

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026295.D
 Acq On : 11 Dec 2025 16:34
 Operator : RC/JU
 Sample : Q3815-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RE

Quant Time: Dec 11 16:53:45 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	228414	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	851930	20.000	ng	-0.01
39) Acenaphthene-d10	14.272	164	524482	20.000	ng	-0.02
64) Phenanthrene-d10	17.083	188	1057510	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1197937	20.000	ng	0.00
86) Perylene-d12	24.818	264	1286966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1535854	108.101	ng	0.00
7) Phenol-d6	6.831	99	1673334	93.305	ng	0.00
23) Nitrobenzene-d5	8.778	82	1227300	82.000	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	884248	129.642	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2951403	81.814	ng	-0.02
79) Terphenyl-d14	19.824	244	4836442	82.519	ng	-0.01

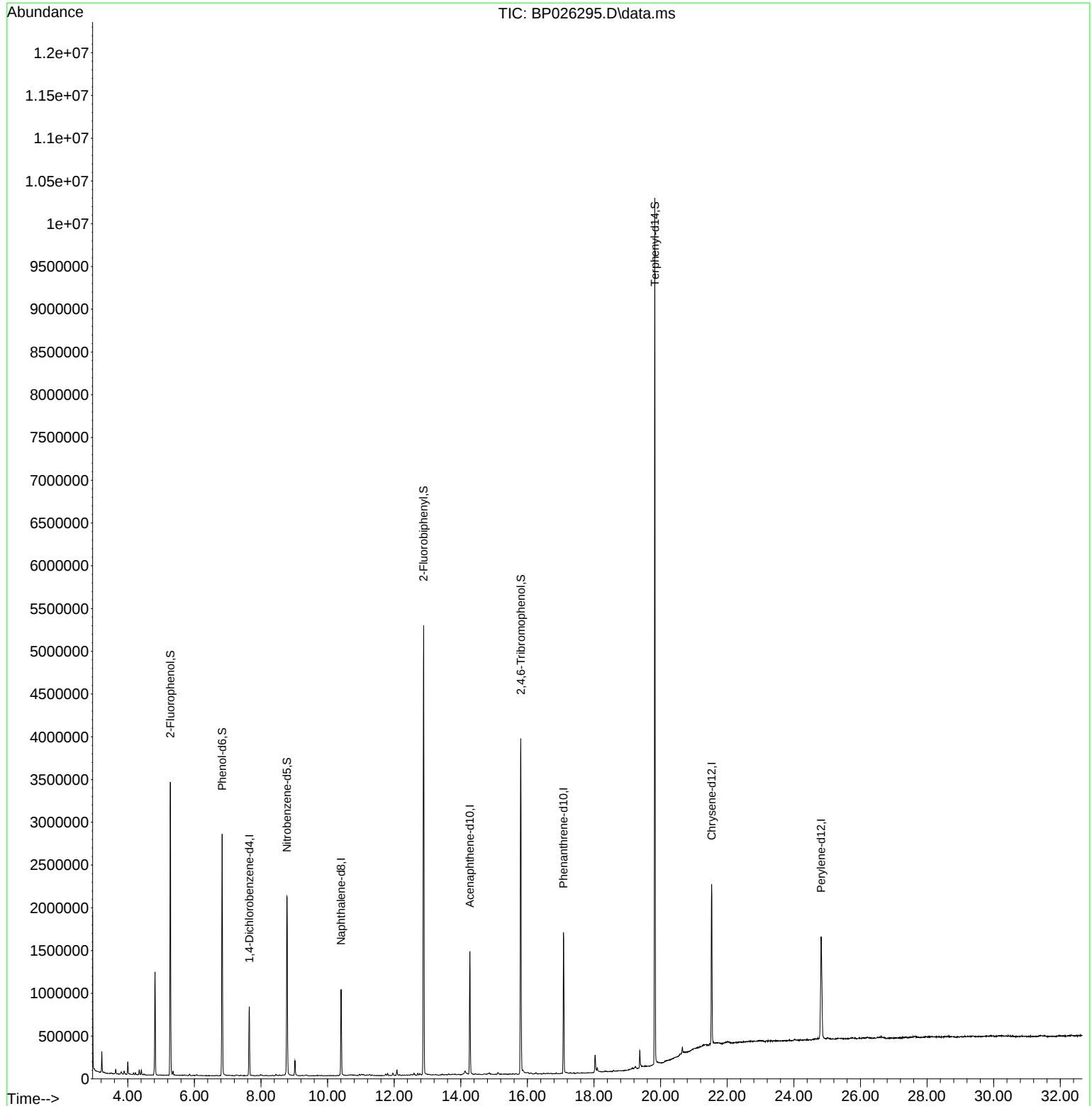
Target Compounds	Qvalue

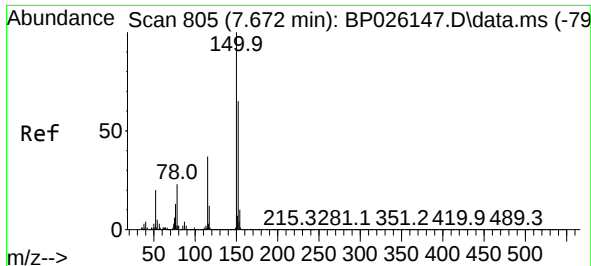
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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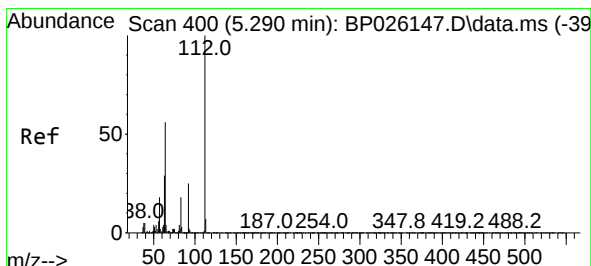
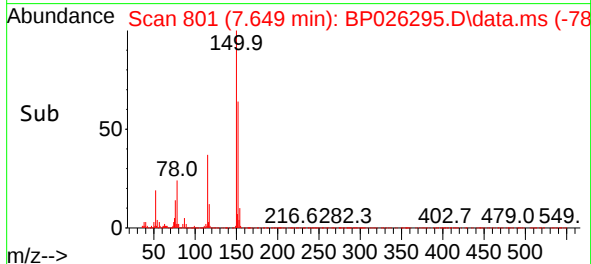
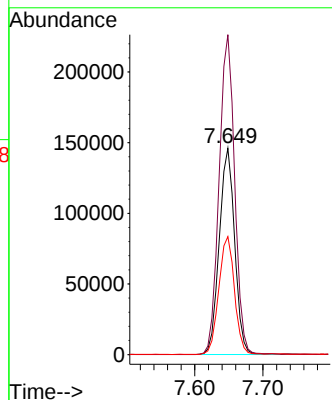
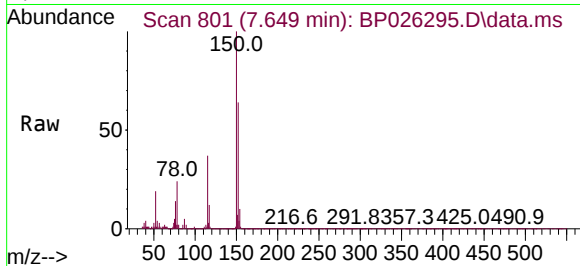




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

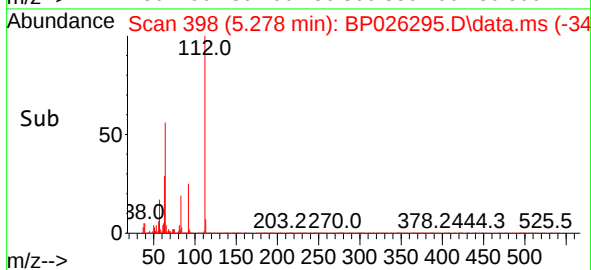
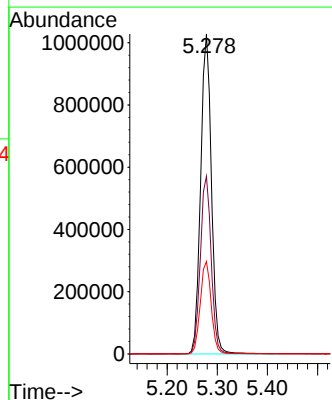
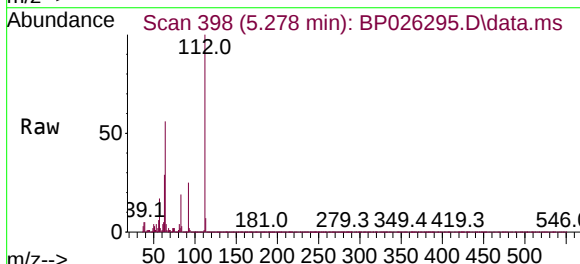
Instrument :
BNA_P
ClientSampleId :
RE

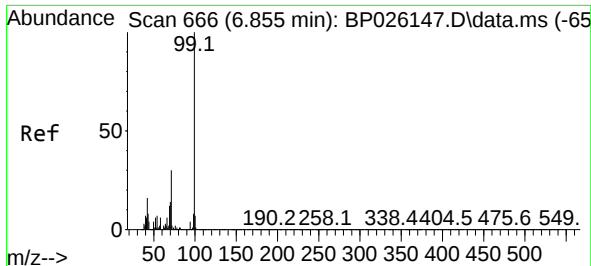
Tgt Ion:152 Resp: 228414
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.6
115 57.2 46.3 69.5



#5
2-Fluorophenol
Concen: 108.101 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

Tgt Ion:112 Resp: 1535854
Ion Ratio Lower Upper
112 100
64 55.5 45.8 68.6
63 28.9 23.5 35.3

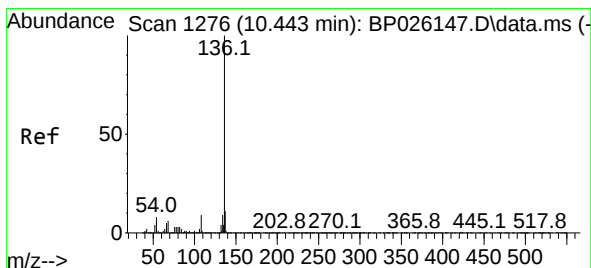
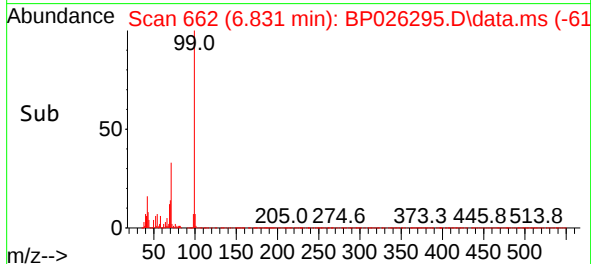
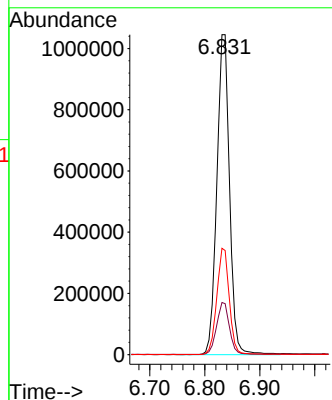
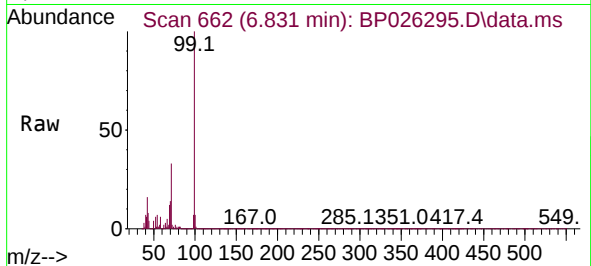




#7
Phenol-d6
Concen: 93.305 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

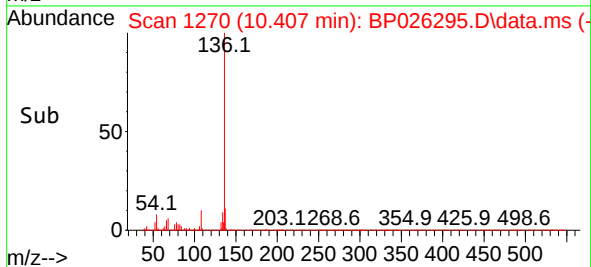
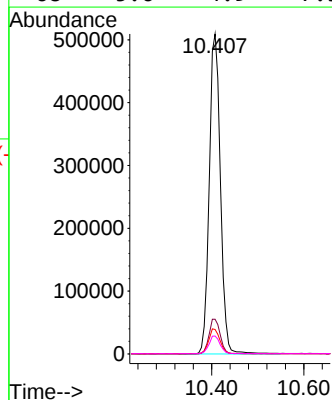
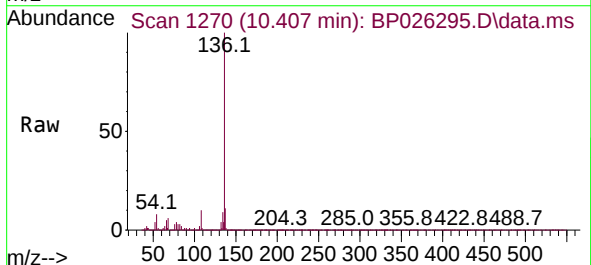
Instrument :
BNA_P
ClientSampleId :
RE

Tgt Ion: 99 Resp: 1673334
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 33.2 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

Tgt Ion:136 Resp: 851930
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.4 9.6
68 5.6 4.9 7.3

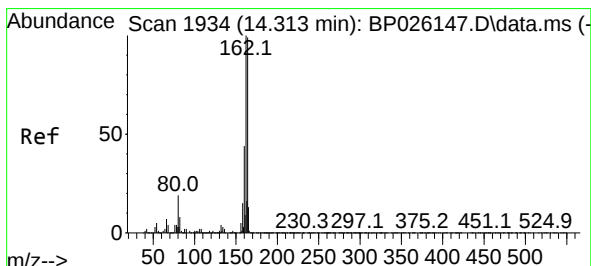
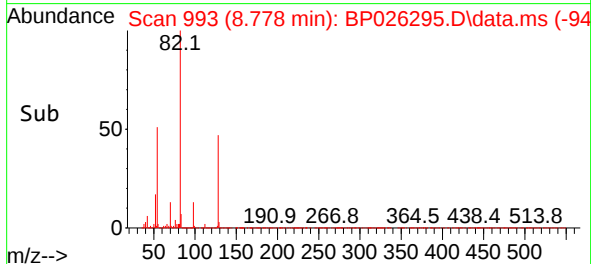
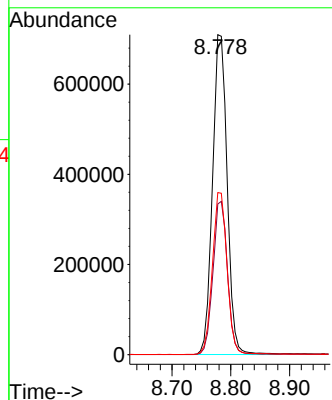
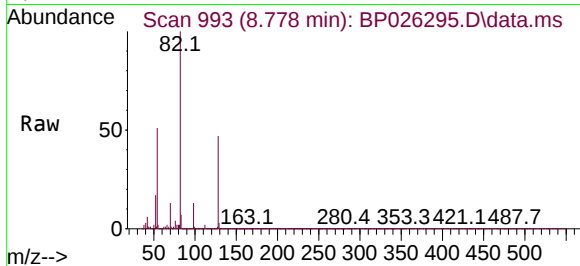




#23
Nitrobenzene-d5
Concen: 82.000 ng
RT: 8.778 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

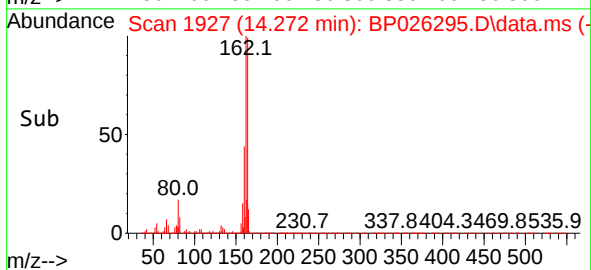
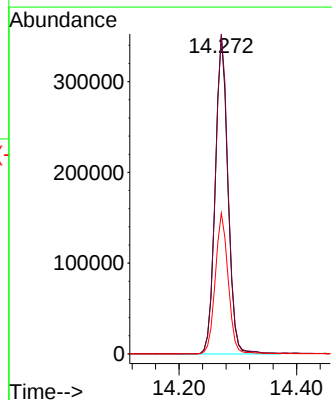
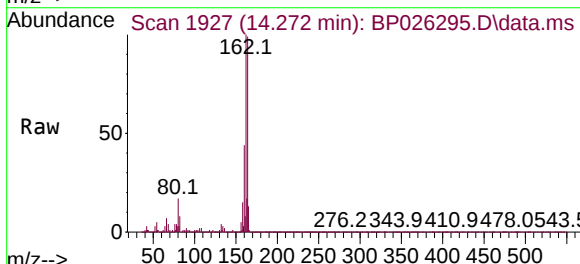
Instrument :
BNA_P
ClientSampleId :
RE

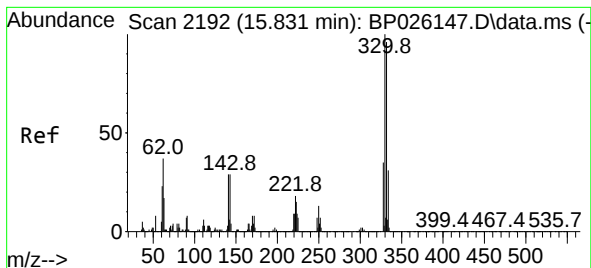
Tgt Ion: 82 Resp: 1227300
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 50.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.272 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

Tgt Ion:164 Resp: 524482
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 129.642 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026295.D

Acq: 11 Dec 2025 16:34

Instrument :

BNA_P

ClientSampleId :

RE

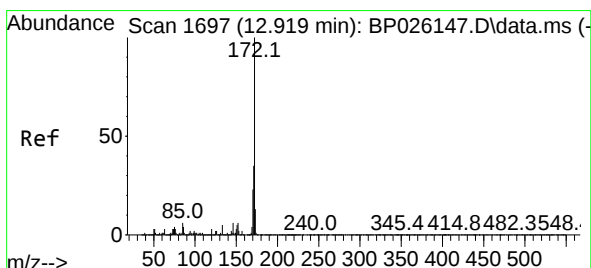
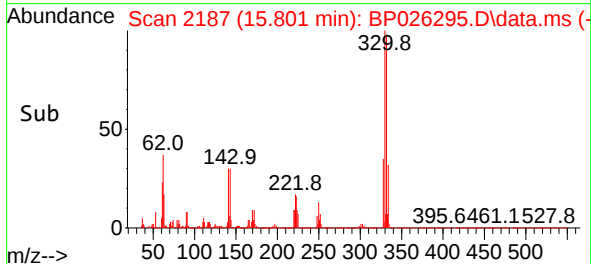
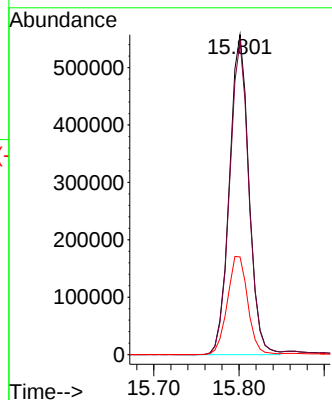
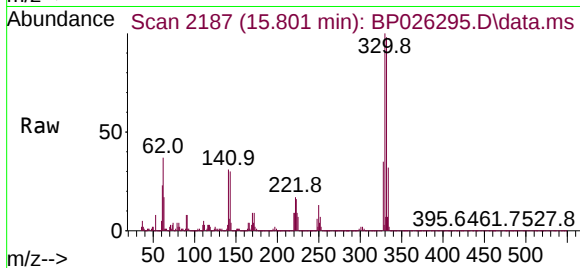
Tgt Ion:330 Resp: 884248

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 32.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 81.814 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026295.D

Acq: 11 Dec 2025 16:34

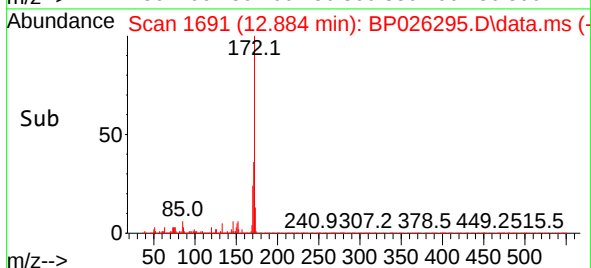
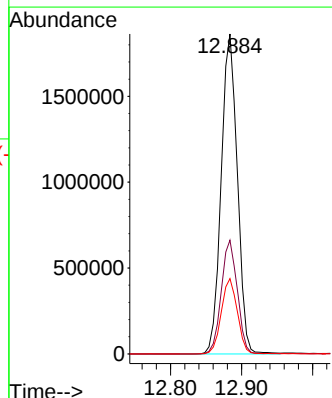
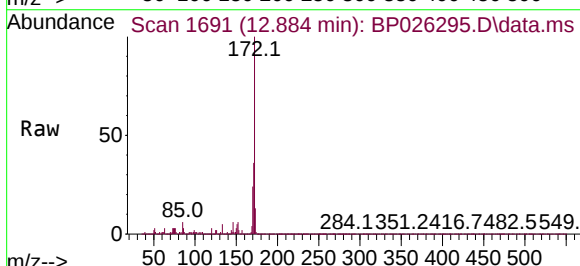
Tgt Ion:172 Resp: 2951403

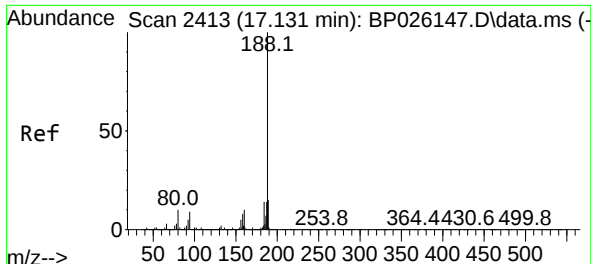
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 18.7 28.1

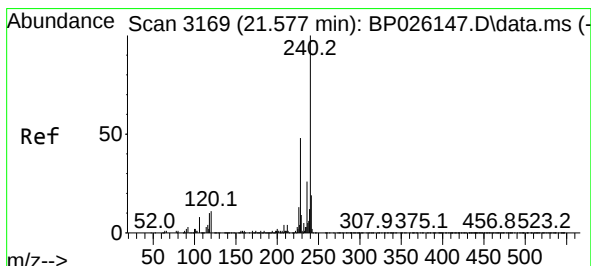
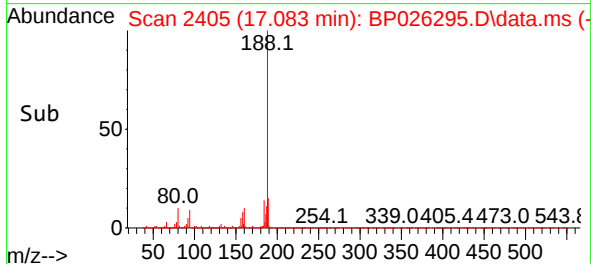
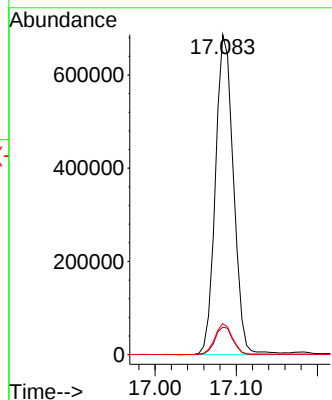
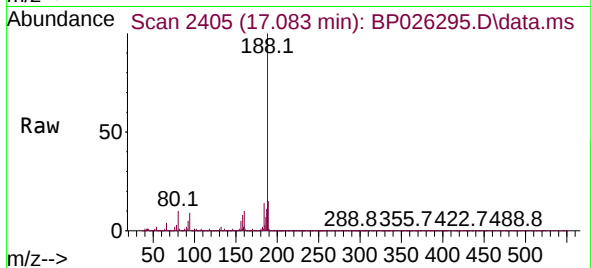




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

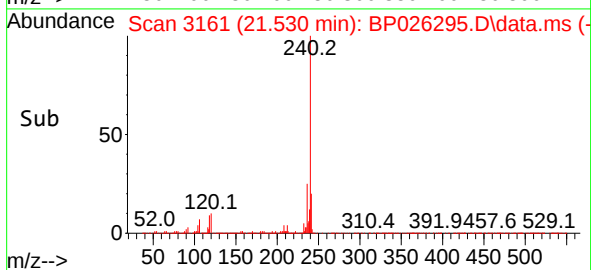
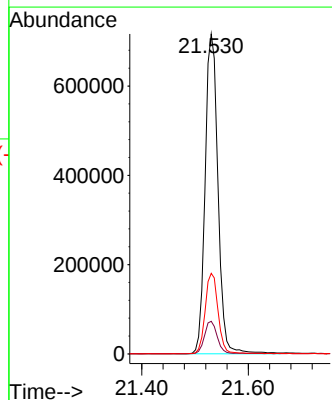
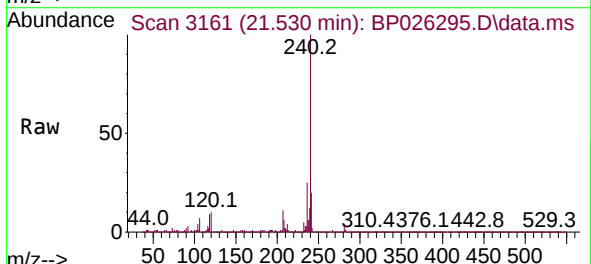
Instrument :
BNA_P
ClientSampleId :
RE

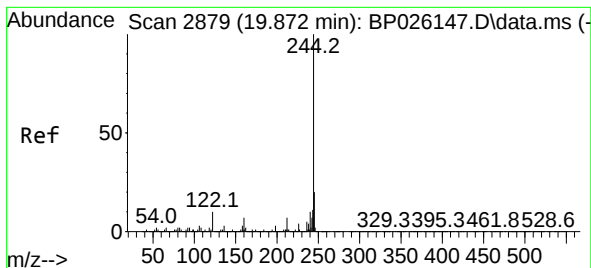
Tgt Ion:188 Resp: 1057510
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026295.D
Acq: 11 Dec 2025 16:34

Tgt Ion:240 Resp: 1197937
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 82.519 ng

RT: 19.824 min Scan# 2879

Delta R.T. -0.012 min

Lab File: BP026295.D

Acq: 11 Dec 2025 16:34

Instrument :

BNA_P

ClientSampleId :

RE

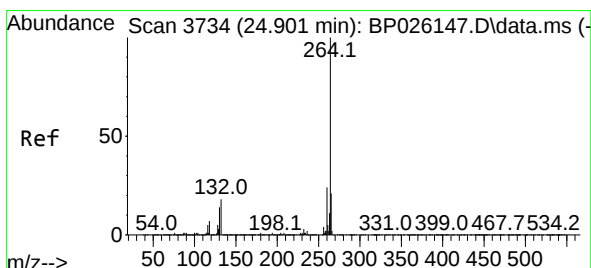
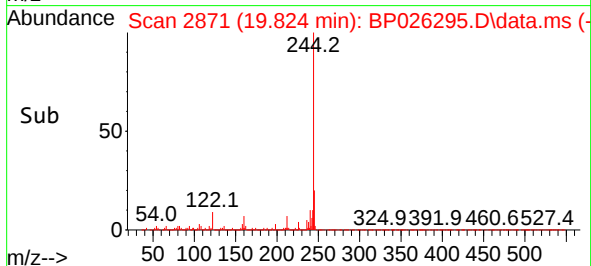
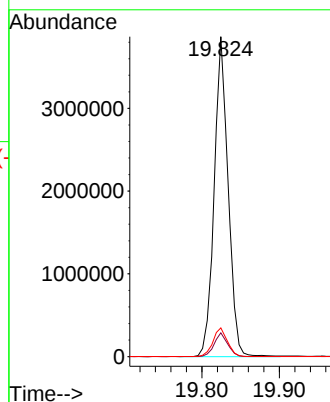
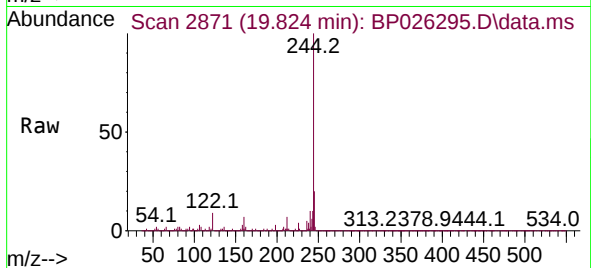
Tgt Ion:244 Resp: 4836442

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 9.0 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: BP026295.D

Acq: 11 Dec 2025 16:34

Tgt Ion:264 Resp: 1286966

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.4 17.5 26.3

