

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026324.D
 Acq On : 15 Dec 2025 14:09
 Operator : RC/JU
 Sample : Q3839-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AM5

Quant Time: Dec 15 14:37:08 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	226025	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	842745	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	512526	20.000	ng	0.00
64) Phenanthrene-d10	17.078	188	1016066	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1156137	20.000	ng	0.00
86) Perylene-d12	24.830	264	1415921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1123435	79.912	ng	0.00
7) Phenol-d6	6.837	99	1343596	75.699	ng	0.00
23) Nitrobenzene-d5	8.784	82	806204	54.162	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	671248	98.550	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	1836000	51.790	ng	0.00
79) Terphenyl-d14	19.836	244	2769767	47.732	ng	0.01

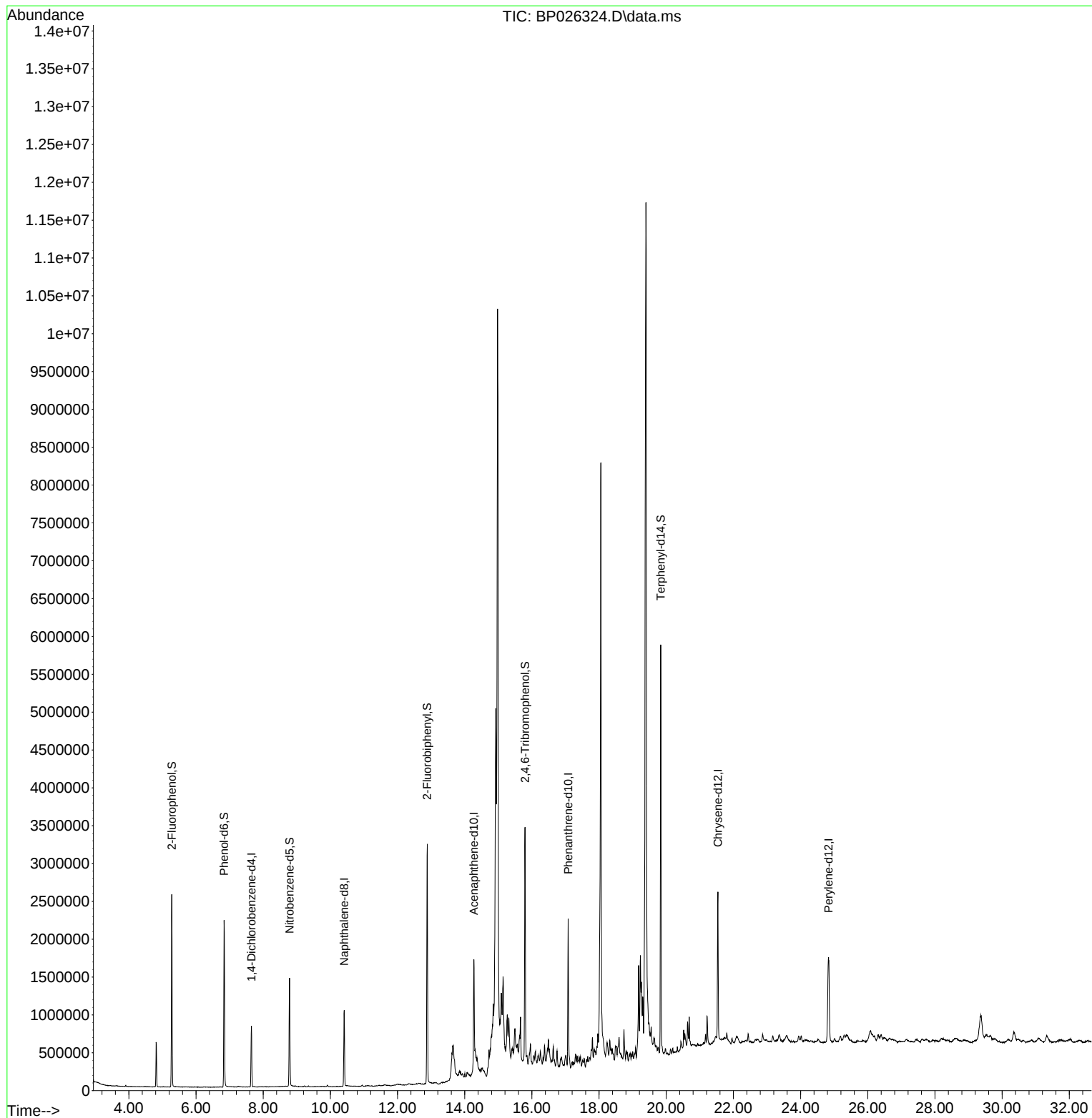
Target Compounds	Qvalue

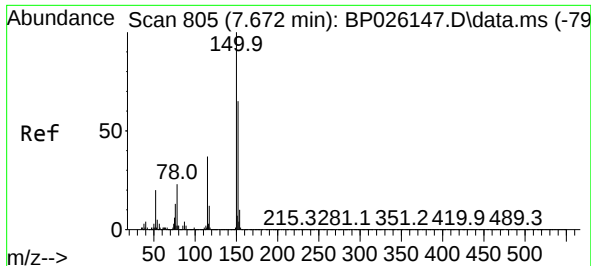
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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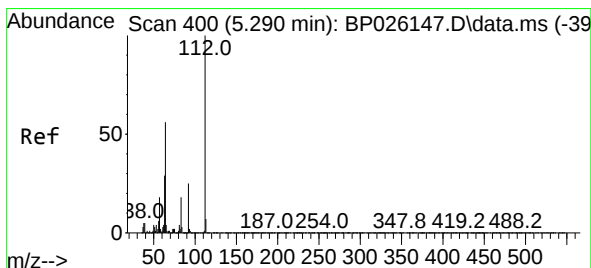
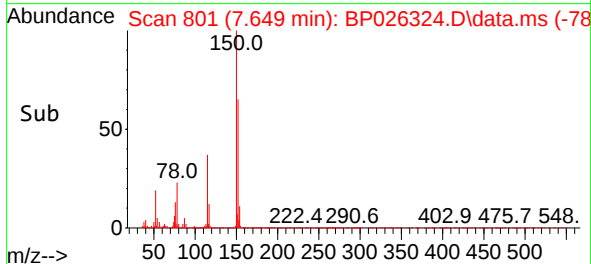
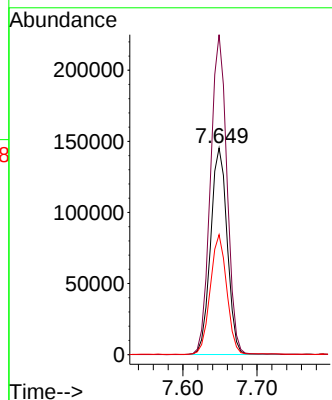
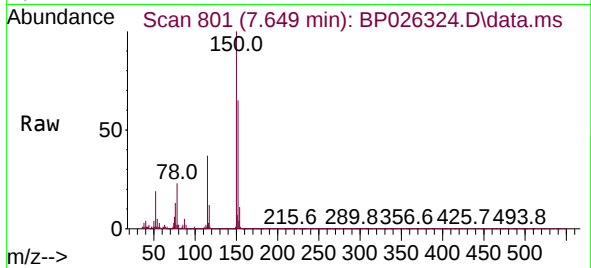




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

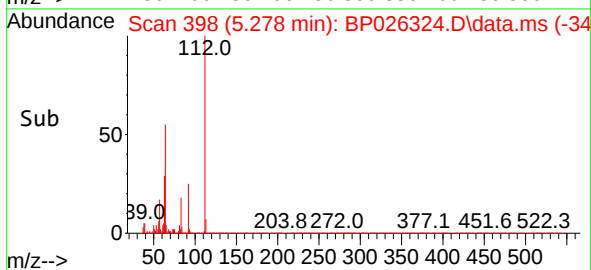
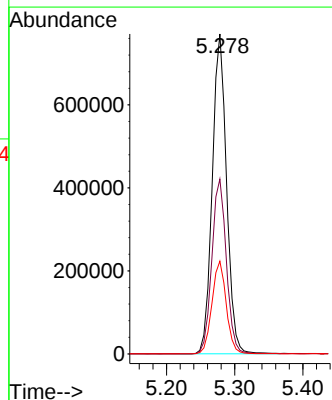
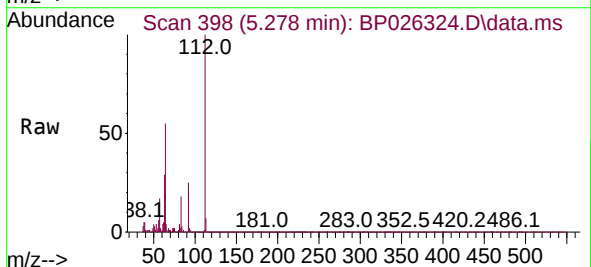
Instrument :
BNA_P
ClientSampleId :
C0AM5

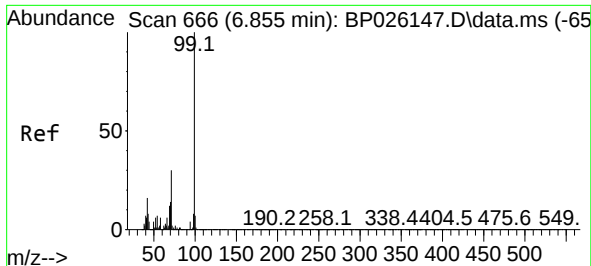
Tgt Ion:152 Resp: 226025
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.6
115 58.0 46.3 69.5



#5
2-Fluorophenol
Concen: 79.912 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

Tgt Ion:112 Resp: 1123435
Ion Ratio Lower Upper
112 100
64 54.7 45.8 68.6
63 29.0 23.5 35.3

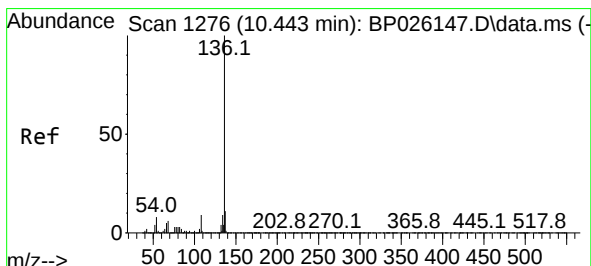
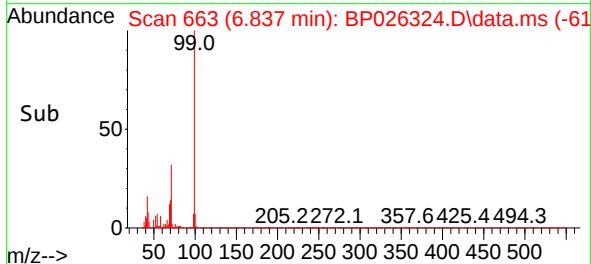
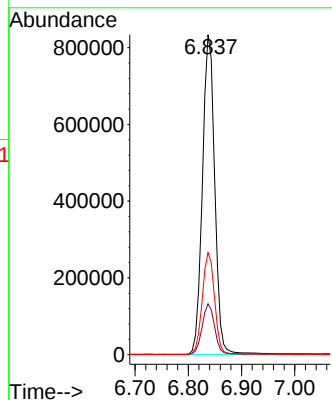
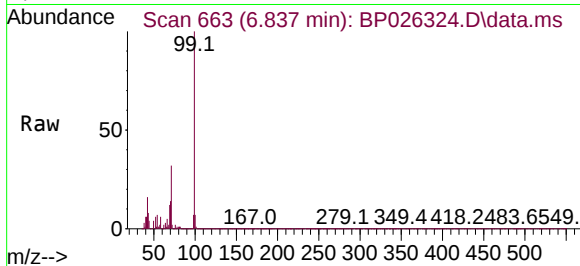




#7
Phenol-d6
Concen: 75.699 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

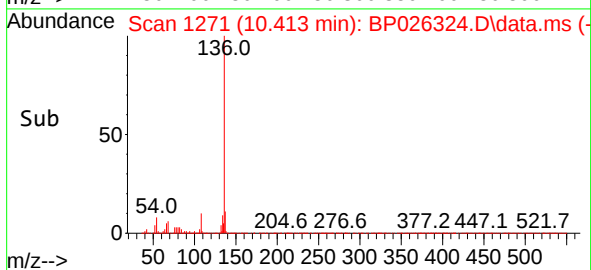
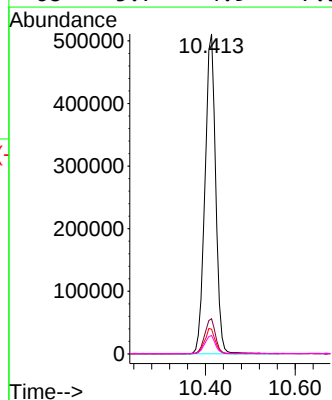
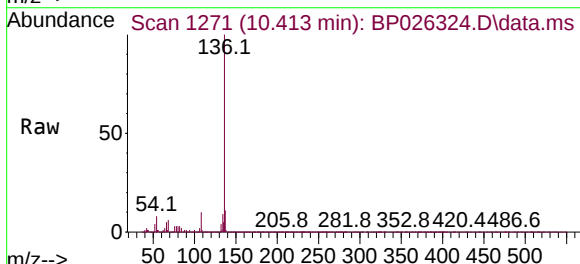
Instrument :
BNA_P
ClientSampleId :
COAM5

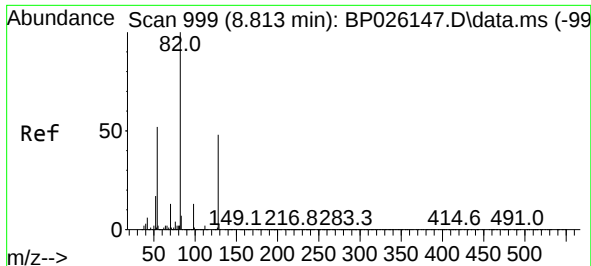
Tgt Ion: 99 Resp: 1343596
Ion Ratio Lower Upper
99 100
42 15.9 12.9 19.3
71 31.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

Tgt Ion: 136 Resp: 842745
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.4 9.6
68 5.7 4.9 7.3

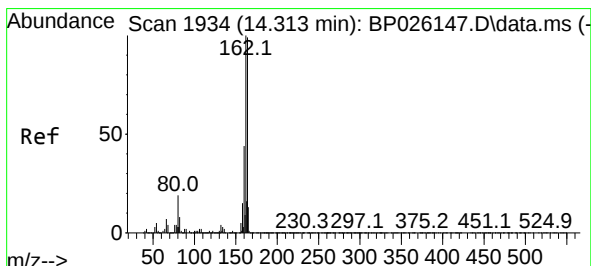
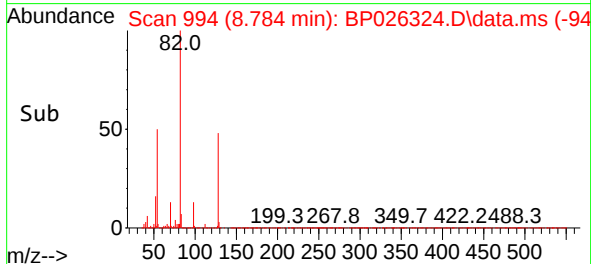
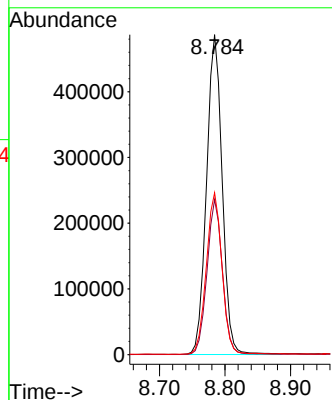
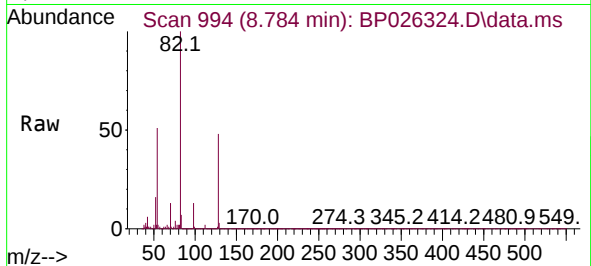




#23
Nitrobenzene-d5
Concen: 54.162 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

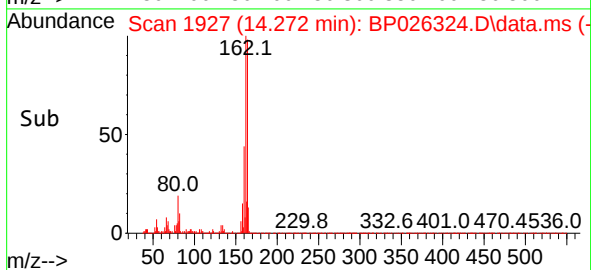
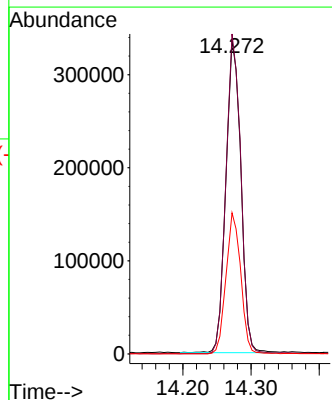
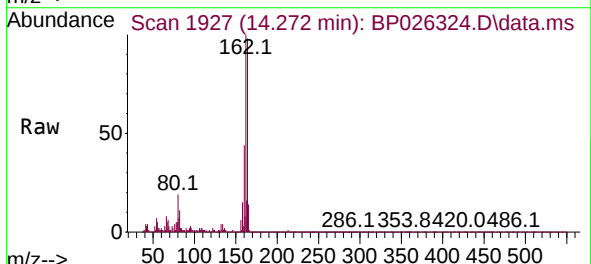
Instrument :
BNA_P
ClientSampleId :
COAM5

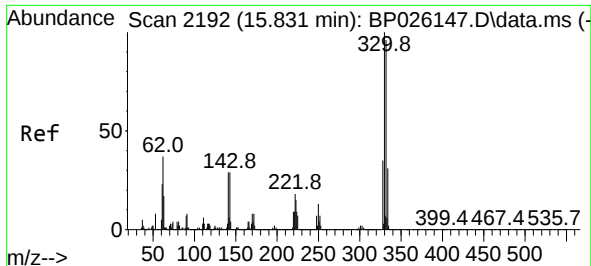
Tgt Ion: 82 Resp: 806204
Ion Ratio Lower Upper
82 100
128 48.5 37.4 56.0
54 50.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

Tgt Ion:164 Resp: 512526
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.9 35.2 52.8

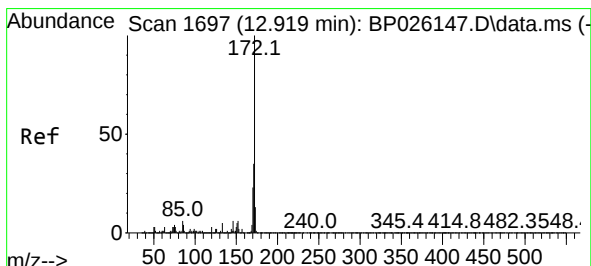
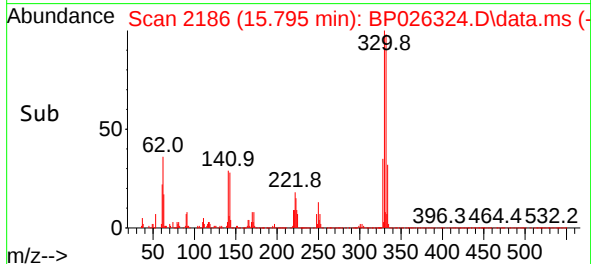
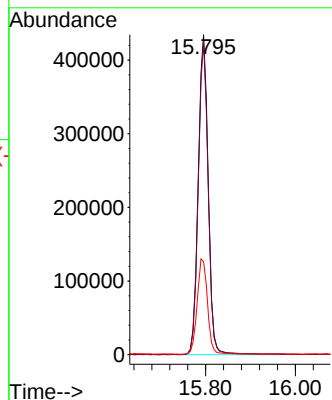
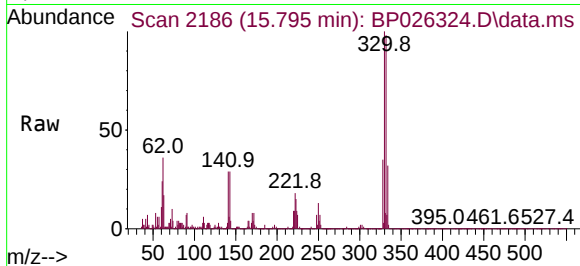




#42
2,4,6-Tribromophenol
Concen: 98.550 ng
RT: 15.795 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

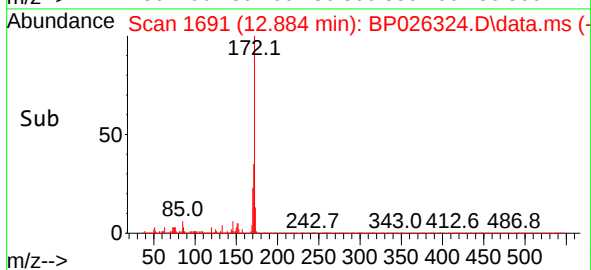
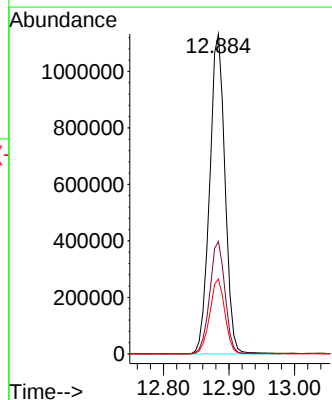
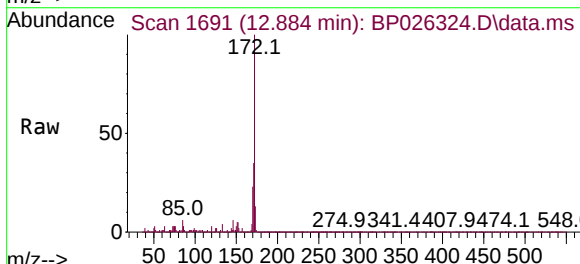
Instrument :
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ClientSampleId :
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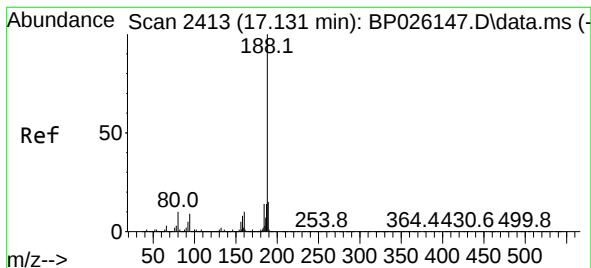
Tgt Ion:330 Resp: 671248
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 30.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 51.790 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP026324.D
Acq: 15 Dec 2025 14:09

Tgt Ion:172 Resp: 1836000
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.078 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP026324.D

Acq: 15 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

C0AM5

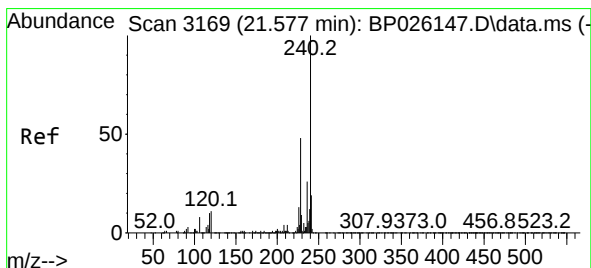
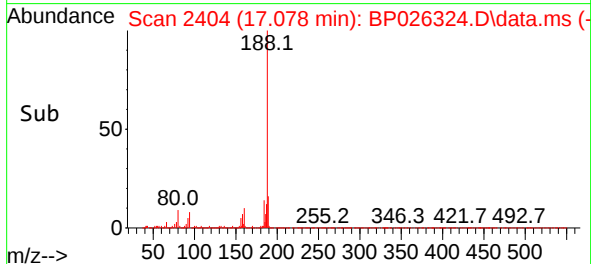
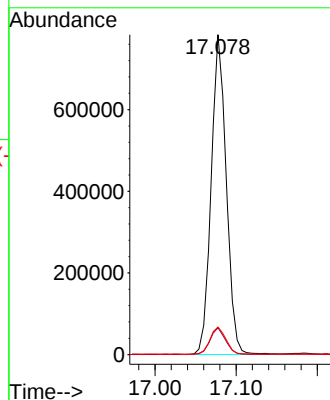
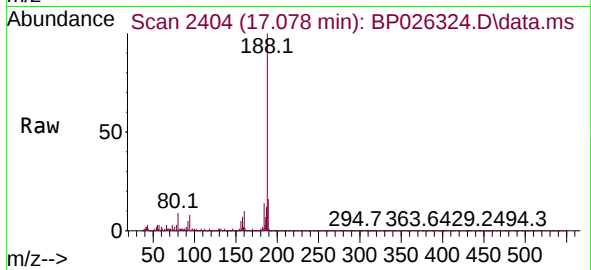
Tgt Ion:188 Resp: 1016066

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

80 8.6 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: BP026324.D

Acq: 15 Dec 2025 14:09

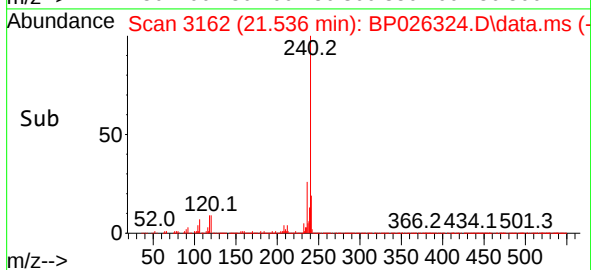
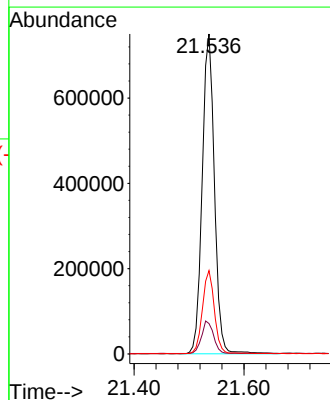
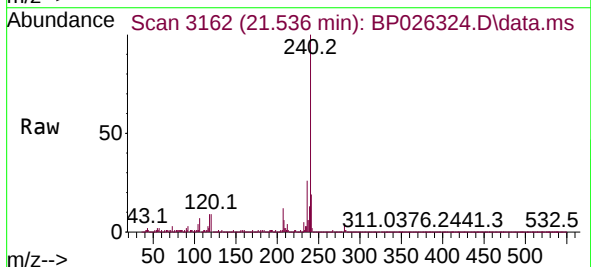
Tgt Ion:240 Resp: 1156137

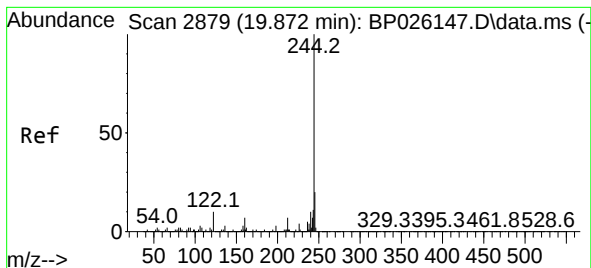
Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 47.732 ng

RT: 19.836 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026324.D

Acq: 15 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

COAM5

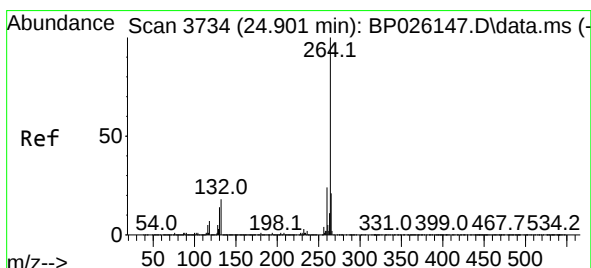
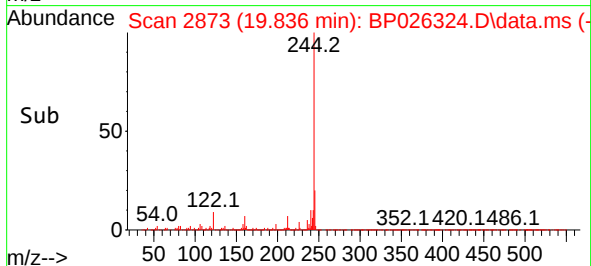
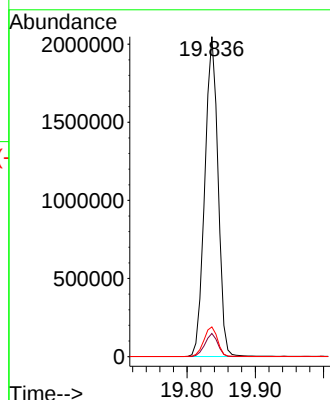
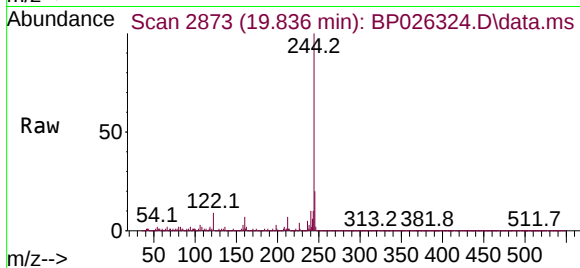
Tgt Ion:244 Resp: 2769767

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.006 min

Lab File: BP026324.D

Acq: 15 Dec 2025 14:09

Tgt Ion:264 Resp: 1415921

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.4 17.5 26.3

