

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026009.D
 Acq On : 22 Oct 2025 22:01
 Operator : RC/JU
 Sample : Q3402-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41-LA

Quant Time: Oct 23 10:41:47 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	7.696	152	151487	20.000	ng	0.00
21) Naphthalene-d8	10.472	136	621868	20.000	ng	0.01
39) Acenaphthene-d10	14.319	164	458996	20.000	ng	0.00
64) Phenanthrene-d10	17.130	188	935009	20.000	ng	0.01
76) Chrysene-d12	21.589	240	673816	20.000	ng	0.00
86) Perylene-d12	24.930	264	571862	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1218016	131.825	ng	0.00
7) Phenol-d6	6.913	99	1522372	118.066	ng	0.00
23) Nitrobenzene-d5	8.848	82	1101105	79.587	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	746207	120.762	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2556324	71.385	ng	0.00
79) Terphenyl-d14	19.854	244	3832315	90.896	ng	0.00

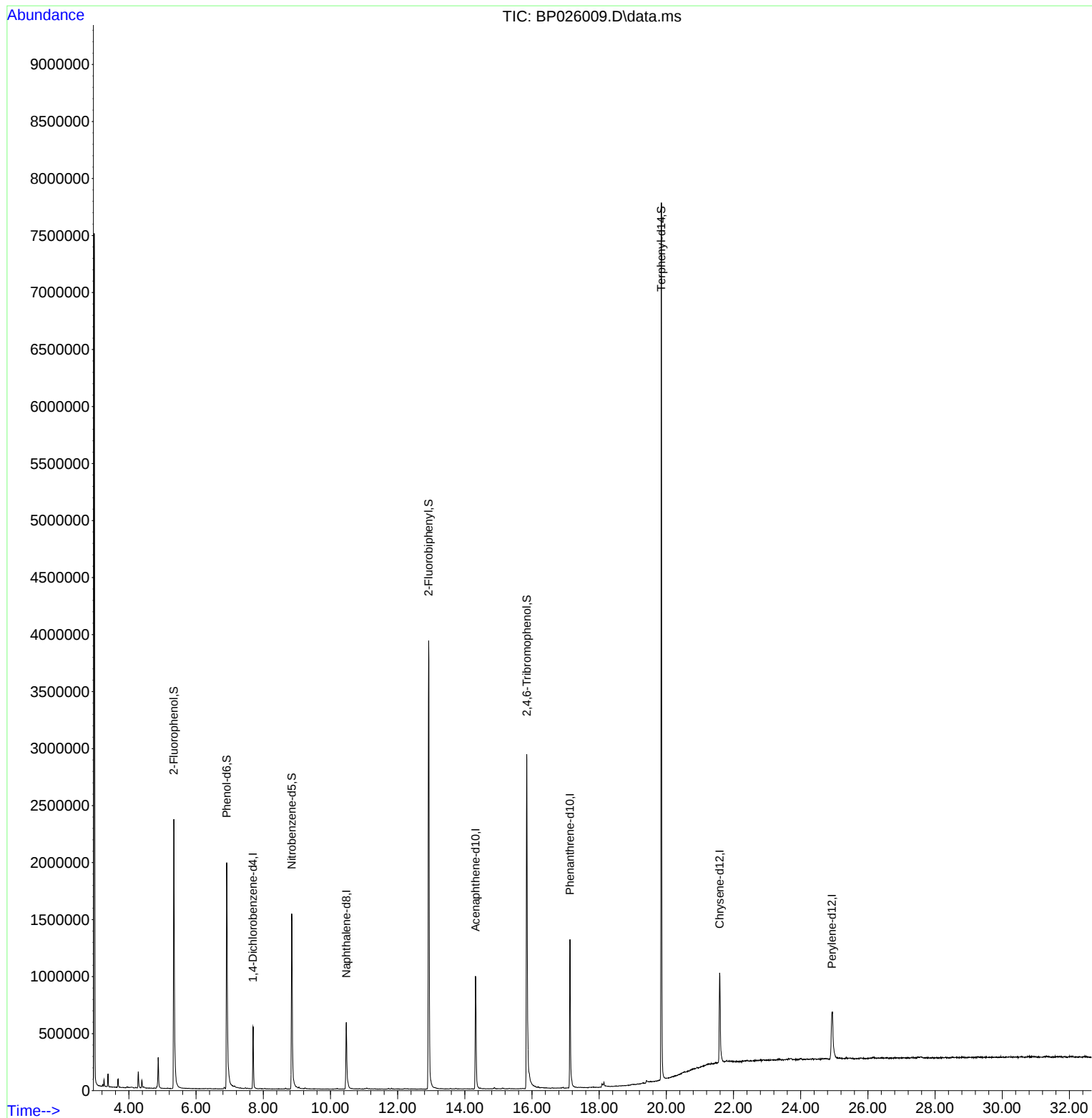
Target Compounds	Qvalue

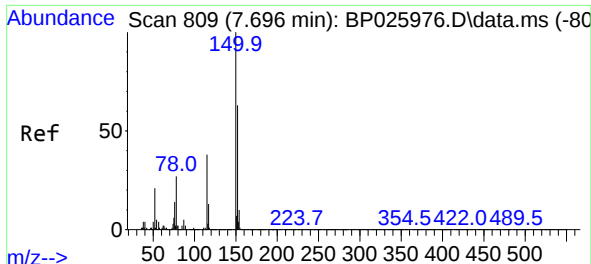
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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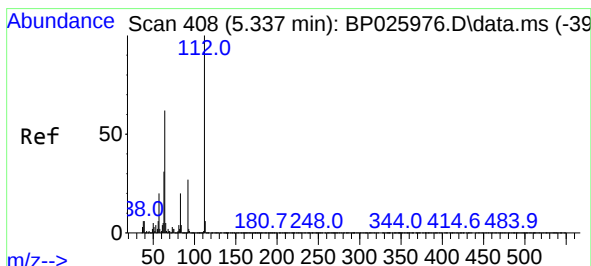
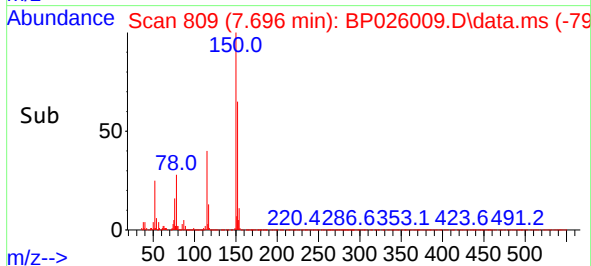
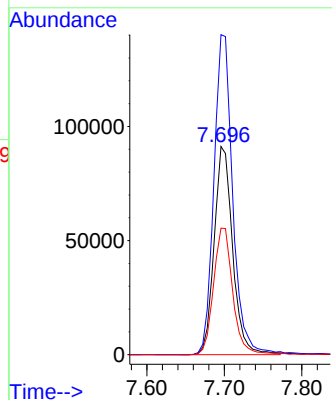
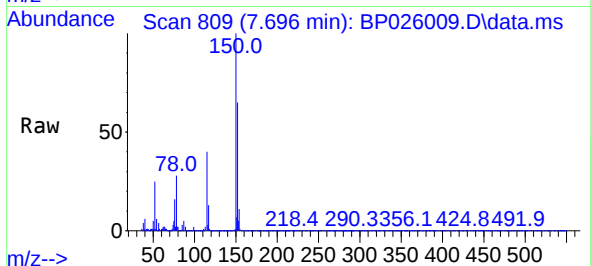




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

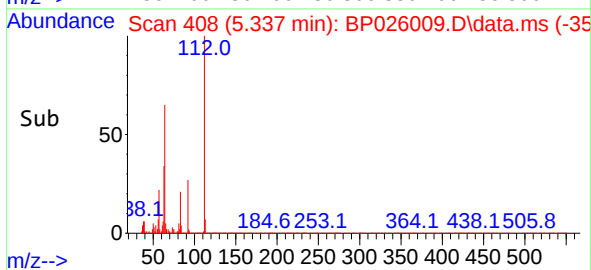
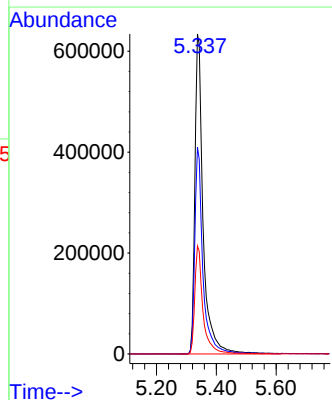
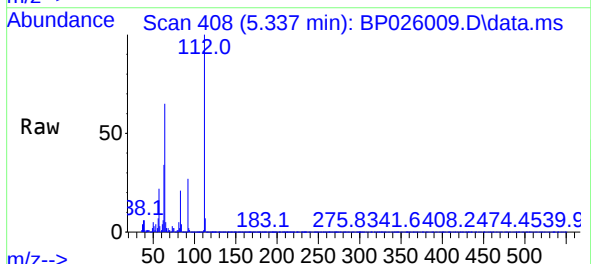
Instrument :
BNA_P
ClientSampleId :
41-LA

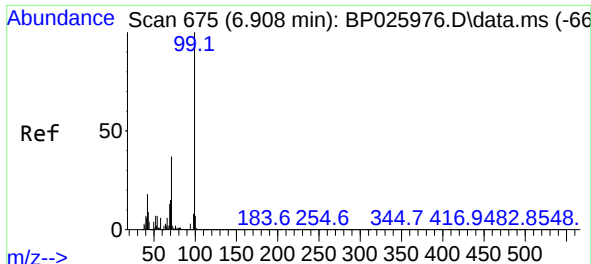
Tgt Ion:152 Resp: 151487
Ion Ratio Lower Upper
152 100
150 153.8 127.3 190.9
115 60.8 48.7 73.1



#5
2-Fluorophenol
Concen: 131.825 ng
RT: 5.337 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

Tgt Ion:112 Resp: 1218016
Ion Ratio Lower Upper
112 100
64 64.6 49.9 74.9
63 33.8 24.9 37.3

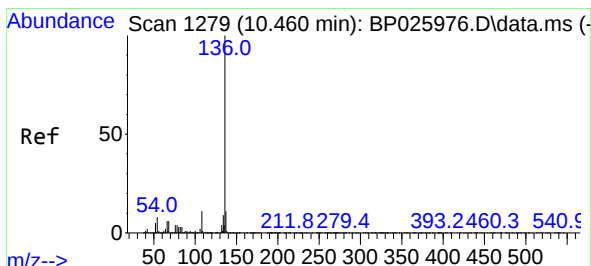
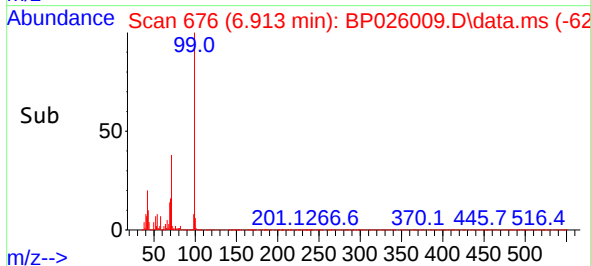
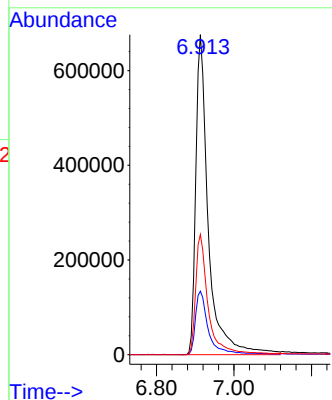
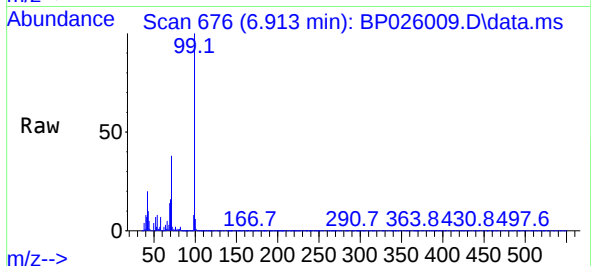




#7
Phenol-d6
Concen: 118.066 ng
RT: 6.913 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

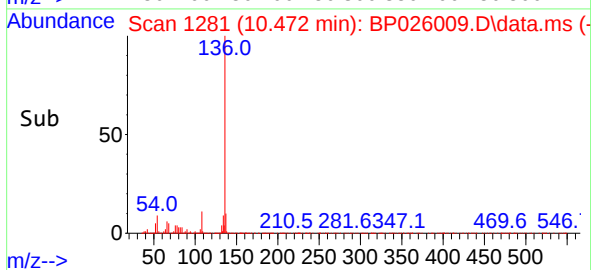
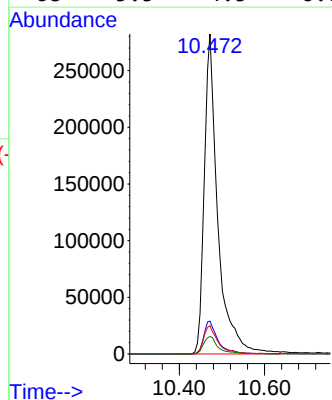
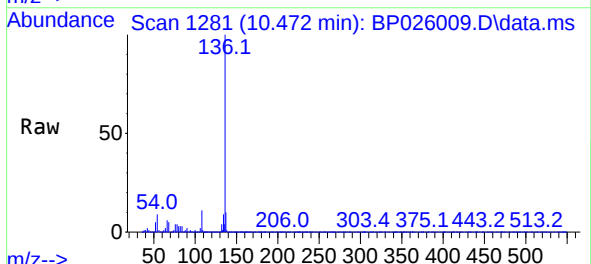
Instrument :
BNA_P
ClientSampleId :
41-LA

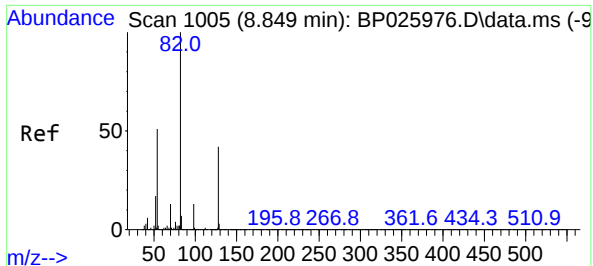
Tgt Ion: 99 Resp: 1522372
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 37.6 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.472 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

Tgt Ion:136 Resp: 621868
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 8.8 6.8 10.2
68 5.5 4.5 6.7

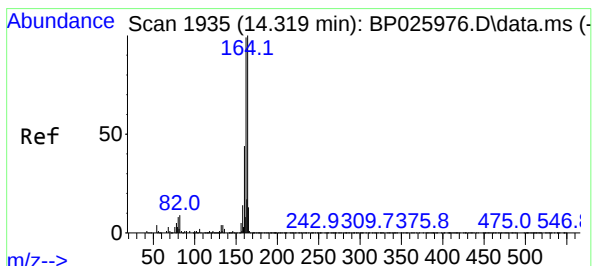
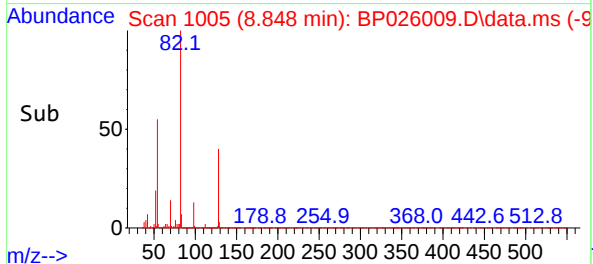
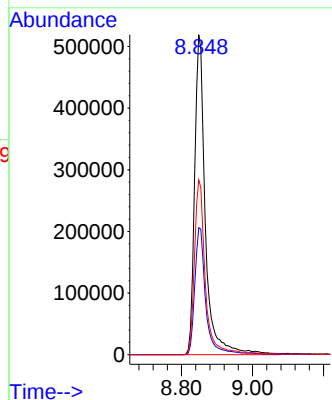
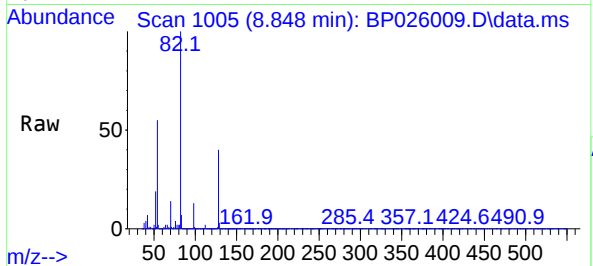




#23
Nitrobenzene-d5
Concen: 79.587 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

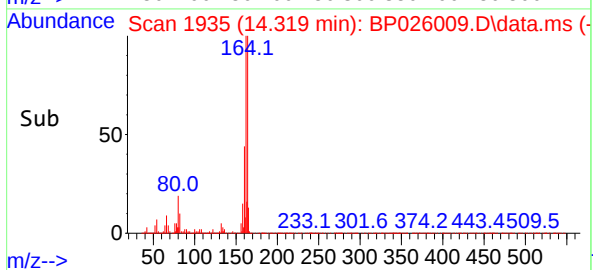
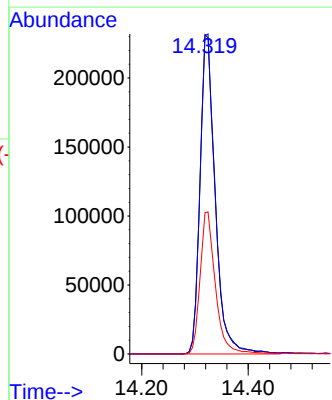
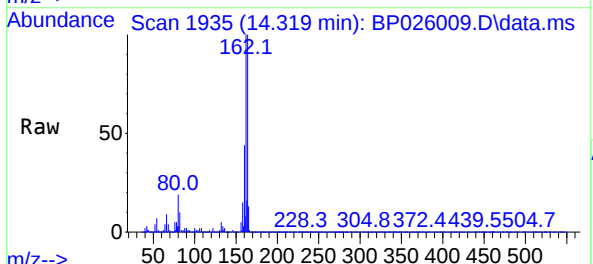
Instrument :
BNA_P
ClientSampleId :
41-LA

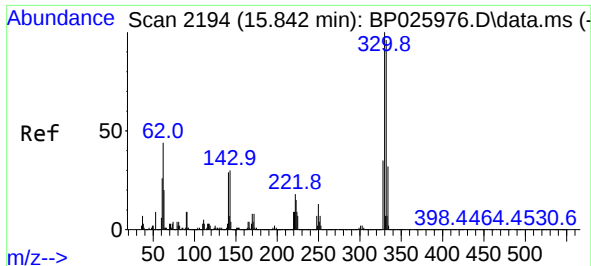
Tgt Ion: 82 Resp: 1101105
Ion Ratio Lower Upper
82 100
128 39.6 33.6 50.4
54 54.6 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

Tgt Ion: 164 Resp: 458996
Ion Ratio Lower Upper
164 100
162 99.7 79.3 118.9
160 44.2 35.4 53.0

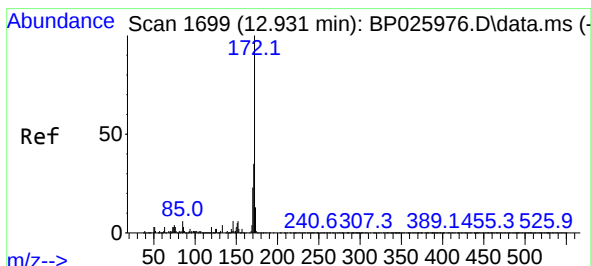
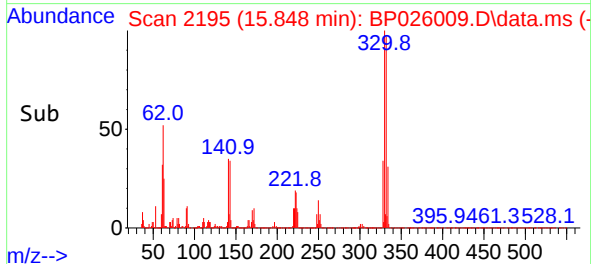
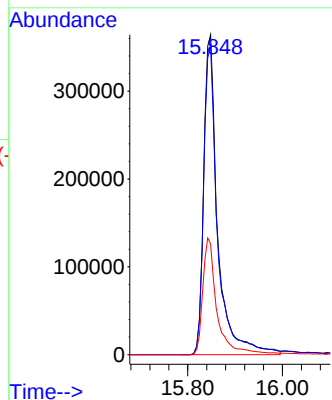
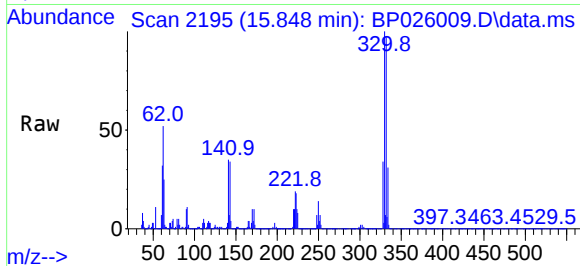




#42
2,4,6-Tribromophenol
Concen: 120.762 ng
RT: 15.848 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

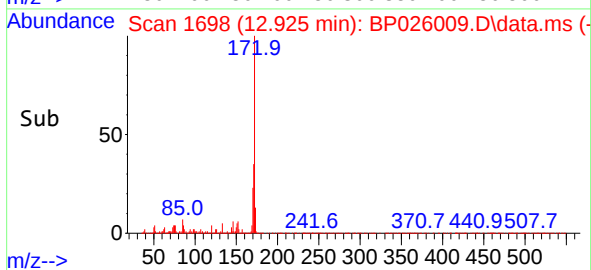
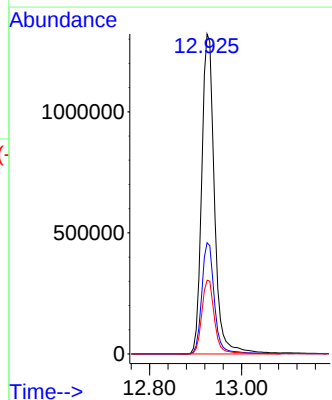
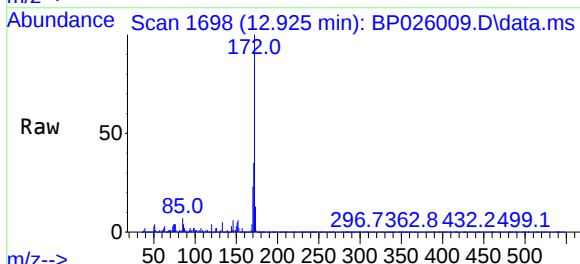
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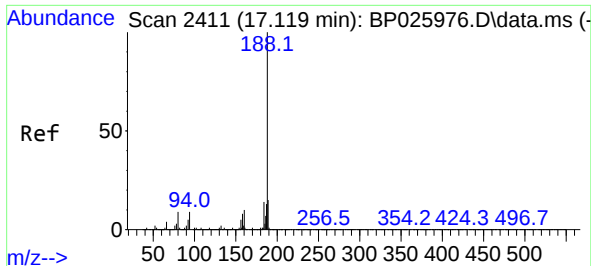
Tgt Ion:330 Resp: 746207
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 37.6 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 71.385 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

Tgt Ion:172 Resp: 2556324
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.0 18.5 27.7

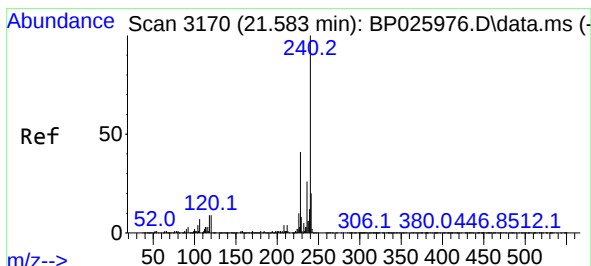
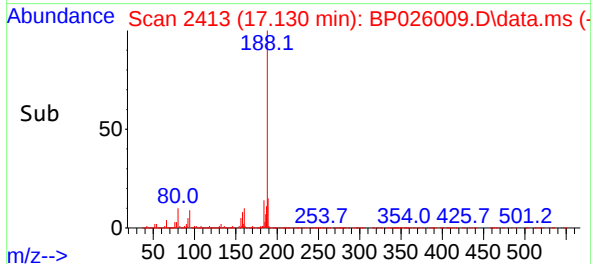
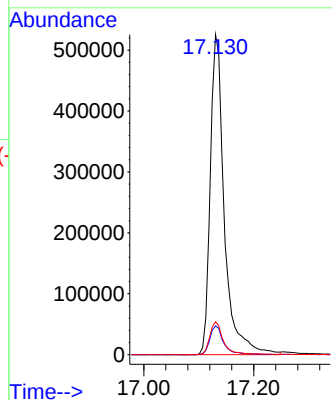
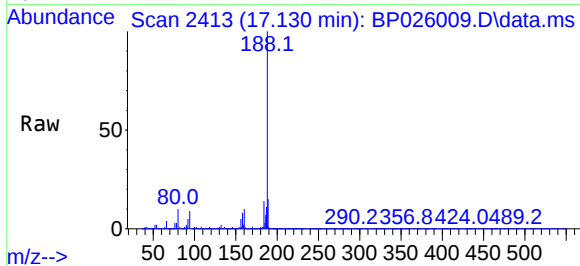




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

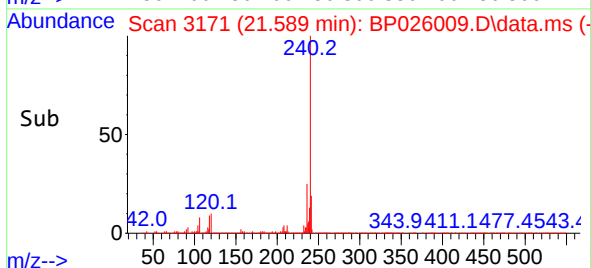
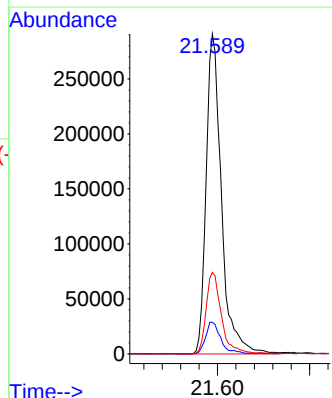
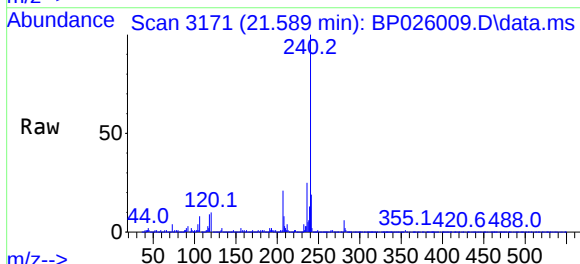
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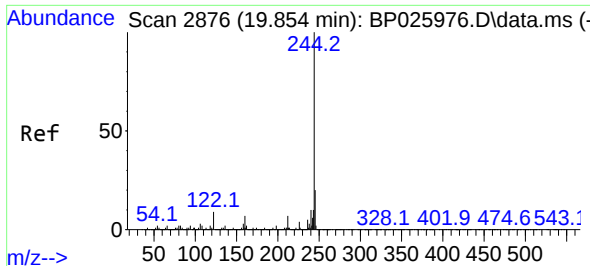
Tgt Ion:188 Resp: 935009
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 10.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.006 min
Lab File: BP026009.D
Acq: 22 Oct 2025 22:01

Tgt Ion:240 Resp: 673816
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.5 20.4 30.6



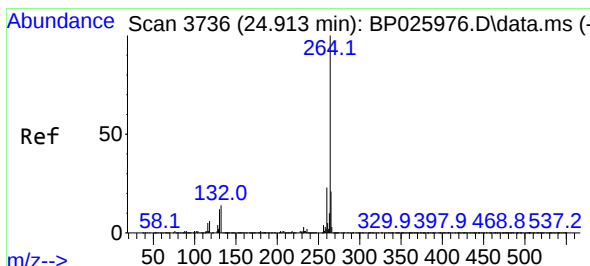
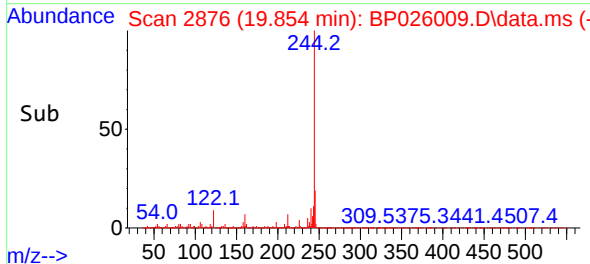
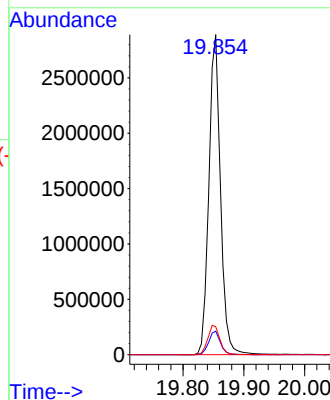
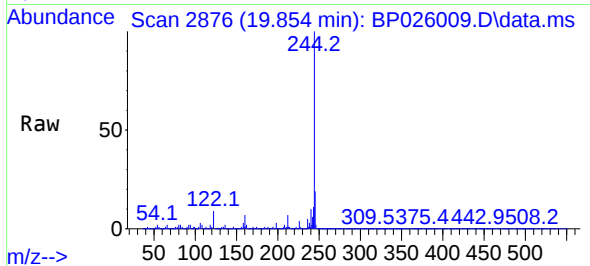


#79
 Terphenyl-d14
 Concen: 90.896 ng
 RT: 19.854 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP026009.D
 Acq: 22 Oct 2025 22:01

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3832315

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.7	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.930 min Scan# 3739
 Delta R.T. 0.017 min
 Lab File: BP026009.D
 Acq: 22 Oct 2025 22:01

Tgt Ion:264 Resp: 571862

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	23.1	17.7	26.5

