

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
 Data File : BP026242.D
 Acq On : 05 Dec 2025 17:31
 Operator : RC/JU
 Sample : Q3782-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 05 18:29:31 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	7.648	152	217484	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	820383	20.000	ng	-0.01
39) Acenaphthene-d10	14.283	164	519456	20.000	ng	0.00
64) Phenanthrene-d10	17.101	188	1044863	20.000	ng	0.00
76) Chrysene-d12	21.542	240	1178691	20.000	ng	0.00
86) Perylene-d12	24.842	264	1407883	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1016455	75.138	ng	0.00
7) Phenol-d6	6.831	99	1283701	75.177	ng	0.00
23) Nitrobenzene-d5	8.778	82	763805	52.995	ng	-0.01
42) 2,4,6-Tribromophenol	15.807	330	542252	80.270	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	1932943	54.100	ng	0.00
79) Terphenyl-d14	19.848	244	3208522	55.638	ng	0.01

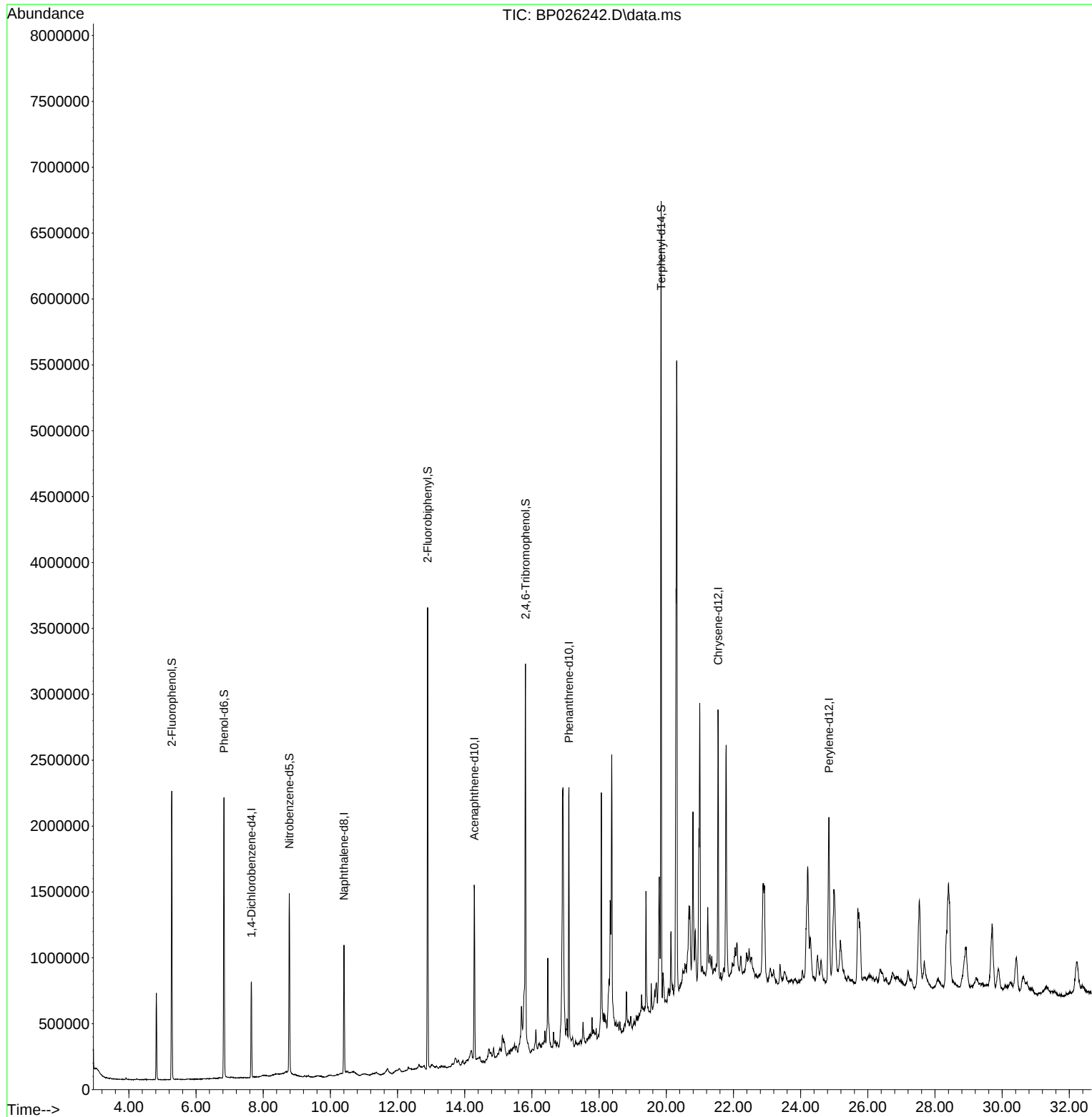
Target Compounds	Qvalue

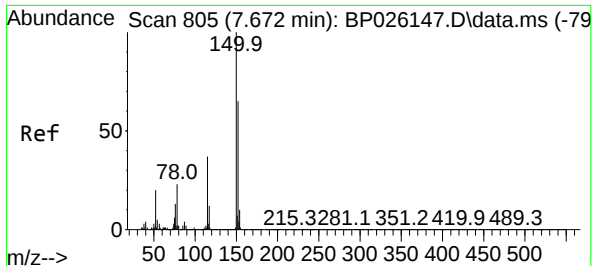
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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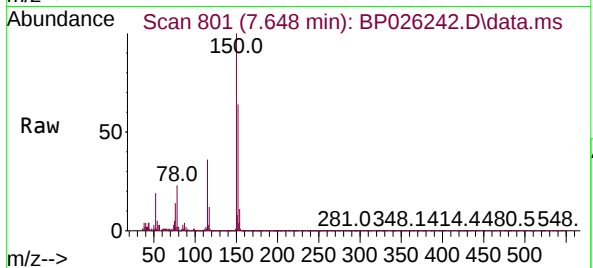
Quant Time: Dec 05 18:29:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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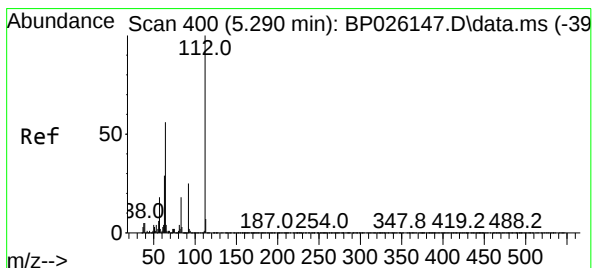
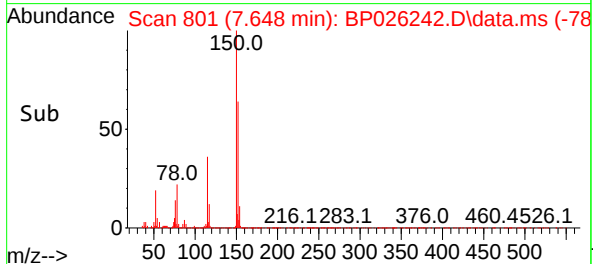
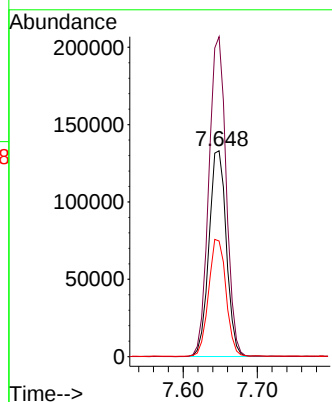


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.648 min Scan# 80
Delta R.T. -0.007 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

Instrument :
BNA_P
ClientSampleId :

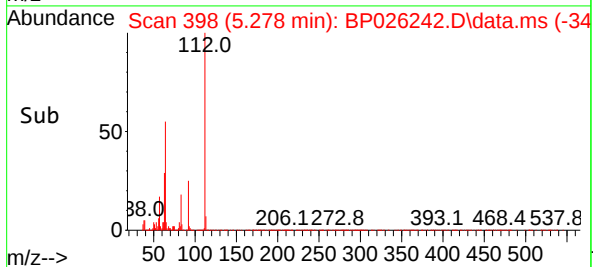
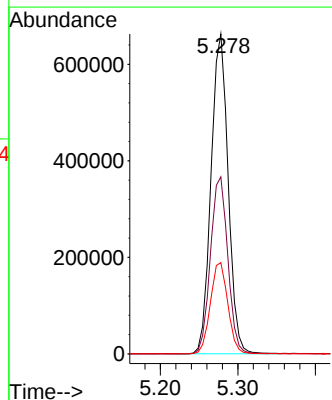
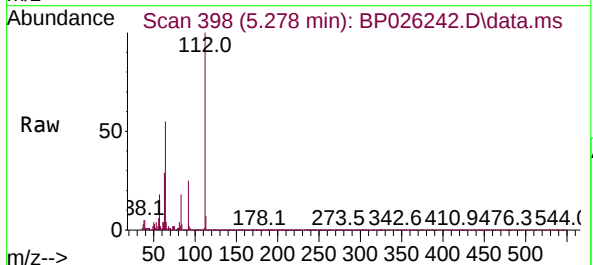


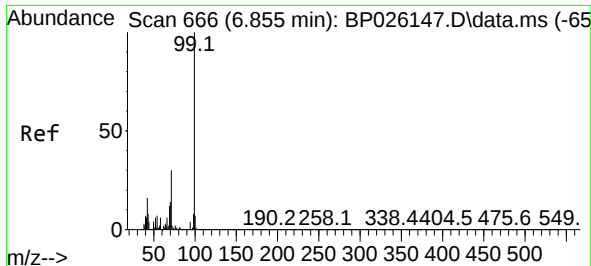
Tgt Ion:152 Resp: 217484
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 56.2 46.3 69.5



#5
2-Fluorophenol
Concen: 75.138 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

Tgt Ion:112 Resp: 1016455
Ion Ratio Lower Upper
112 100
64 55.3 45.8 68.6
63 28.5 23.5 35.3

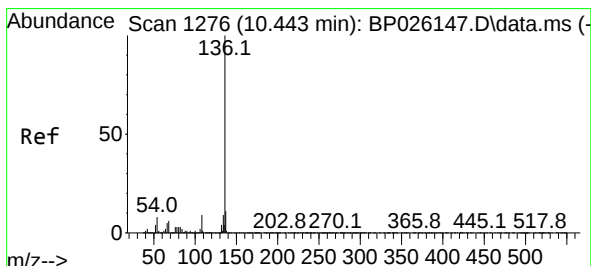
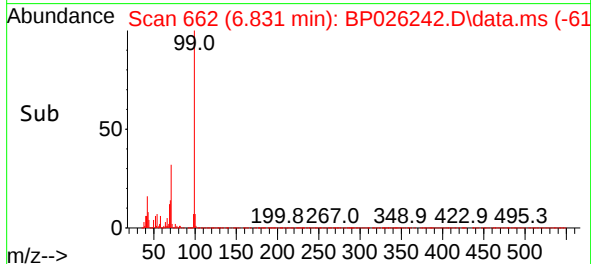
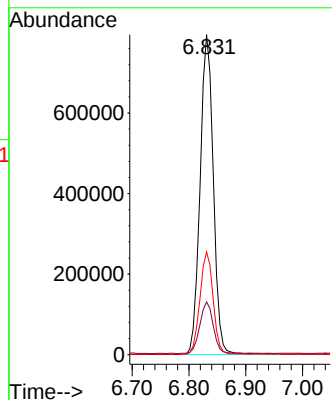
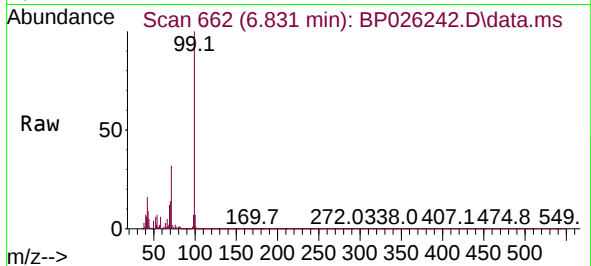




#7
Phenol-d6
Concen: 75.177 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

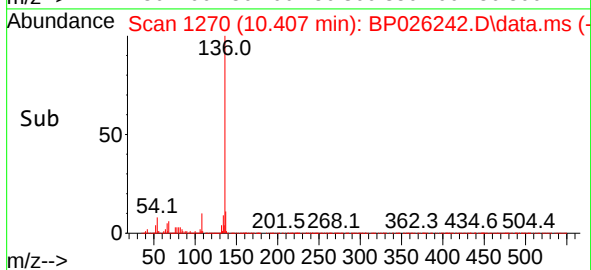
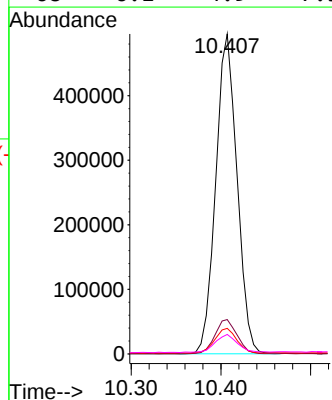
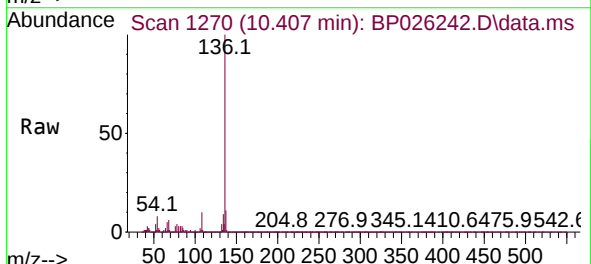
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1283701
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 32.1 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: BP026242.D
Acq: 05 Dec 2025 17:31

Tgt Ion:136 Resp: 820383
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.0 6.4 9.6
68 6.1 4.9 7.3

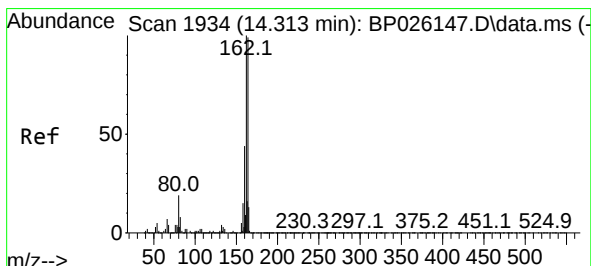
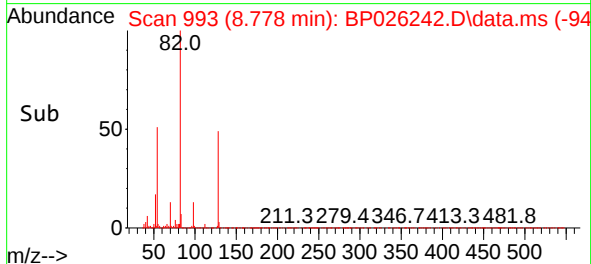
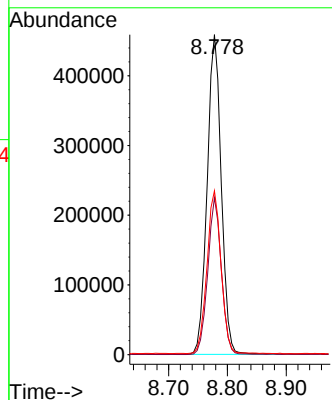
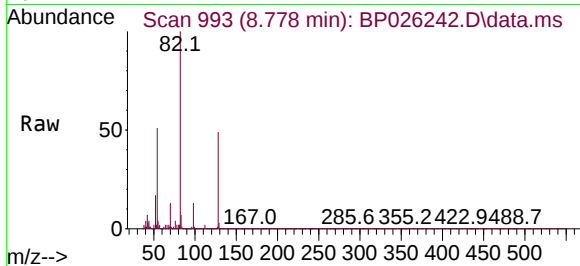




#23
Nitrobenzene-d5
Concen: 52.995 ng
RT: 8.778 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

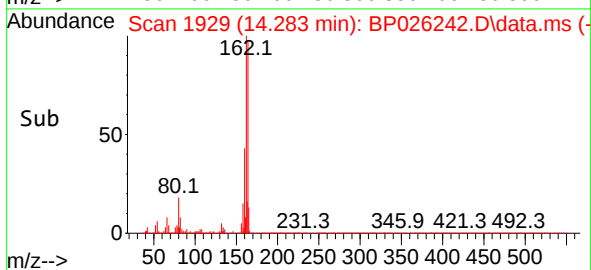
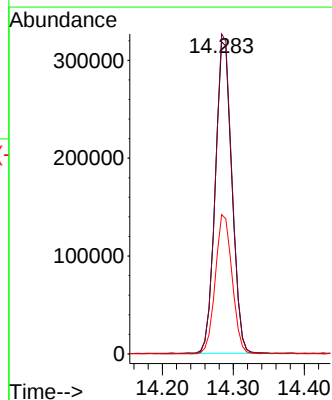
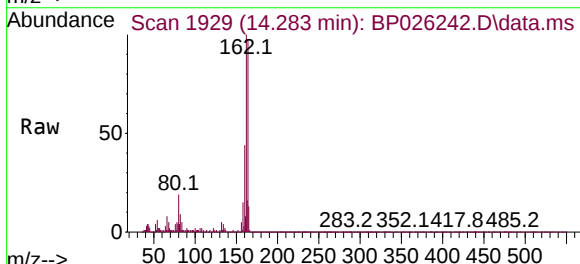
Instrument :
BNA_P
ClientSampleId :

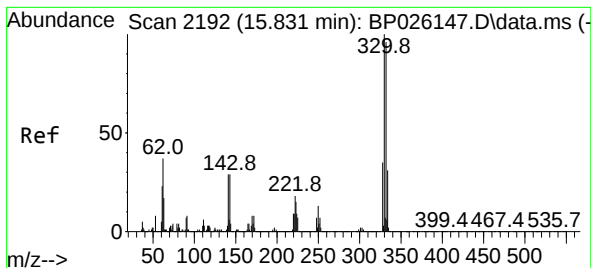
Tgt Ion: 82 Resp: 763805
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.0
54 51.2 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

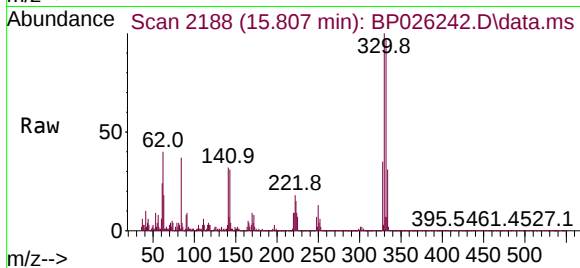
Tgt Ion:164 Resp: 519456
Ion Ratio Lower Upper
164 100
162 102.6 80.3 120.5
160 44.6 35.2 52.8



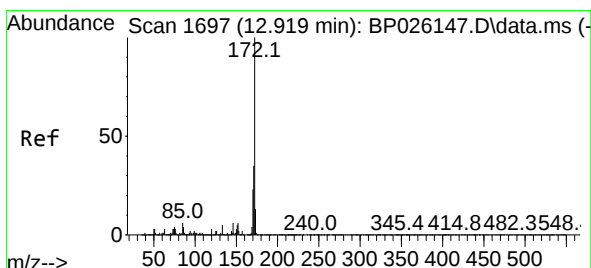
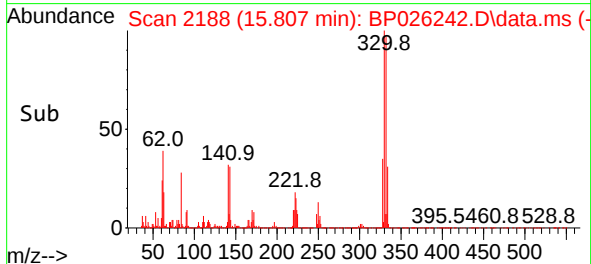
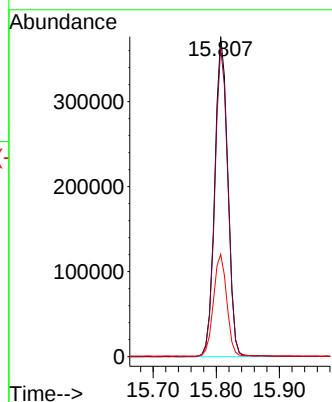


#42
2,4,6-Tribromophenol
Concen: 80.270 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

Instrument :
BNA_P
ClientSampleId :

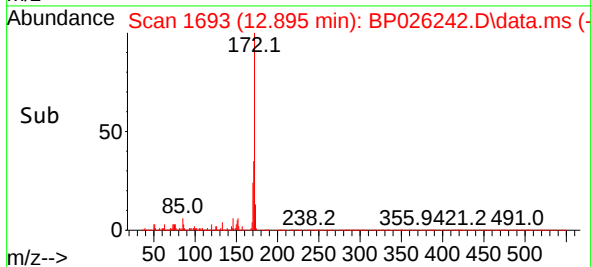
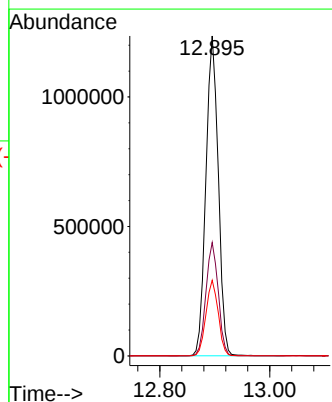
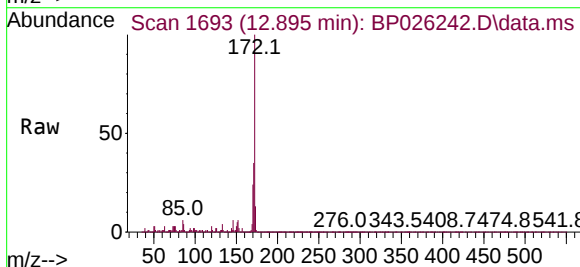


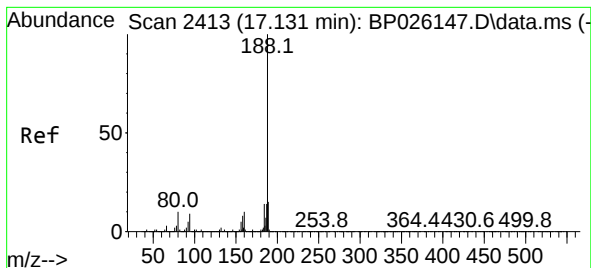
Tgt Ion:330 Resp: 542252
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 32.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 54.100 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP026242.D
Acq: 05 Dec 2025 17:31

Tgt Ion:172 Resp: 1932943
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.101 min Scan# 2413

Delta R.T. 0.005 min

Lab File: BP026242.D

Acq: 05 Dec 2025 17:31

Instrument :

BNA_P

ClientSampleId :

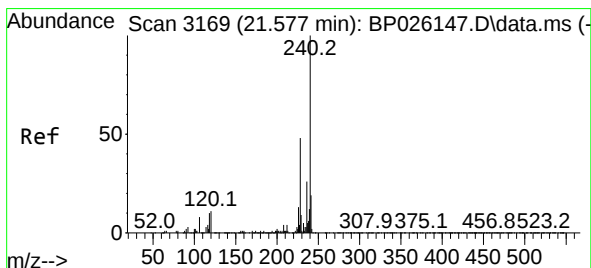
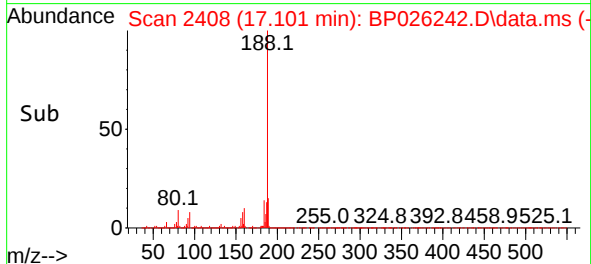
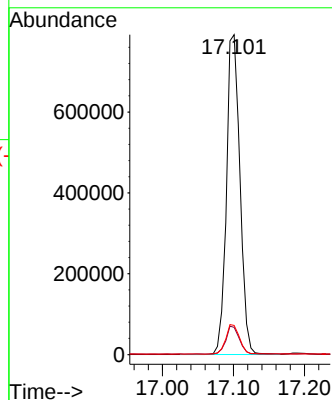
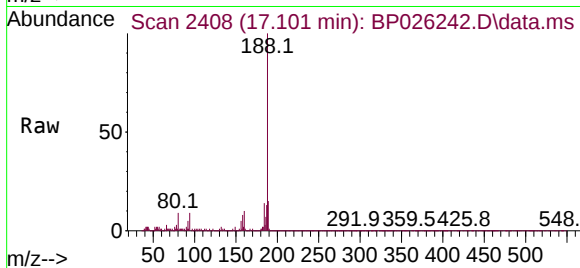
Tgt Ion:188 Resp: 1044863

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.1 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.005 min

Lab File: BP026242.D

Acq: 05 Dec 2025 17:31

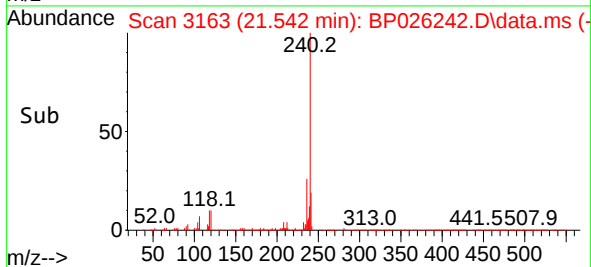
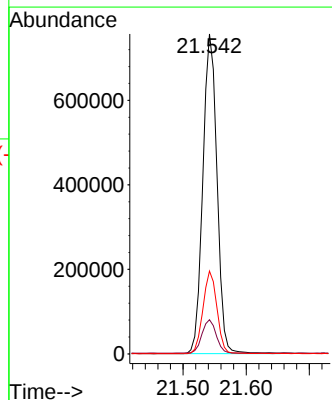
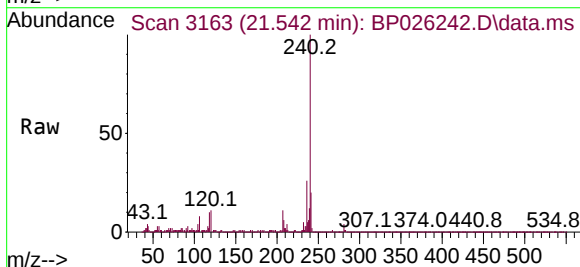
Tgt Ion:240 Resp: 1178691

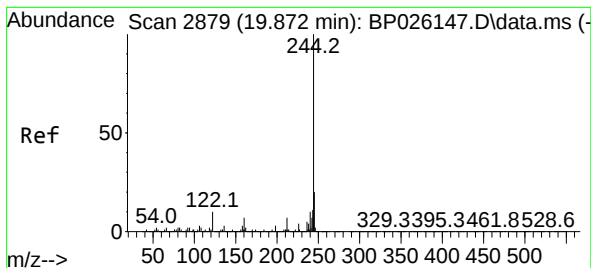
Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 55.638 ng

RT: 19.848 min Scan# 2879

Delta R.T. 0.011 min

Lab File: BP026242.D

Acq: 05 Dec 2025 17:31

Instrument :

BNA_P

ClientSampleId :

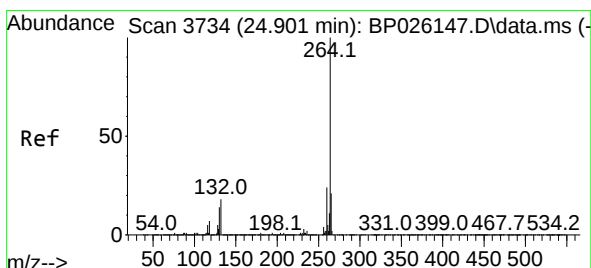
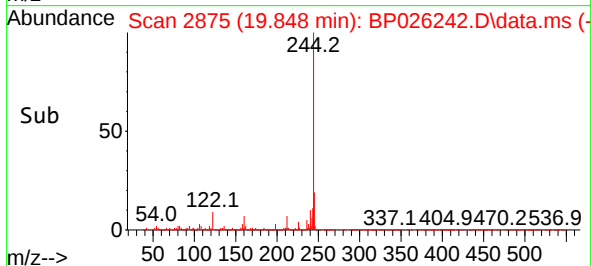
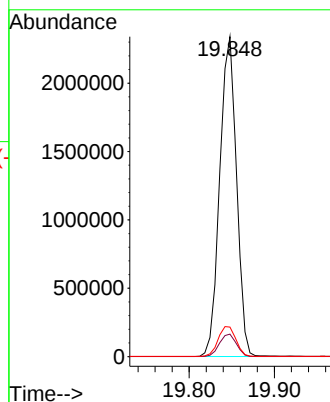
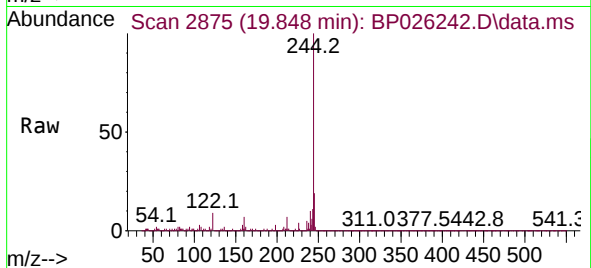
Tgt Ion:244 Resp: 3208522

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.2 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.017 min

Lab File: BP026242.D

Acq: 05 Dec 2025 17:31

Tgt Ion:264 Resp: 1407883

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 17.5 26.3

