

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144372.D
 Acq On : 26 Nov 2025 20:43
 Operator : RC/JU
 Sample : Q3719-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1125-15B

Quant Time: Nov 27 00:52:28 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)

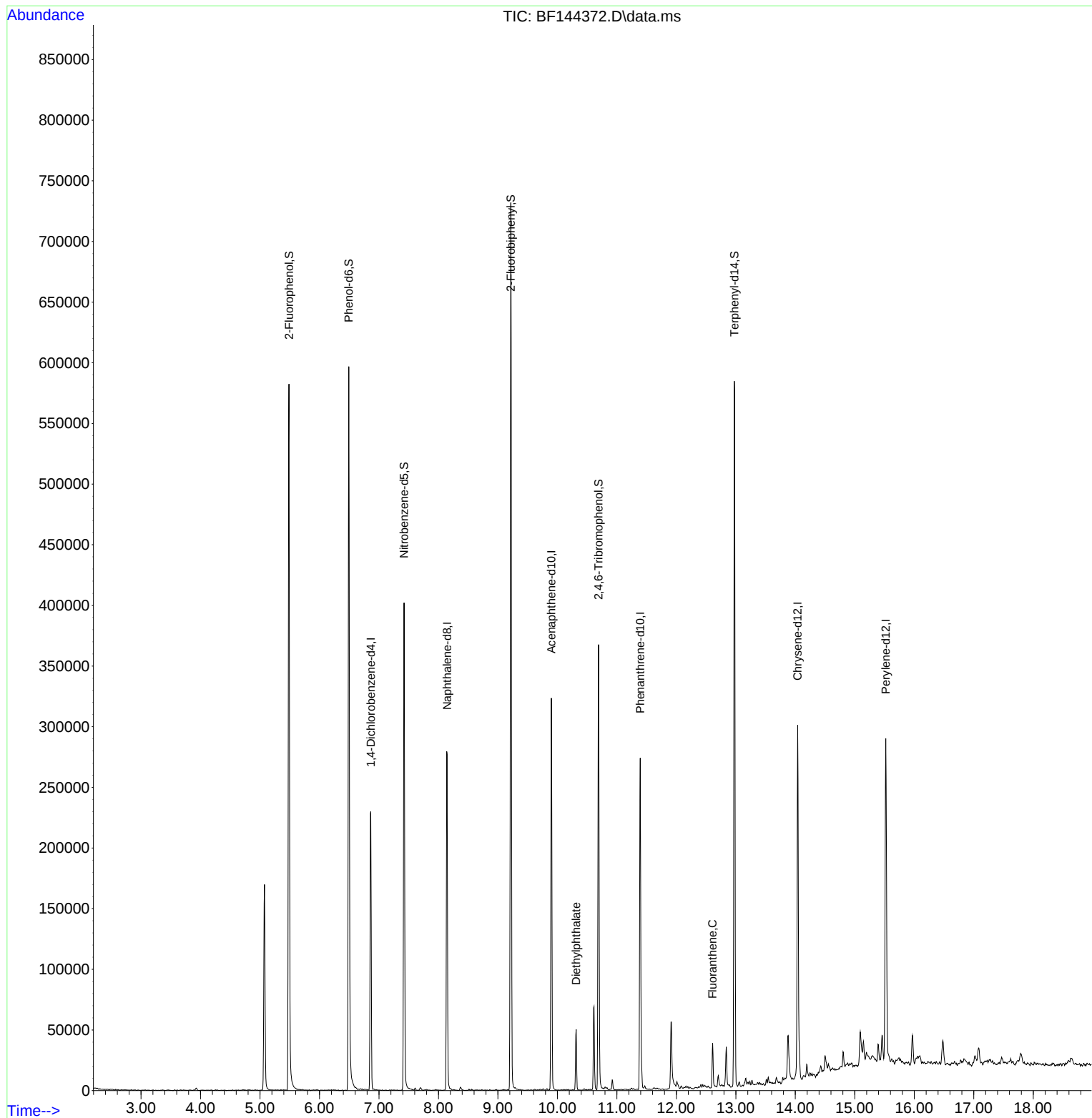
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	53626	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	192855	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	101536	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	151721	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	135074	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	162516	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	249283	72.744	ng	0.00
7) Phenol-d6	6.492	99	277195	71.389	ng	0.00
23) Nitrobenzene-d5	7.422	82	169142	50.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	75847	59.527	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	349816	50.884	ng	-0.01
79) Terphenyl-d14	12.974	244	316379	37.205	ng	-0.02
Target Compounds						
						Qvalue
60) Diethylphthalate	10.316	149	26343	4.248	ng	97
75) Fluoranthene	12.610	202	22420	2.873	ng	95

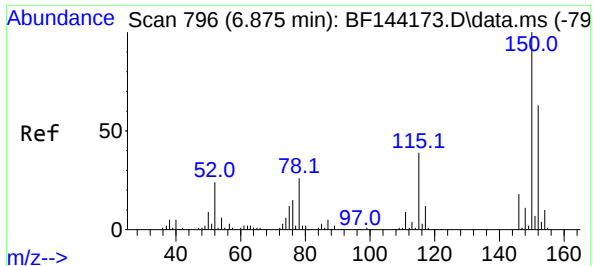
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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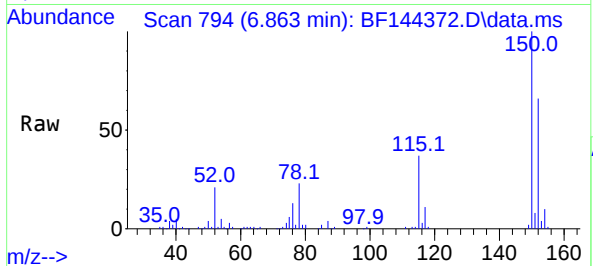
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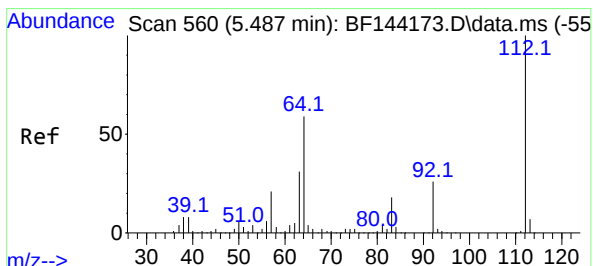
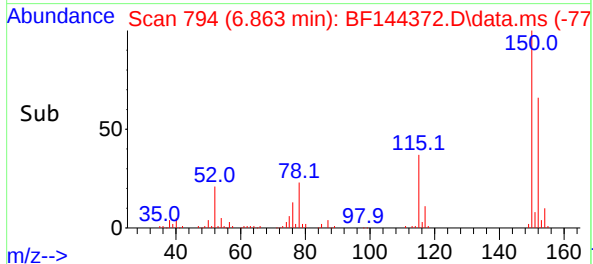
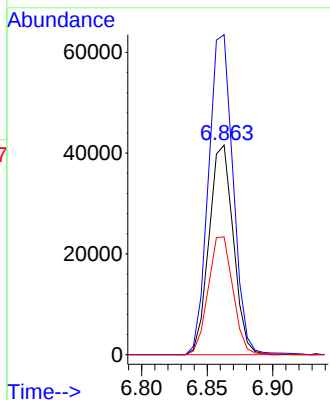


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Instrument :
BNA_F
ClientSampleId :
SB-1125-15B

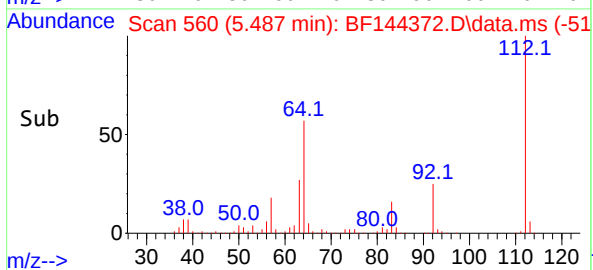
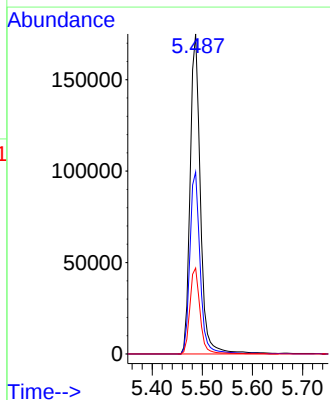
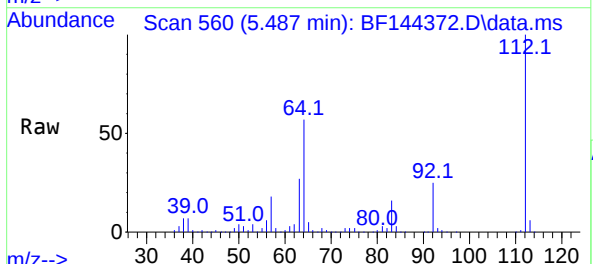


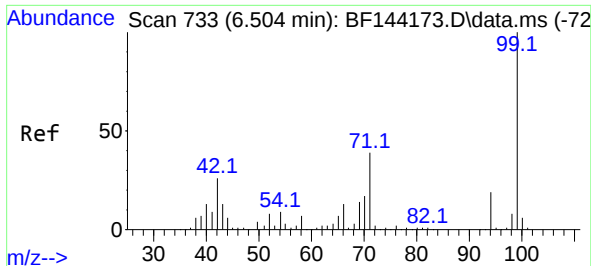
Tgt Ion:152 Resp: 53626
Ion Ratio Lower Upper
152 100
150 152.6 127.4 191.0
115 56.2 49.5 74.3



#5
2-Fluorophenol
Concen: 72.744 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

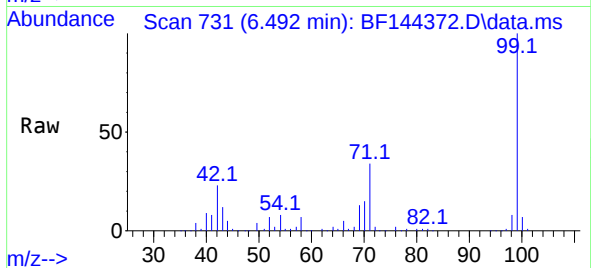
Tgt Ion:112 Resp: 249283
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 26.8 24.4 36.6





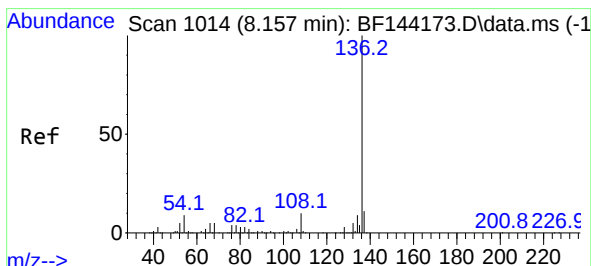
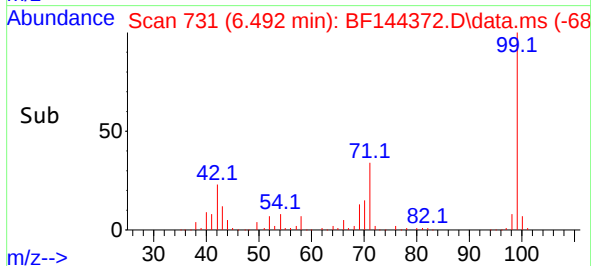
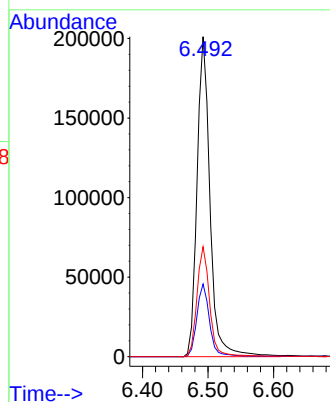
#7
Phenol-d6
Concen: 71.389 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Instrument :
BNA_F
ClientSampleId :
SB-1125-15B



Tgt Ion: 99 Resp: 277195

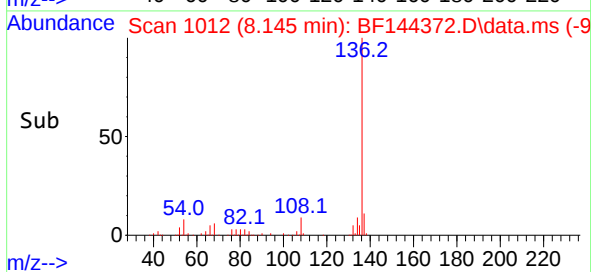
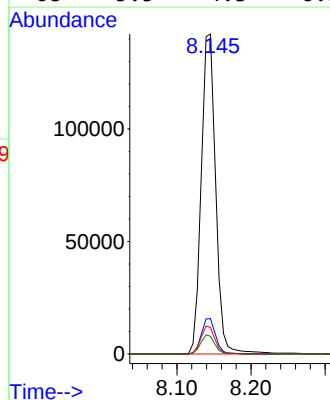
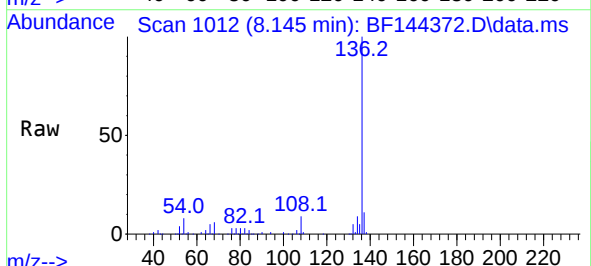
Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.9	31.3
71	34.3	31.4	47.2

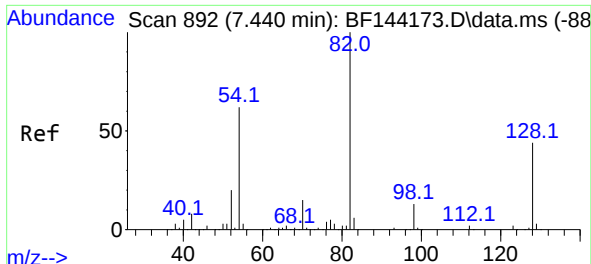


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Tgt Ion: 136 Resp: 192855

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.3	7.0	10.6
68	5.5	4.3	6.5

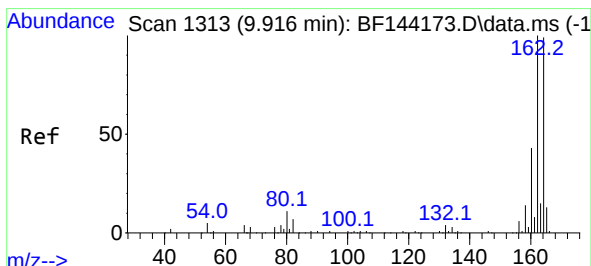
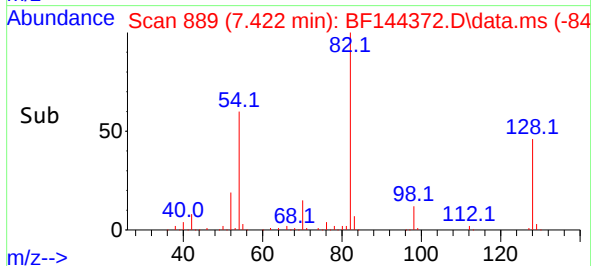
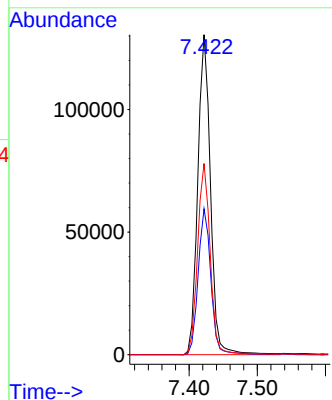
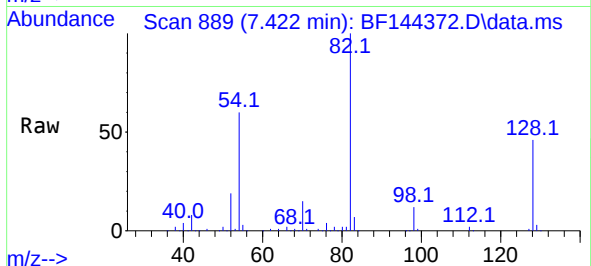




#23
 Nitrobenzene-d5
 Concen: 50.654 ng
 RT: 7.422 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF144372.D
 Acq: 26 Nov 2025 20:43

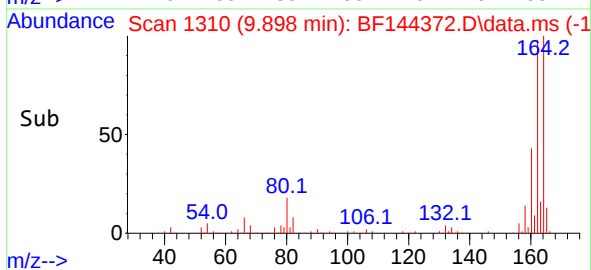
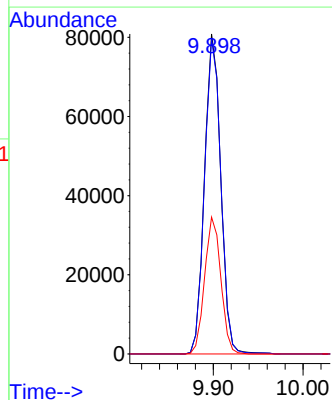
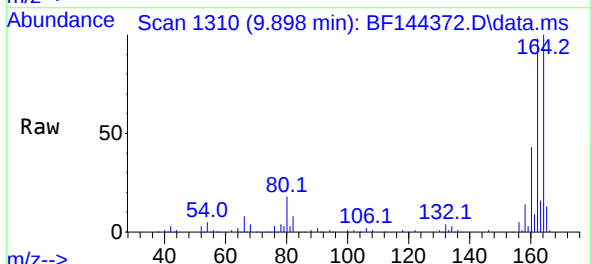
Instrument :
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 ClientSampleId :
 SB-1125-15B

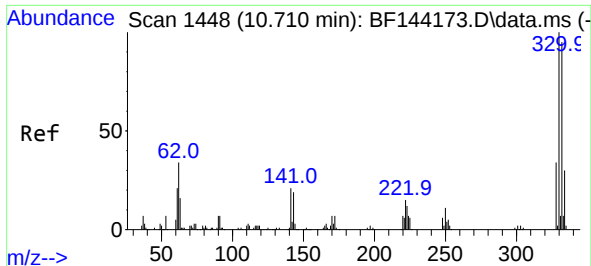
Tgt Ion: 82 Resp: 169142
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.7 52.1
 54 59.7 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1310
 Delta R.T. -0.018 min
 Lab File: BF144372.D
 Acq: 26 Nov 2025 20:43

Tgt Ion: 164 Resp: 101536
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.1 121.7
 160 42.8 34.5 51.7

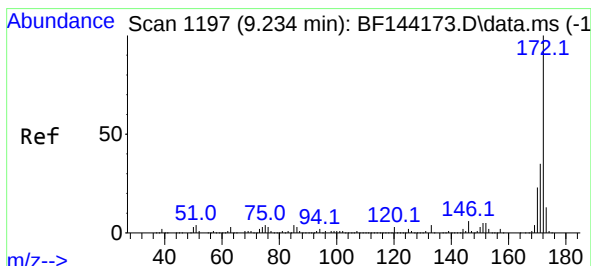
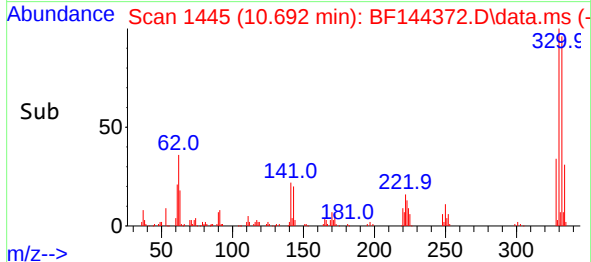
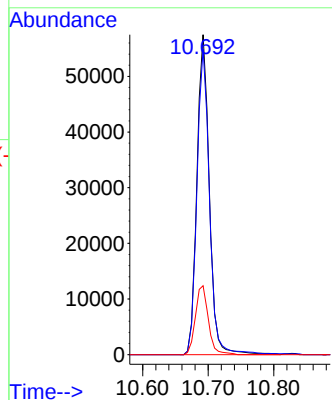
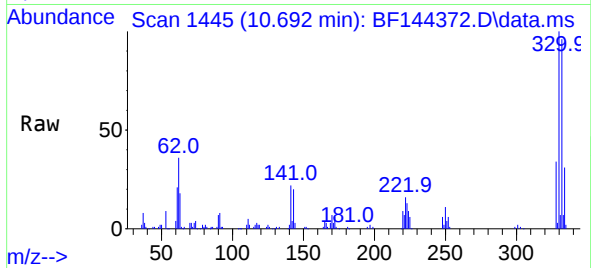




#42
2,4,6-Tribromophenol
Concen: 59.527 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

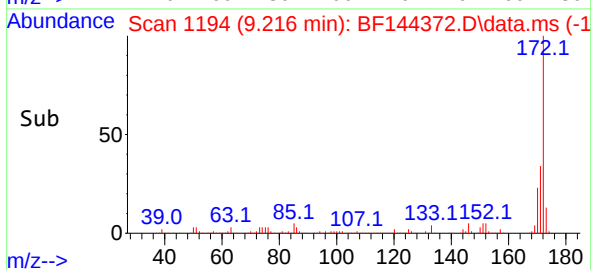
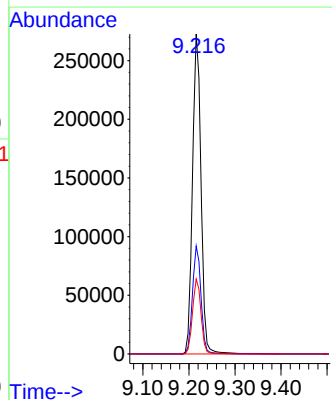
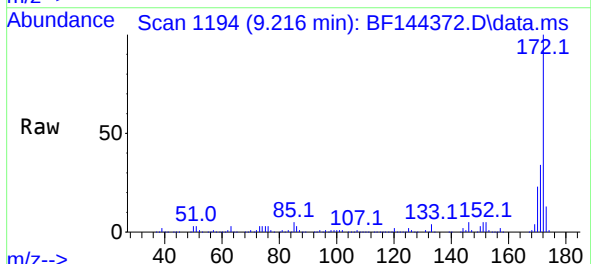
Instrument :
BNA_F
ClientSampleId :
SB-1125-15B

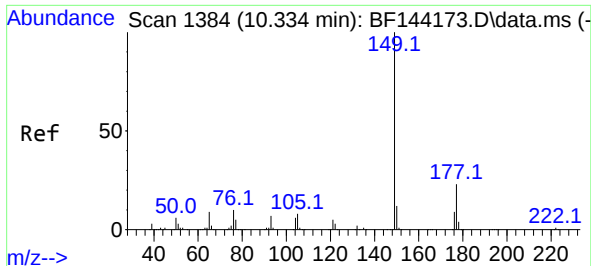
Tgt Ion: 330 Resp: 75847
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 22.5 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 50.884 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Tgt Ion: 172 Resp: 349816
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 23.5 18.6 28.0

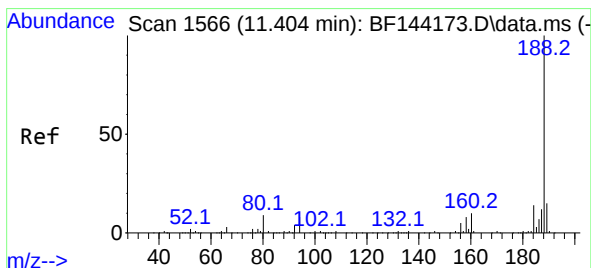
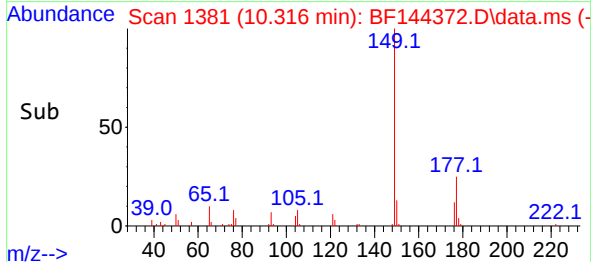
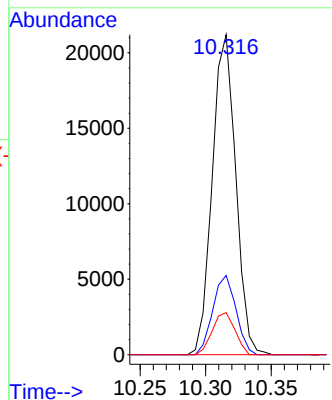
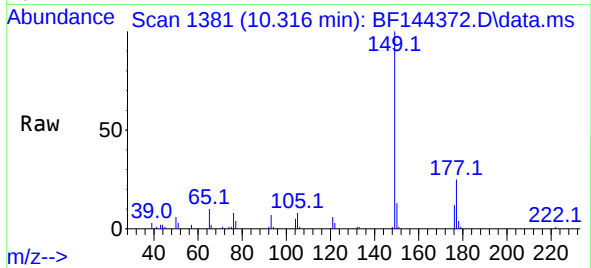




#60
Diethylphthalate
Concen: 4.248 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

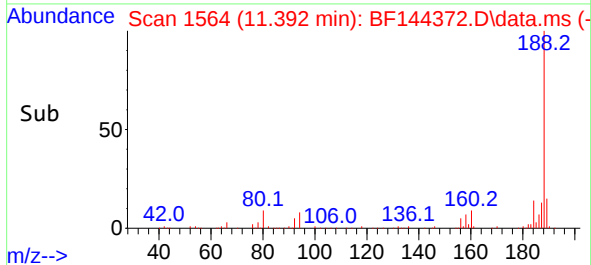
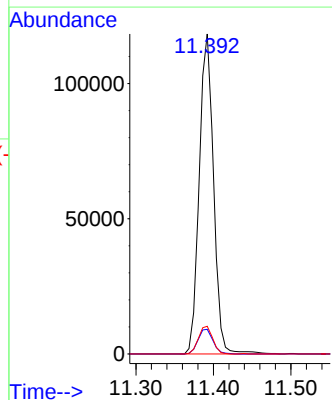
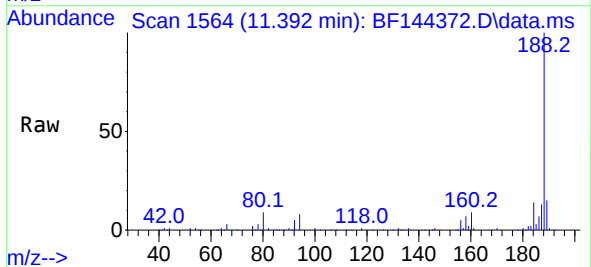
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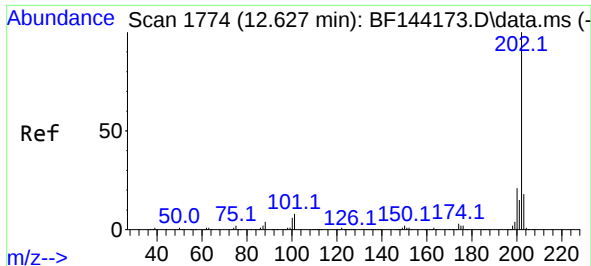
Tgt Ion:149 Resp: 26343
Ion Ratio Lower Upper
149 100
177 24.7 18.3 27.5
150 13.2 9.8 14.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Tgt Ion:188 Resp: 151721
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.7 6.9 10.3

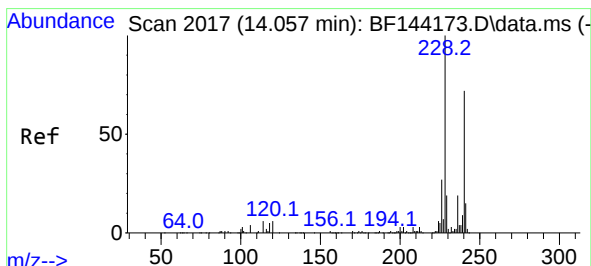
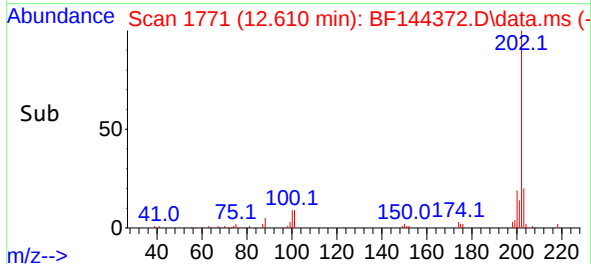
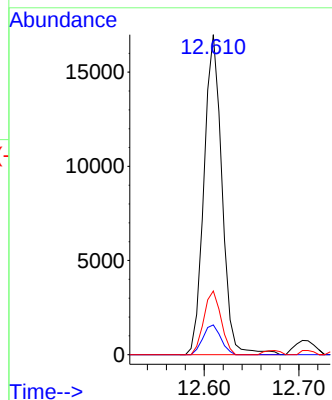
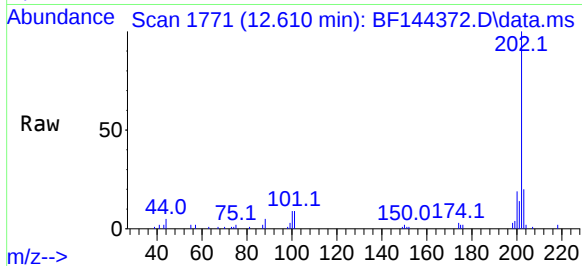




#75
Fluoranthene
Concen: 2.873 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

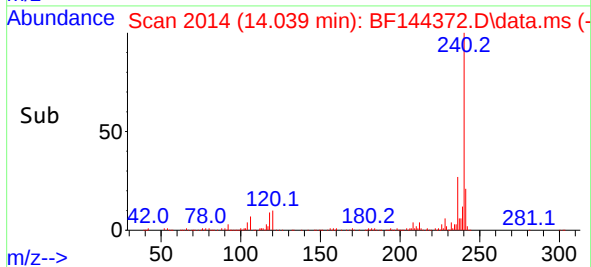
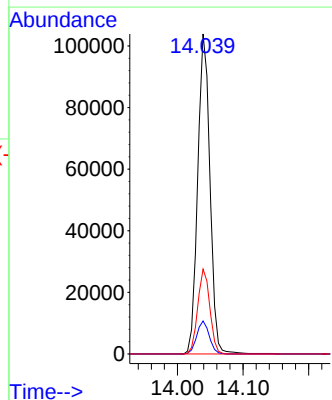
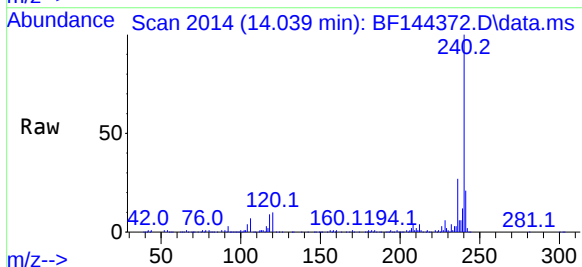
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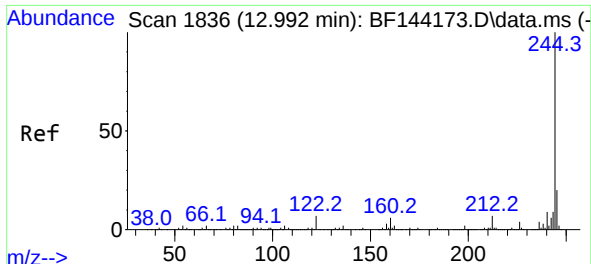
Tgt Ion:	202	Resp:	22420
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	27.9
203	19.9	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Tgt Ion:	240	Resp:	135074
Ion Ratio	Lower	Upper	
240	100		
120	10.3	6.6	10.0#
236	26.5	21.4	32.2

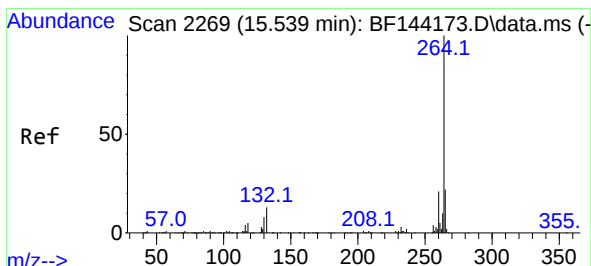
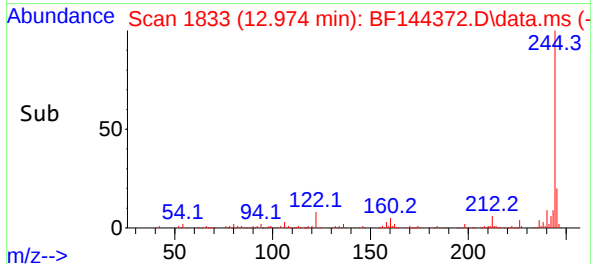
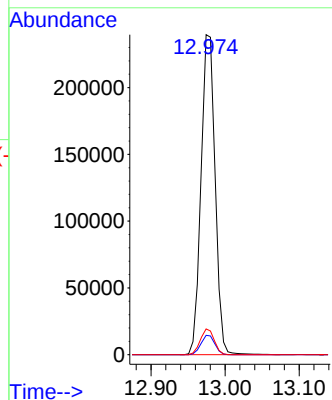
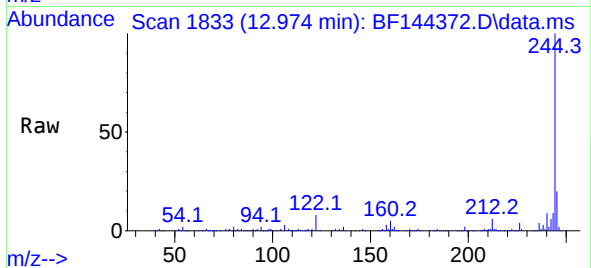




#79
Terphenyl-d14
Concen: 37.205 ng
RT: 12.974 min Scan# 1833
Delta R.T. -0.018 min
Lab File: BF144372.D
Acq: 26 Nov 2025 20:43

Instrument :
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SB-1125-15B

Tgt Ion:244 Resp: 316379
Ion Ratio Lower Upper
244 100
212 6.0 5.3 7.9
122 8.1 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: BF144372.D
Acq: 26 Nov 2025 20:43

Tgt Ion:264 Resp: 162516
Ion Ratio Lower Upper
264 100
260 21.5 17.1 25.7
265 21.7 17.4 26.0

