

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026325.D
 Acq On : 15 Dec 2025 14:50
 Operator : RC/JU
 Sample : Q3839-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AM7

Quant Time: Dec 15 15:25:49 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)

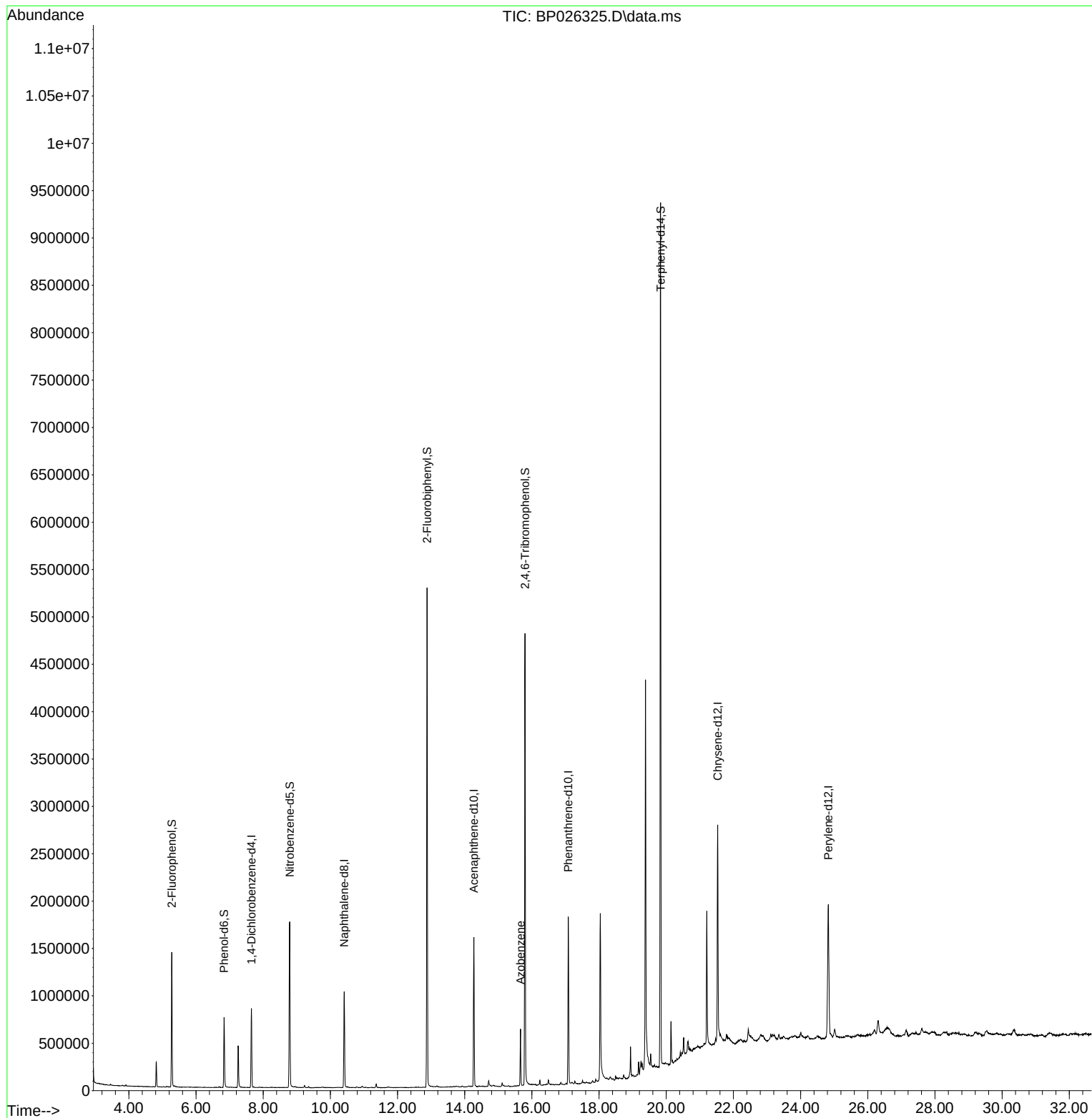
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	234076	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	872699	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	555224	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	1117393	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1315558	20.000	ng	0.00
86) Perylene-d12	24.824	264	1478204	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	642507	44.130	ng	0.00
7) Phenol-d6	6.837	99	450804	24.525	ng	0.00
23) Nitrobenzene-d5	8.790	82	1042447	67.629	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	969348	131.371	ng	0.00
45) 2-Fluorobiphenyl	12.878	172	2741542	71.387	ng	-0.01
79) Terphenyl-d14	19.831	244	5320486	80.578	ng	0.00
Target Compounds						
63) Azobenzene	15.660	77	150586	4.292	ng	Qvalue # 1

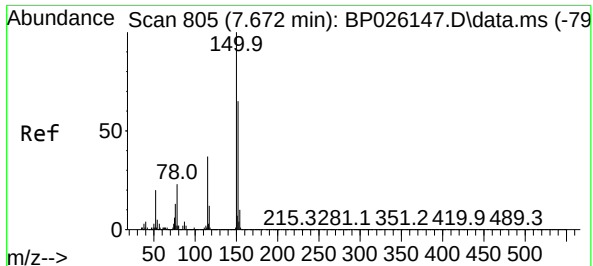
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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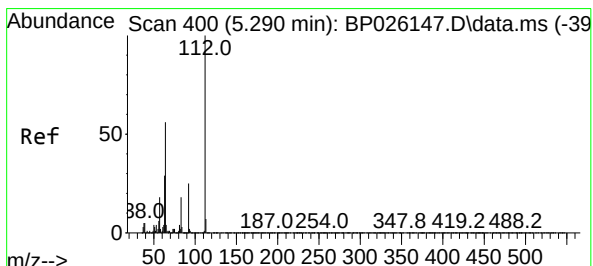
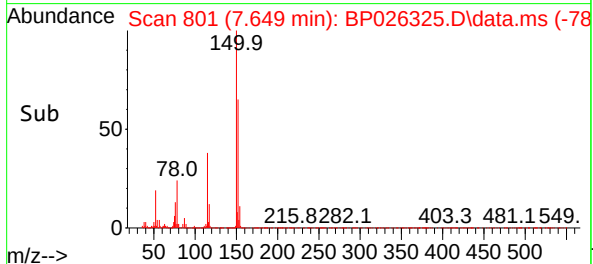
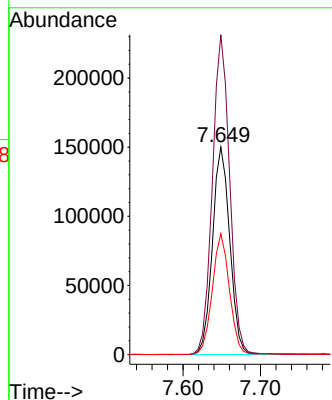
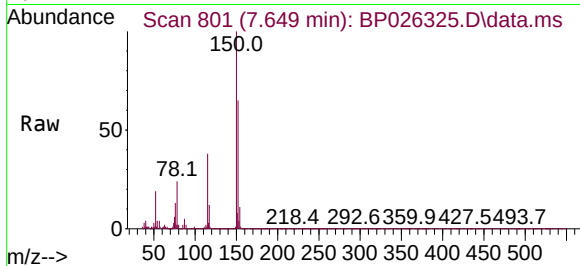




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

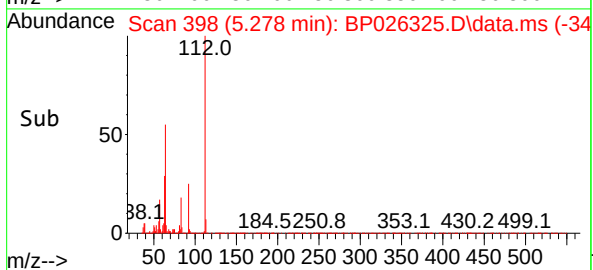
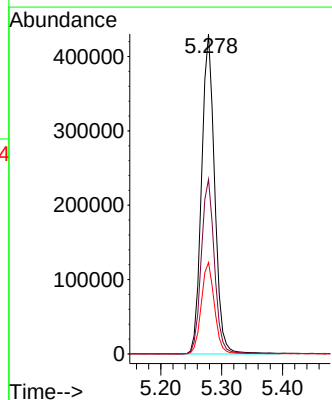
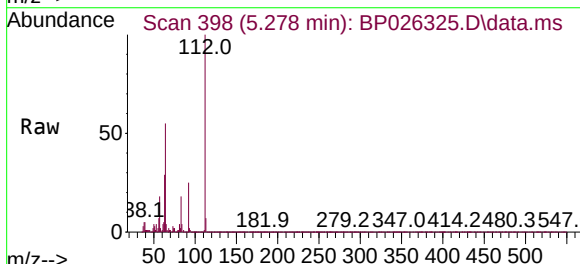
Instrument :
BNA_P
ClientSampleId :
C0AM7

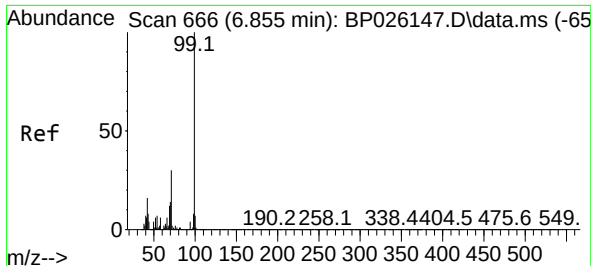
Tgt Ion:152 Resp: 234076
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 58.2 46.3 69.5



#5
2-Fluorophenol
Concen: 44.130 ng
RT: 5.278 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

Tgt Ion:112 Resp: 642507
Ion Ratio Lower Upper
112 100
64 54.5 45.8 68.6
63 28.6 23.5 35.3

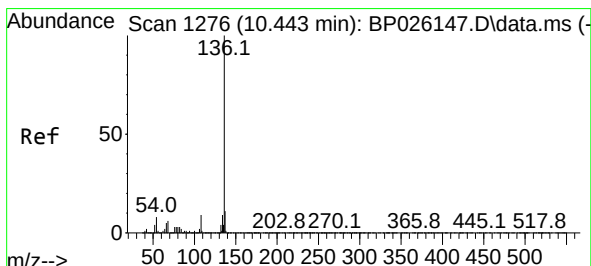
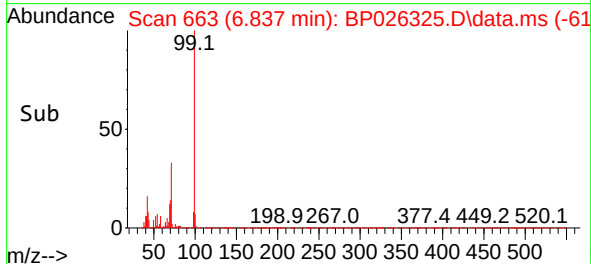
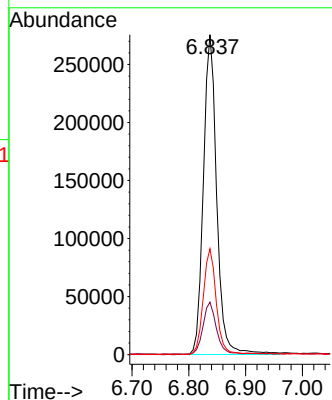
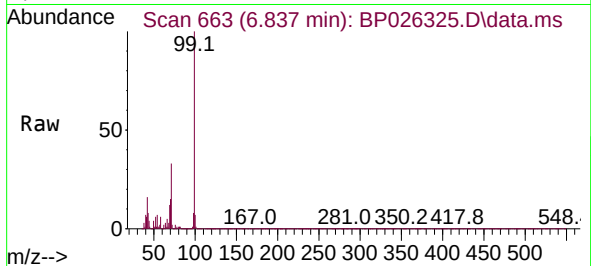




#7
Phenol-d6
Concen: 24.525 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

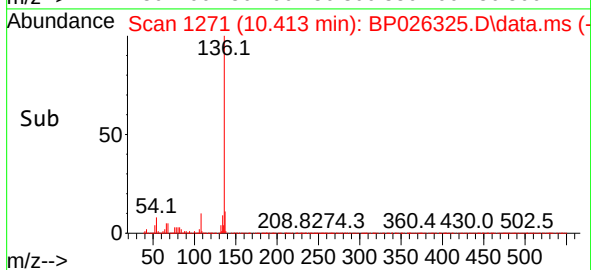
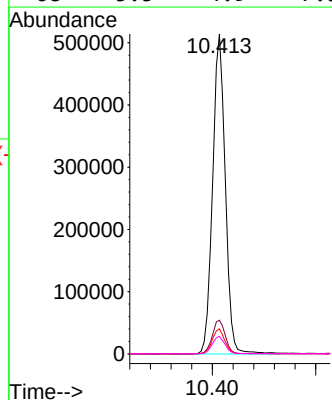
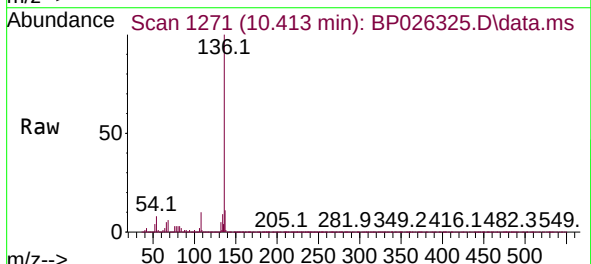
Instrument :
BNA_P
ClientSampleId :
C0AM7

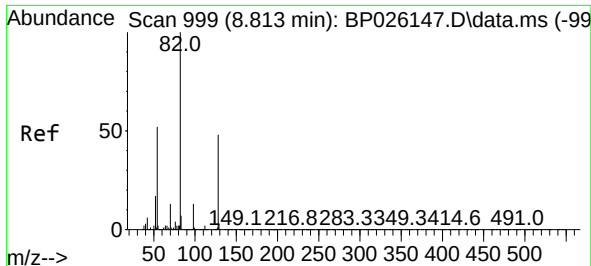
Tgt Ion: 99 Resp: 450804
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 33.1 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

Tgt Ion: 136 Resp: 872699
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.8 6.4 9.6
68 5.5 4.9 7.3

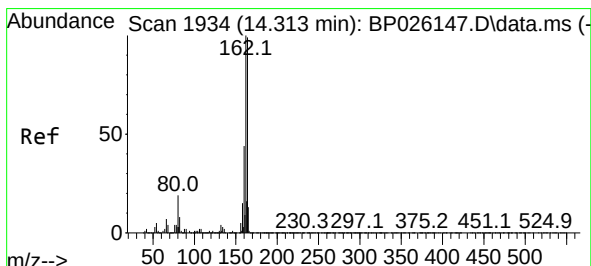
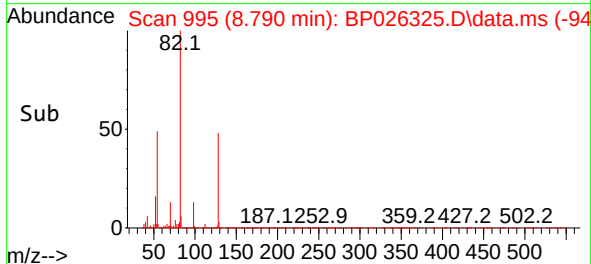
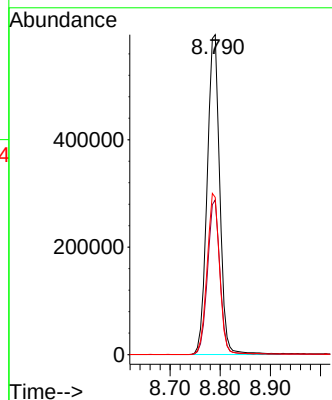
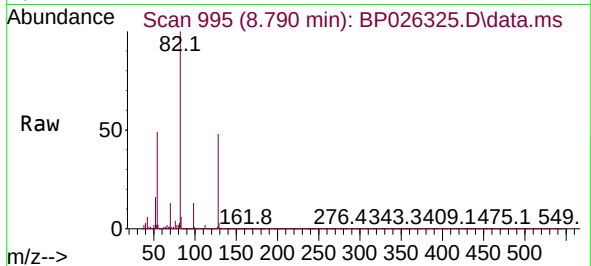




#23
Nitrobenzene-d5
Concen: 67.629 ng
RT: 8.790 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

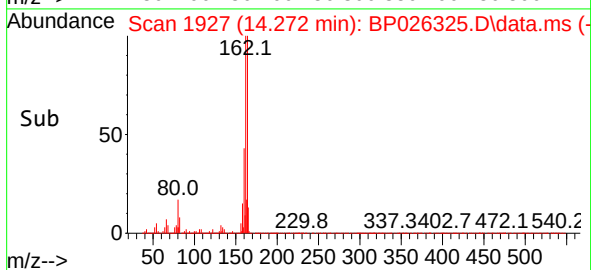
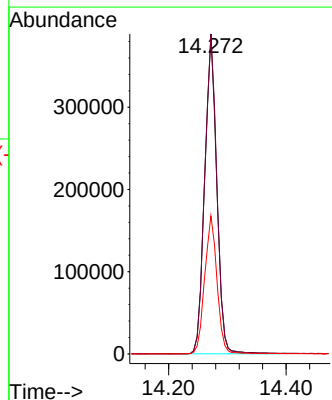
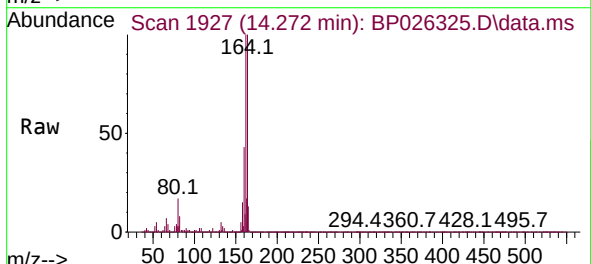
Instrument :
BNA_P
ClientSampleId :
COAM7

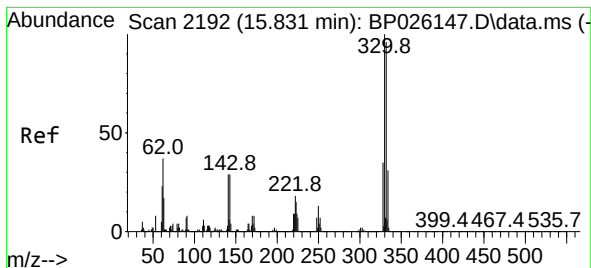
Tgt Ion: 82 Resp: 1042447
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.0
54 49.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

Tgt Ion:164 Resp: 555224
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 43.2 35.2 52.8

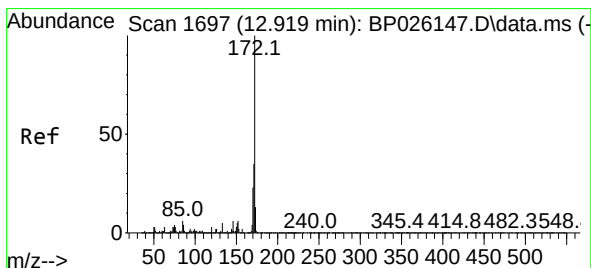
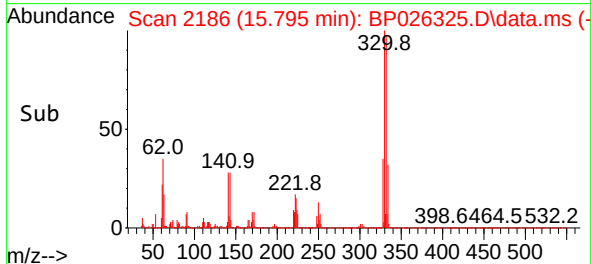
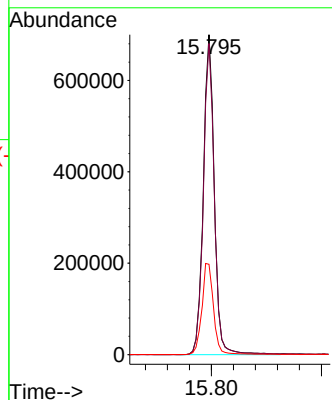
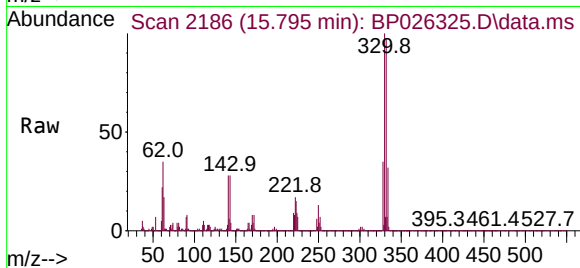




#42
2,4,6-Tribromophenol
Concen: 131.371 ng
RT: 15.795 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

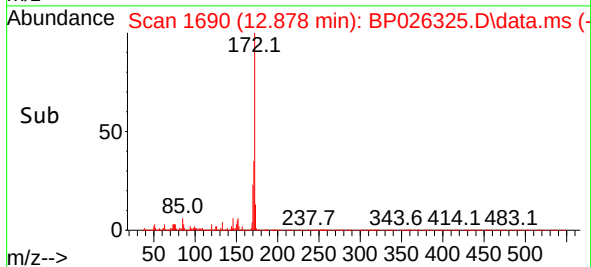
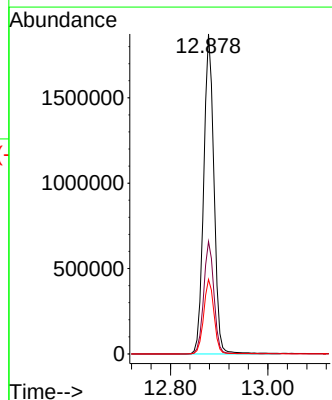
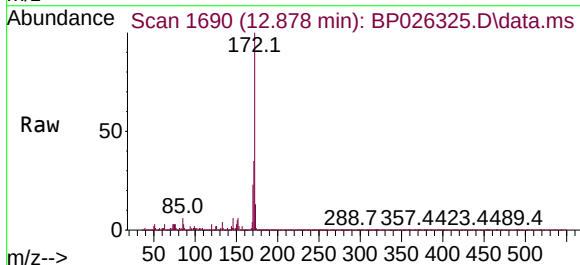
Instrument :
BNA_P
ClientSampleId :
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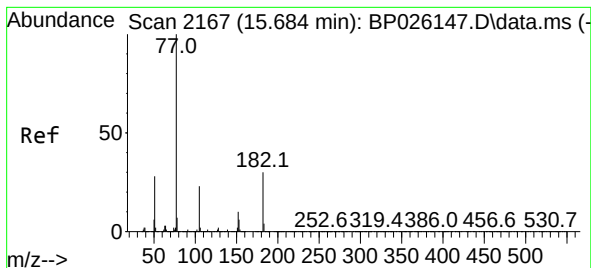
Tgt Ion:330 Resp: 969348
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 30.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 71.387 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

Tgt Ion:172 Resp: 2741542
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 18.7 28.1





#63

Azobenzene

Concen: 4.292 ng

RT: 15.660 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026325.D

Acq: 15 Dec 2025 14:50

Instrument :

BNA_P

ClientSampleId :

C0AM7

Tgt Ion: 77 Resp: 150586

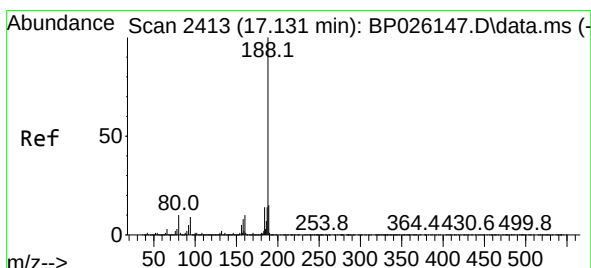
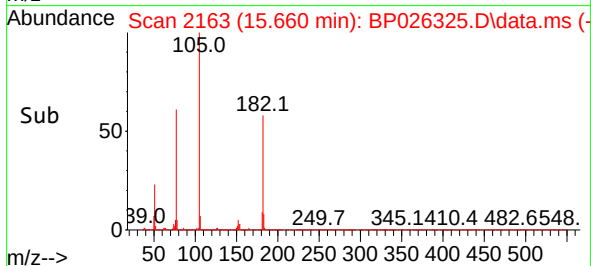
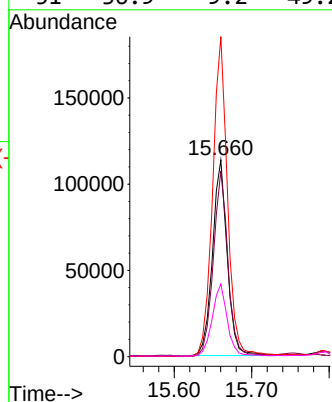
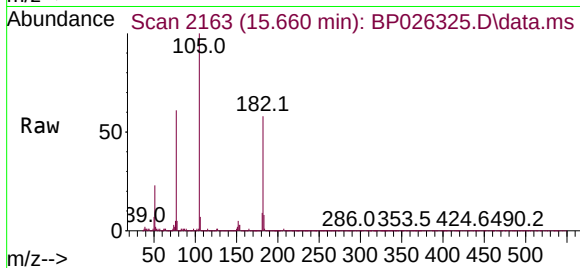
Ion Ratio Lower Upper

77 100

182 94.3 8.8 48.8#

105 162.6 2.6 42.6#

51 36.9 9.2 49.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.084 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP026325.D

Acq: 15 Dec 2025 14:50

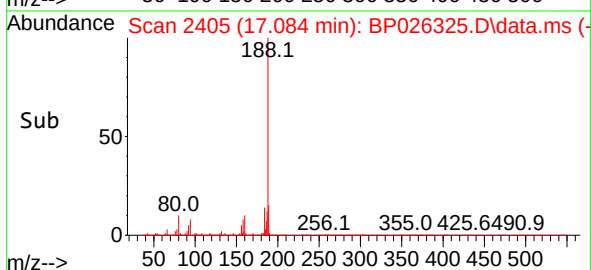
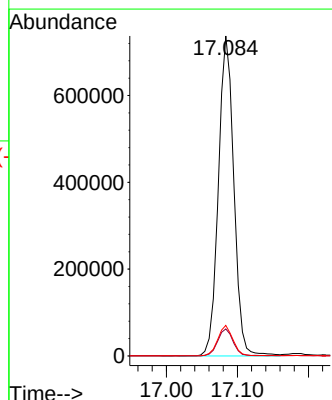
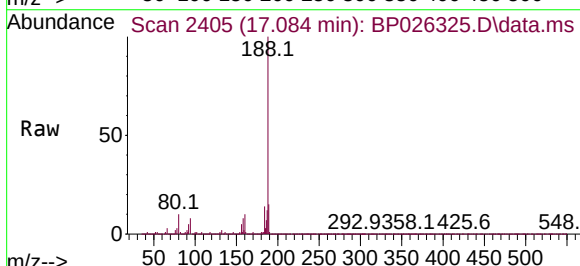
Tgt Ion:188 Resp: 1117393

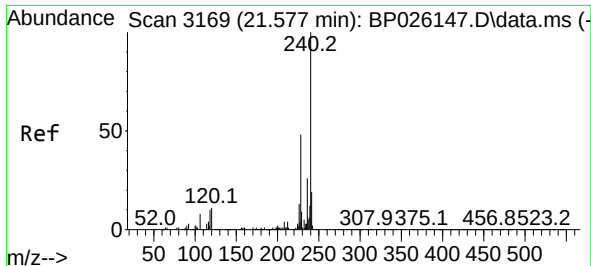
Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

80 9.5 8.2 12.2

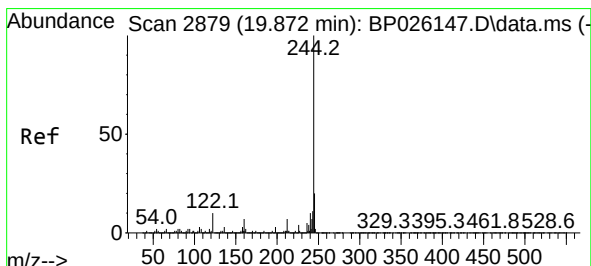
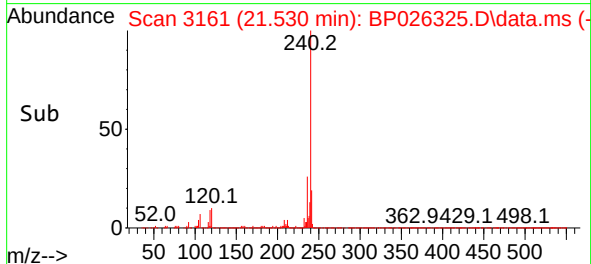
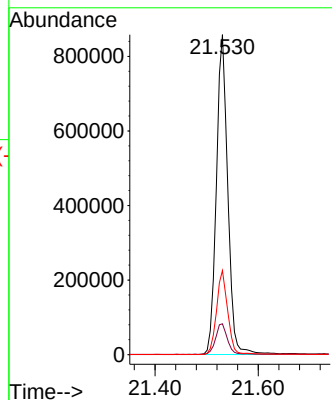
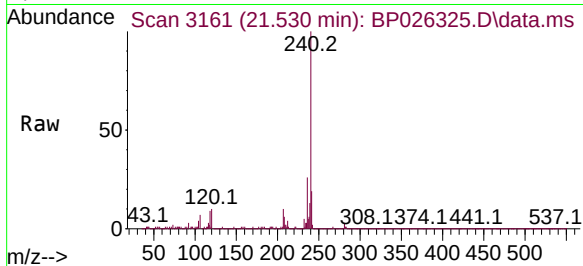




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

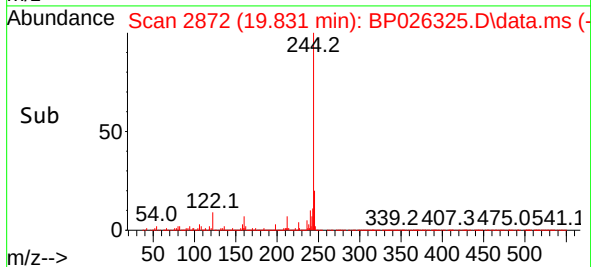
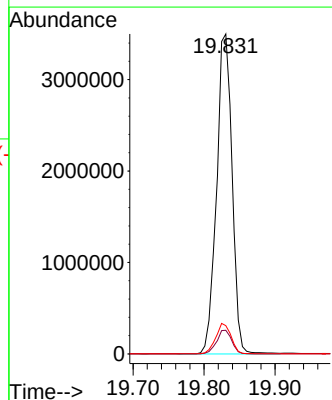
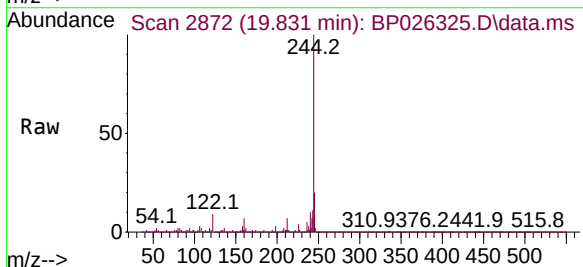
Instrument :
BNA_P
ClientSampleId :
COAM7

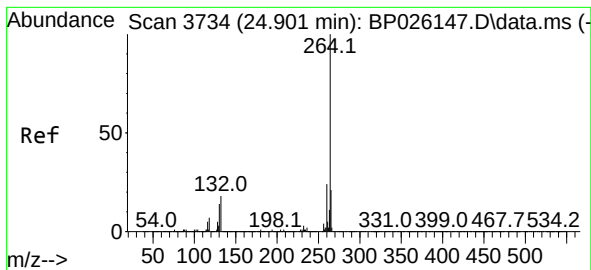
Tgt Ion:240 Resp: 1315558
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.3 20.4 30.6



#79
Terphenyl-d14
Concen: 80.578 ng
RT: 19.831 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP026325.D
Acq: 15 Dec 2025 14:50

Tgt Ion:244 Resp: 5320486
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 8.8 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026325.D

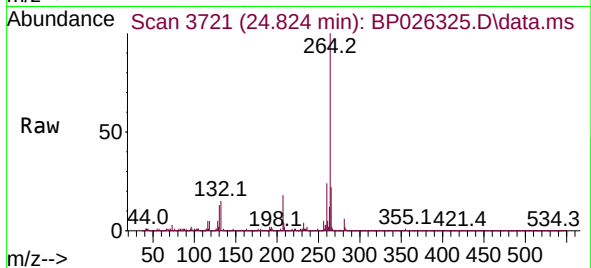
Acq: 15 Dec 2025 14:50

Instrument :

BNA_P

ClientSampleId :

C0AM7



Tgt Ion:264 Resp: 1478204

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.5 17.5 26.3

