

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026172.D
 Acq On : 20 Nov 2025 13:13
 Operator : RC/JU
 Sample : Q3668-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2015

Quant Time: Nov 20 13:32:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

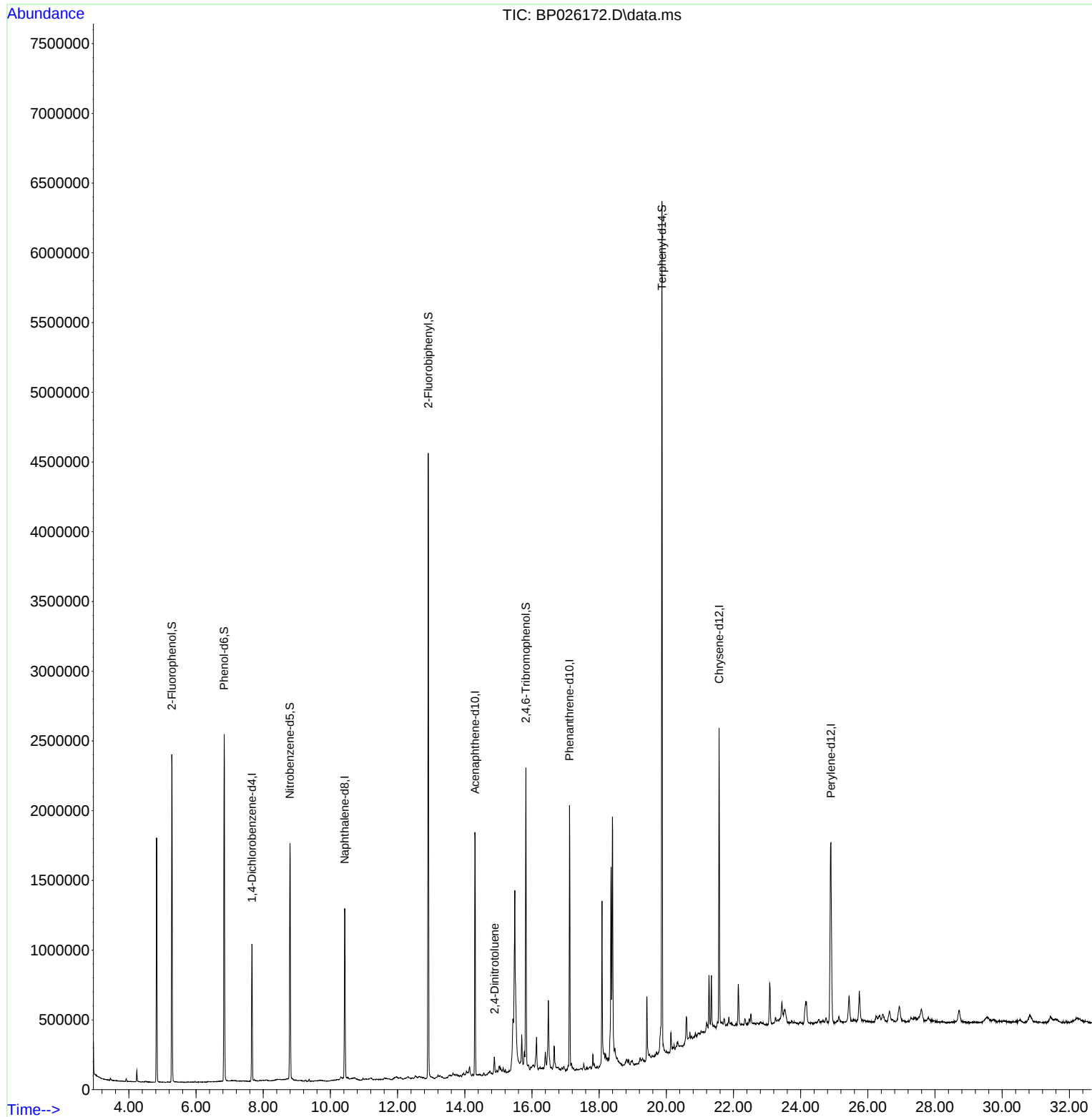
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	276982	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	1016088	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	586984	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1081399	20.000	ng	-0.01
76) Chrysene-d12	21.572	240	1164560	20.000	ng	0.00
86) Perylene-d12	24.901	264	1420615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1054216	61.091	ng	-0.01
7) Phenol-d6	6.837	99	1456298	66.289	ng	-0.02
23) Nitrobenzene-d5	8.796	82	948293	53.012	ng	-0.02
42) 2,4,6-Tribromophenol	15.819	330	405246	53.220	ng	-0.02
45) 2-Fluorobiphenyl	12.913	172	2198541	54.894	ng	-0.02
79) Terphenyl-d14	19.872	244	2932569	51.347	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.884	165	30096	2.320	ng	Qvalue # 41

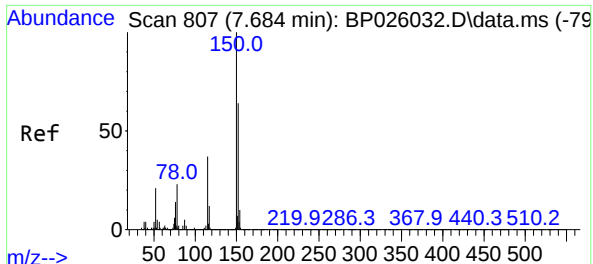
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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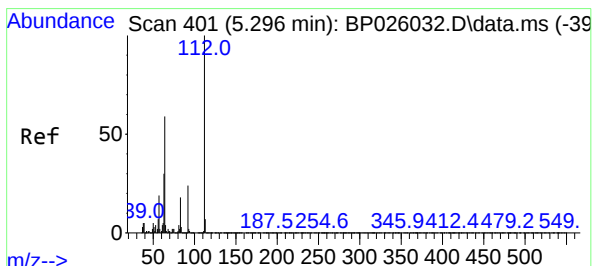
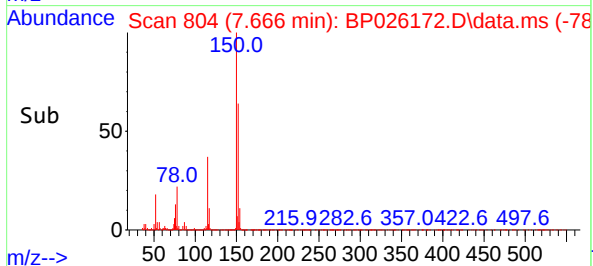
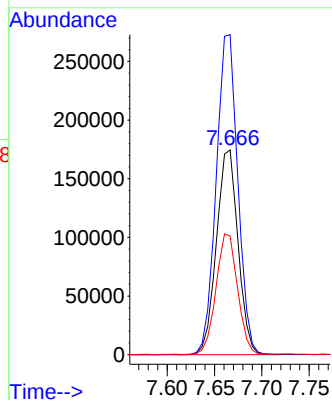
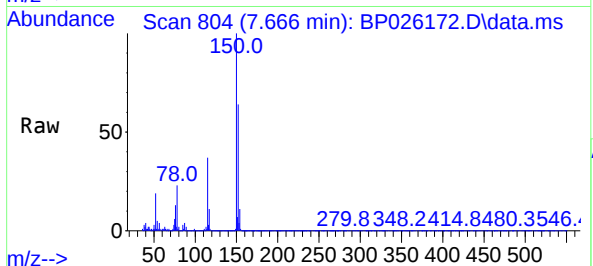




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

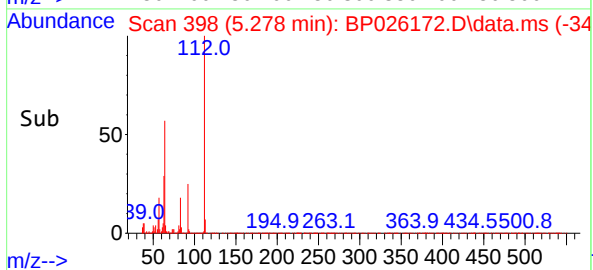
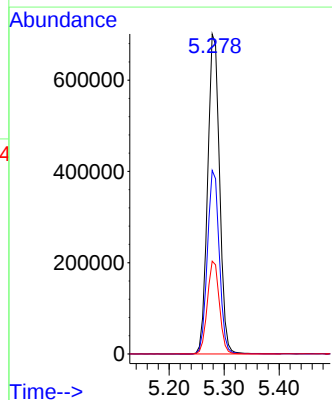
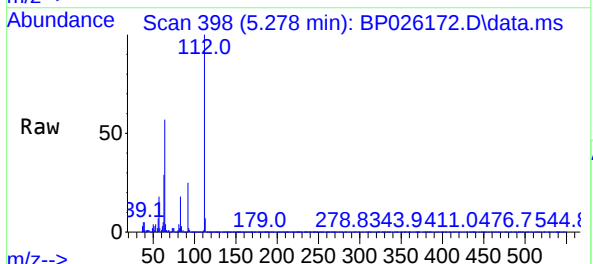
Instrument :
BNA_P
ClientSampleId :
2015

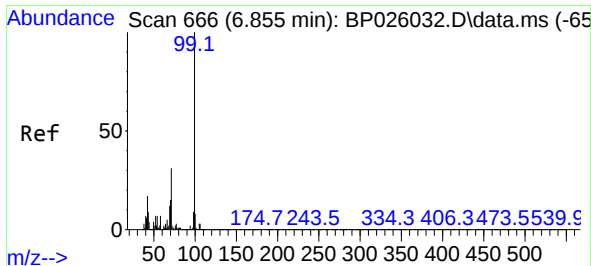
Tgt Ion:152 Resp: 276982
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.6
115 58.0 46.3 69.5



#5
2-Fluorophenol
Concen: 61.091 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.012 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Tgt Ion:112 Resp: 1054216
Ion Ratio Lower Upper
112 100
64 57.3 45.8 68.6
63 29.0 23.5 35.3

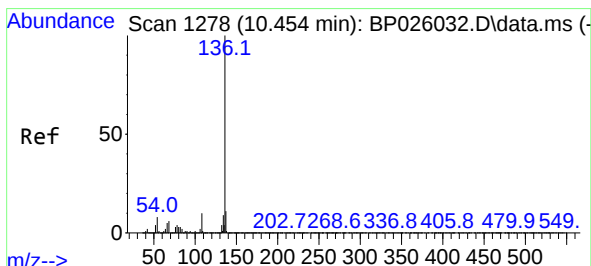
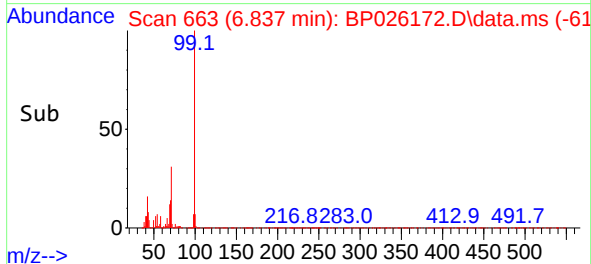
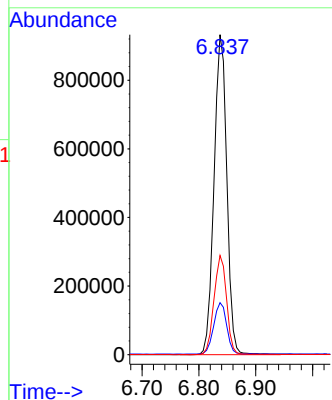
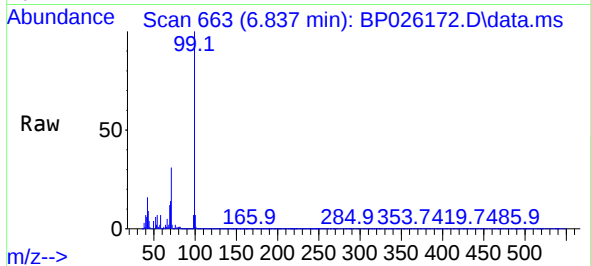




#7
Phenol-d6
Concen: 66.289 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

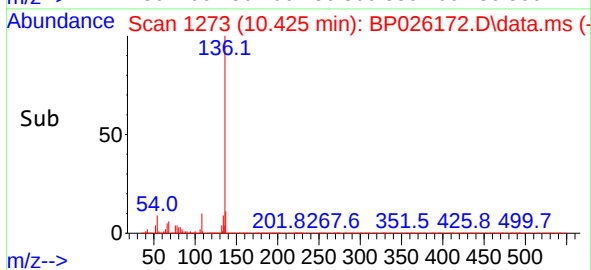
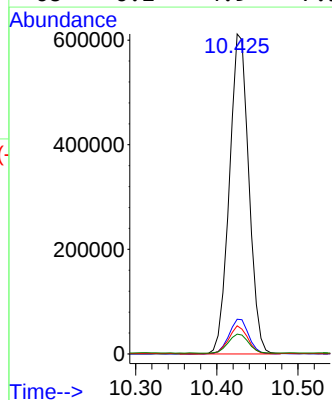
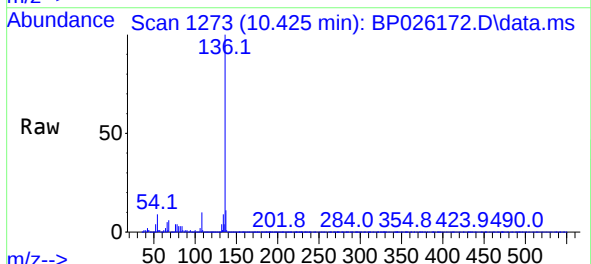
Instrument :
BNA_P
ClientSampleId :
2015

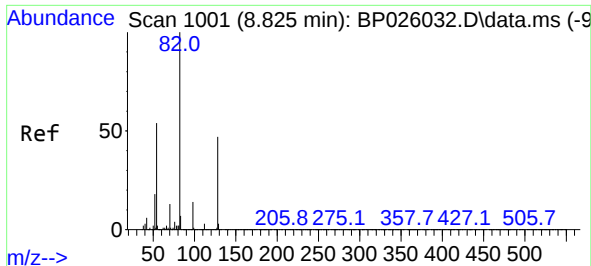
Tgt Ion: 99 Resp: 1456298
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 31.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Tgt Ion:136 Resp: 1016088
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.8 6.4 9.6
68 6.2 4.9 7.3

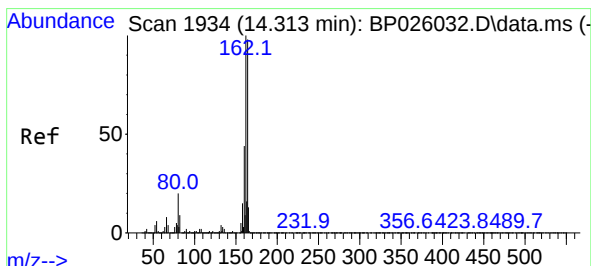
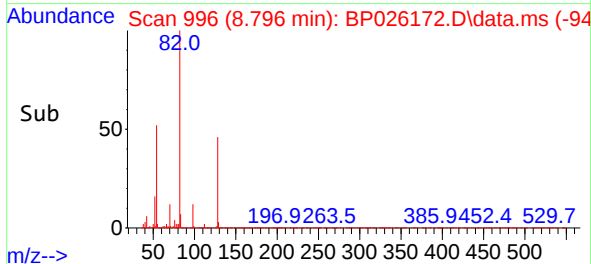
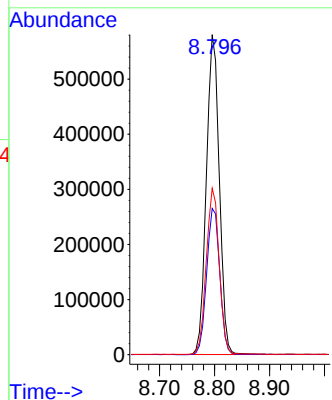
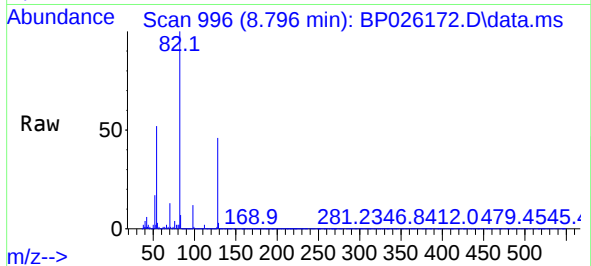




#23
Nitrobenzene-d5
Concen: 53.012 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

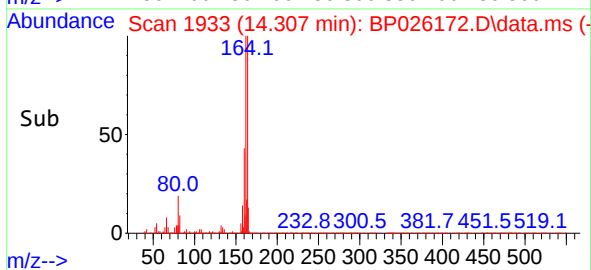
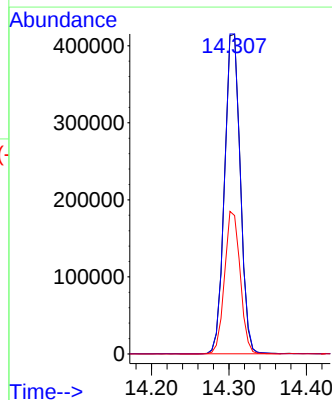
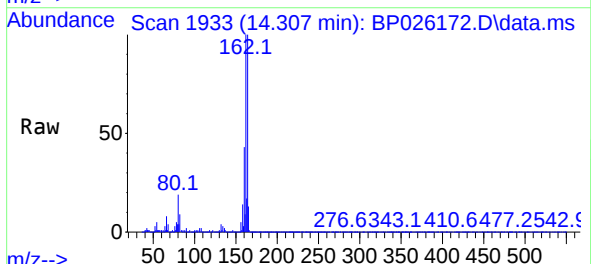
Instrument :
BNA_P
ClientSampleId :
2015

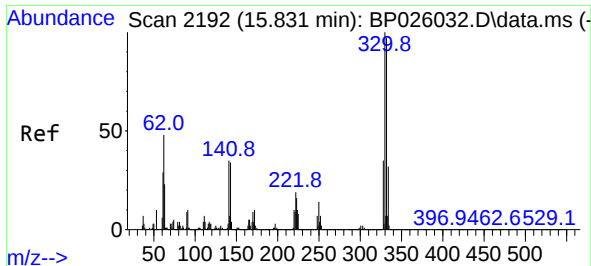
Tgt Ion: 82 Resp: 948293
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.0
54 52.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Tgt Ion: 164 Resp: 586984
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 43.3 35.2 52.8

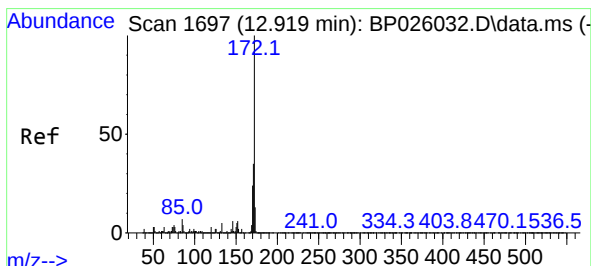
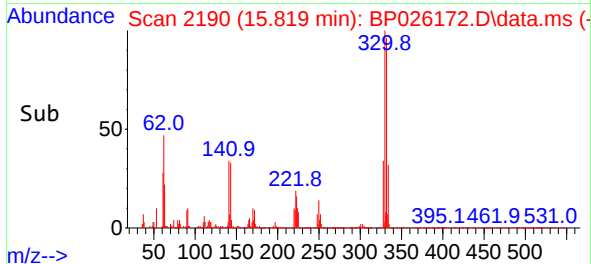
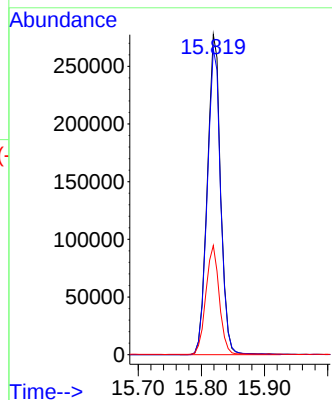
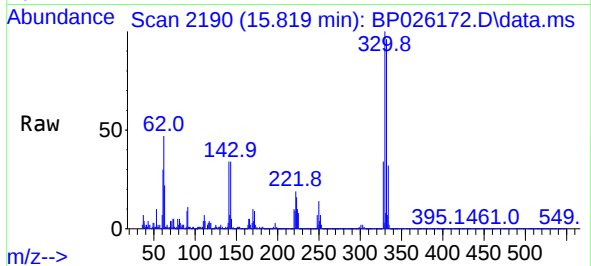




#42
2,4,6-Tribromophenol
Concen: 53.220 ng
RT: 15.819 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

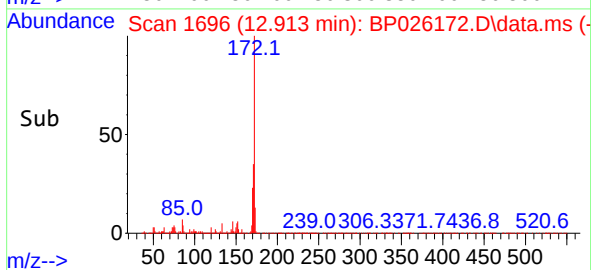
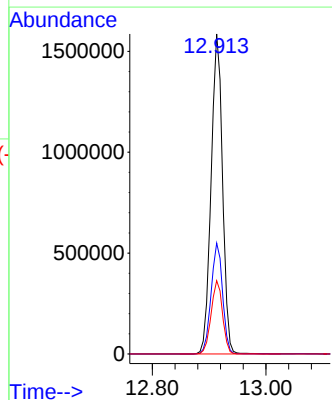
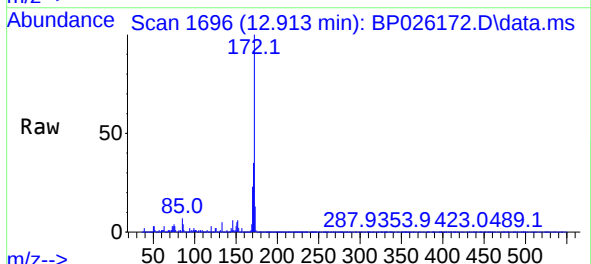
Instrument :
BNA_P
ClientSampleId :
2015

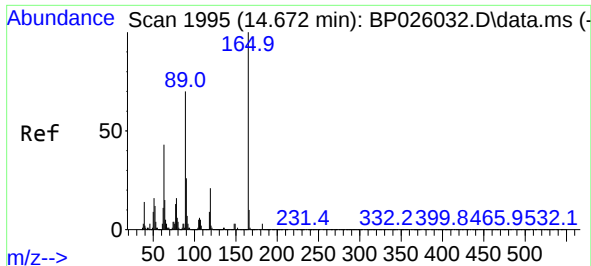
Tgt Ion:330 Resp: 405246
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 34.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 54.894 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.017 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

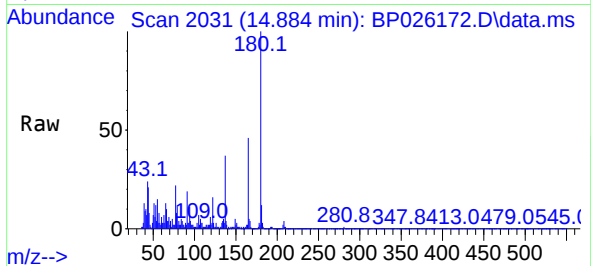
Tgt Ion:172 Resp: 2198541
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.9 18.7 28.1



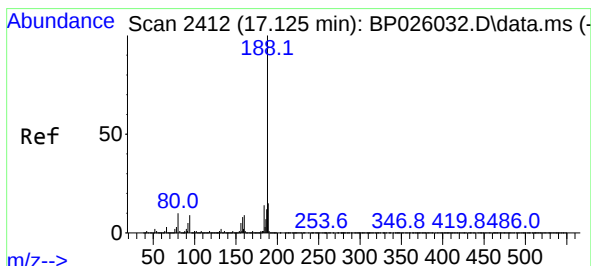
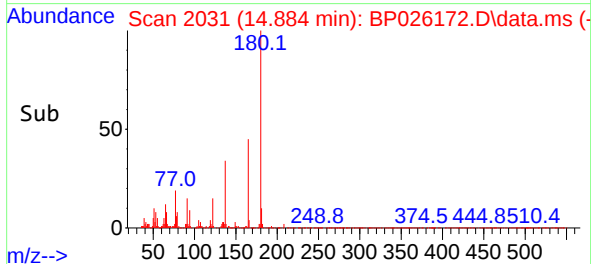
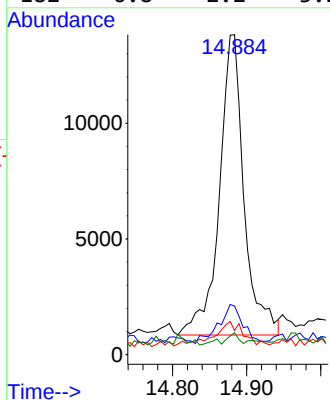


#57
2,4-Dinitrotoluene
Concen: 2.320 ng
RT: 14.884 min Scan# 2015
Delta R.T. 0.194 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Instrument :
BNA_P
ClientSampleId :
2015

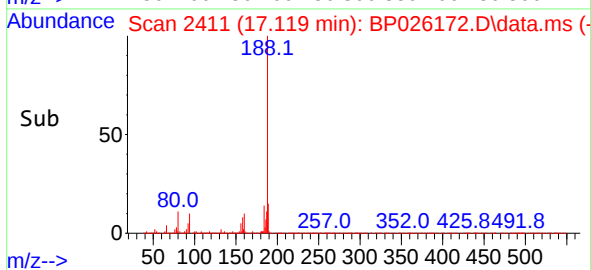
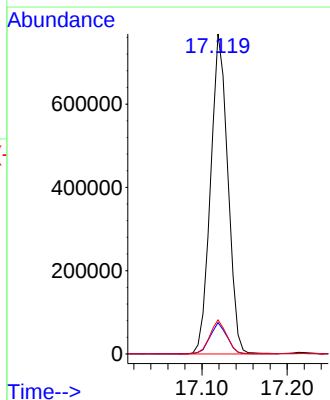
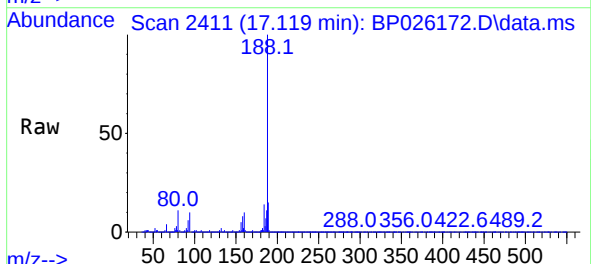


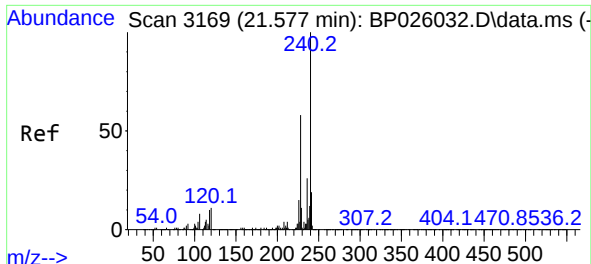
Tgt Ion:165 Resp: 30096
Ion Ratio Lower Upper
165 100
63 15.2 31.0 46.6#
89 7.6 51.7 77.5#
182 6.8 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Tgt Ion:188 Resp: 1081399
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.6 8.2 12.2

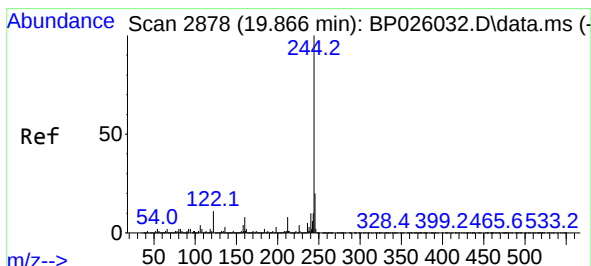
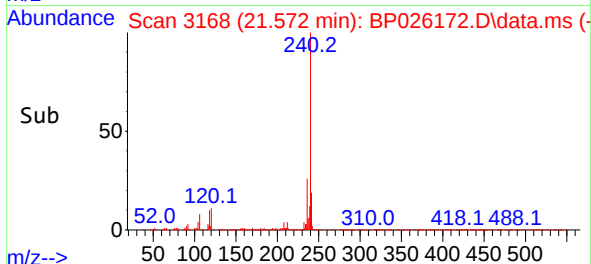
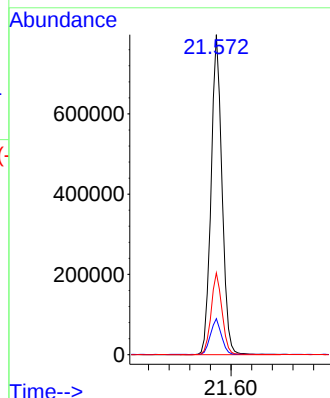
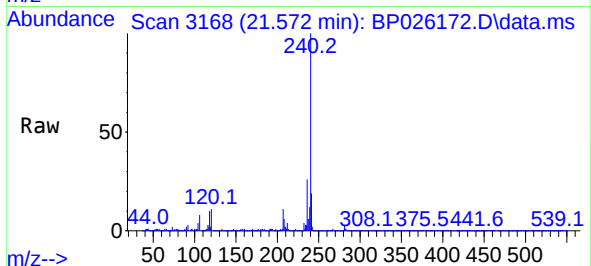




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

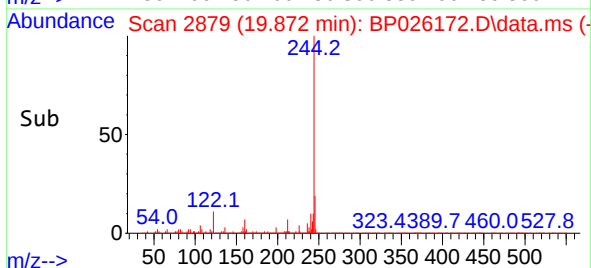
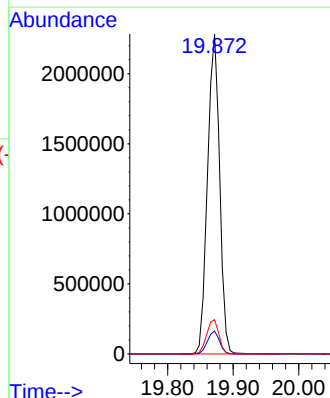
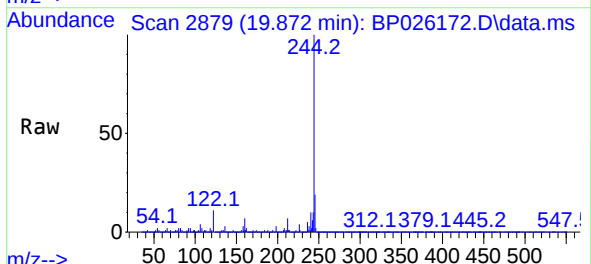
Instrument :
BNA_P
ClientSampleId :
2015

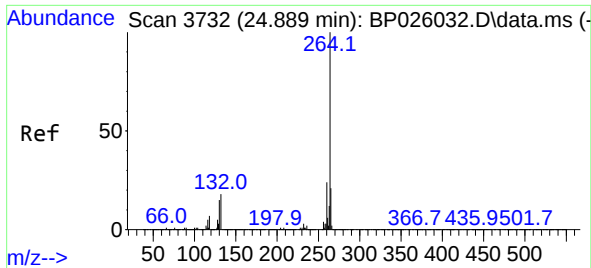
Tgt Ion:240 Resp: 1164560
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 25.6 20.4 30.6



#79
Terphenyl-d14
Concen: 51.347 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

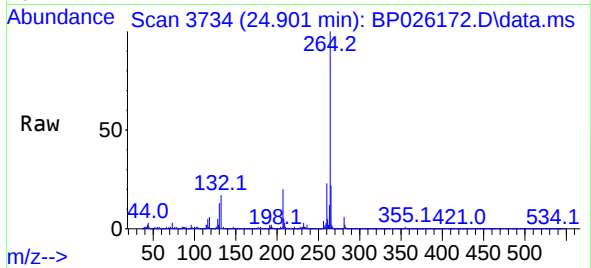
Tgt Ion:244 Resp: 2932569
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026172.D
Acq: 20 Nov 2025 13:13

Instrument :
BNA_P
ClientSampleId :
2015



Tgt Ion:264 Resp: 1420615
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.8 17.5 26.3

