

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
Data File : BP026328.D
Acq On : 15 Dec 2025 16:53
Operator : RC/JU
Sample : Q3839-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B09

Quant Time: Dec 15 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 15 14:15:35 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	190243	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	711203	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	429739	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	830623	20.000	ng	0.00
76) Chrysene-d12	21.536	240	945594	20.000	ng	0.00
86) Perylene-d12	24.824	264	1145047	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	584137	49.366	ng	0.00
7) Phenol-d6	6.837	99	397199	26.587	ng	0.00
23) Nitrobenzene-d5	8.784	82	903277	71.907	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	724476	126.855	ng	0.00
45) 2-Fluorobiphenyl	12.878	172	2327476	78.302	ng	-0.01
79) Terphenyl-d14	19.830	244	3895251	82.074	ng	0.00

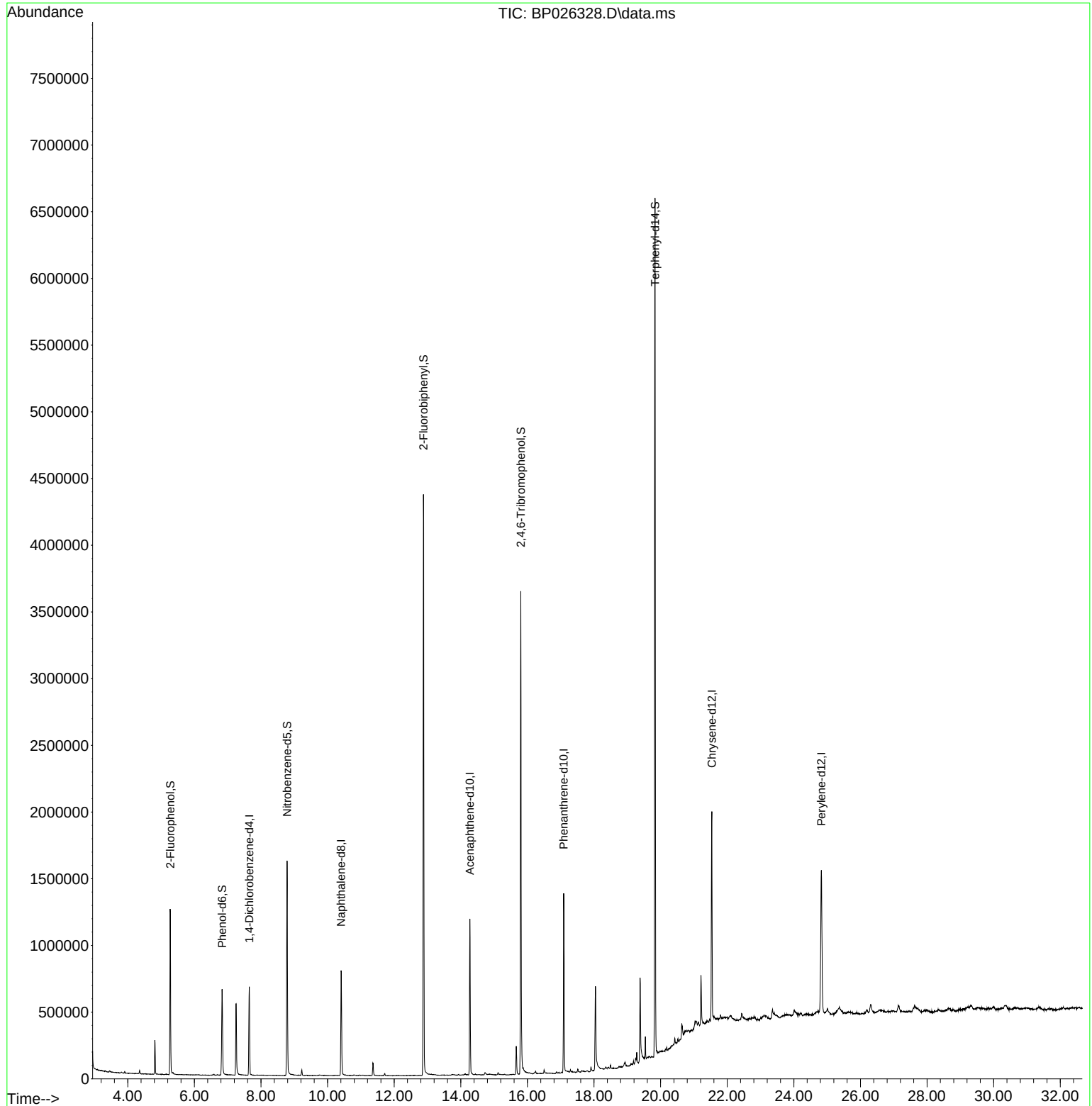
Target Compounds	Qvalue

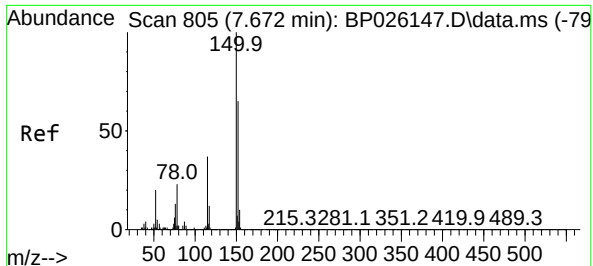
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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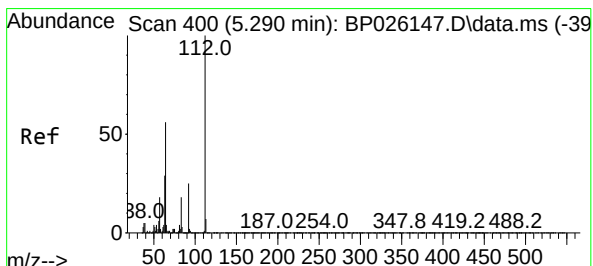
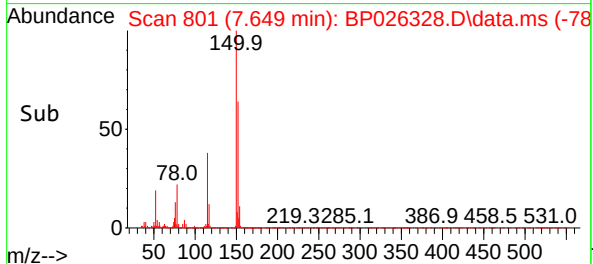
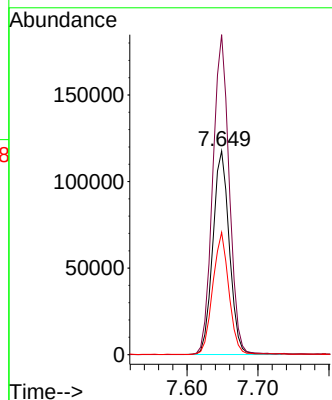
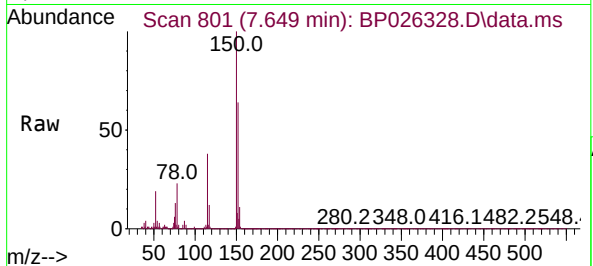




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

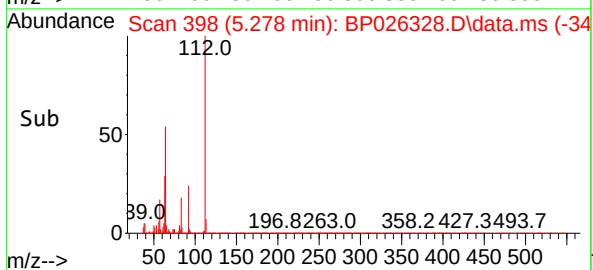
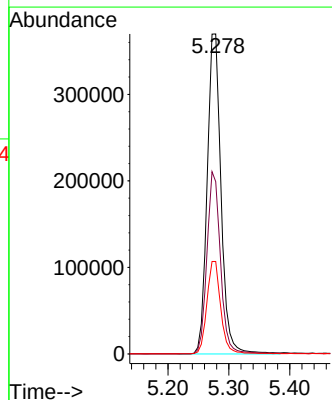
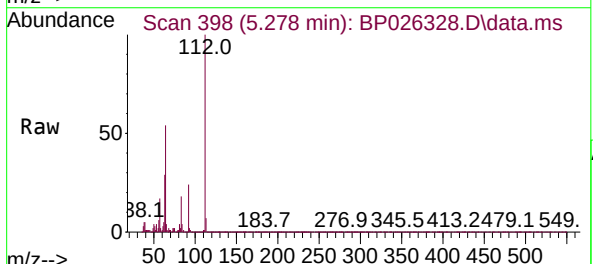
Instrument :
BNA_P
ClientSampleId :
C0B09

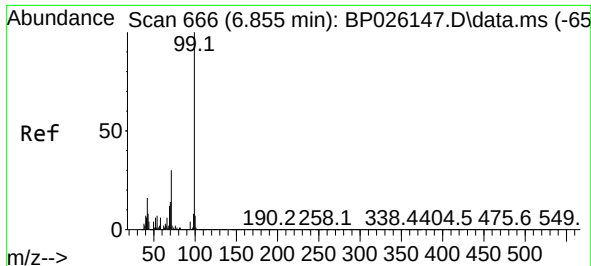
Tgt Ion:152 Resp: 190243
Ion Ratio Lower Upper
152 100
150 157.1 123.0 184.6
115 60.0 46.3 69.5



#5
2-Fluorophenol
Concen: 49.366 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

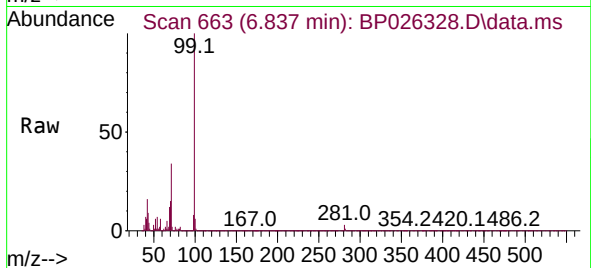
Tgt Ion:112 Resp: 584137
Ion Ratio Lower Upper
112 100
64 53.8 45.8 68.6
63 28.9 23.5 35.3



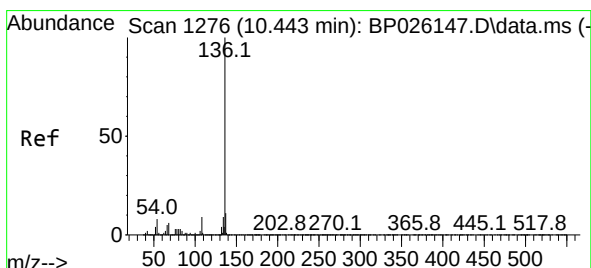
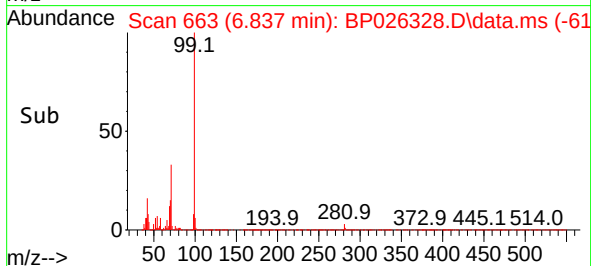
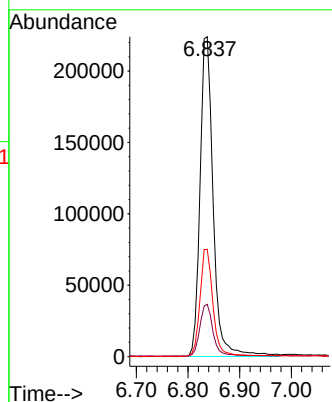


#7
Phenol-d6
Concen: 26.587 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

Instrument :
BNA_P
ClientSampleId :
C0B09

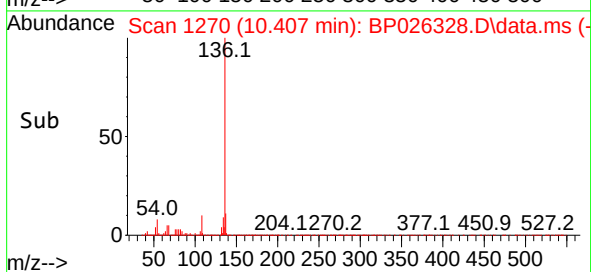
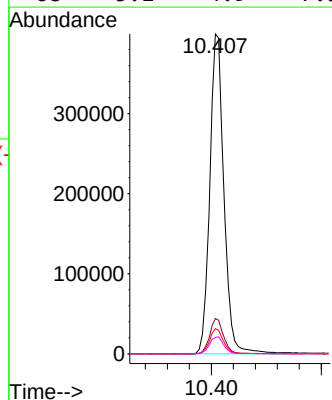
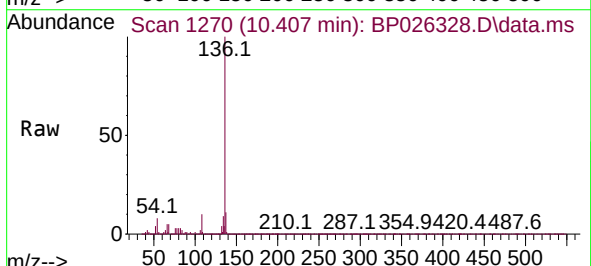


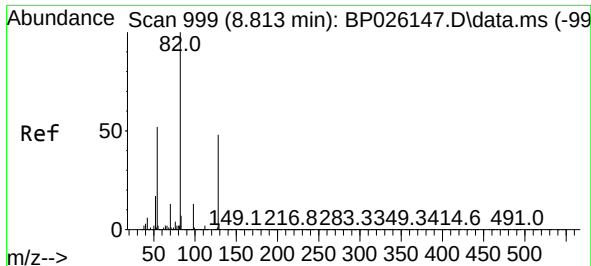
Tgt Ion: 99 Resp: 397199
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 33.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

Tgt Ion: 136 Resp: 711203
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.4 9.6
68 5.1 4.9 7.3

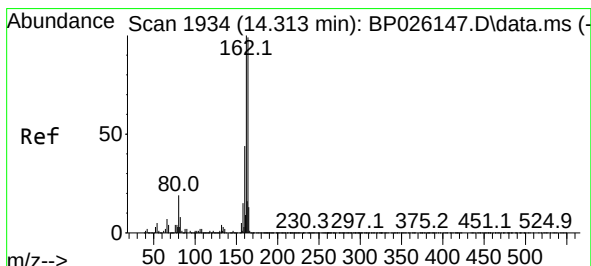
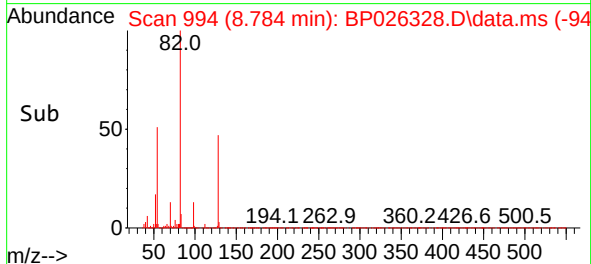
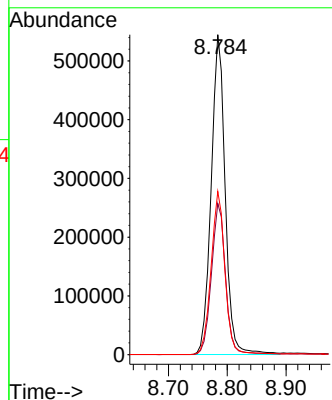
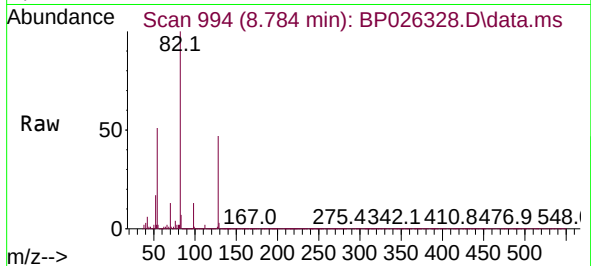




#23
Nitrobenzene-d5
Concen: 71.907 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

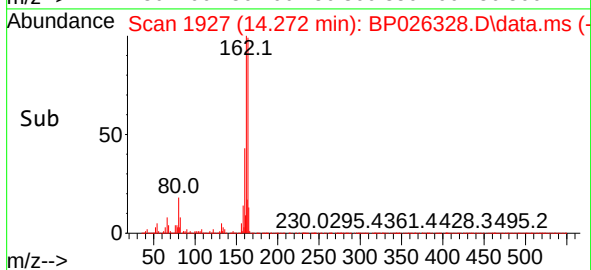
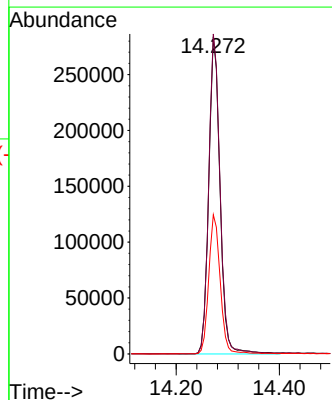
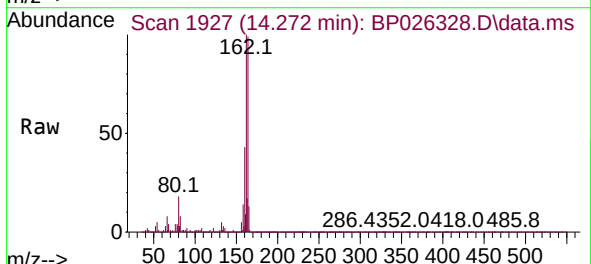
Instrument :
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ClientSampleId :
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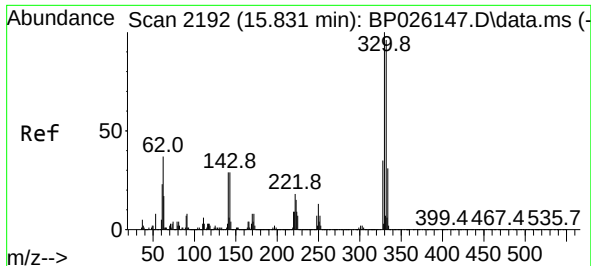
Tgt Ion: 82 Resp: 903277
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 51.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

Tgt Ion:164 Resp: 429739
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 43.8 35.2 52.8

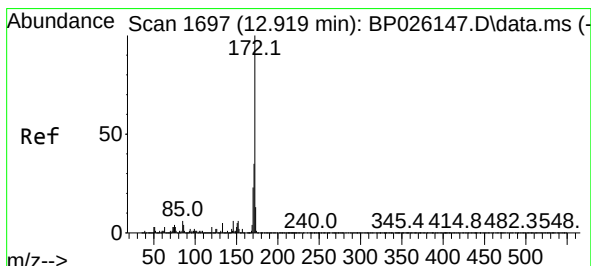
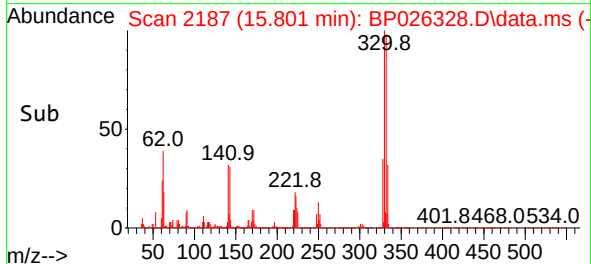
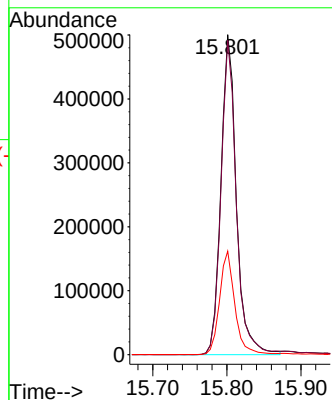
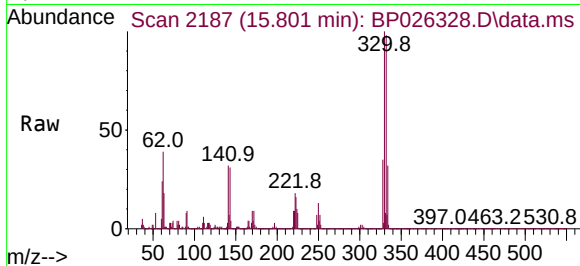




#42
2,4,6-Tribromophenol
Concen: 126.855 ng
RT: 15.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

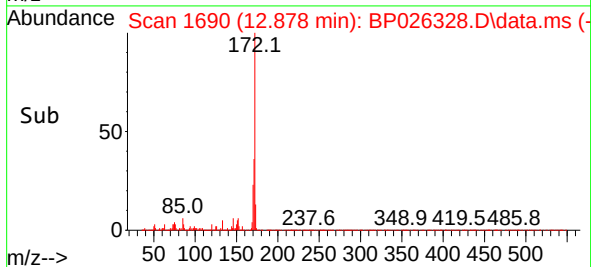
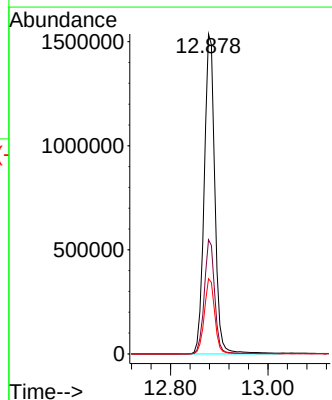
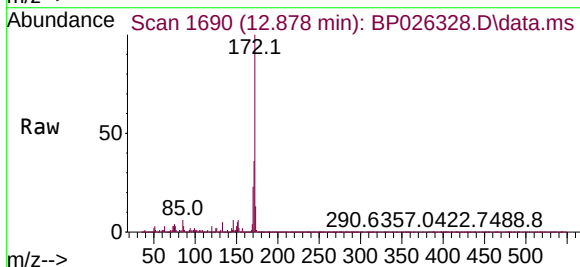
Instrument :
BNA_P
ClientSampleId :
C0B09

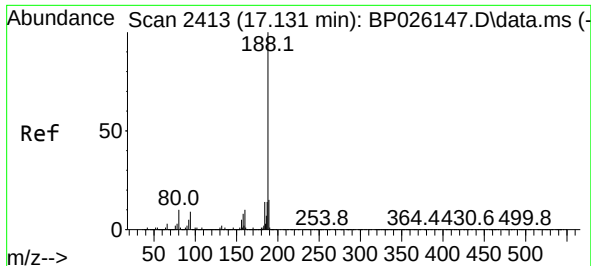
Tgt Ion:330 Resp: 724476
Ion Ratio Lower Upper
330 100
332 99.1 78.0 117.0
141 31.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 78.302 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

Tgt Ion:172 Resp: 2327476
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 18.7 28.1

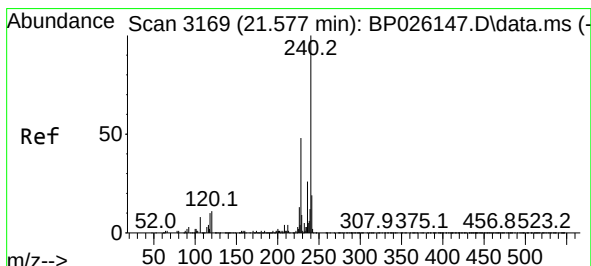
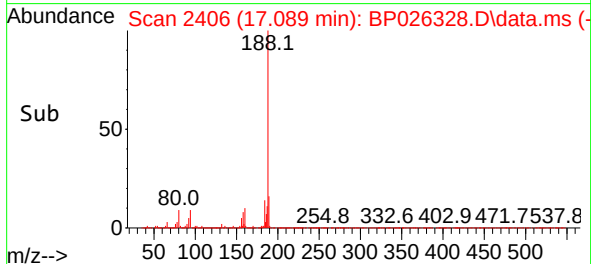
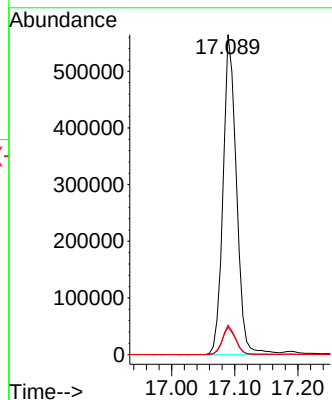
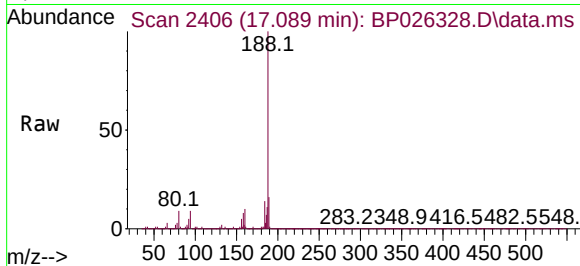




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

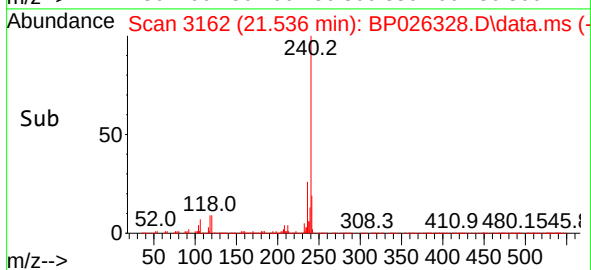
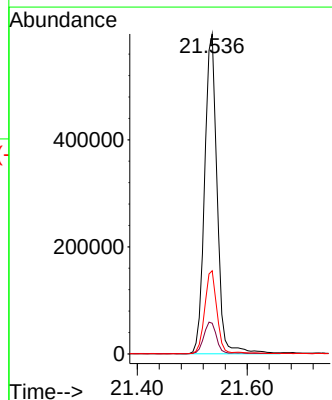
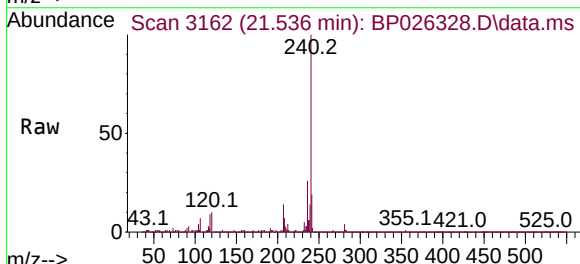
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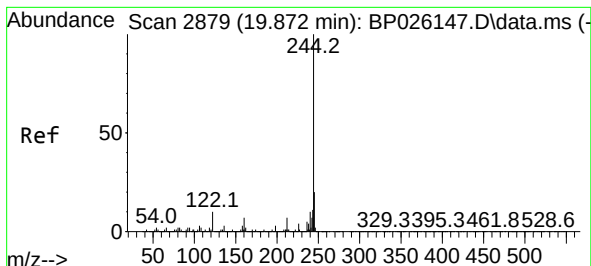
Tgt Ion:188 Resp: 830623
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026328.D
Acq: 15 Dec 2025 16:53

Tgt Ion:240 Resp: 945594
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 82.074 ng

RT: 19.830 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026328.D

Acq: 15 Dec 2025 16:53

Instrument :

BNA_P

ClientSampleId :

C0B09

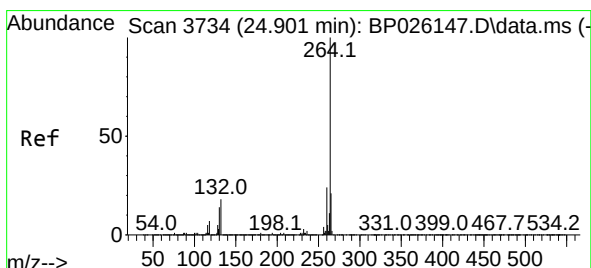
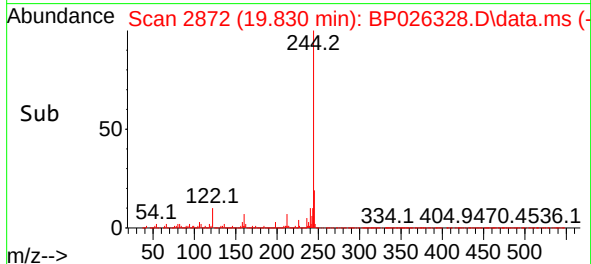
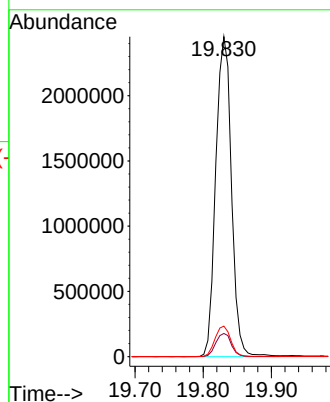
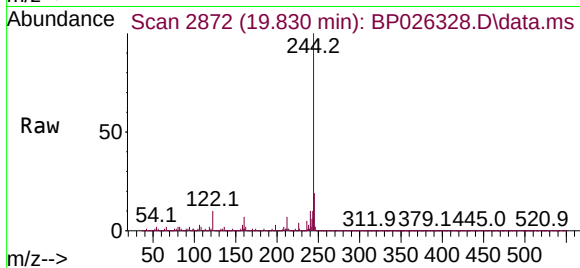
Tgt Ion:244 Resp: 3895251

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.012 min

Lab File: BP026328.D

Acq: 15 Dec 2025 16:53

Tgt Ion:264 Resp: 1145047

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.5 26.3

