

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025846.D
 Acq On : 24 Sep 2025 15:23
 Operator : CG/JU
 Sample : Q3133-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222

Quant Time: Sep 24 15:44:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	135555	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	560183	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	380681	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	899843	20.000	ng	0.00
76) Chrysene-d12	21.624	240	975824	20.000	ng	-0.02
86) Perylene-d12	24.989	264	980025	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1046922	124.618	ng	0.00
7) Phenol-d6	6.949	99	1218642	109.133	ng	0.00
23) Nitrobenzene-d5	8.890	82	945494	74.452	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	681539	143.535	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2129639	74.488	ng	-0.01
79) Terphenyl-d14	19.895	244	4403170	81.175	ng	-0.02

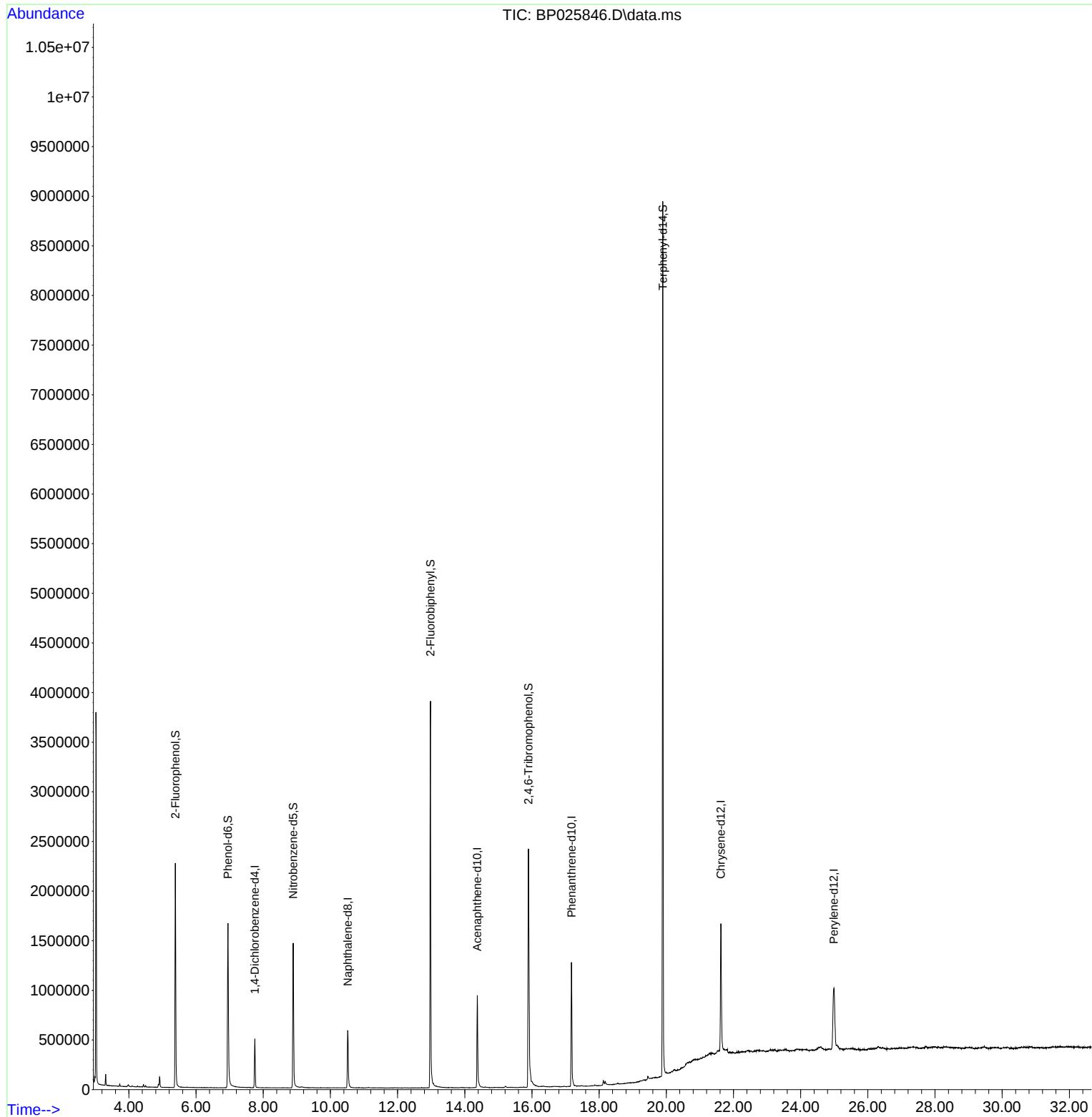
Target Compounds	Qvalue

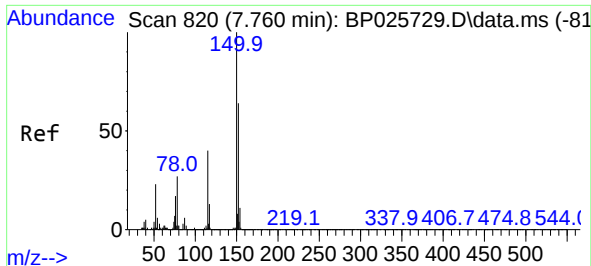
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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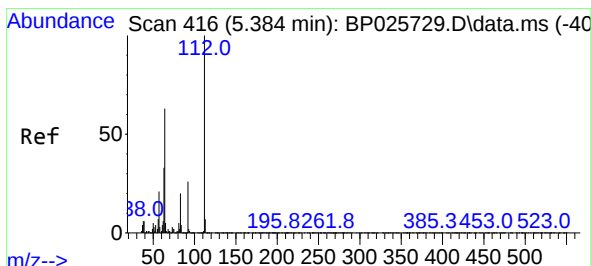
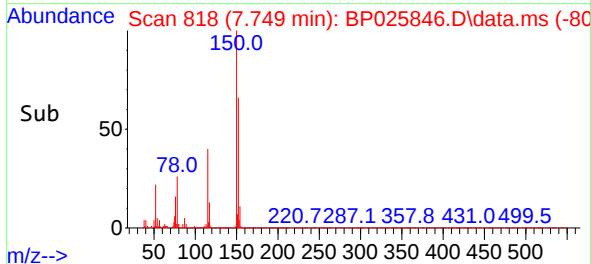
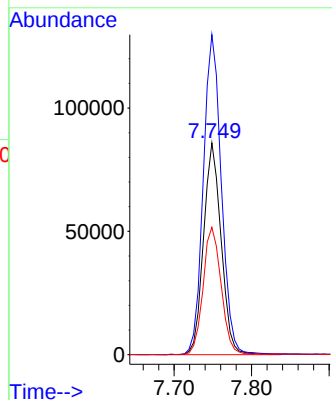
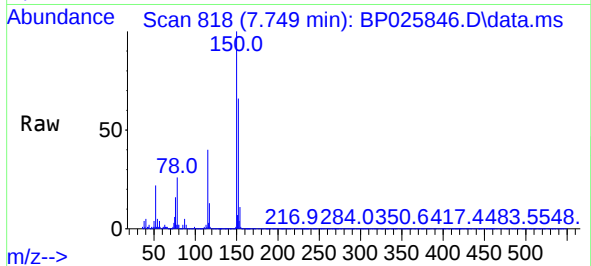




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

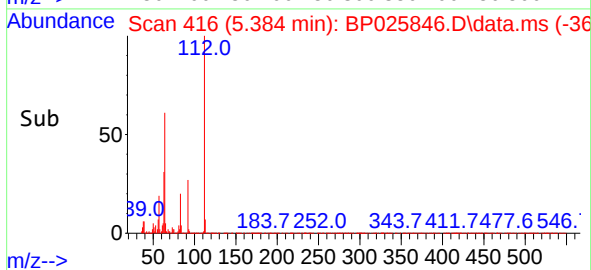
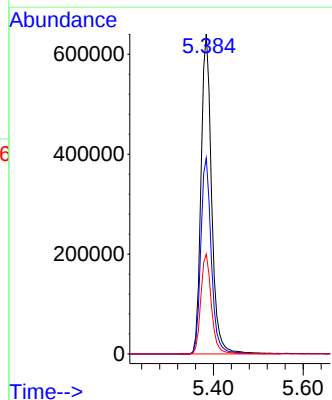
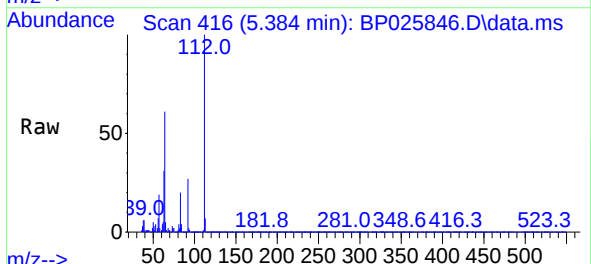
Instrument :
BNA_P
ClientSampleId :
VNJ-222

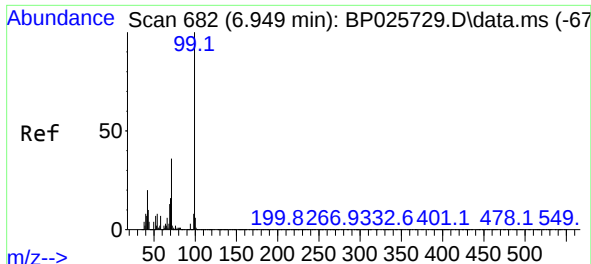
Tgt Ion:152 Resp: 135555
Ion Ratio Lower Upper
152 100
150 151.0 124.3 186.5
115 60.1 50.3 75.5



#5
2-Fluorophenol
Concen: 124.618 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:112 Resp: 1046922
Ion Ratio Lower Upper
112 100
64 61.2 50.2 75.4
63 31.2 26.7 40.1

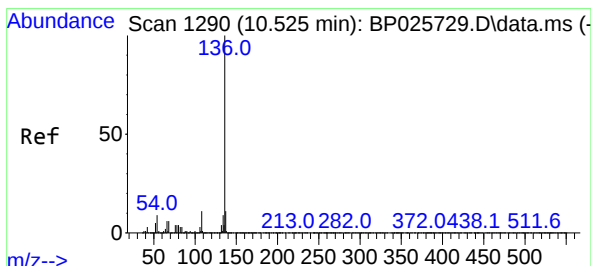
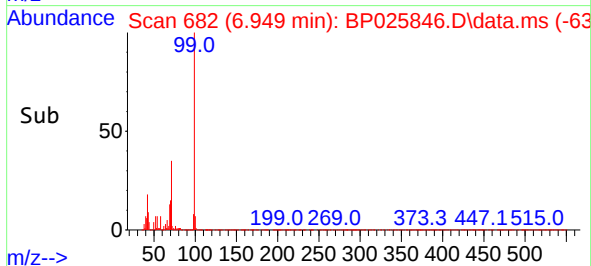
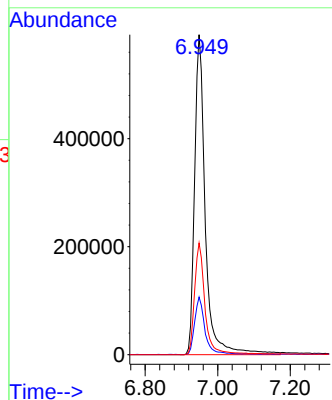
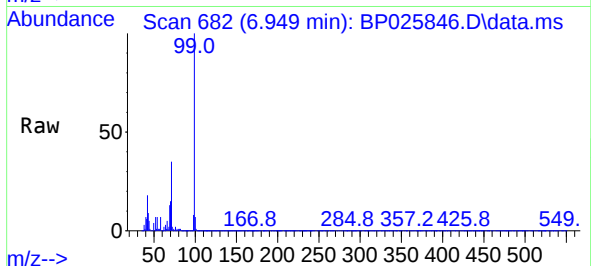




#7
Phenol-d6
Concen: 109.133 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

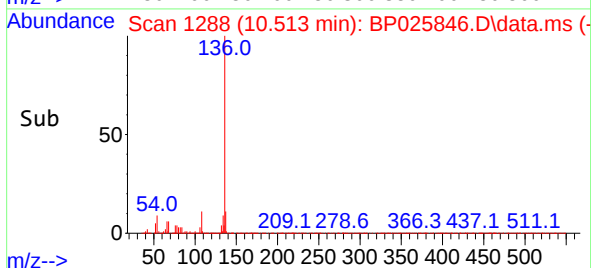
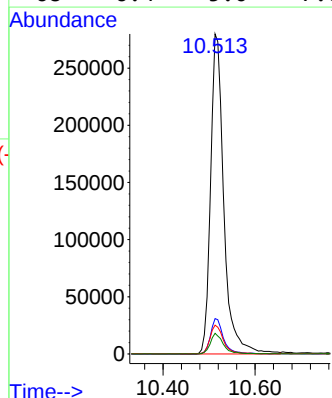
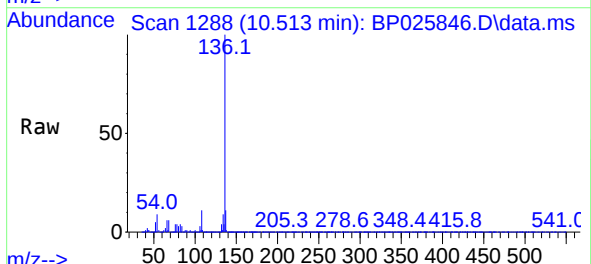
Instrument :
BNA_P
ClientSampleId :
VNJ-222

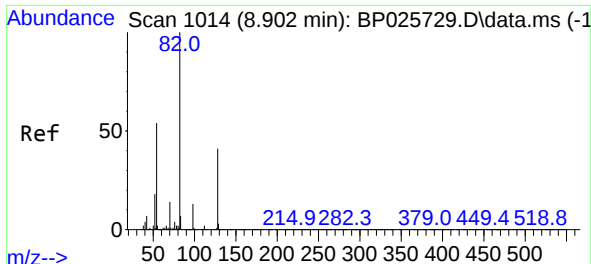
Tgt Ion: 99 Resp: 1218642
Ion Ratio Lower Upper
99 100
42 18.0 15.6 23.4
71 34.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:136 Resp: 560183
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.0 7.5 11.3
68 6.4 5.0 7.6

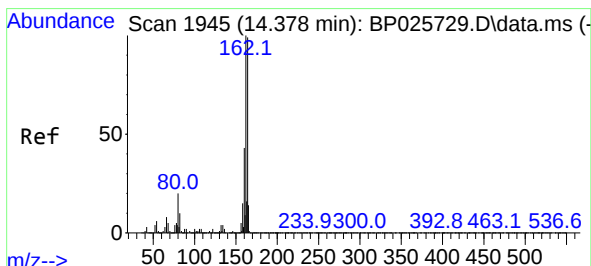
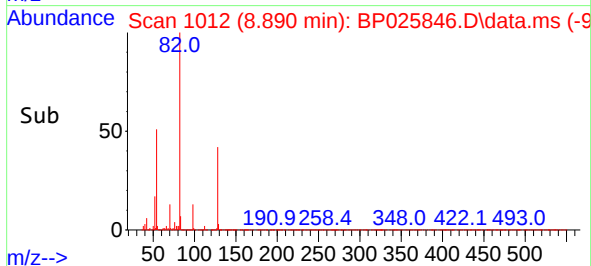
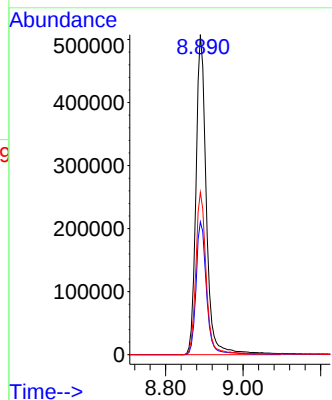
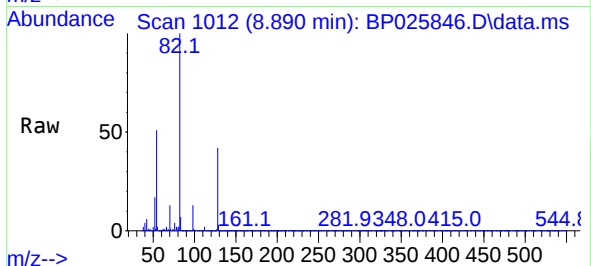




#23
Nitrobenzene-d5
Concen: 74.452 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

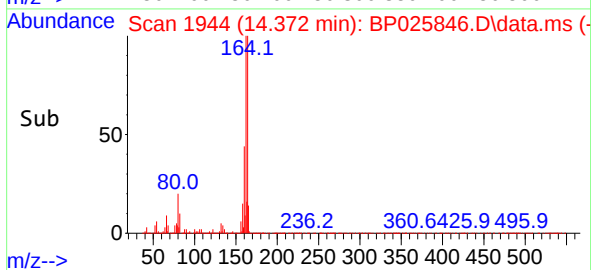
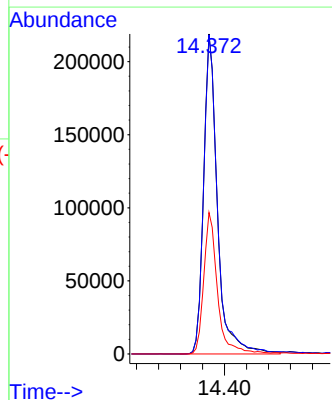
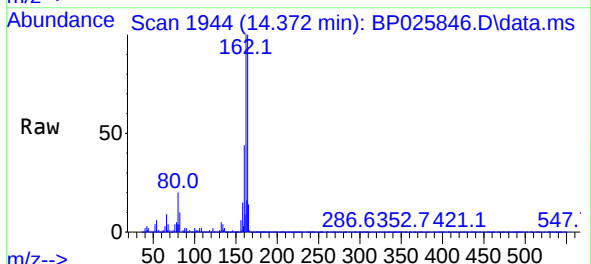
Instrument :
BNA_P
ClientSampleId :
VNJ-222

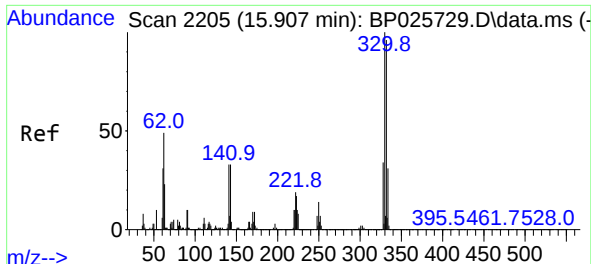
Tgt Ion: 82 Resp: 945494
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 50.8 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 164 Resp: 380681
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.2 35.0 52.6

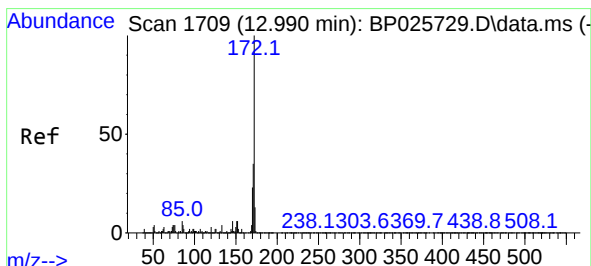
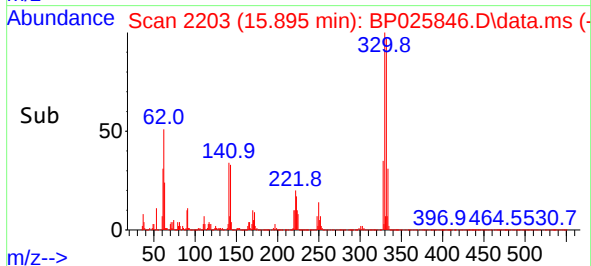
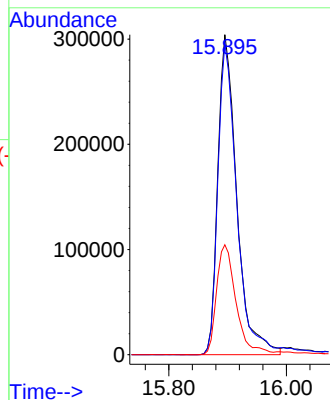
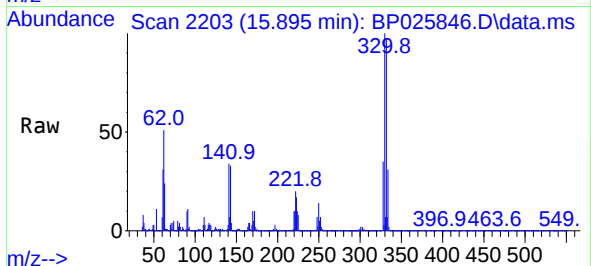




#42
2,4,6-Tribromophenol
Concen: 143.535 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

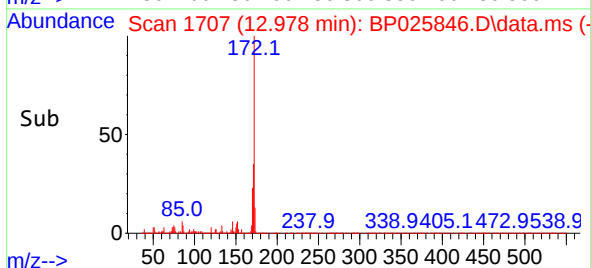
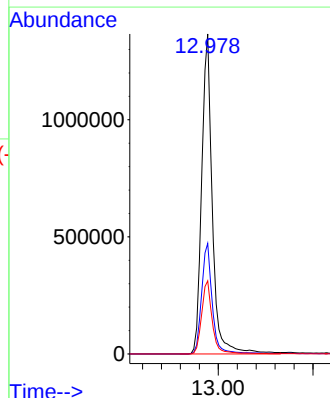
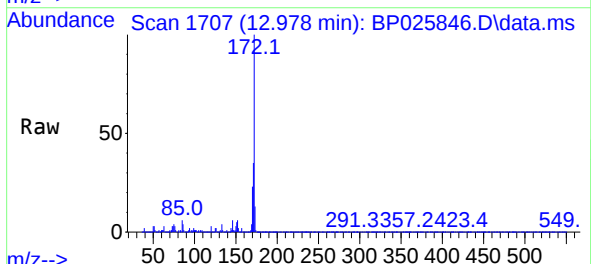
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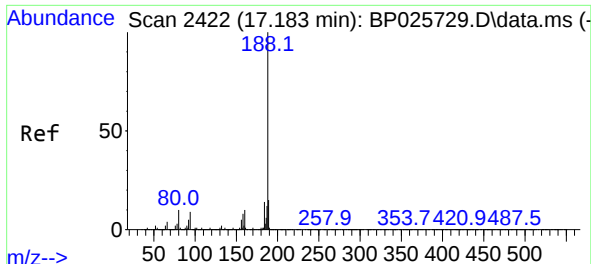
Tgt Ion:330 Resp: 681539
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 35.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 74.488 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:172 Resp: 2129639
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.9 18.6 27.8

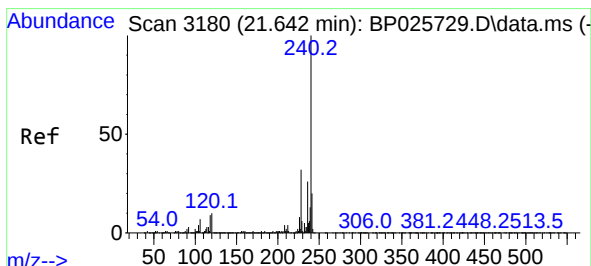
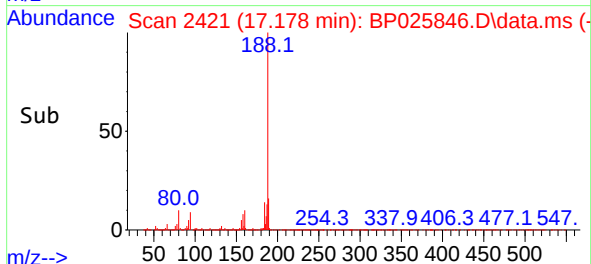
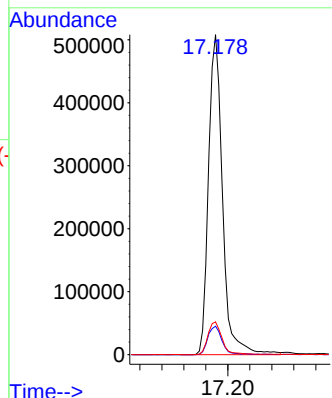
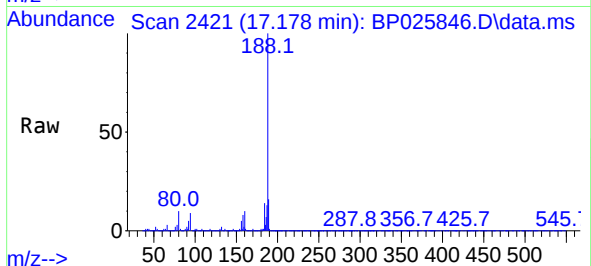




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

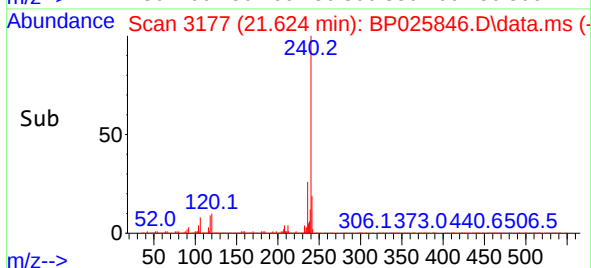
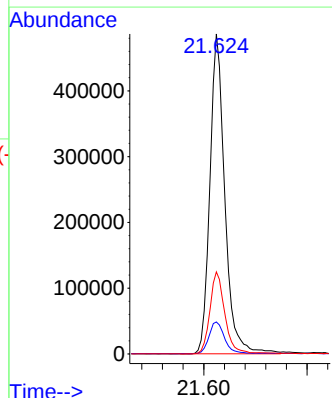
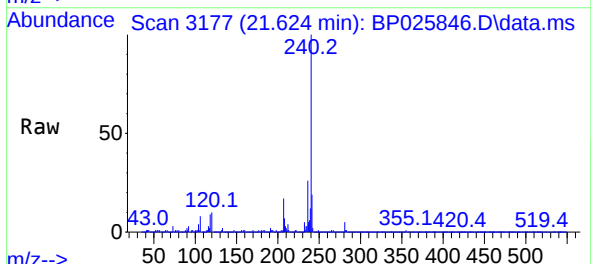
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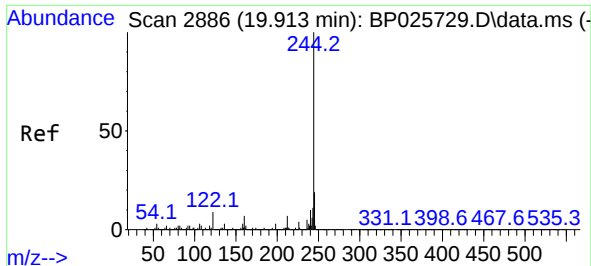
Tgt Ion:188 Resp: 899843
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:240 Resp: 975824
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.7 20.7 31.1

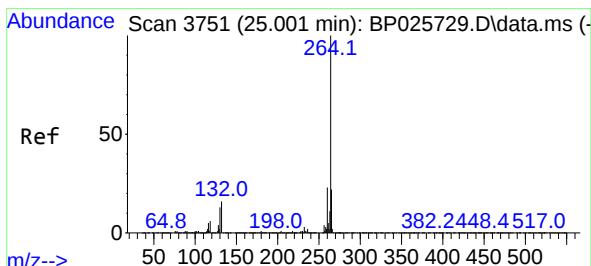
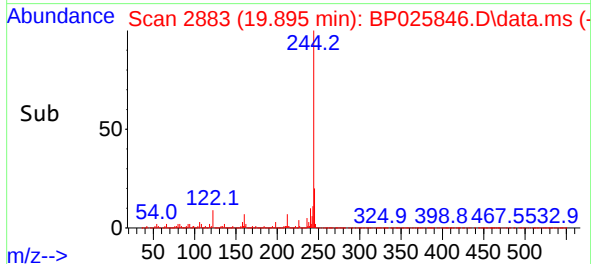
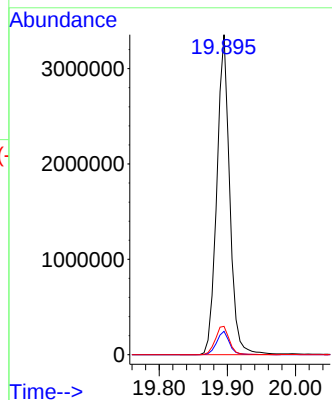
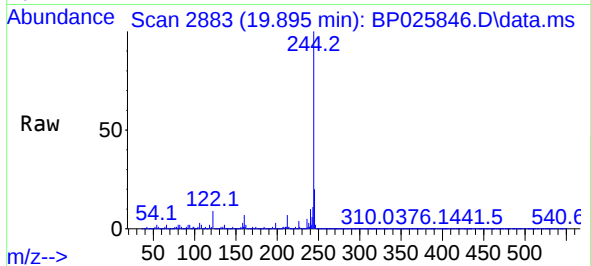




#79
Terphenyl-d14
Concen: 81.175 ng
RT: 19.895 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:244 Resp: 4403170
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.9 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:264 Resp: 980025
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 22.4 17.3 25.9

