

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026308.D
 Acq On : 12 Dec 2025 11:25
 Operator : RC/JU
 Sample : PB170874TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170874TB

Quant Time: Dec 12 11:48:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	218272	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	801850	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	479520	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	932548	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1092354	20.000	ng	0.00
86) Perylene-d12	24.812	264	1326310	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1934868	142.513	ng	0.00
7) Phenol-d6	6.837	99	2232728	130.282	ng	0.00
23) Nitrobenzene-d5	8.790	82	1384034	98.247	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	959980	153.942	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	3425171	103.850	ng	-0.01
79) Terphenyl-d14	19.830	244	5560654	104.046	ng	0.00

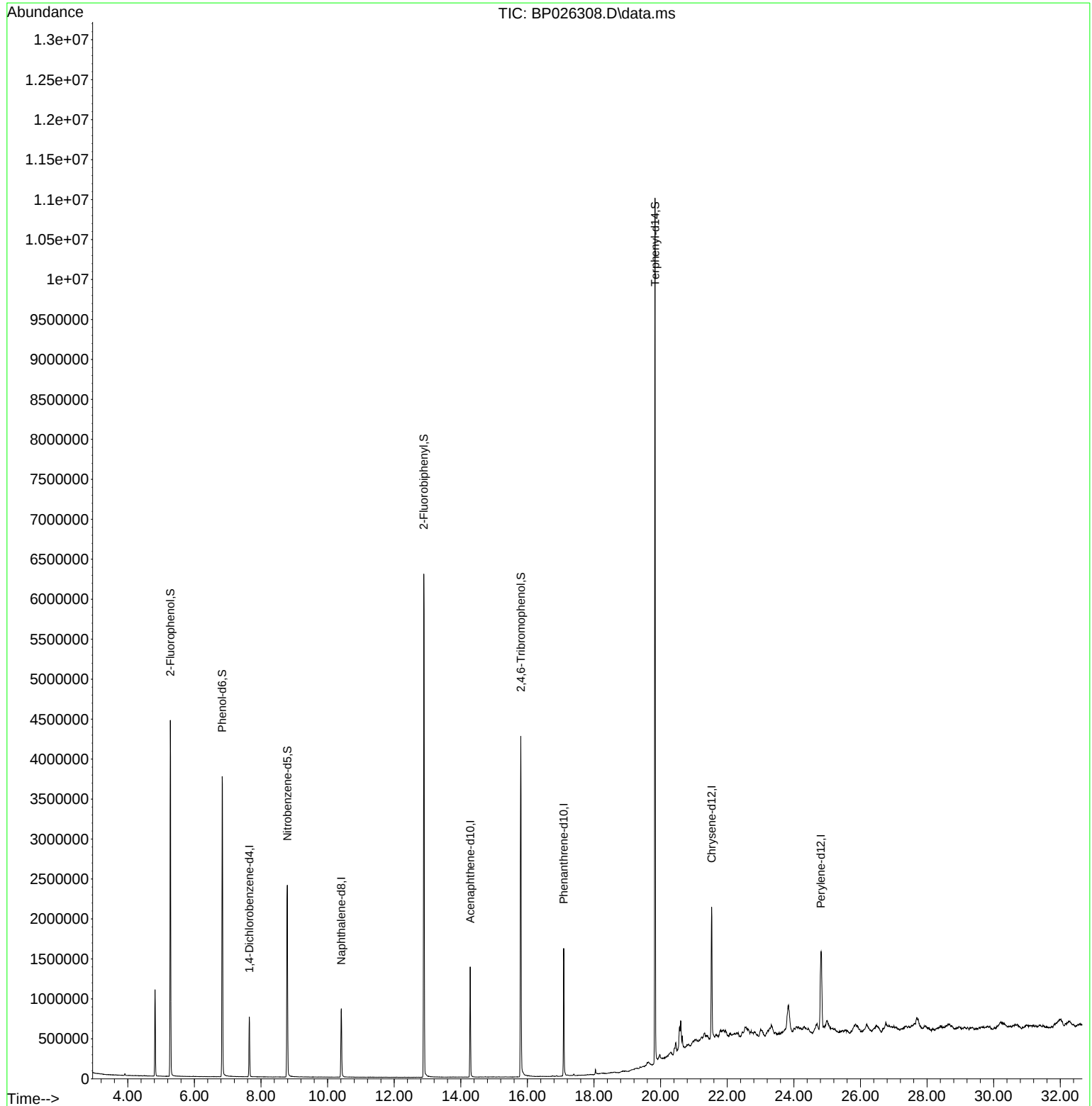
Target Compounds	Qvalue

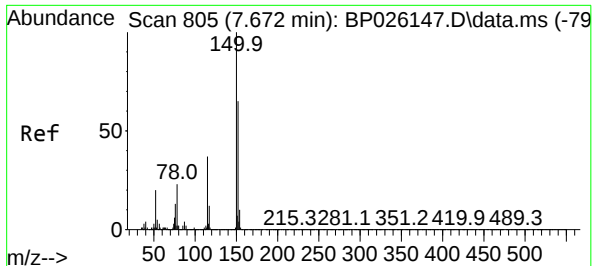
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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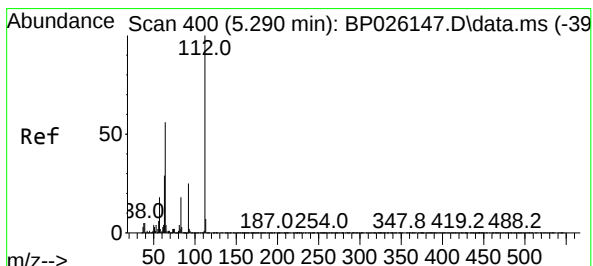
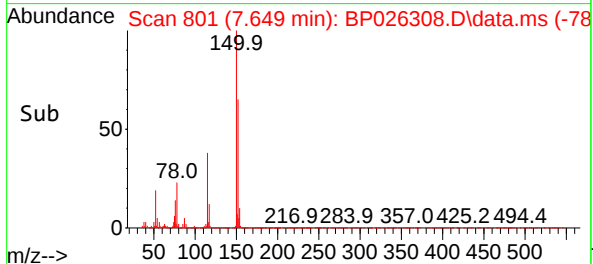
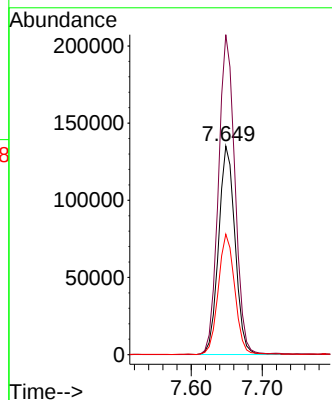
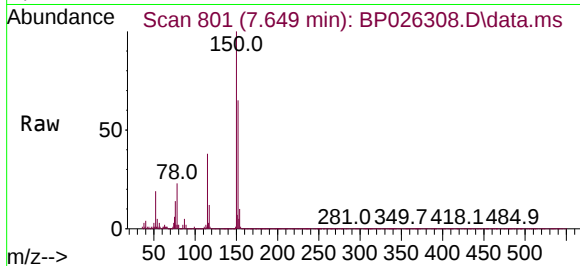




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

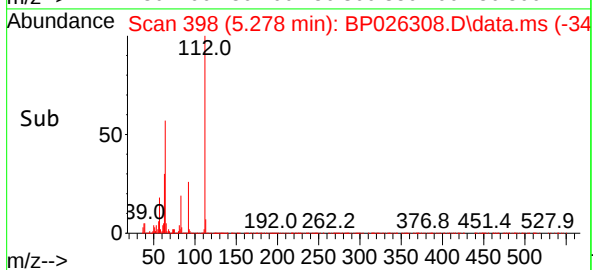
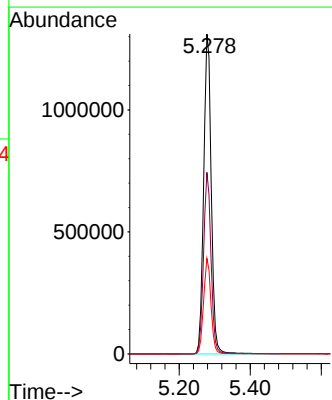
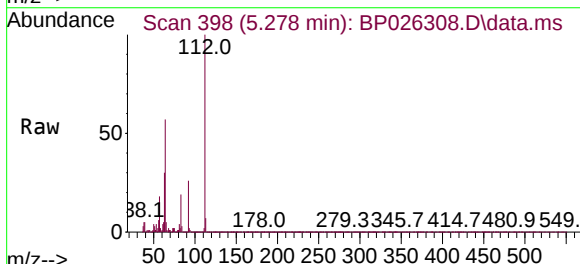
Instrument :
BNA_P
ClientSampleId :
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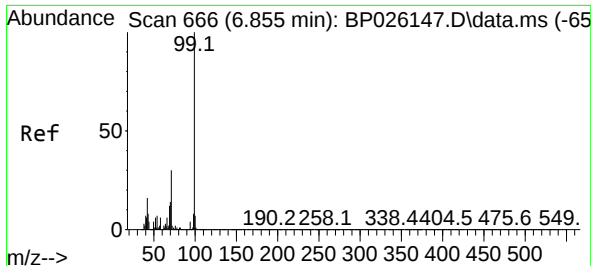
Tgt Ion:152 Resp: 218272
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 57.7 46.3 69.5



#5
2-Fluorophenol
Concen: 142.513 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

Tgt Ion:112 Resp: 1934868
Ion Ratio Lower Upper
112 100
64 56.7 45.8 68.6
63 29.8 23.5 35.3

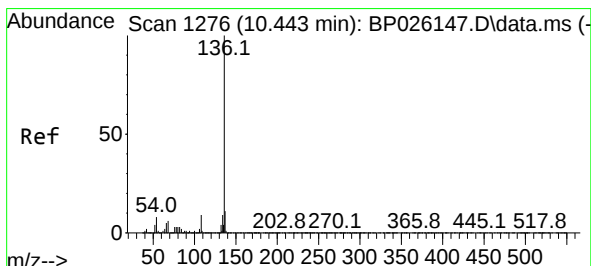
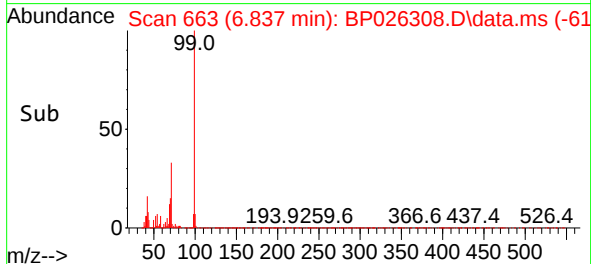
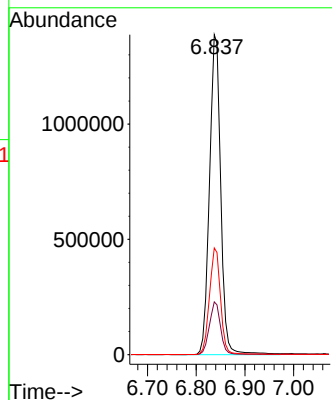
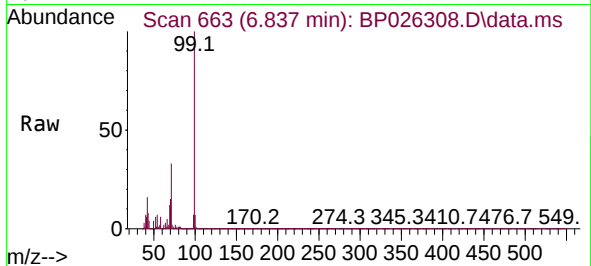




#7
Phenol-d6
Concen: 130.282 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

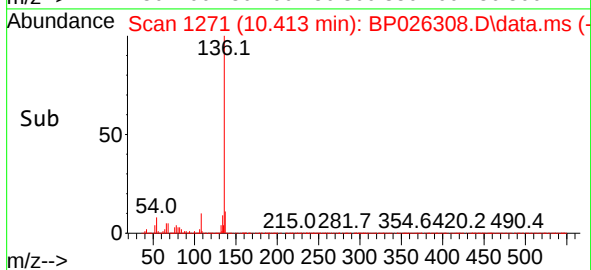
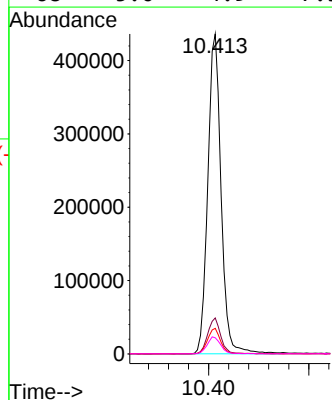
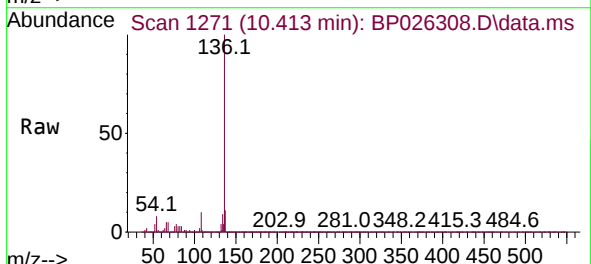
Instrument :
BNA_P
ClientSampleId :
PB170874TB

Tgt Ion: 99 Resp: 2232728
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 33.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

Tgt Ion:136 Resp: 801850
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.0 6.4 9.6
68 5.0 4.9 7.3

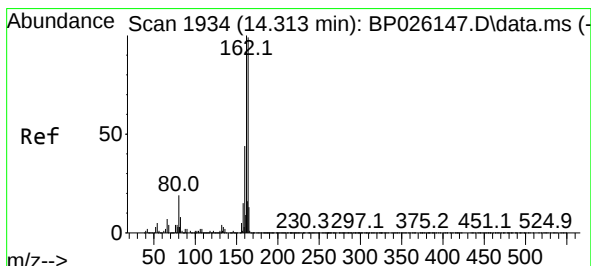
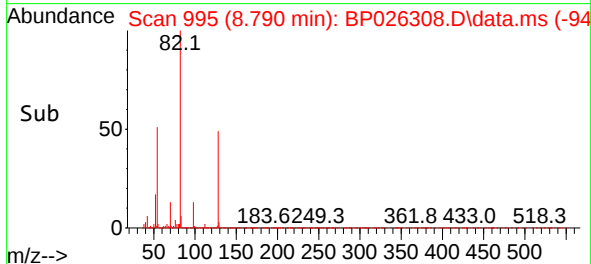
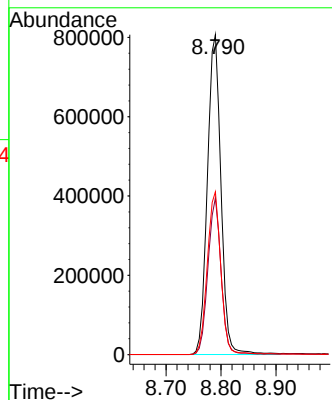
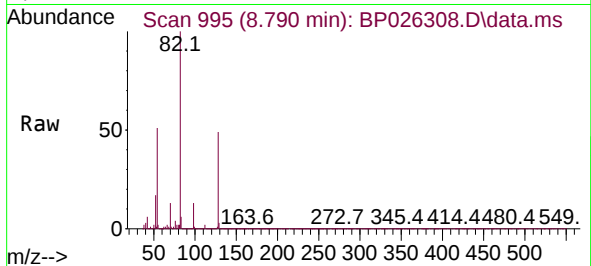




#23
Nitrobenzene-d5
Concen: 98.247 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

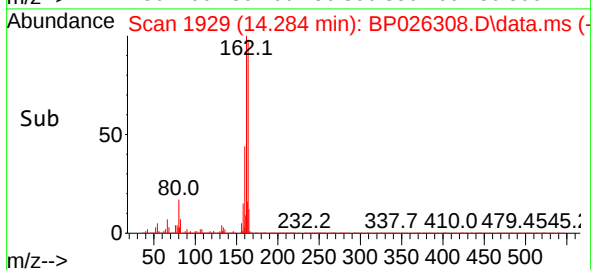
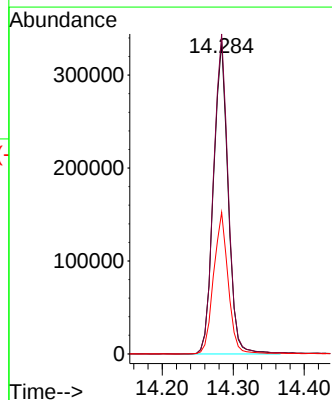
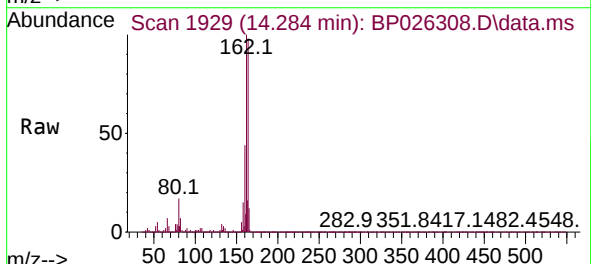
Instrument :
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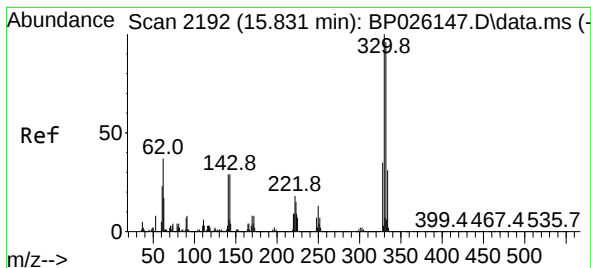
Tgt Ion: 82 Resp: 1384034
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.0
54 50.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

Tgt Ion: 164 Resp: 479520
Ion Ratio Lower Upper
164 100
162 102.4 80.3 120.5
160 45.3 35.2 52.8

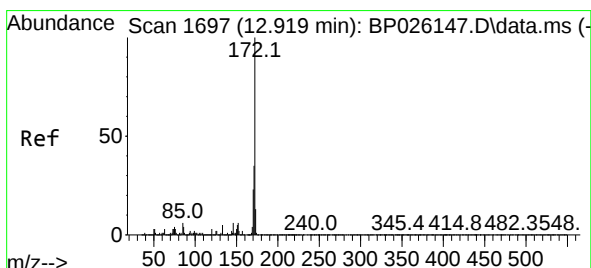
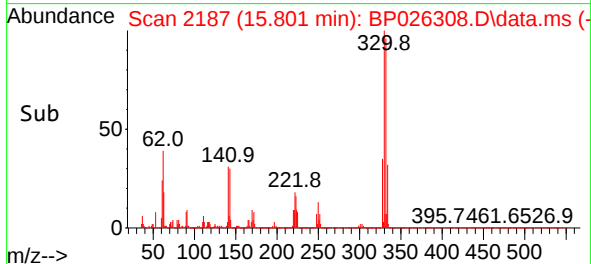
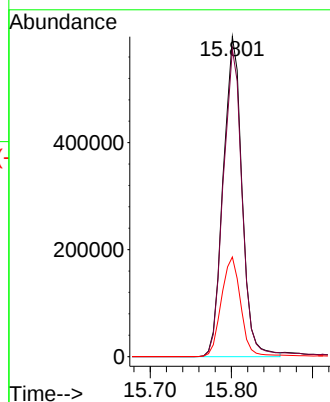
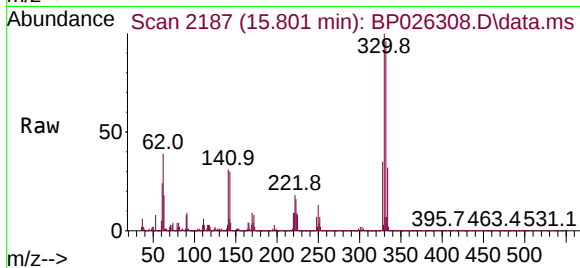




#42
2,4,6-Tribromophenol
Concen: 153.942 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

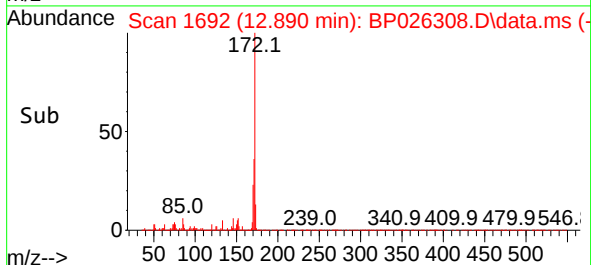
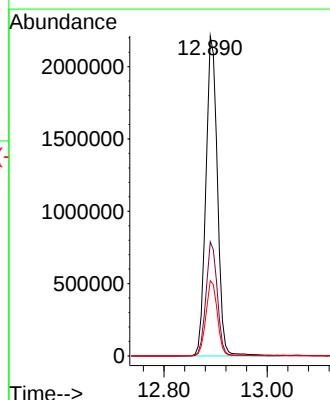
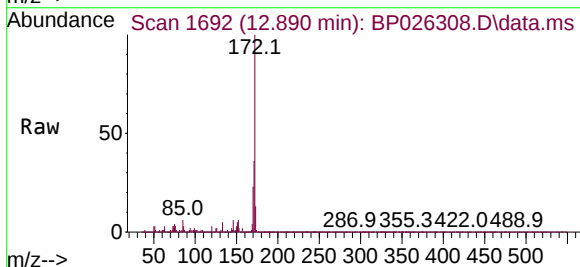
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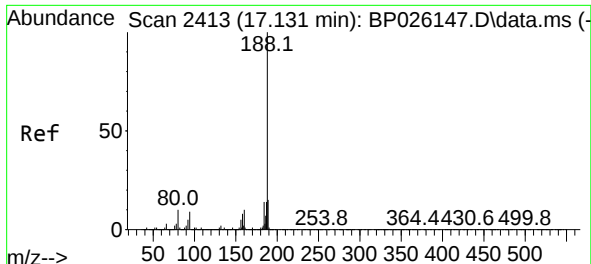
Tgt Ion:330 Resp: 959980
Ion Ratio Lower Upper
330 100
332 98.7 78.0 117.0
141 32.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 103.850 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

Tgt Ion:172 Resp: 3425171
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.5 18.7 28.1

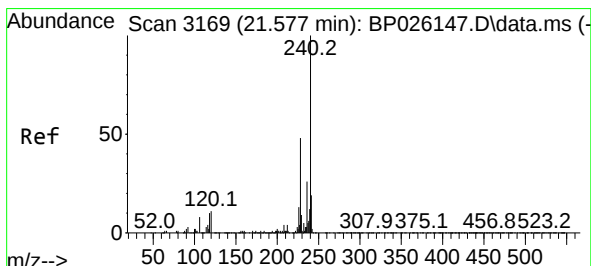
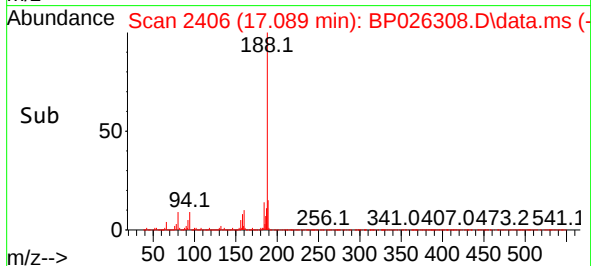
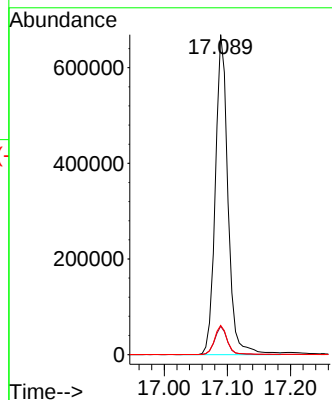
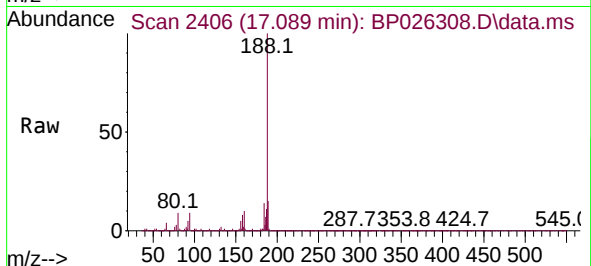




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

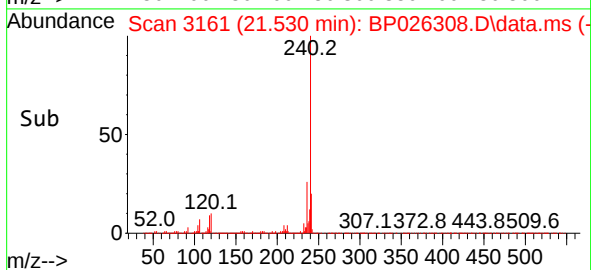
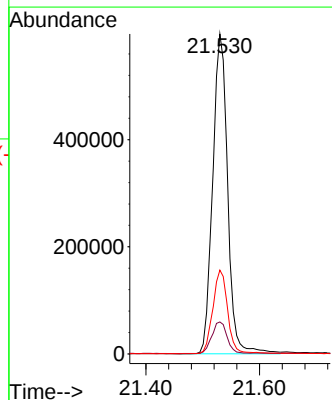
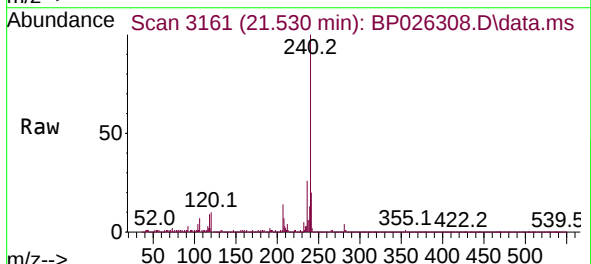
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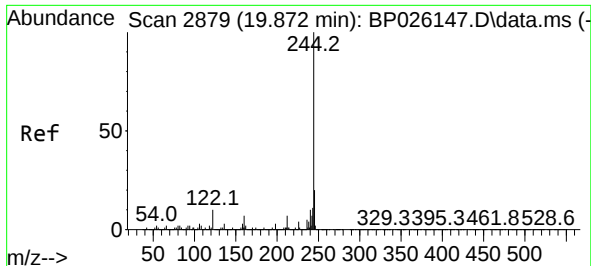
Tgt Ion:188 Resp: 932548
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026308.D
Acq: 12 Dec 2025 11:25

Tgt Ion:240 Resp: 1092354
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.2 20.4 30.6

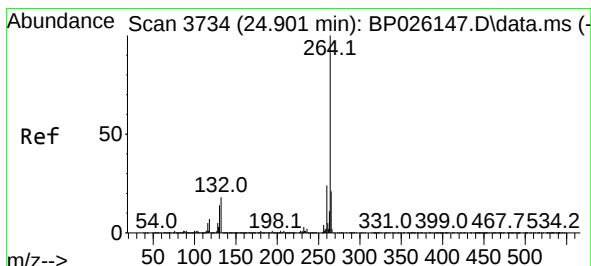
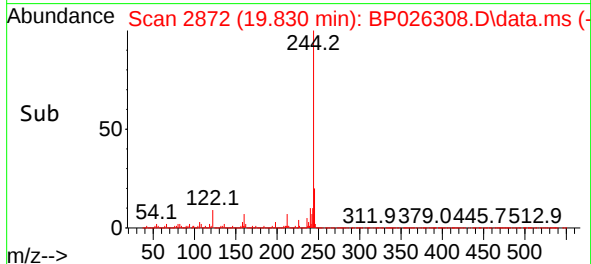
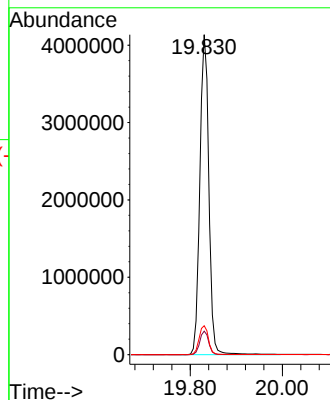
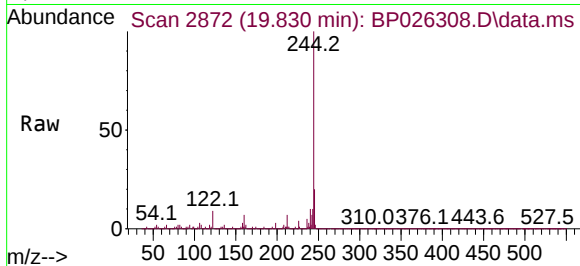




#79
 Terphenyl-d14
 Concen: 104.046 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026308.D
 Acq: 12 Dec 2025 11:25

Instrument :
 BNA_P
 ClientSampleId :
 PB170874TB

Tgt Ion:244 Resp: 5560654
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.812 min Scan# 3719
 Delta R.T. -0.012 min
 Lab File: BP026308.D
 Acq: 12 Dec 2025 11:25

Tgt Ion:264 Resp: 1326310
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 22.3 17.5 26.3

