

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026014.D
 Acq On : 23 Oct 2025 01:24
 Operator : RC/JU
 Sample : Q3409-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXCAVATION-AREA-A

Quant Time: Oct 23 10:45:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	142549	20.000	ng	0.00
21) Naphthalene-d8	10.478	136	608577	20.000	ng	0.02
39) Acenaphthene-d10	14.325	164	441045	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	859662	20.000	ng	0.02
76) Chrysene-d12	21.577	240	607251	20.000	ng	0.00
86) Perylene-d12	24.918	264	667993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.349	112	312532	35.946	ng	0.01
7) Phenol-d6	6.925	99	538156	44.353	ng	0.02
23) Nitrobenzene-d5	8.860	82	375516	27.735	ng	0.01
42) 2,4,6-Tribromophenol	15.866	330	112863	19.009	ng	0.02
45) 2-Fluorobiphenyl	12.931	172	1072826	31.178	ng	0.00
79) Terphenyl-d14	19.848	244	1530348	40.276	ng	0.00

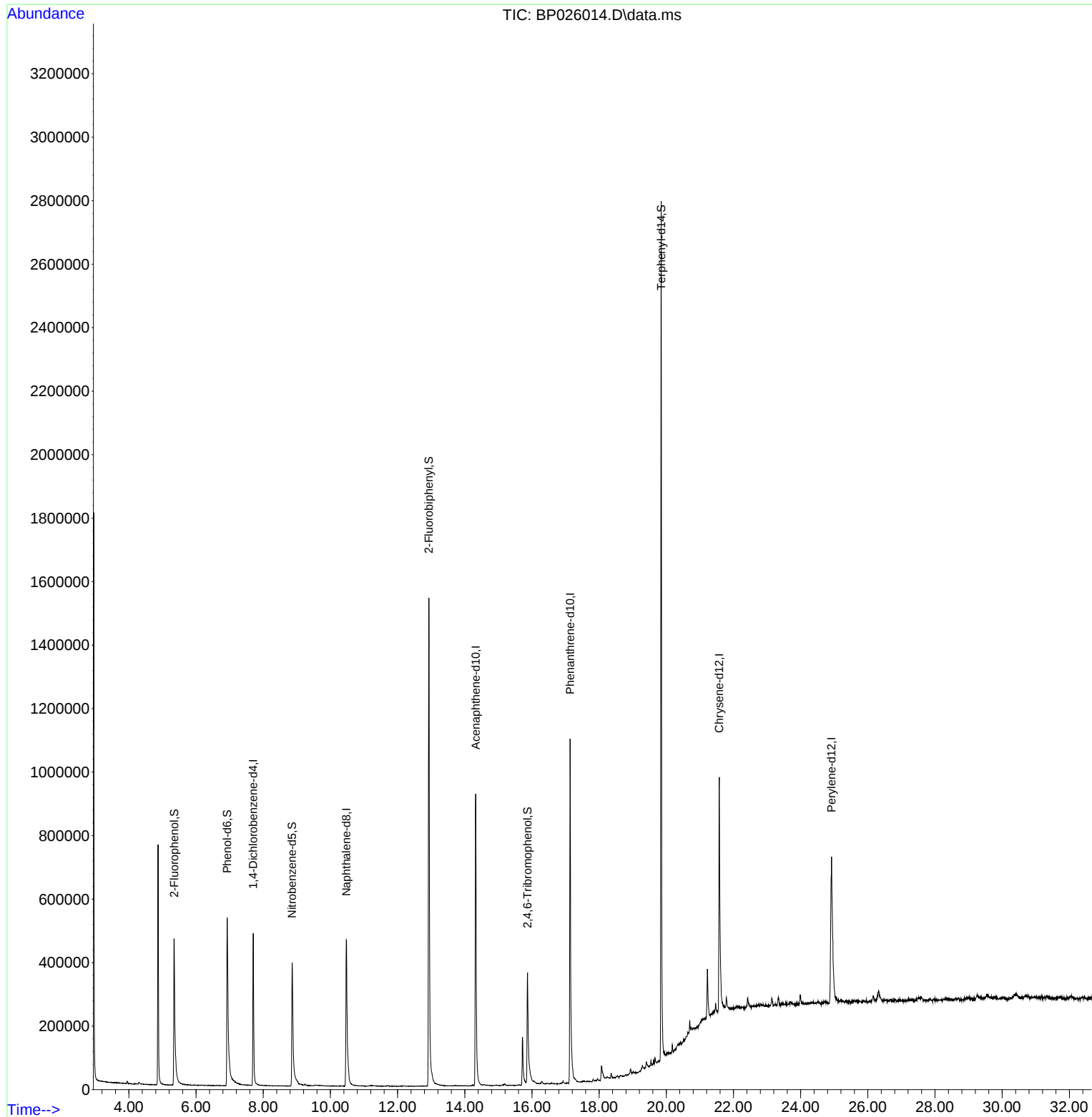
Target Compounds	Qvalue

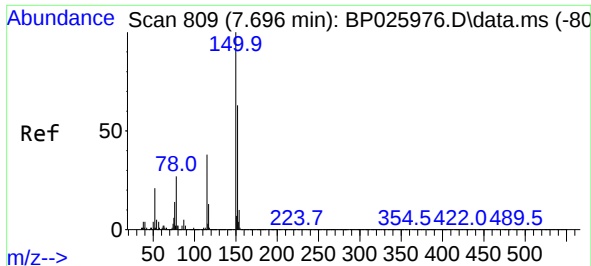
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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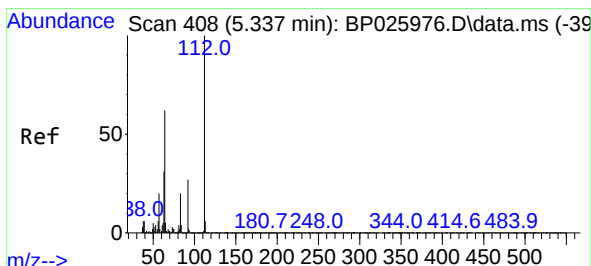
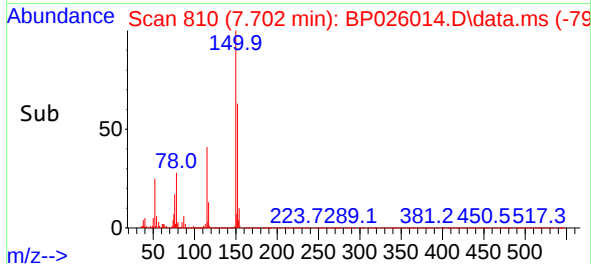
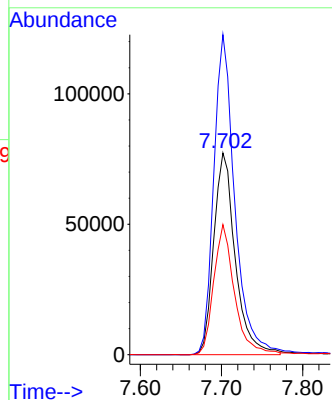
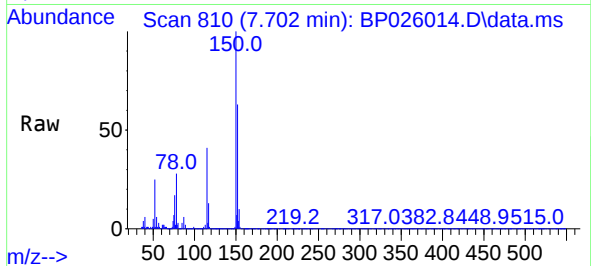




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.702 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

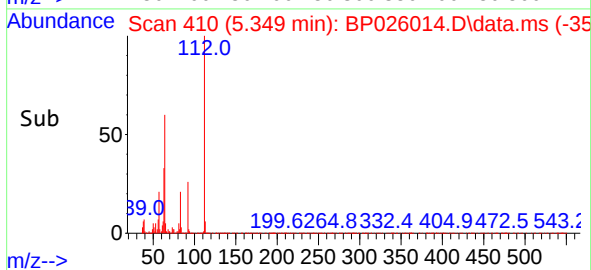
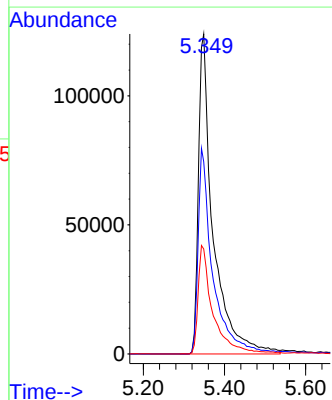
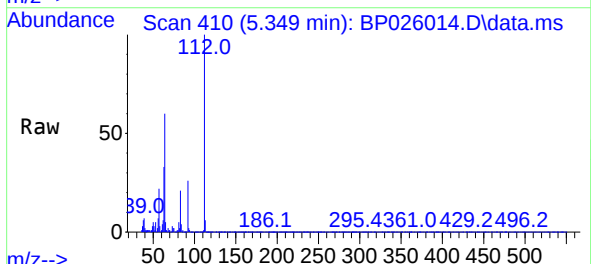
Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-A

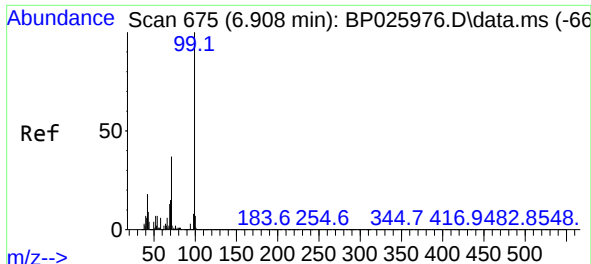
Tgt Ion:152 Resp: 142549
Ion Ratio Lower Upper
152 100
150 158.6 127.3 190.9
115 64.5 48.7 73.1



#5
2-Fluorophenol
Concen: 35.946 ng
RT: 5.349 min Scan# 410
Delta R.T. 0.012 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

Tgt Ion:112 Resp: 312532
Ion Ratio Lower Upper
112 100
64 60.1 49.9 74.9
63 32.8 24.9 37.3

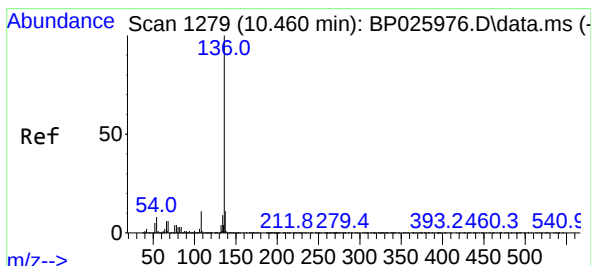
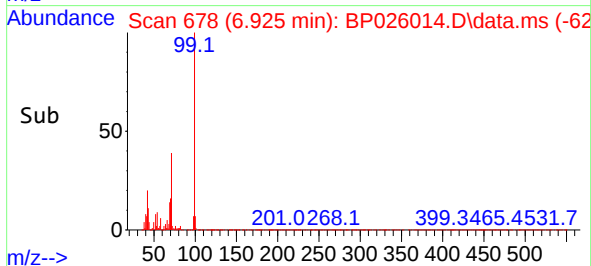
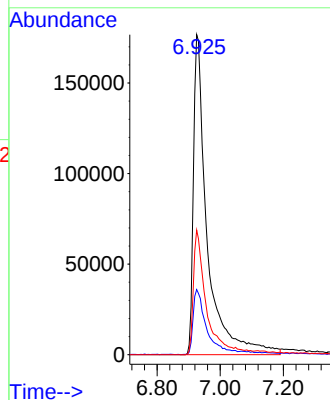
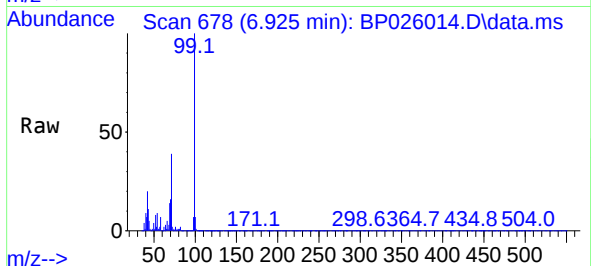




#7
Phenol-d6
Concen: 44.353 ng
RT: 6.925 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

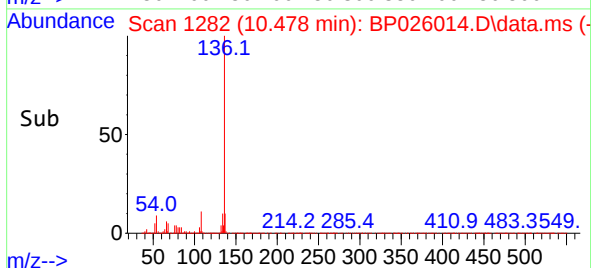
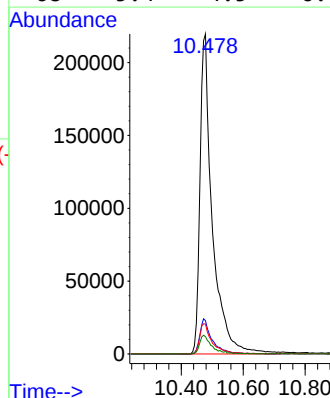
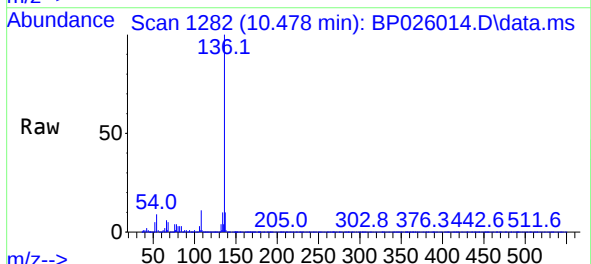
Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-A

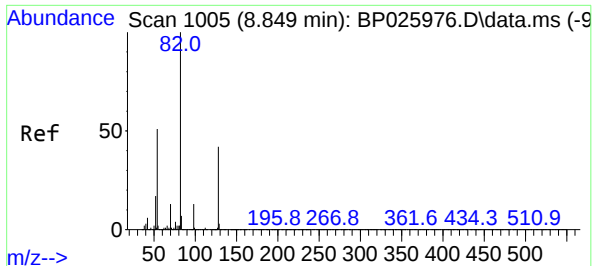
Tgt Ion: 99 Resp: 538156
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 38.9 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.478 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

Tgt Ion:136 Resp: 608577
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.3 6.8 10.2
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 27.735 ng

RT: 8.860 min Scan# 1007

Delta R.T. 0.012 min

Lab File: BP026014.D

Acq: 23 Oct 2025 01:24

Instrument :

BNA_P

ClientSampleId :

EXCAVATION-AREA-A

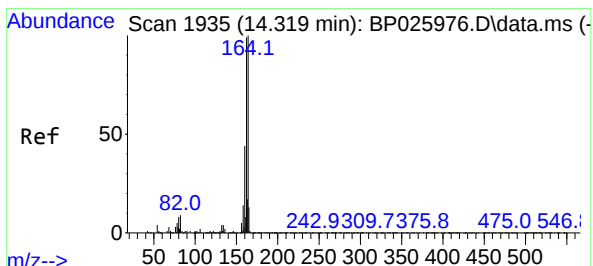
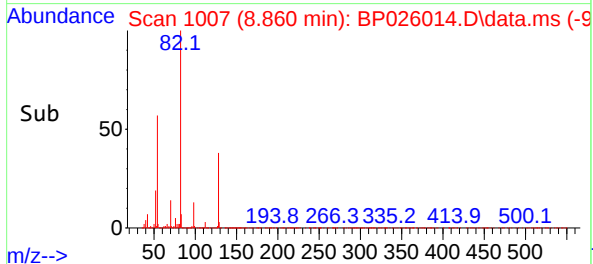
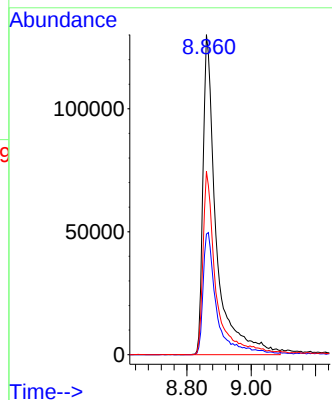
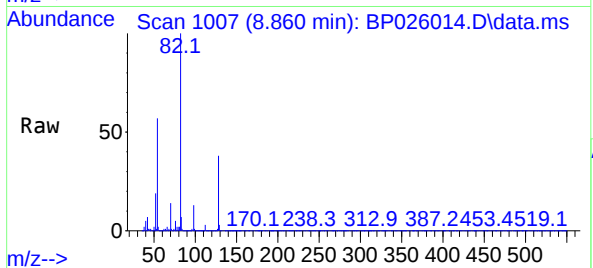
Tgt Ion: 82 Resp: 375516

Ion Ratio Lower Upper

82 100

128 37.7 33.6 50.4

54 57.2 40.6 61.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.325 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP026014.D

Acq: 23 Oct 2025 01:24

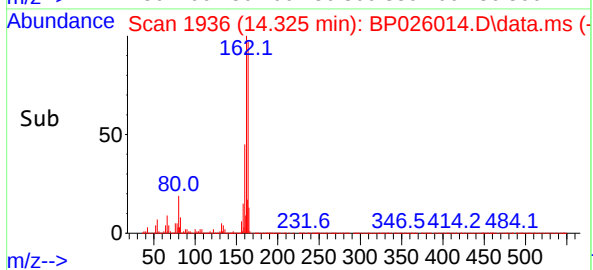
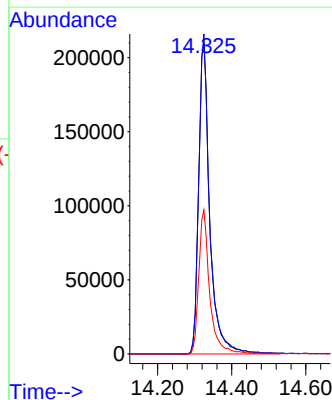
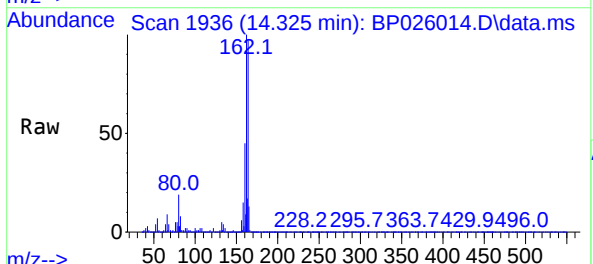
Tgt Ion: 164 Resp: 441045

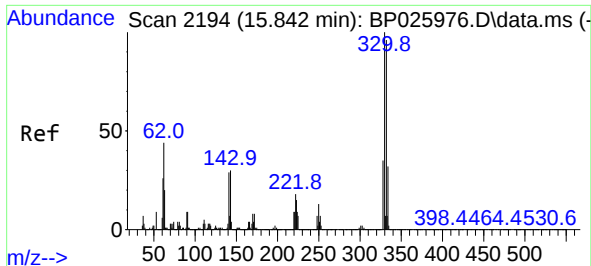
Ion Ratio Lower Upper

164 100

162 102.8 79.3 118.9

160 46.3 35.4 53.0

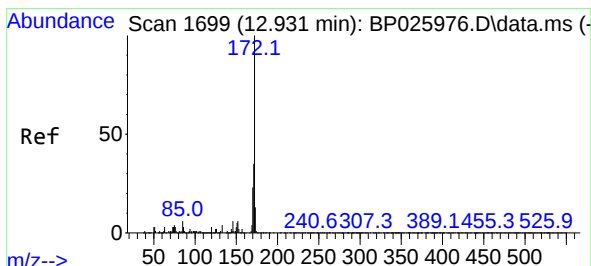
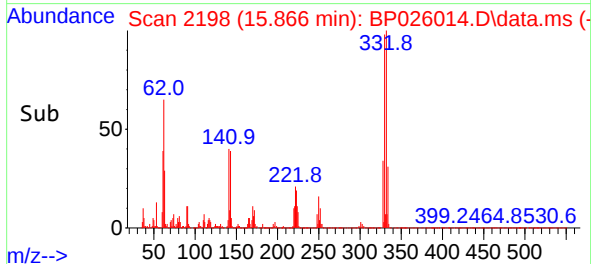
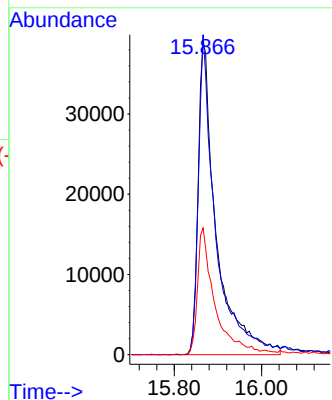
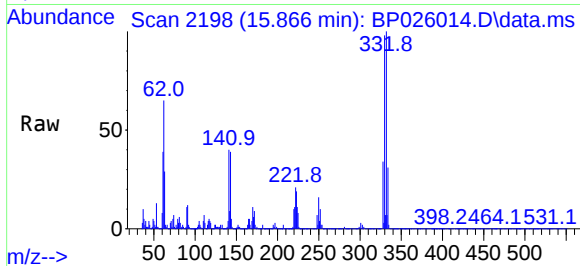




#42
2,4,6-Tribromophenol
Concen: 19.009 ng
RT: 15.866 min Scan# 2198
Delta R.T. 0.024 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

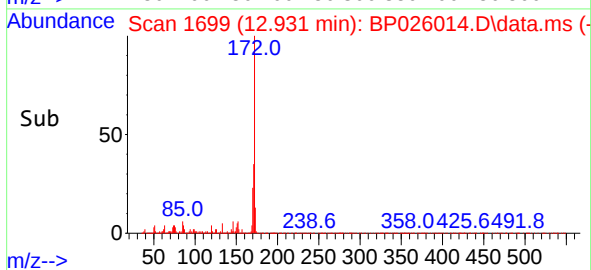
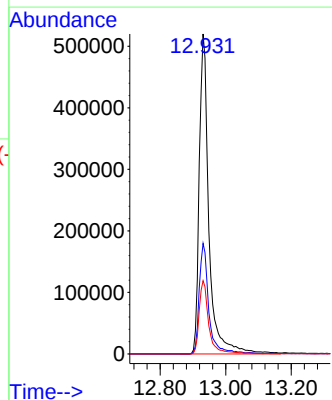
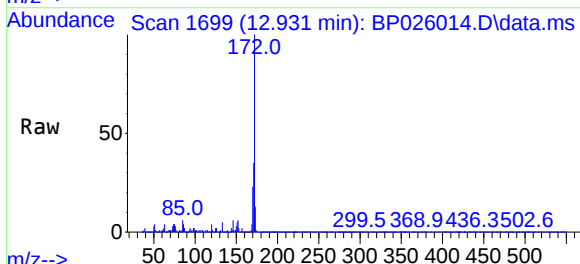
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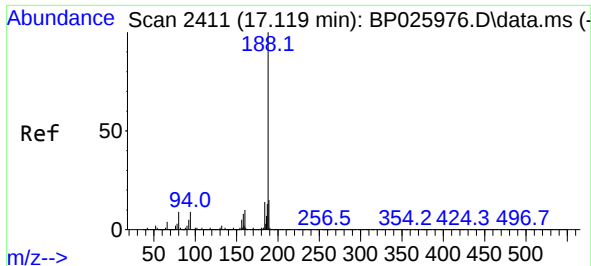
Tgt Ion:330 Resp: 112863
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 38.2 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 31.178 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

Tgt Ion:172 Resp: 1072826
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 22.9 18.5 27.7

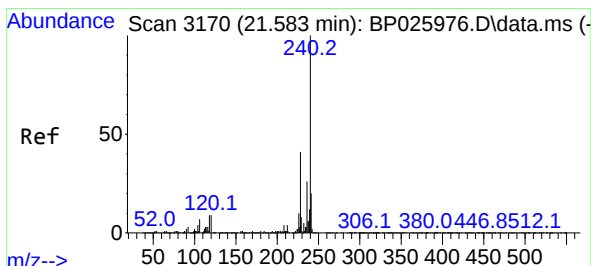
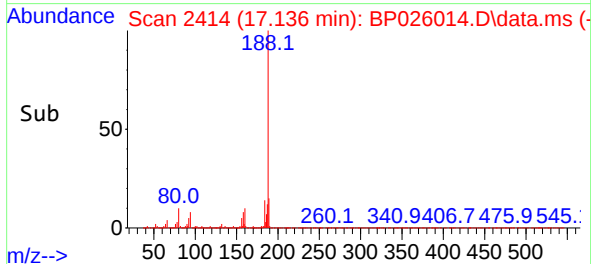
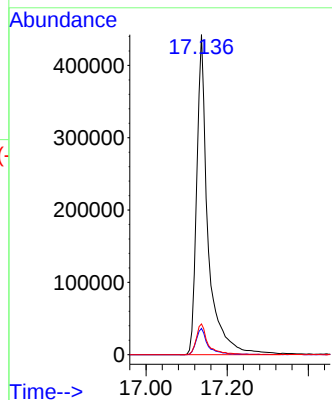
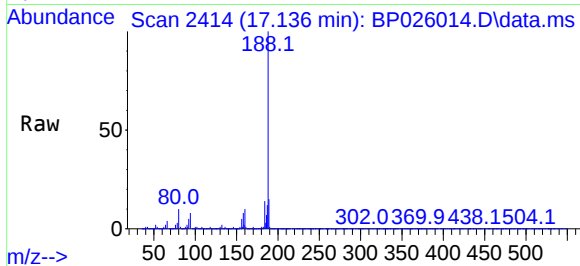




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

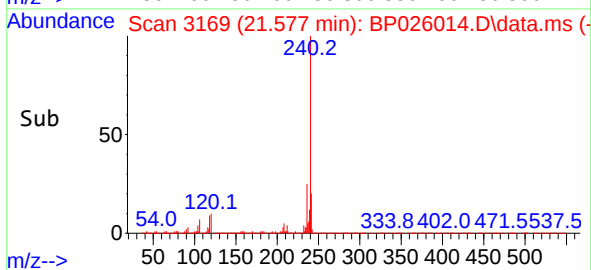
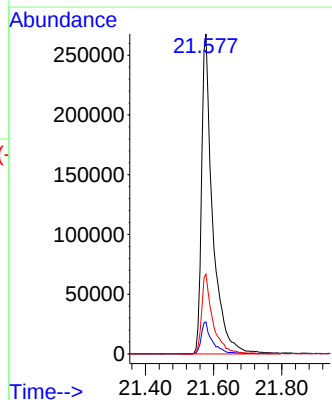
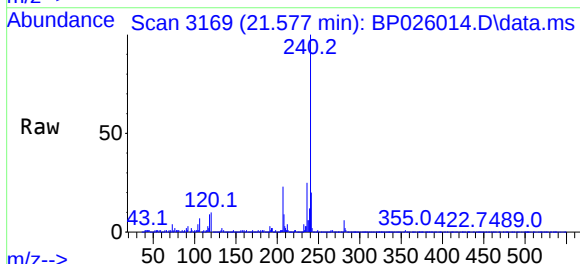
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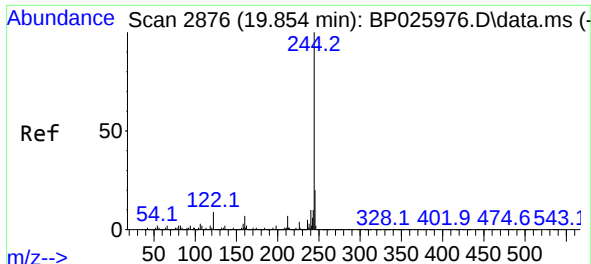
Tgt Ion:188 Resp: 859662
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP026014.D
Acq: 23 Oct 2025 01:24

Tgt Ion:240 Resp: 607251
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 24.9 20.4 30.6

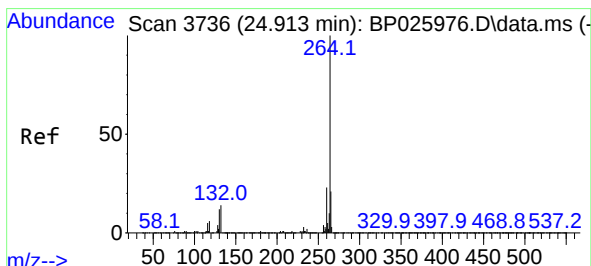
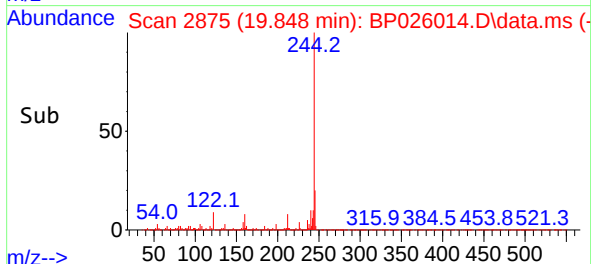
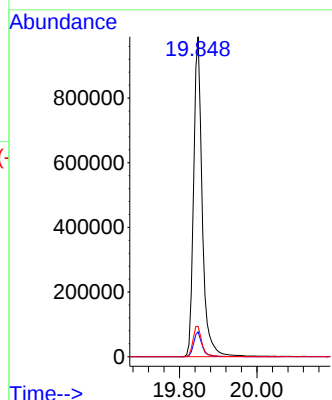
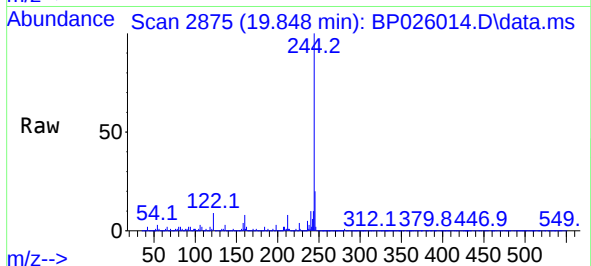




#79
 Terphenyl-d14
 Concen: 40.276 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026014.D
 Acq: 23 Oct 2025 01:24

Instrument :
 BNA_P
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Tgt Ion:244 Resp: 1530348
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.918 min Scan# 3737
 Delta R.T. 0.006 min
 Lab File: BP026014.D
 Acq: 23 Oct 2025 01:24

Tgt Ion:264 Resp: 667993
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 23.3 17.7 26.5

