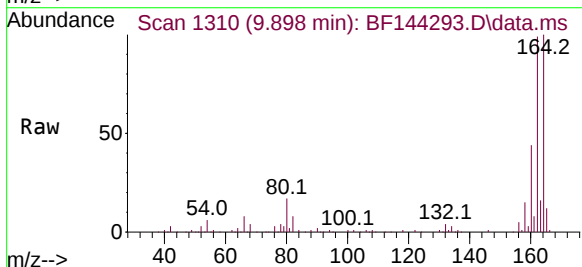
Delta R.T. -0.018 min

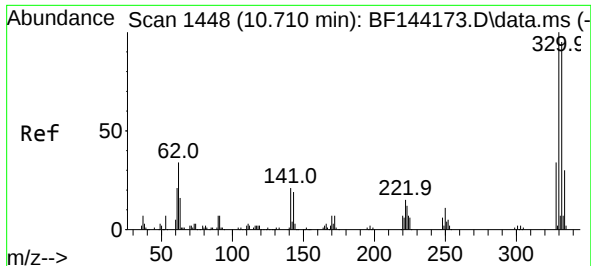
Lab File: BF144293.D

Acq: 20 Nov 2025 14:24

Tgt Ion: 164 Resp: 138365

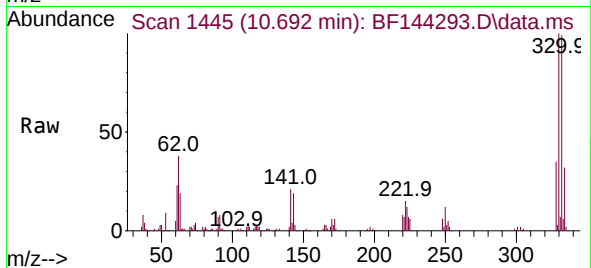
Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.1	121.7
160	43.8	34.5	51.7



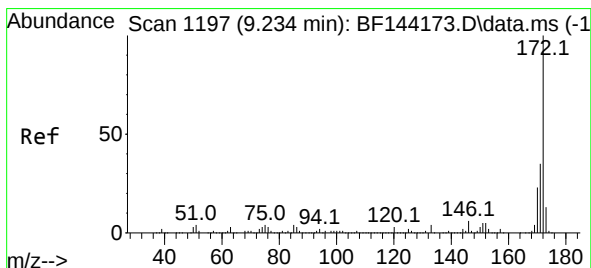
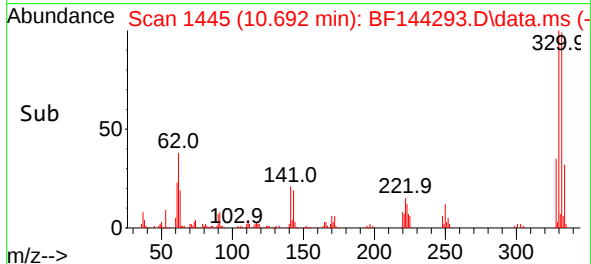
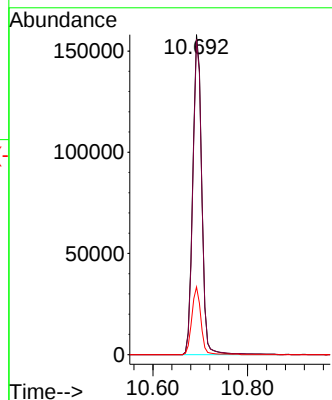


#42
2,4,6-Tribromophenol
Concen: 119.314 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB170652BL

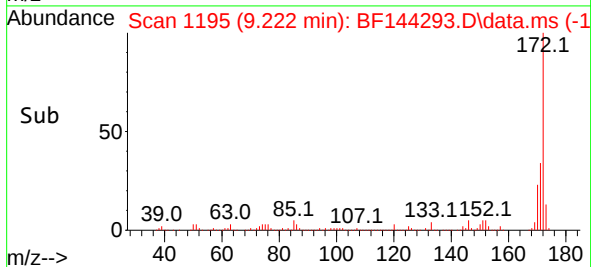
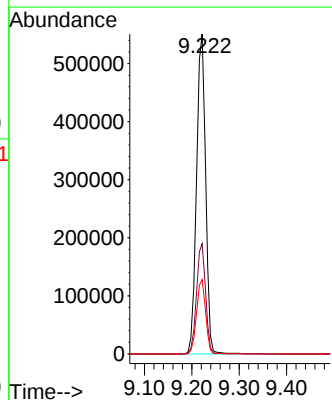
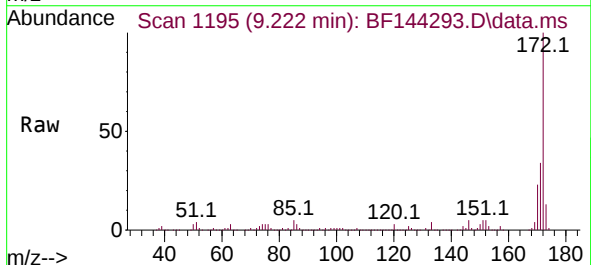


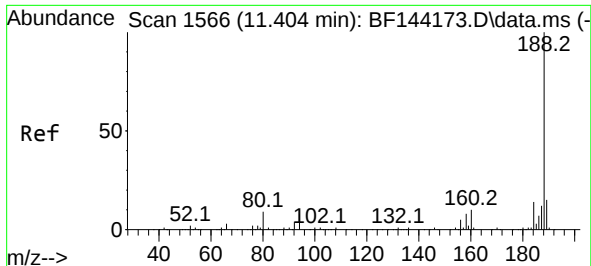
Tgt Ion:330 Resp: 207167
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 21.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 78.558 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

Tgt Ion:172 Resp: 735961
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.2 18.6 28.0

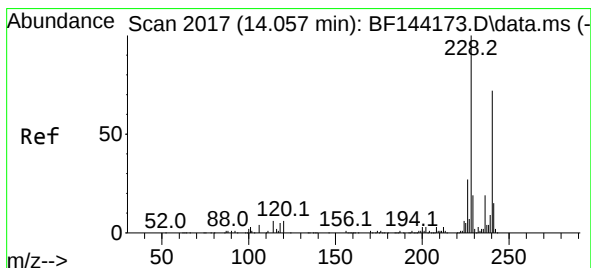
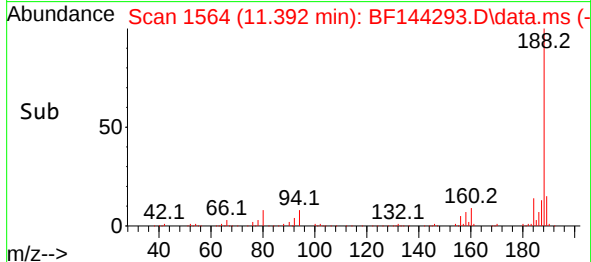
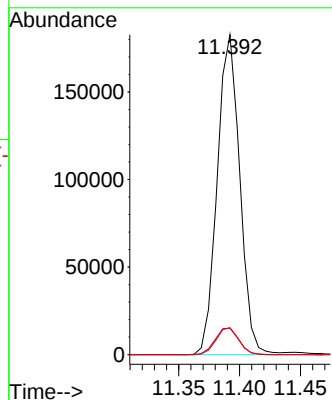
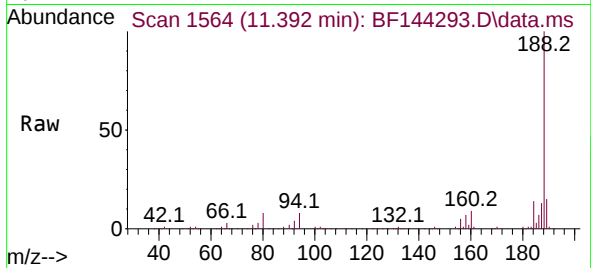




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

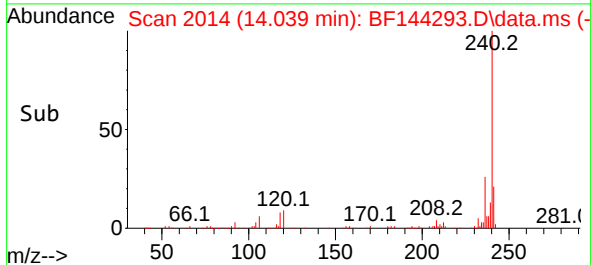
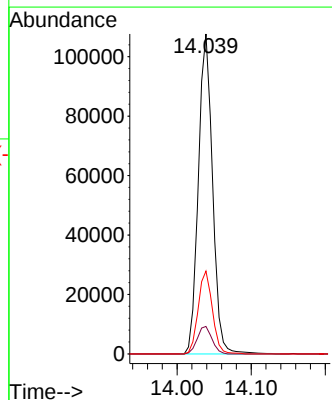
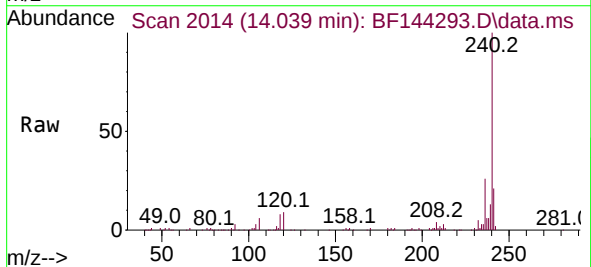
Instrument :
BNA_F
ClientSampleId :
PB170652BL

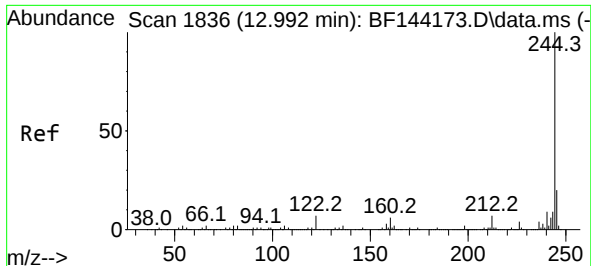
Tgt Ion:188 Resp: 235758
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

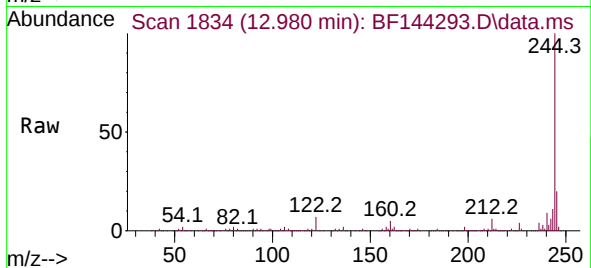
Tgt Ion:240 Resp: 143252
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 25.9 21.4 32.2



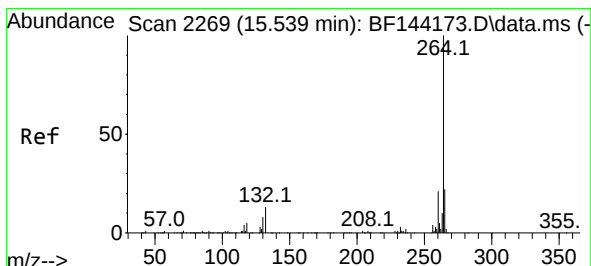
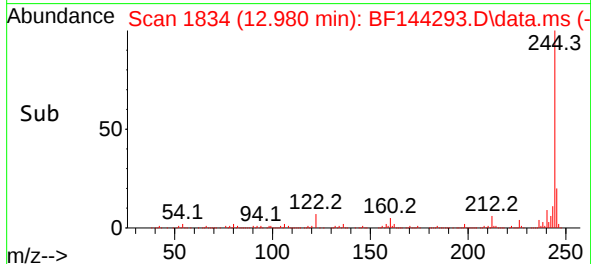
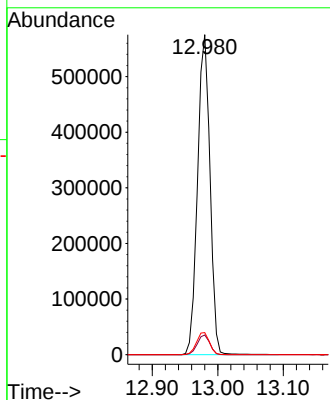


#79
Terphenyl-d14
Concen: 83.273 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

Instrument :
BNA_F
ClientSampleId :
PB170652BL



Tgt Ion:244 Resp: 751005
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 6.9 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF144293.D
Acq: 20 Nov 2025 14:24

Tgt Ion:264 Resp: 166902
Ion Ratio Lower Upper
264 100
260 22.6 17.1 25.7
265 20.9 17.4 26.0

