

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025545.D
 Acq On : 22 Aug 2025 12:06
 Operator : CG/JU
 Sample : PB169346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169346BL

Quant Time: Aug 22 12:26:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	162815	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	618451	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	382343	20.000	ng	-0.01
64) Phenanthrene-d10	17.184	188	783997	20.000	ng	#-0.02
76) Chrysene-d12	21.619	240	925257	20.000	ng	-0.03
86) Perylene-d12	24.983	264	1092159	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1212678	123.692	ng	-0.01
7) Phenol-d6	6.955	99	1498710	119.233	ng	-0.01
23) Nitrobenzene-d5	8.913	82	952657	77.922	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	625648	121.571	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	2113774	75.557	ng	-0.01
79) Terphenyl-d14	19.919	244	3649135	72.157	ng	0.00

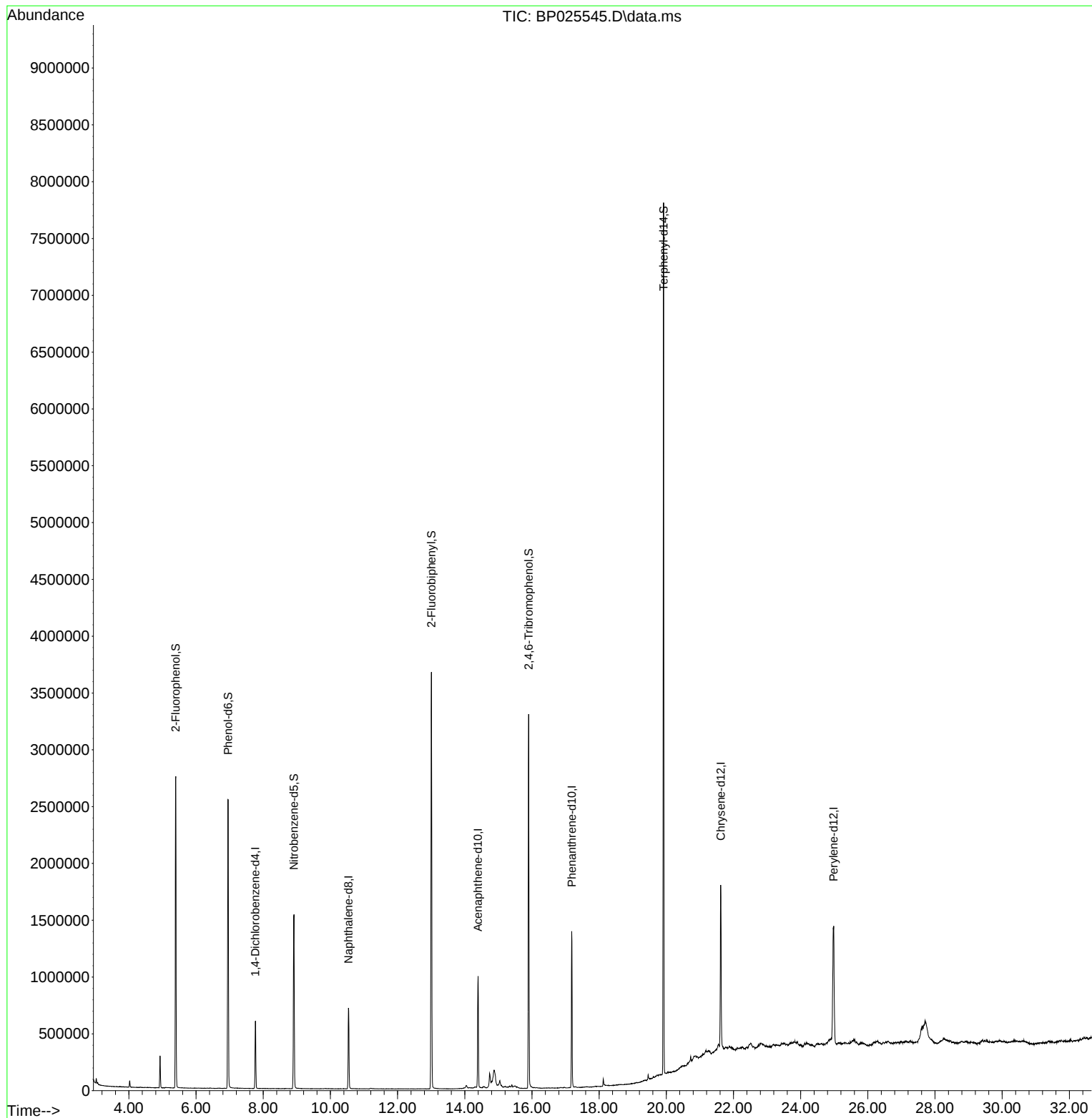
Target Compounds	Qvalue

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

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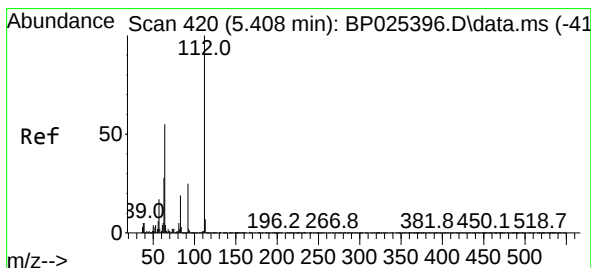
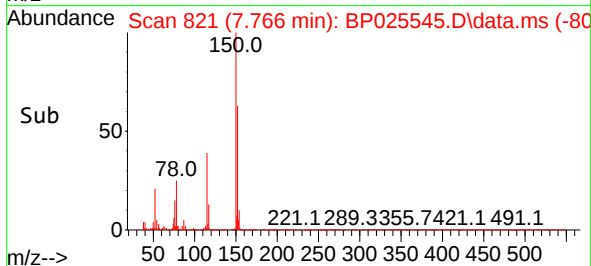
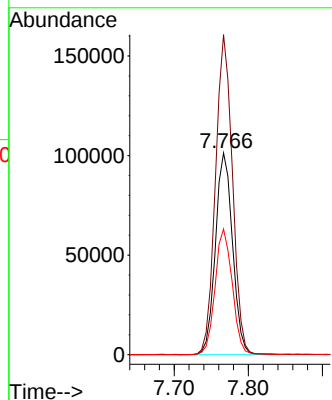
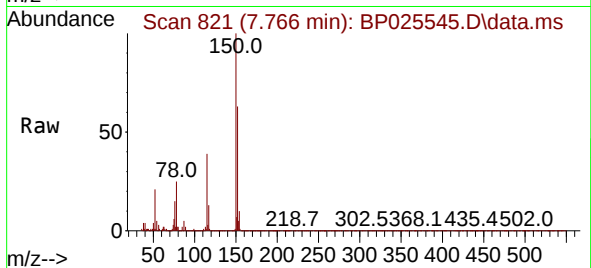




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

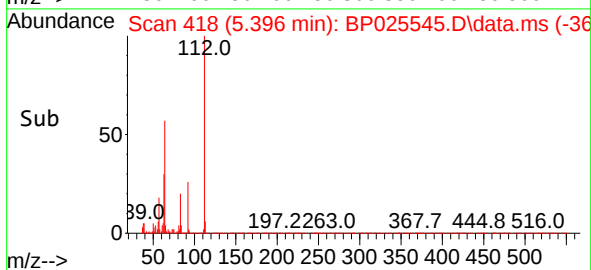
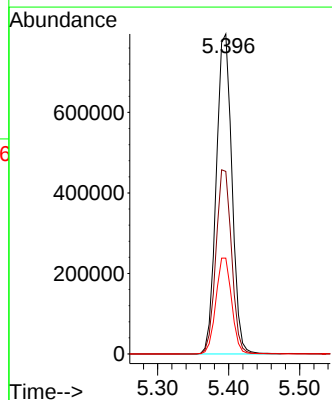
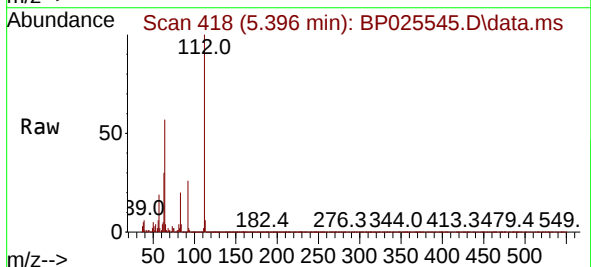
Instrument :
BNA_P
ClientSampleId :
PB169346BL

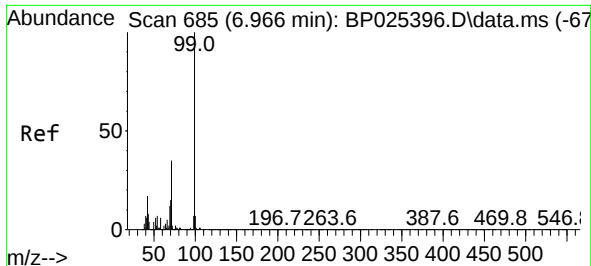
Tgt Ion:152 Resp: 162815
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 62.3 48.5 72.7



#5
2-Fluorophenol
Concen: 123.692 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

Tgt Ion:112 Resp: 1212678
Ion Ratio Lower Upper
112 100
64 57.1 43.8 65.8
63 29.9 22.7 34.1

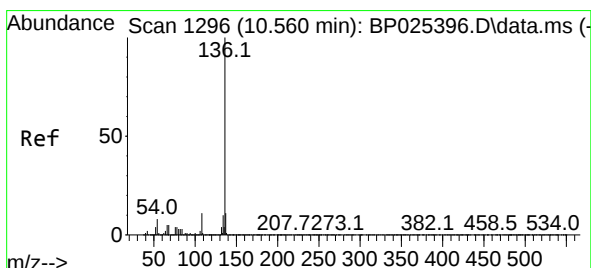
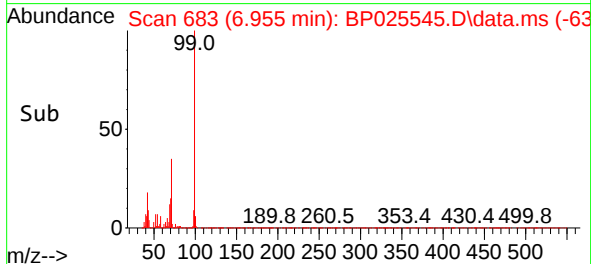
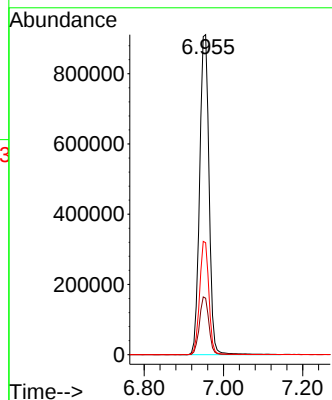
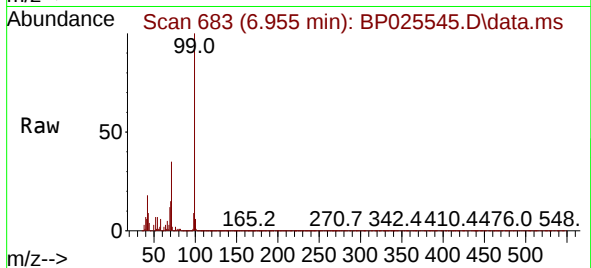




#7
Phenol-d6
Concen: 119.233 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

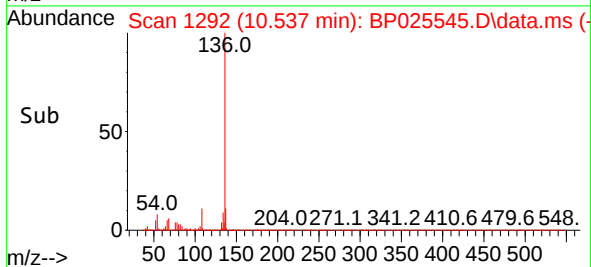
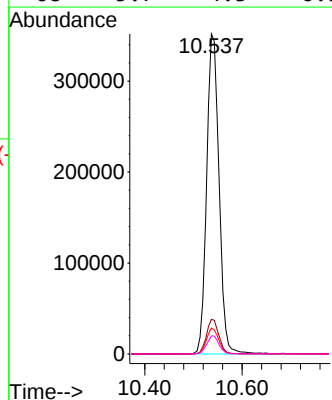
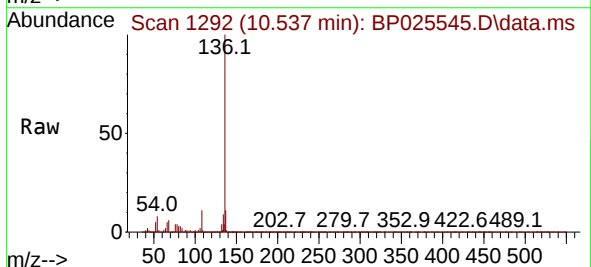
Instrument :
BNA_P
ClientSampleId :
PB169346BL

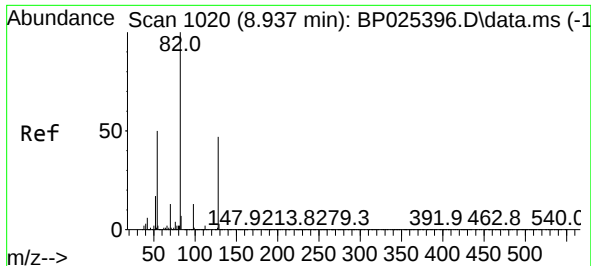
Tgt Ion: 99 Resp: 1498710
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.023 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

Tgt Ion: 136 Resp: 618451
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.1 6.0 9.0
68 5.7 4.3 6.5

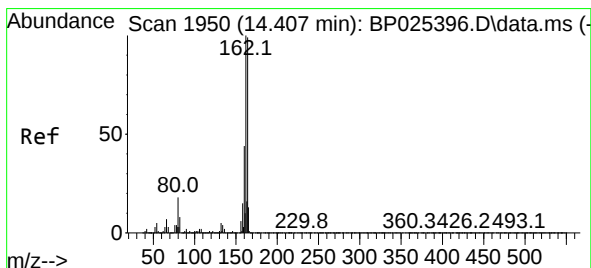
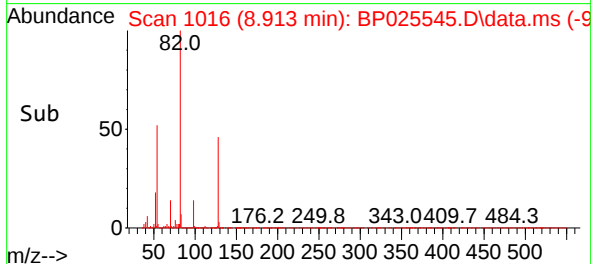
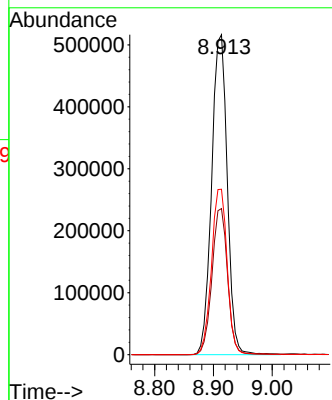
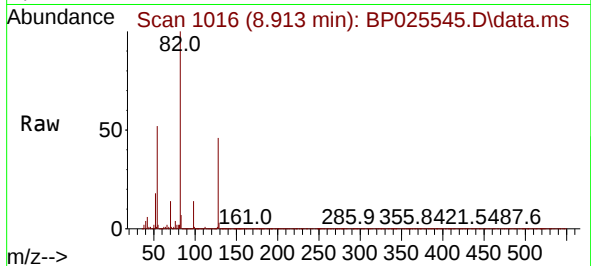




#23
Nitrobenzene-d5
Concen: 77.922 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

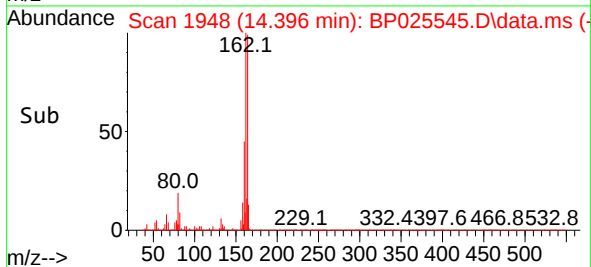
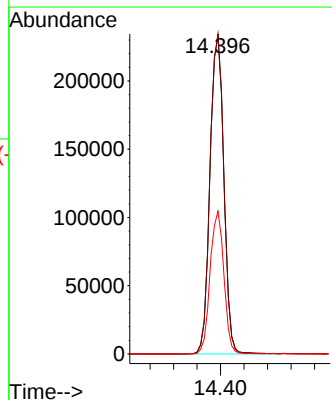
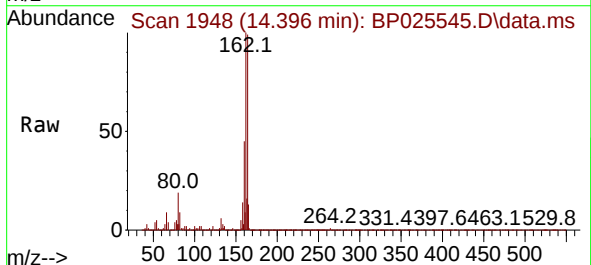
Instrument :
BNA_P
ClientSampleId :
PB169346BL

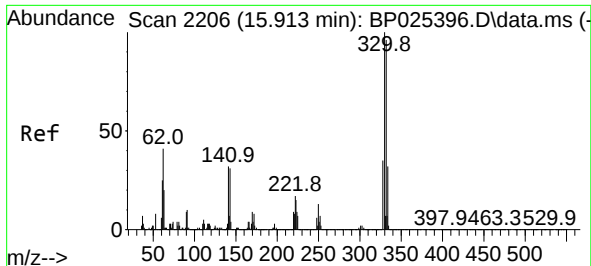
Tgt Ion: 82 Resp: 952657
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 51.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

Tgt Ion:164 Resp: 382343
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 45.0 35.4 53.2

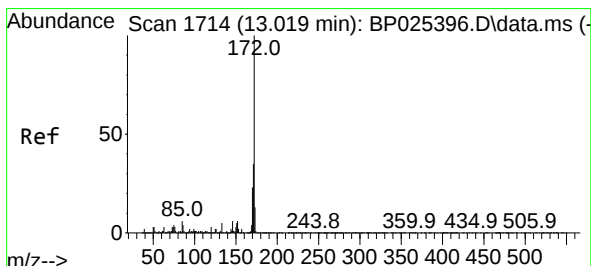
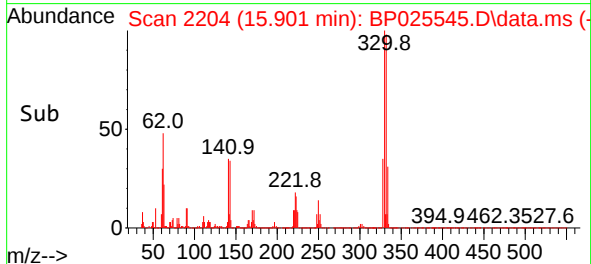
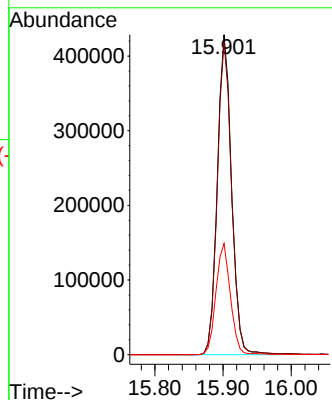
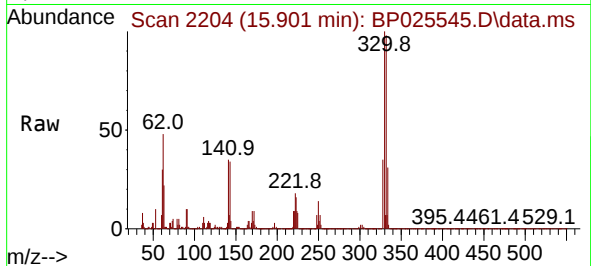




#42
2,4,6-Tribromophenol
Concen: 121.571 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

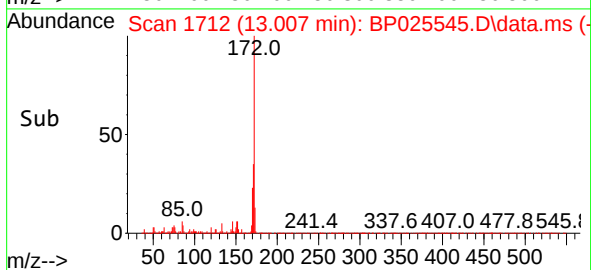
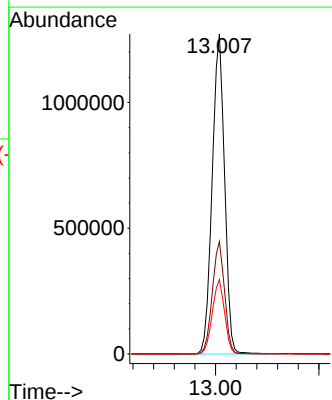
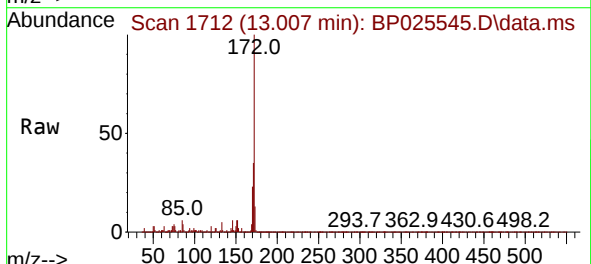
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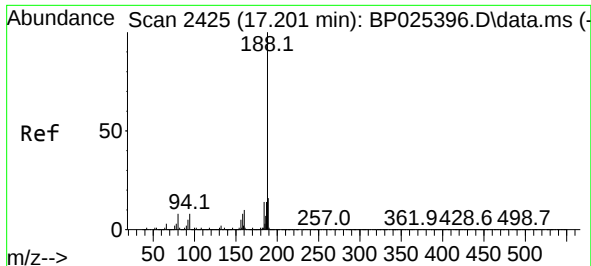
Tgt Ion:330 Resp: 625648
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 75.557 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

Tgt Ion:172 Resp: 2113774
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 28.0

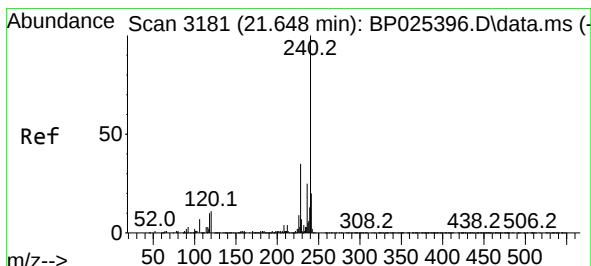
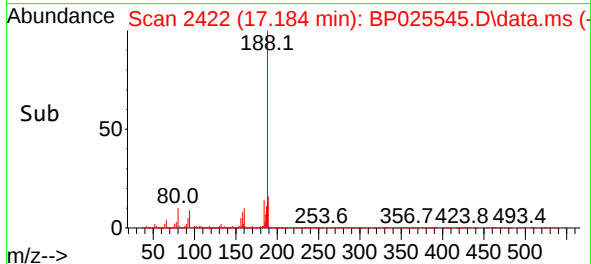
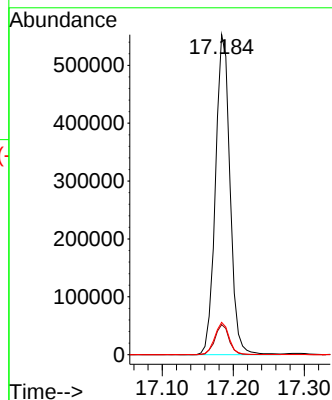
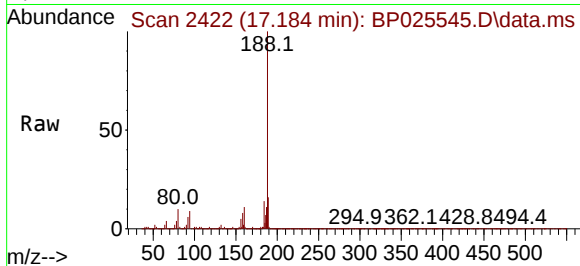




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2425
Delta R.T. -0.017 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

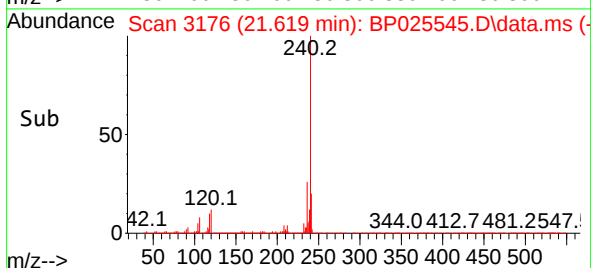
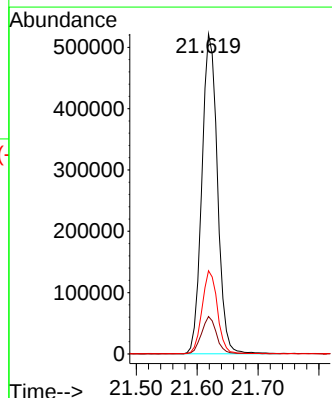
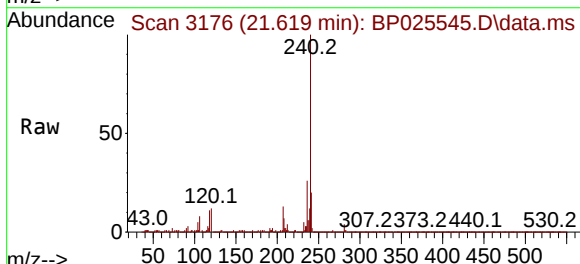
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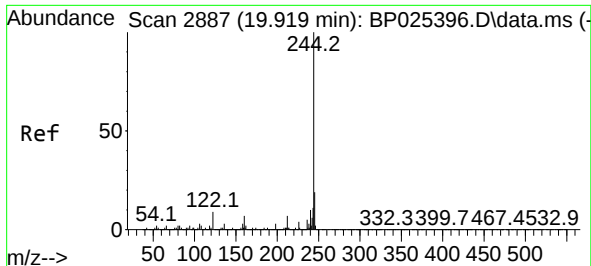
Tgt Ion:188 Resp: 783997
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 10.1 6.7 10.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.029 min
Lab File: BP025545.D
Acq: 22 Aug 2025 12:06

Tgt Ion:240 Resp: 925257
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.0 19.8 29.8

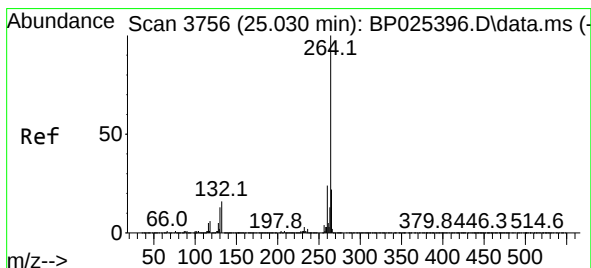
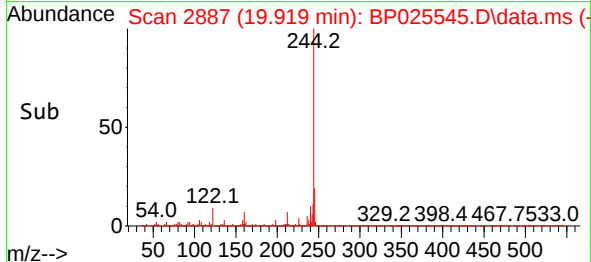
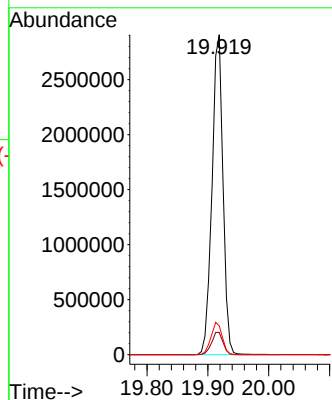
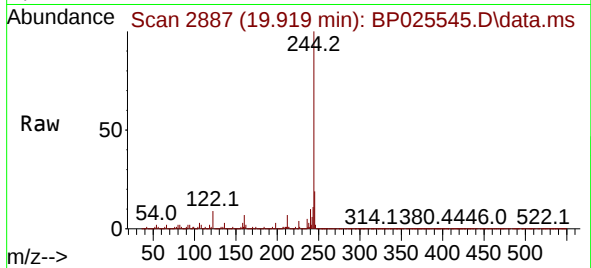




#79
 Terphenyl-d14
 Concen: 72.157 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025545.D
 Acq: 22 Aug 2025 12:06

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 3649135
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.0 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 3748
 Delta R.T. -0.047 min
 Lab File: BP025545.D
 Acq: 22 Aug 2025 12:06

Tgt Ion:264 Resp: 1092159
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 22.5 17.4 26.0

