

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144333.D
 Acq On : 24 Nov 2025 19:46
 Operator : RC/JU
 Sample : Q3710-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELD-SHOP-EXCAVATION

Quant Time: Nov 25 00:28:44 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	54572	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	212065	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	117676	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	197983	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	132473	20.000	ng	-0.01
86) Perylene-d12	15.521	264	166936	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	428885	122.984	ng	0.00
7) Phenol-d6	6.498	99	465557	117.821	ng	0.00
23) Nitrobenzene-d5	7.422	82	329839	89.830	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	187329	126.857	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	706545	88.677	ng	0.00
79) Terphenyl-d14	12.980	244	715908	85.840	ng	-0.01

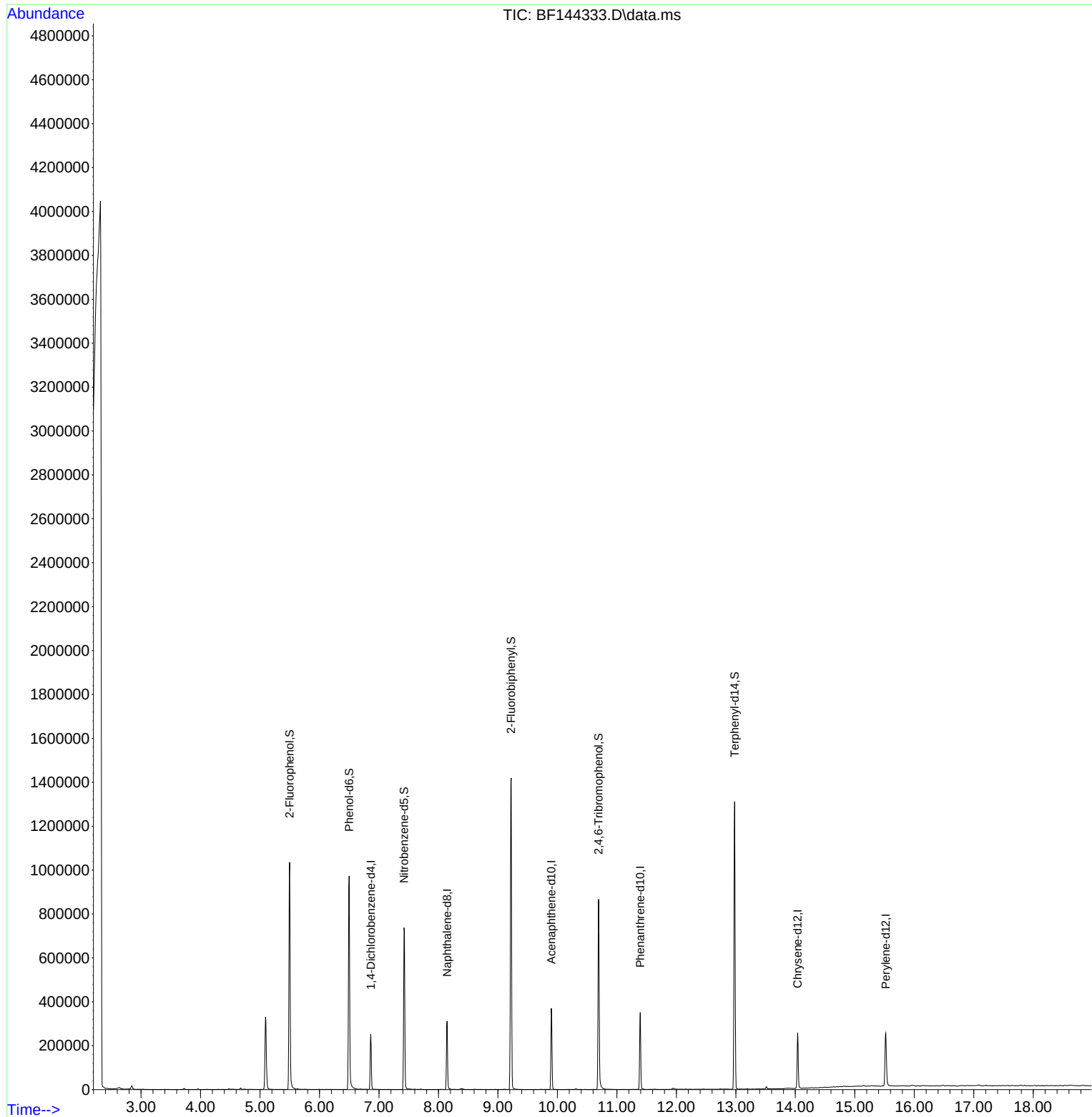
Target Compounds	Qvalue

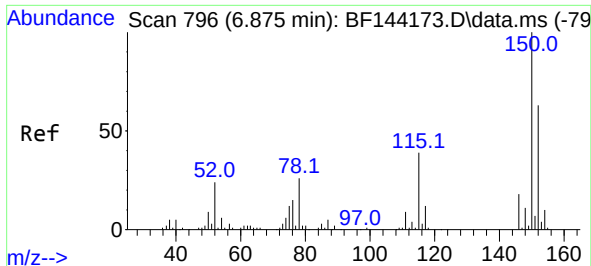
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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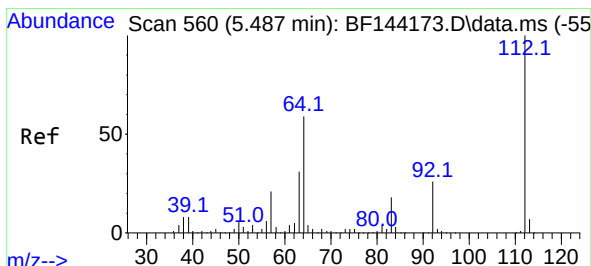
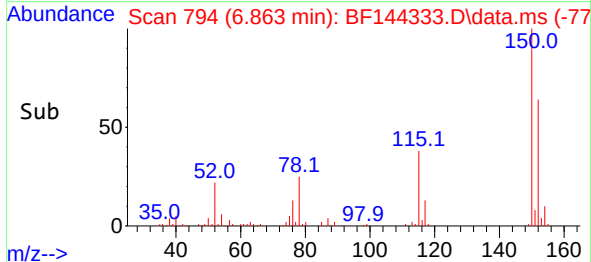
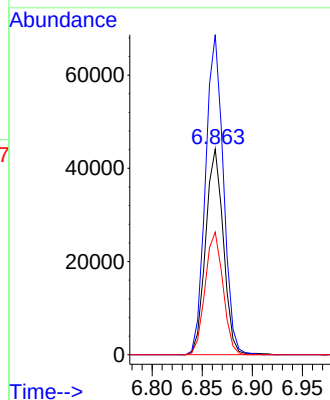
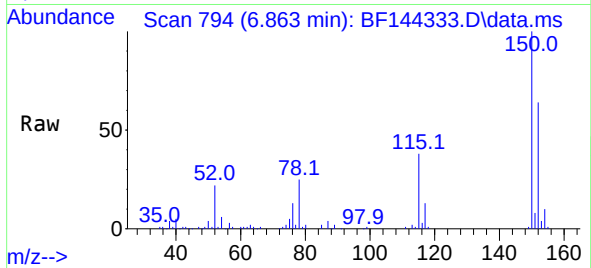




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.012 min
 Lab File: BF144333.D
 Acq: 24 Nov 2025 19:46

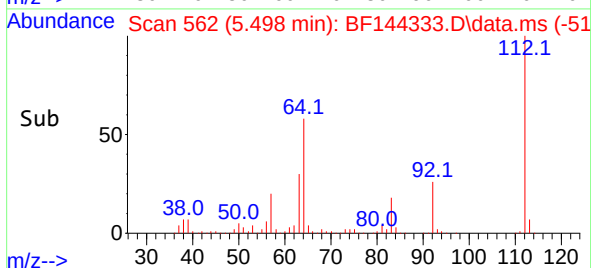
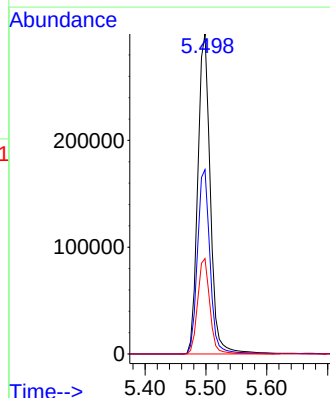
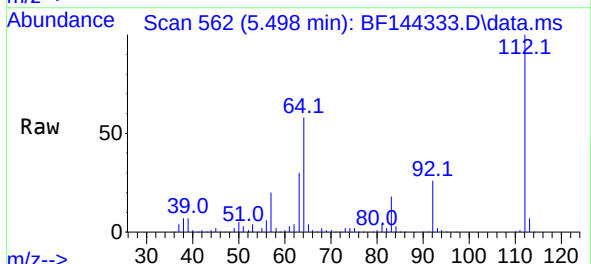
Instrument :
 BNA_F
 ClientSampleId :
 WELD-SHOP-EXCAVATION

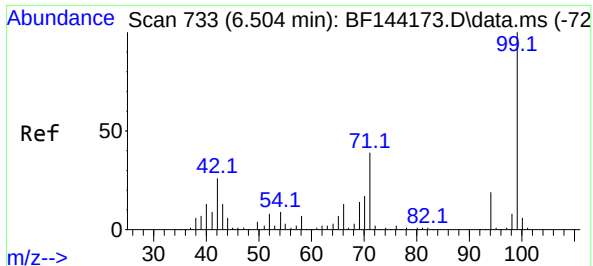
Tgt Ion:152 Resp: 54572
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 59.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 122.984 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144333.D
 Acq: 24 Nov 2025 19:46

Tgt Ion:112 Resp: 428885
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.2 70.8
 63 29.8 24.4 36.6

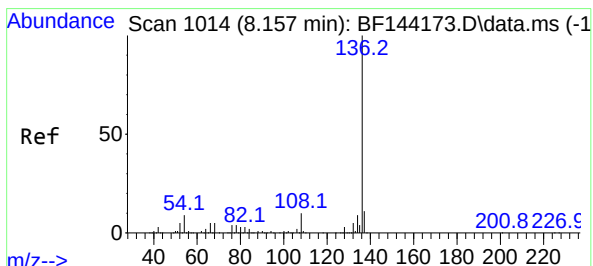
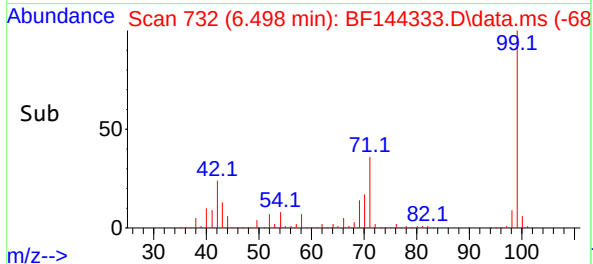
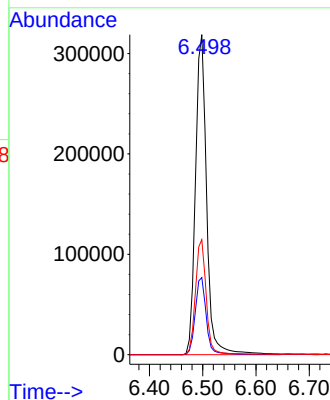
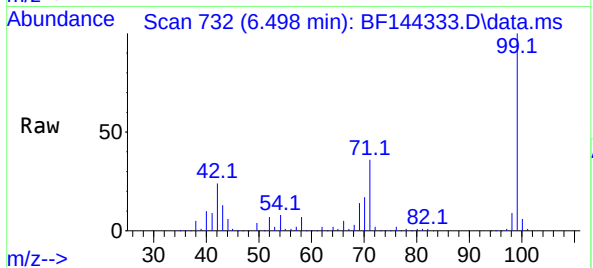




#7
Phenol-d6
Concen: 117.821 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

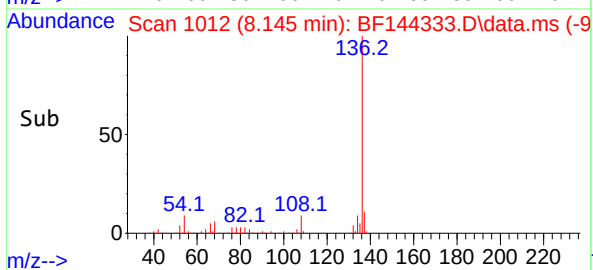
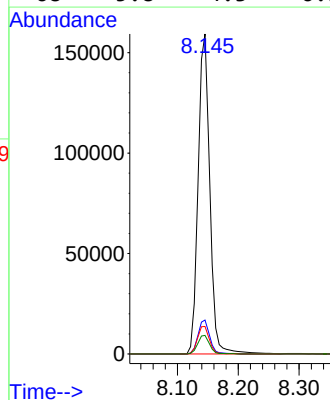
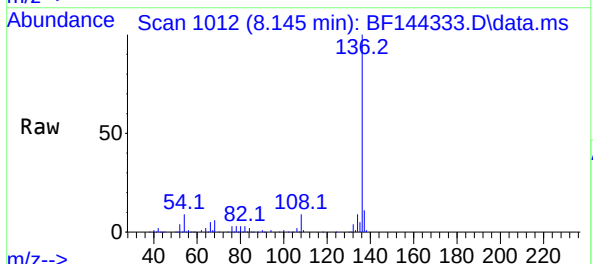
Instrument :
BNA_F
ClientSampleId :
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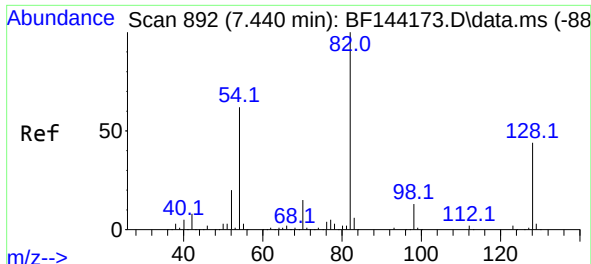
Tgt Ion: 99 Resp: 465557
Ion Ratio Lower Upper
99 100
42 24.1 20.9 31.3
71 36.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

Tgt Ion:136 Resp: 212065
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 7.0 10.6
68 5.8 4.3 6.5

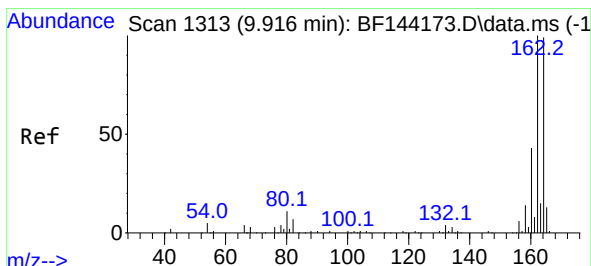
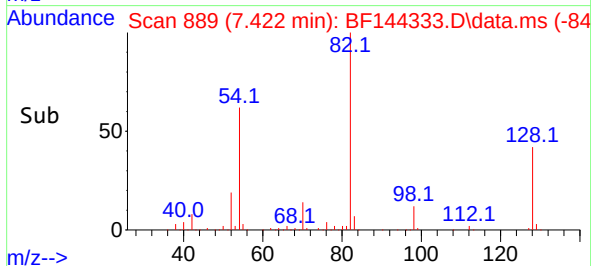
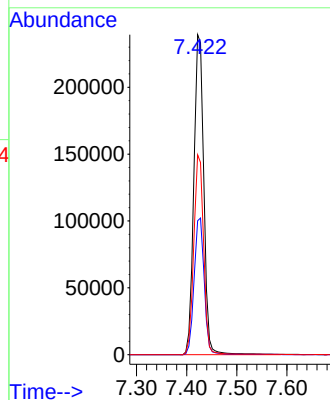
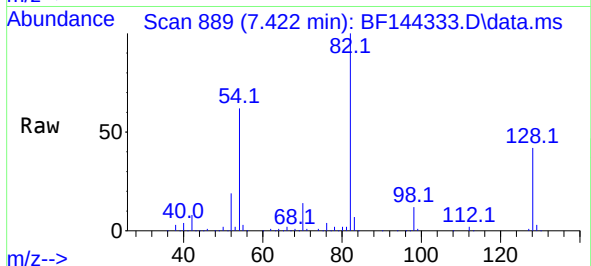




#23
Nitrobenzene-d5
Concen: 89.830 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

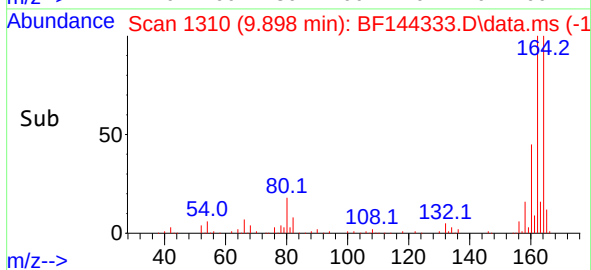
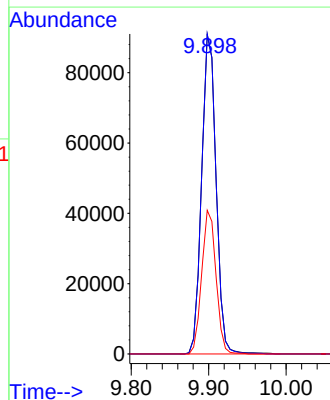
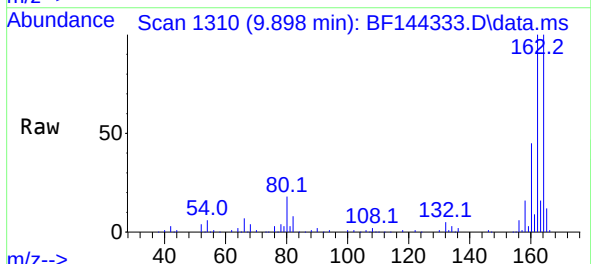
Instrument :
BNA_F
ClientSampleId :
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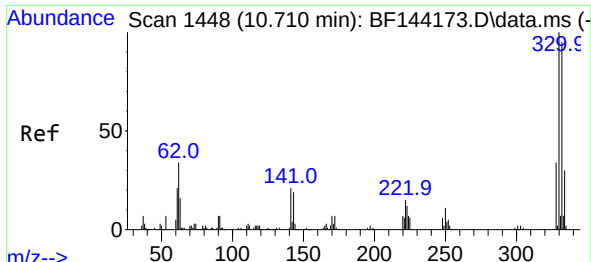
Tgt Ion: 82 Resp: 329839
Ion Ratio Lower Upper
82 100
128 41.9 34.7 52.1
54 62.4 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

Tgt Ion:164 Resp: 117676
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 45.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 126.857 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144333.D

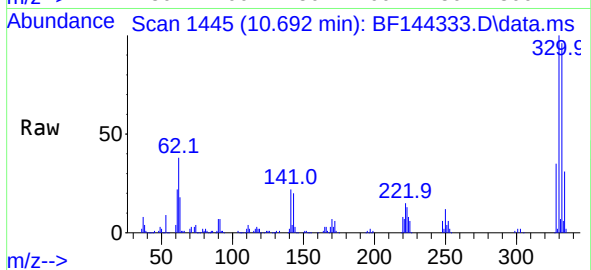
Acq: 24 Nov 2025 19:46

Instrument :

BNA_F

ClientSampleId :

WELD-SHOP-EXCAVATION



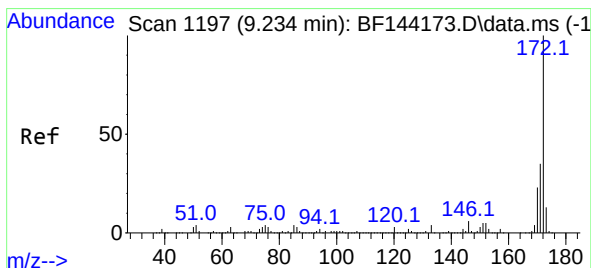
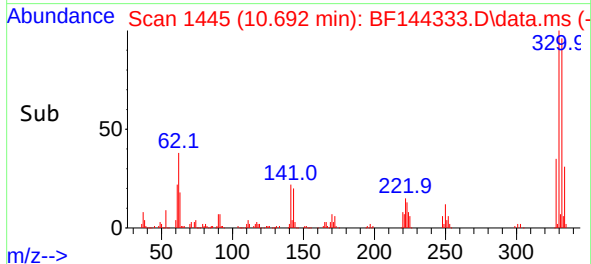
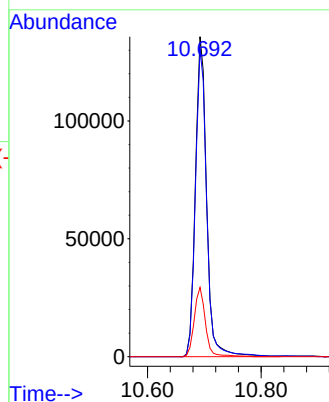
Tgt Ion:330 Resp: 187329

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 21.6 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 88.677 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144333.D

Acq: 24 Nov 2025 19:46

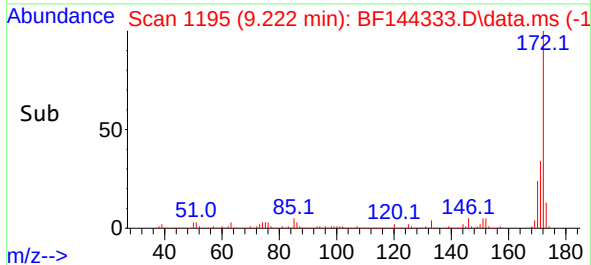
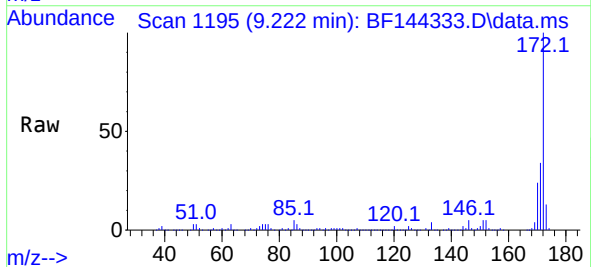
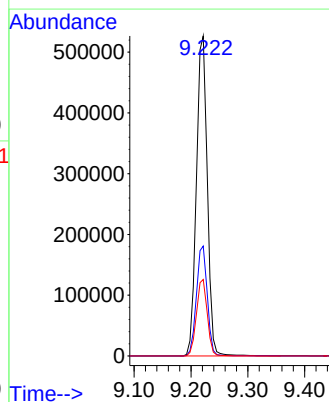
Tgt Ion:172 Resp: 706545

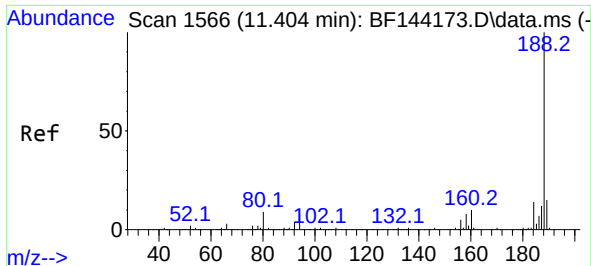
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.9 18.6 28.0

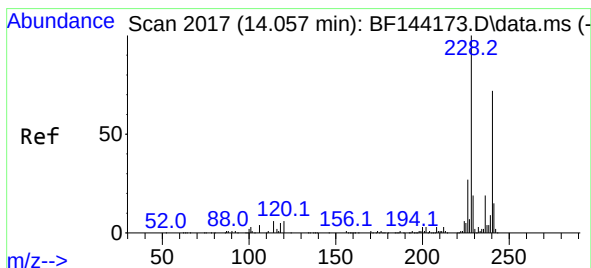
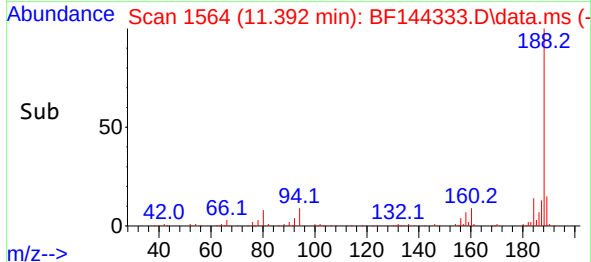
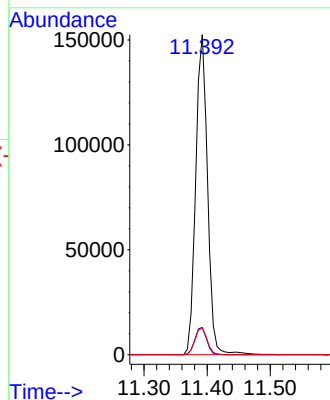
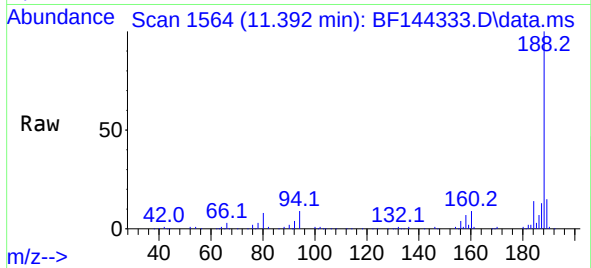




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

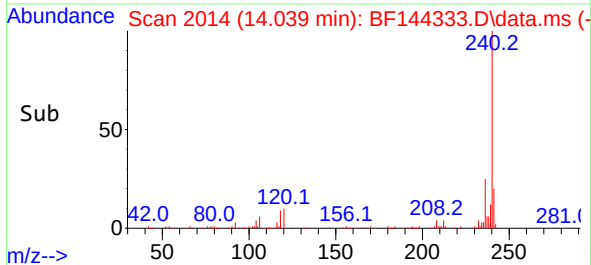
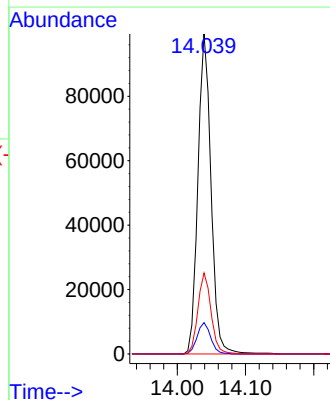
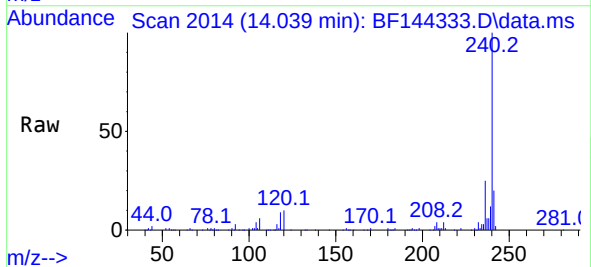
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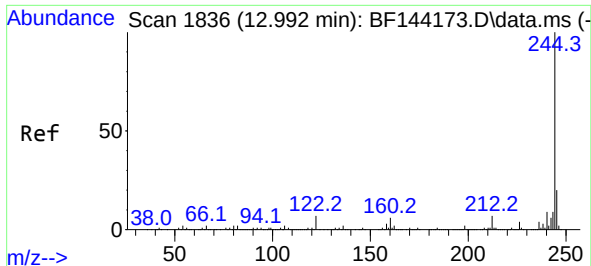
Tgt Ion:188 Resp: 197983
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

Tgt Ion:240 Resp: 132473
Ion Ratio Lower Upper
240 100
120 9.8 6.6 10.0
236 25.3 21.4 32.2

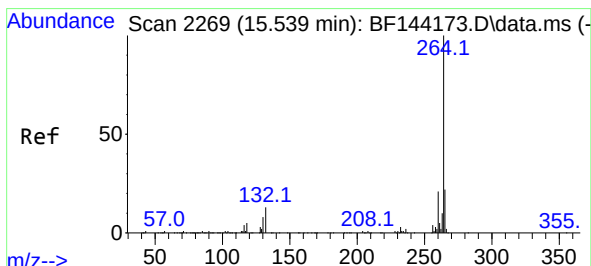
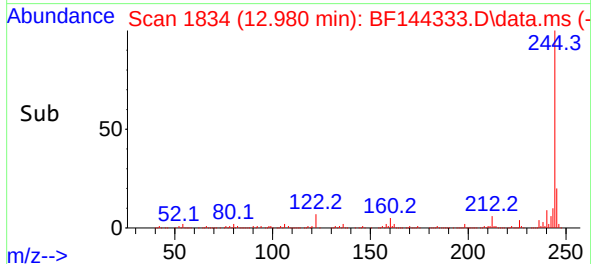
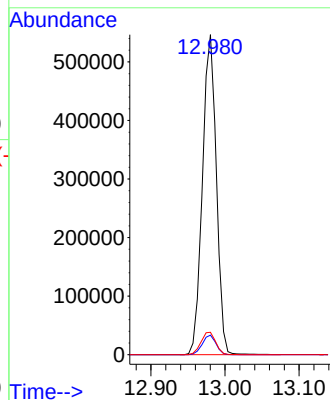
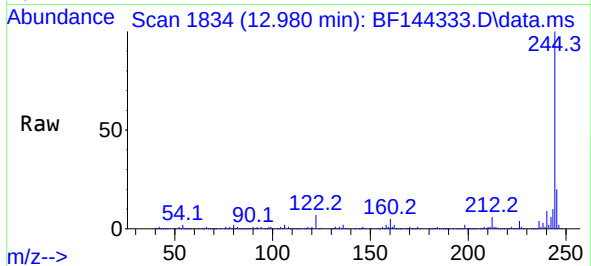




#79
Terphenyl-d14
Concen: 85.840 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144333.D
Acq: 24 Nov 2025 19:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 715908
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.0 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: BF144333.D
Acq: 24 Nov 2025 19:46

Tgt Ion:264 Resp: 166936
Ion Ratio Lower Upper
264 100
260 22.2 17.1 25.7
265 20.6 17.4 26.0

