

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026313.D
 Acq On : 12 Dec 2025 17:03
 Operator : RC/JU
 Sample : Q3839-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AN1

Quant Time: Dec 12 17:43:53 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	7.619	152	292953	20.000	ng	-0.04
21) Naphthalene-d8	10.390	136	1186340	20.000	ng	-0.03
39) Acenaphthene-d10	14.278	164	788592	20.000	ng	-0.01
64) Phenanthrene-d10	17.089	188	1588371	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1590342	20.000	ng	0.00
86) Perylene-d12	24.818	264	1481849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.255	112	1662939	91.260	ng	-0.02
7) Phenol-d6	6.808	99	2015253	87.615	ng	-0.03
23) Nitrobenzene-d5	8.766	82	1218616	58.469	ng	-0.02
42) 2,4,6-Tribromophenol	15.795	330	1051620	102.543	ng	-0.01
45) 2-Fluorobiphenyl	12.878	172	3042669	56.096	ng	-0.02
79) Terphenyl-d14	19.830	244	4949129	63.607	ng	0.00

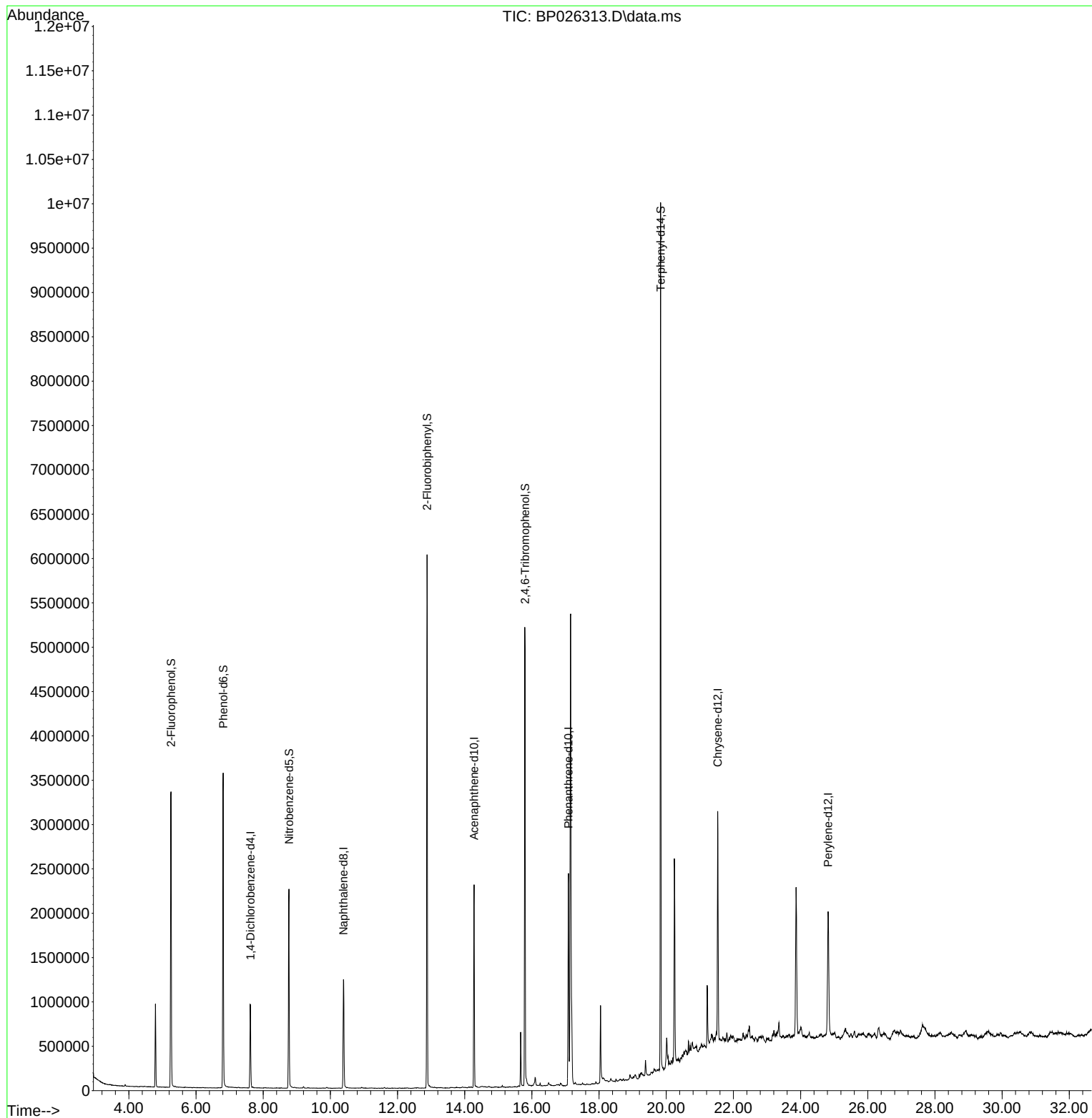
Target Compounds	Qvalue

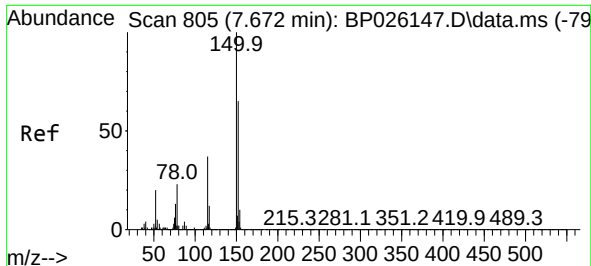
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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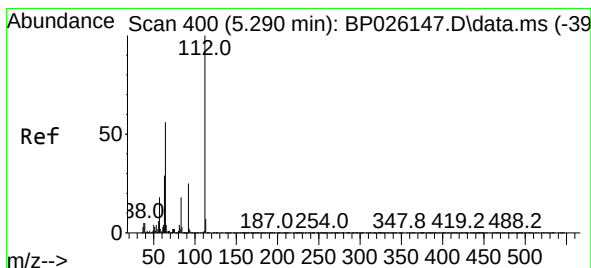
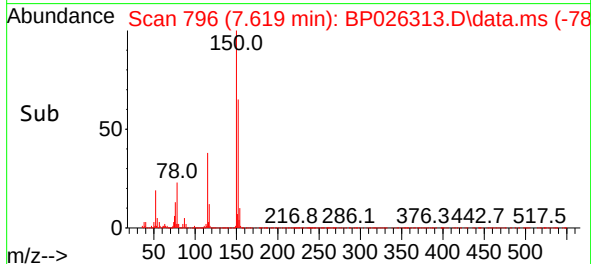
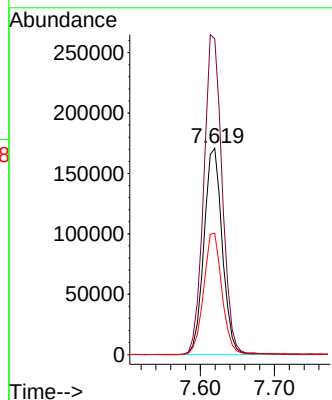
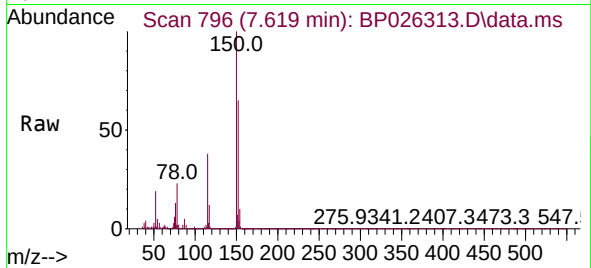




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.619 min Scan# 79
 Delta R.T. -0.036 min
 Lab File: BP026313.D
 Acq: 12 Dec 2025 17:03

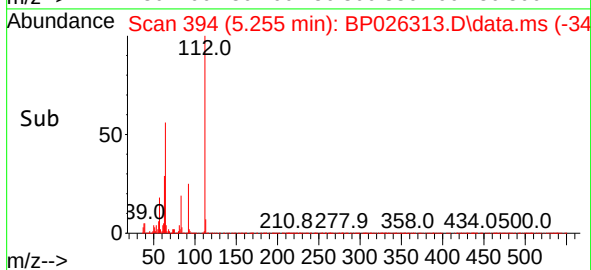
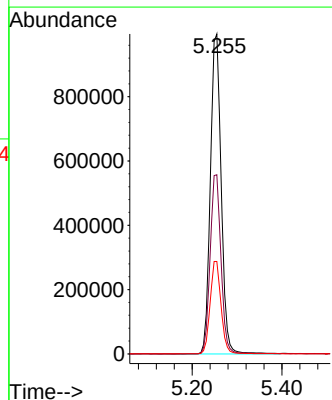
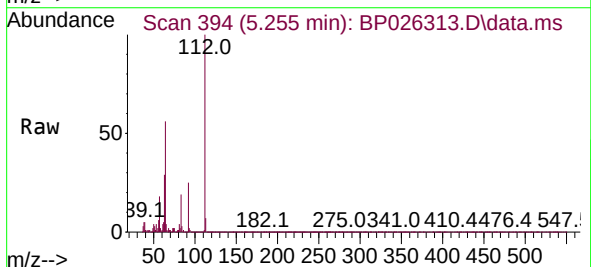
Instrument :
 BNA_P
 ClientSampleId :
 COAN1

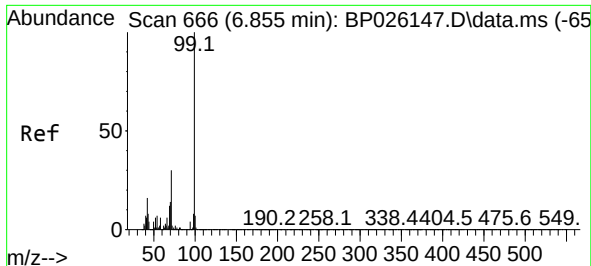
Tgt Ion:152 Resp: 292953
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.0 184.6
 115 58.8 46.3 69.5



#5
 2-Fluorophenol
 Concen: 91.260 ng
 RT: 5.255 min Scan# 394
 Delta R.T. -0.024 min
 Lab File: BP026313.D
 Acq: 12 Dec 2025 17:03

Tgt Ion:112 Resp: 1662939
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.8 68.6
 63 28.9 23.5 35.3

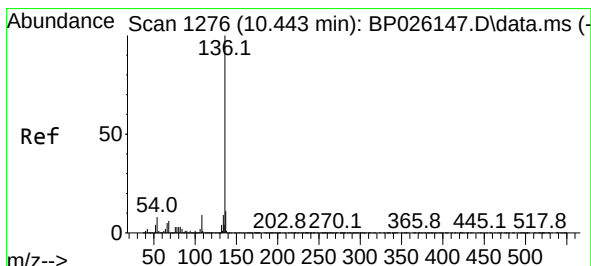
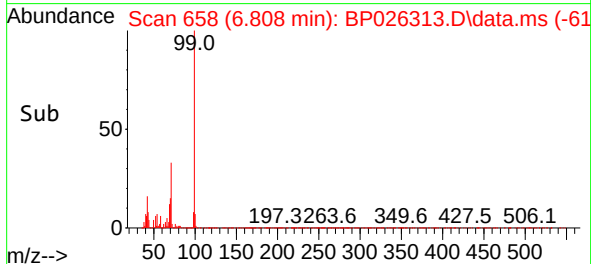
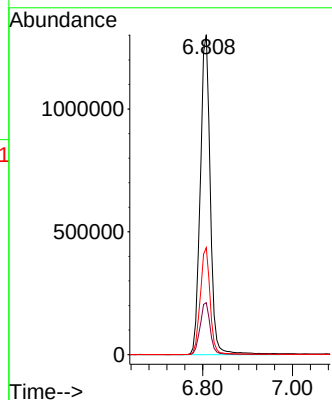
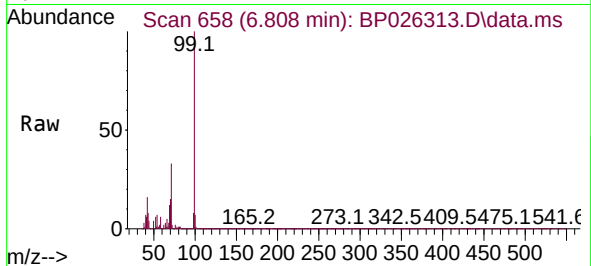




#7
Phenol-d6
Concen: 87.615 ng
RT: 6.808 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

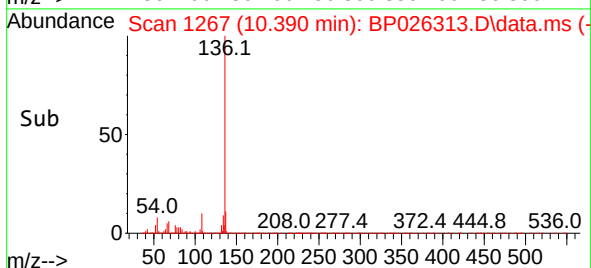
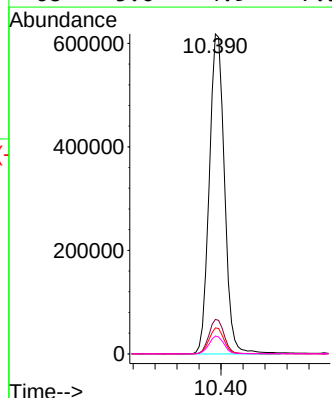
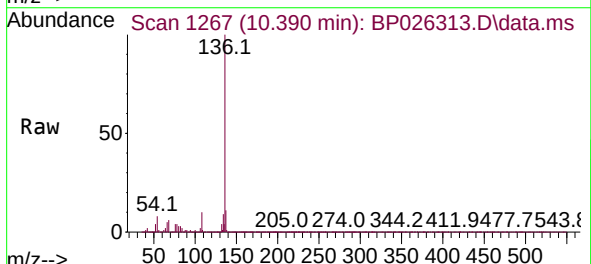
Instrument :
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ClientSampleId :
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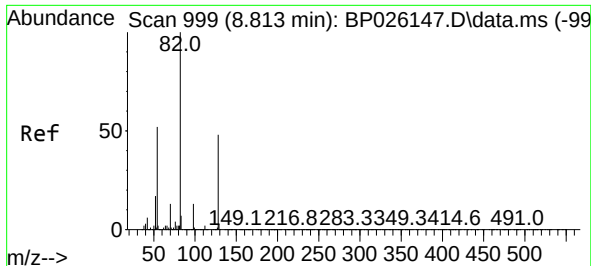
Tgt Ion: 99 Resp: 2015253
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 33.4 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.030 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

Tgt Ion: 136 Resp: 1186340
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 6.4 9.6
68 5.6 4.9 7.3

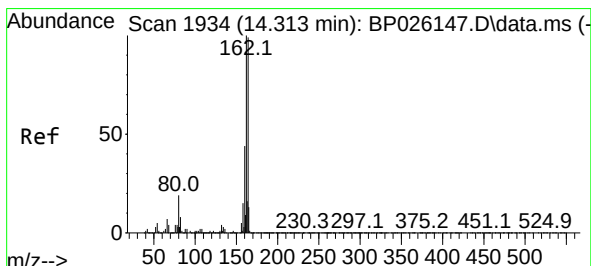
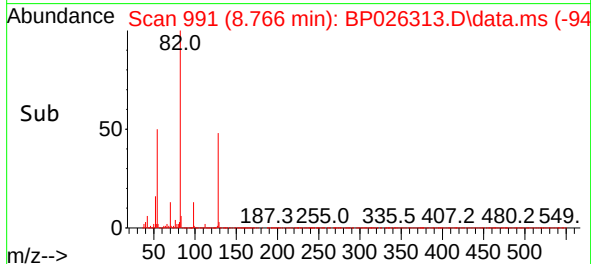
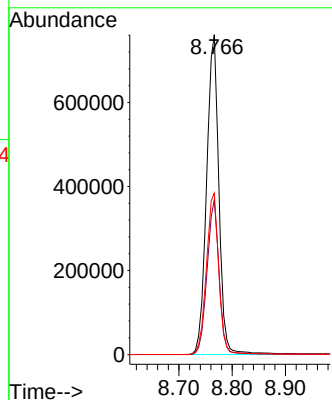
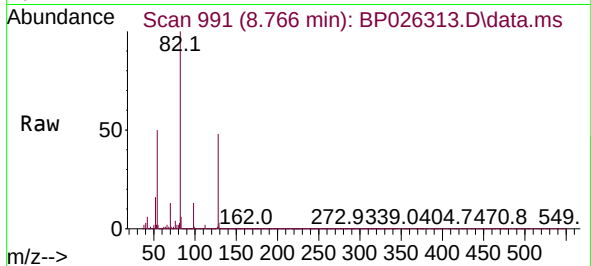




#23
Nitrobenzene-d5
Concen: 58.469 ng
RT: 8.766 min Scan# 999
Delta R.T. -0.024 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

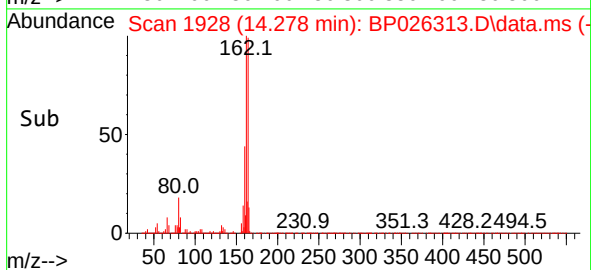
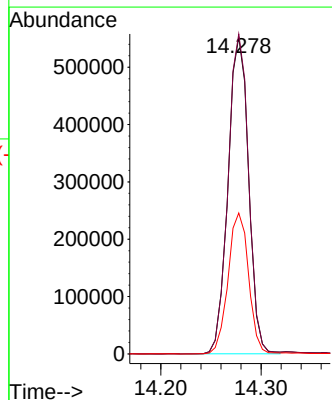
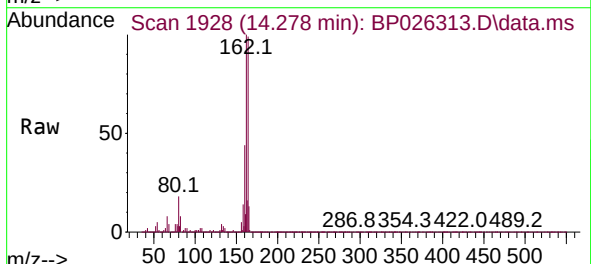
Instrument :
BNA_P
ClientSampleId :
COAN1

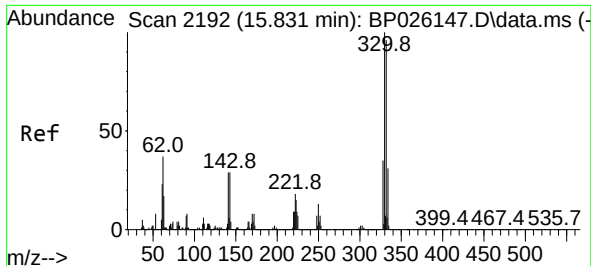
Tgt Ion: 82 Resp: 1218616
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.0
54 50.5 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

Tgt Ion:164 Resp: 788592
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.5 35.2 52.8

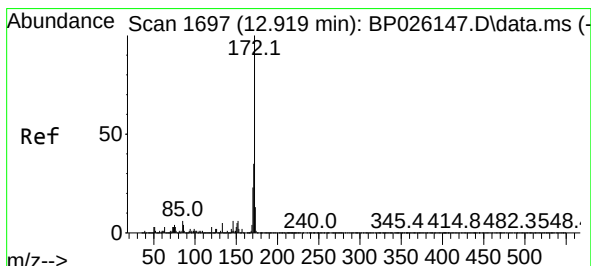
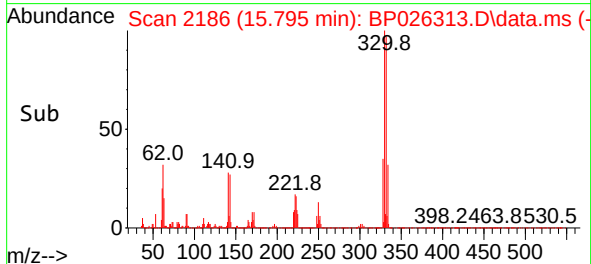
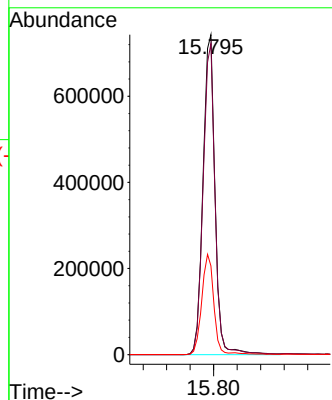
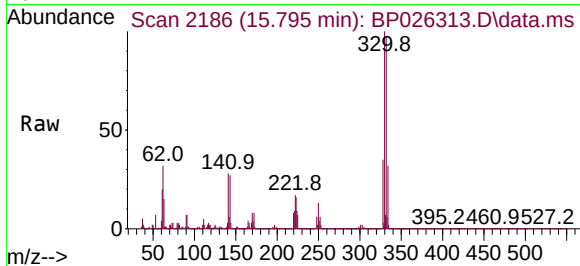




#42
2,4,6-Tribromophenol
Concen: 102.543 ng
RT: 15.795 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

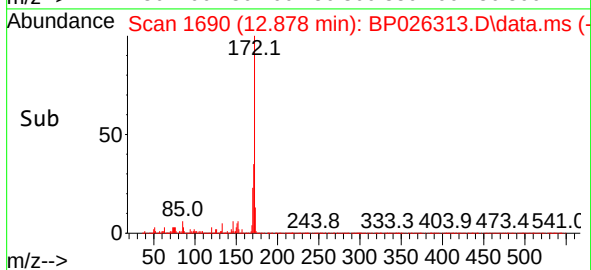
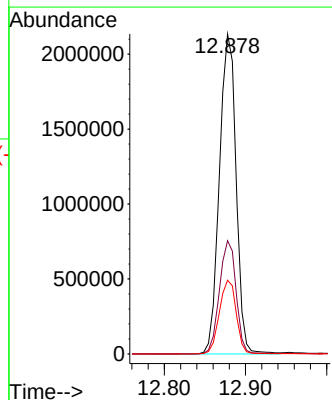
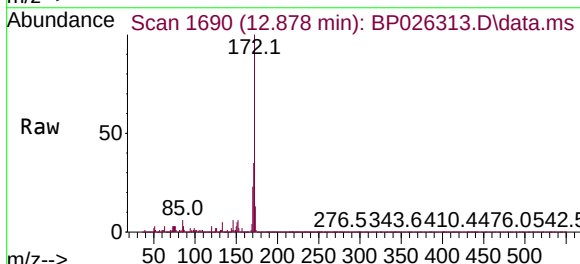
Instrument :
BNA_P
ClientSampleId :
COAN1

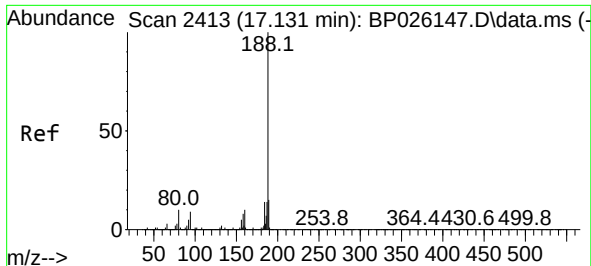
Tgt Ion:330 Resp: 1051620
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 31.7 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 56.096 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.024 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

Tgt Ion:172 Resp: 3042669
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.0 18.7 28.1

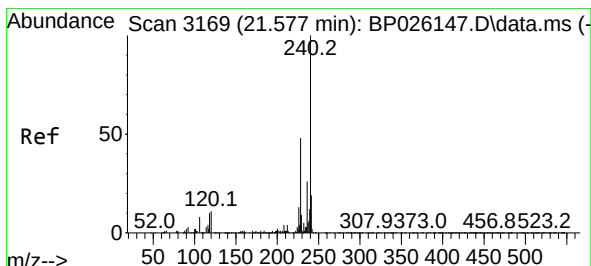
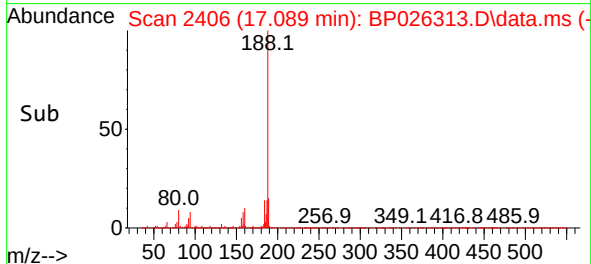
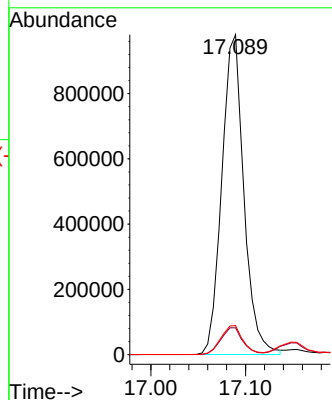
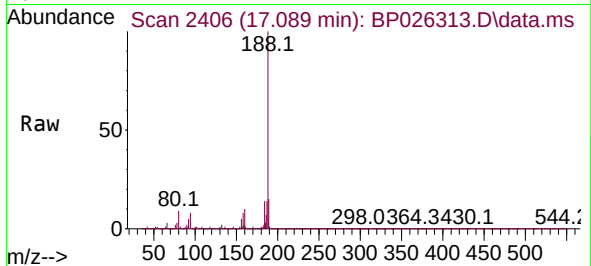




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

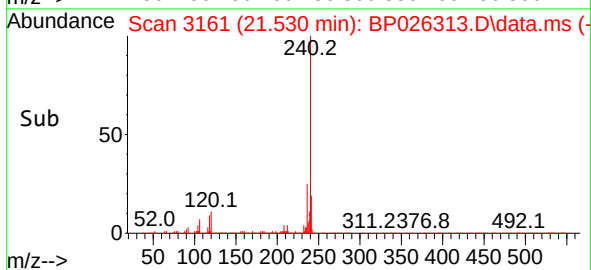
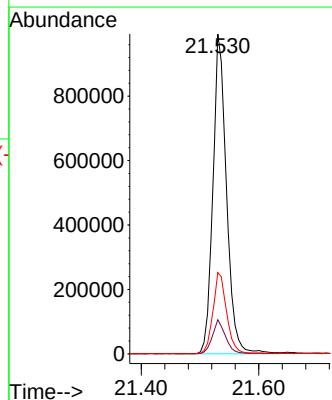
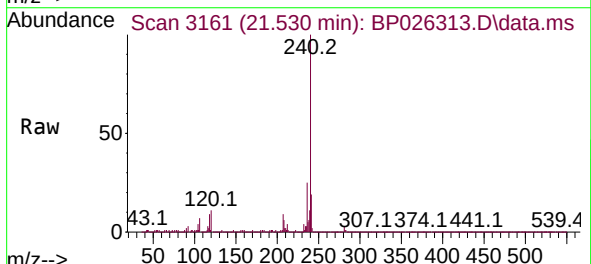
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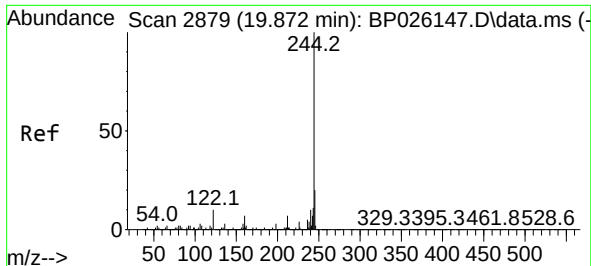
Tgt Ion:188 Resp: 1588371
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026313.D
Acq: 12 Dec 2025 17:03

Tgt Ion:240 Resp: 1590342
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.4 20.4 30.6

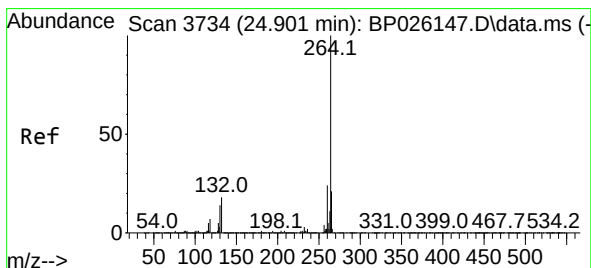
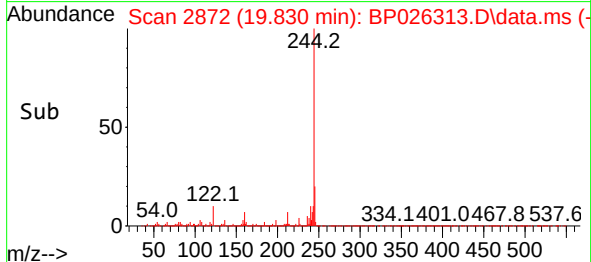
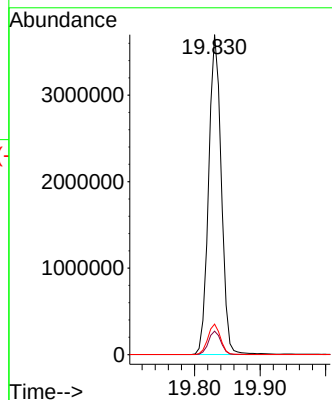
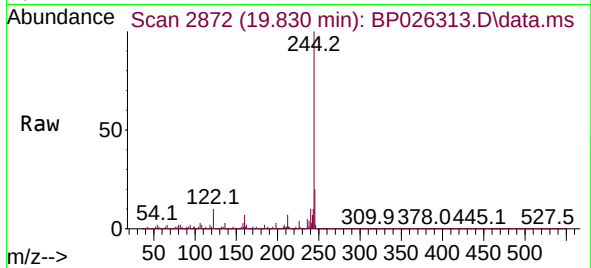




#79
 Terphenyl-d14
 Concen: 63.607 ng
 RT: 19.830 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BP026313.D
 Acq: 12 Dec 2025 17:03

Instrument :
 BNA_P
 ClientSampleId :
 COAN1

Tgt Ion:244 Resp: 4949129
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.818 min Scan# 3720
 Delta R.T. -0.006 min
 Lab File: BP026313.D
 Acq: 12 Dec 2025 17:03

Tgt Ion:264 Resp: 1481849
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.7 17.5 26.3

