

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120525\
 Data File : BP026244.D
 Acq On : 05 Dec 2025 18:53
 Operator : RC/JU
 Sample : Q3782-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 05 21:58:37 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	7.655	152	230221	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	900733	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	575651	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1141991	20.000	ng	0.00
76) Chrysene-d12	21.542	240	1251876	20.000	ng	0.00
86) Perylene-d12	24.842	264	1430907	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	967421	67.557	ng	0.00
7) Phenol-d6	6.837	99	1276505	70.619	ng	0.00
23) Nitrobenzene-d5	8.796	82	770729	48.705	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	470050	62.789	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	2028492	51.232	ng	-0.01
79) Terphenyl-d14	19.830	244	3267072	53.341	ng	0.00

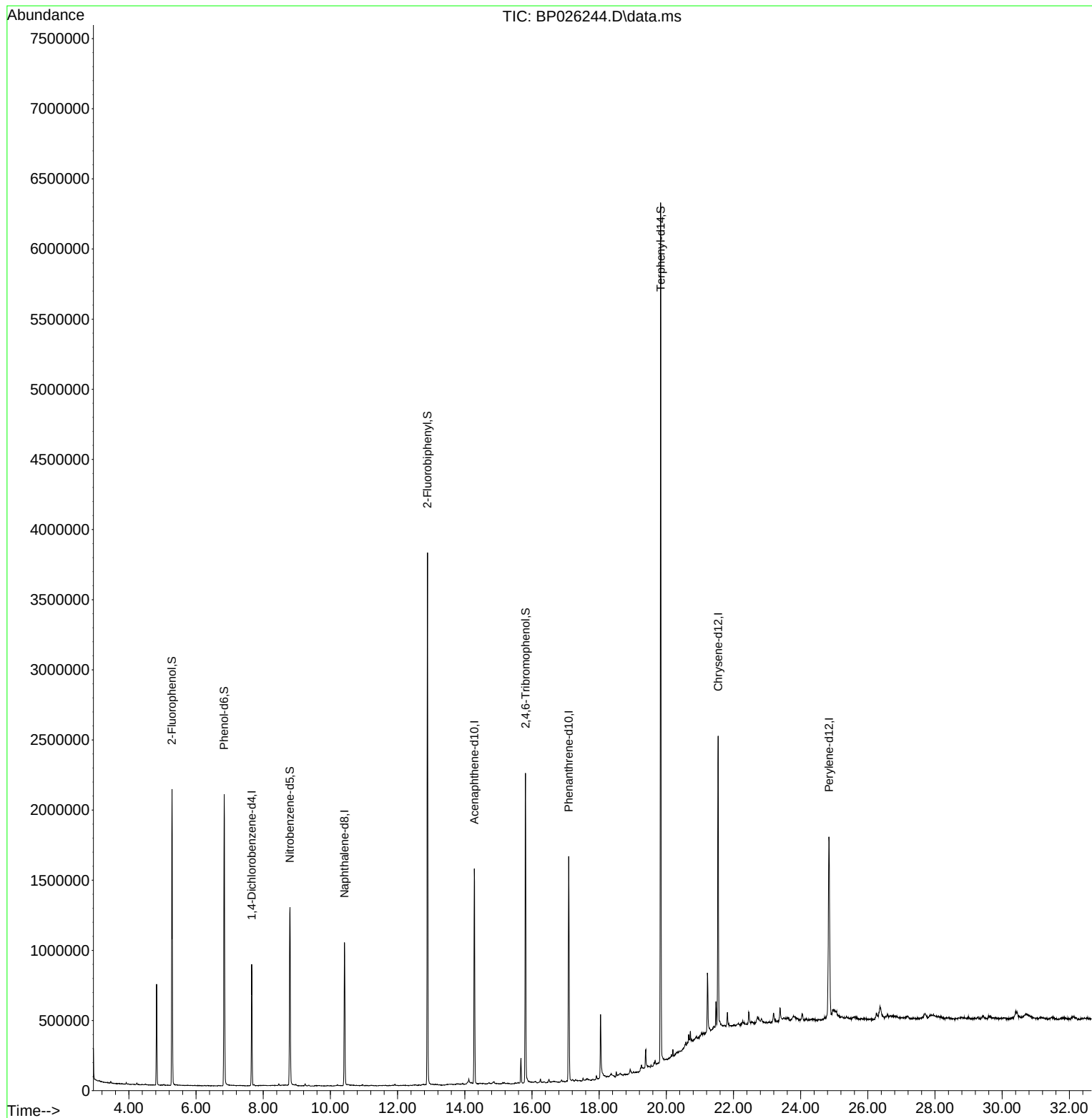
Target Compounds	Qvalue

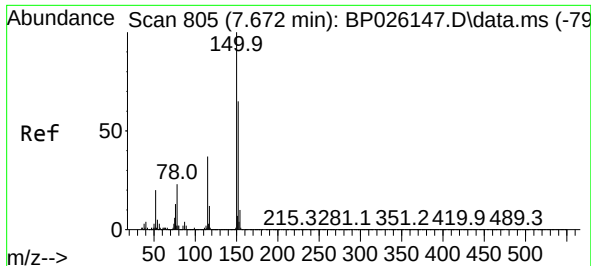
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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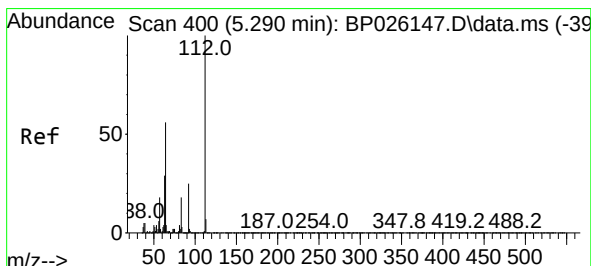
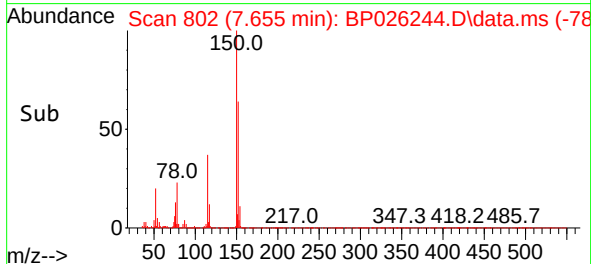
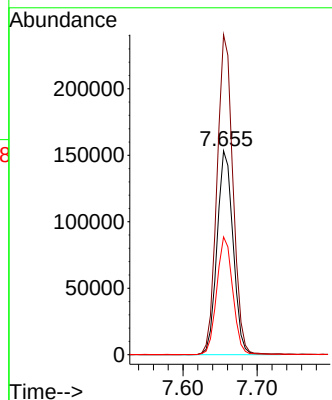
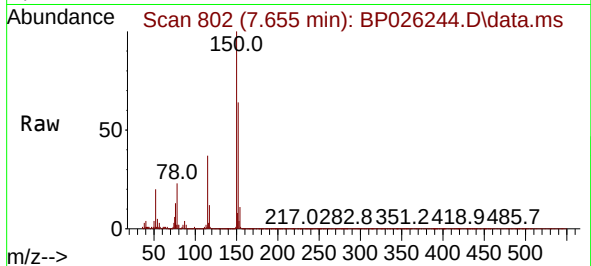




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.655 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BP026244.D
 Acq: 05 Dec 2025 18:53

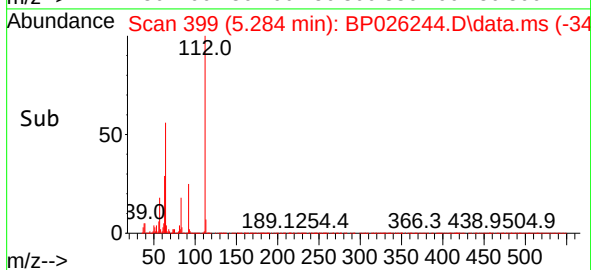
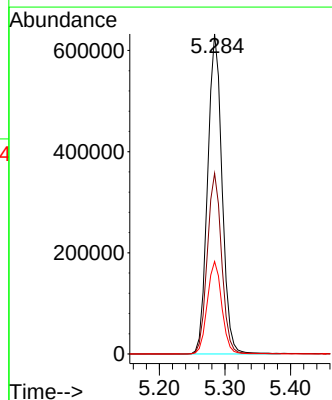
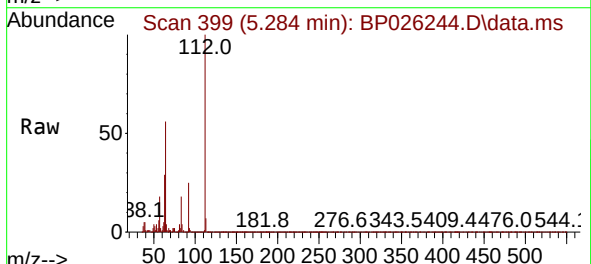
Instrument :
 BNA_P
 ClientSampleId :

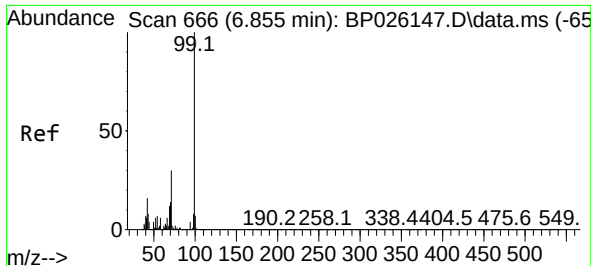
Tgt Ion:152 Resp: 230221
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.6
 115 57.8 46.3 69.5



#5
 2-Fluorophenol
 Concen: 67.557 ng
 RT: 5.284 min Scan# 399
 Delta R.T. 0.006 min
 Lab File: BP026244.D
 Acq: 05 Dec 2025 18:53

Tgt Ion:112 Resp: 967421
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.8 68.6
 63 28.9 23.5 35.3

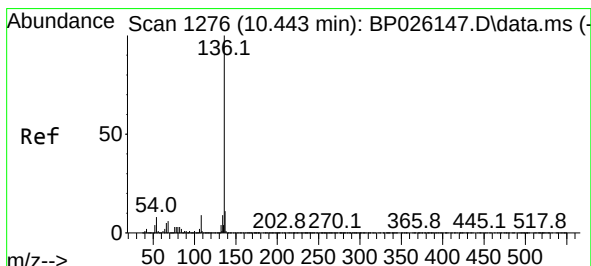
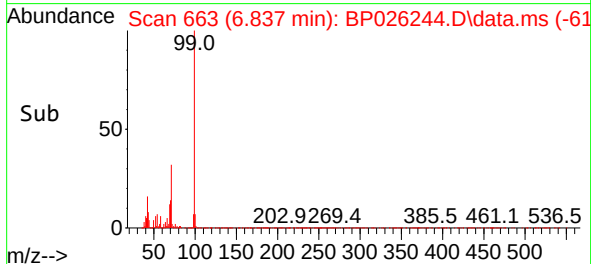
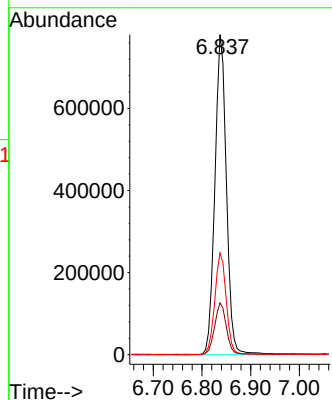
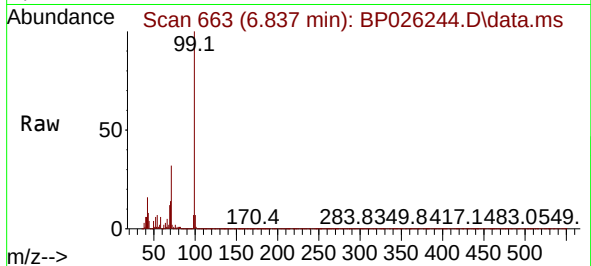




#7
Phenol-d6
Concen: 70.619 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026244.D
Acq: 05 Dec 2025 18:53

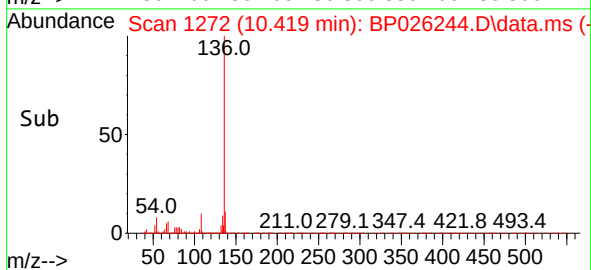
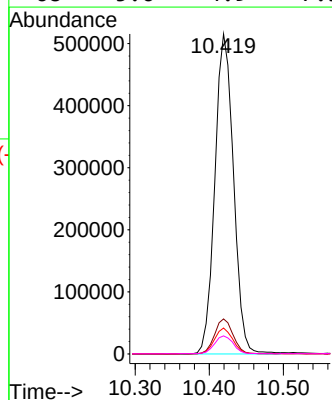
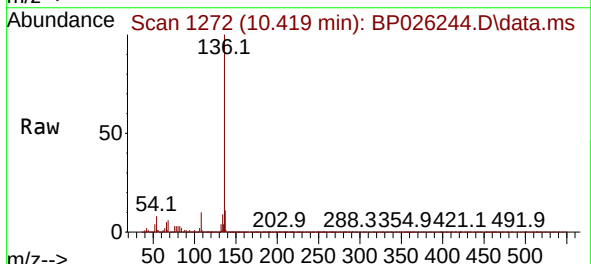
Instrument :
BNA_P
ClientSampleId :

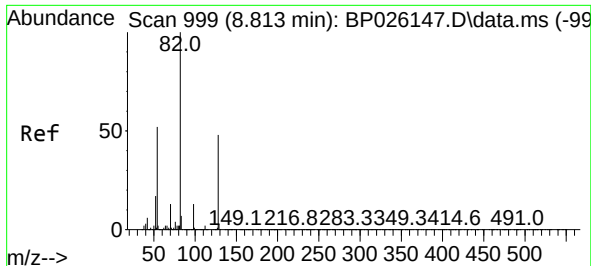
Tgt Ion: 99 Resp: 1276505
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 31.8 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026244.D
Acq: 05 Dec 2025 18:53

Tgt Ion: 136 Resp: 900733
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.1 6.4 9.6
68 5.6 4.9 7.3

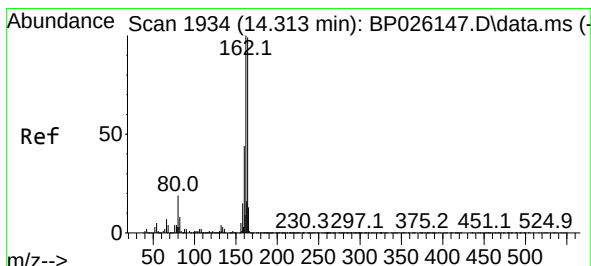
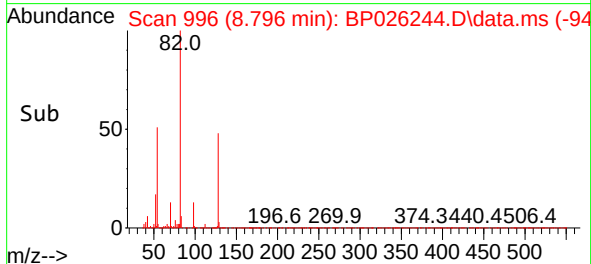
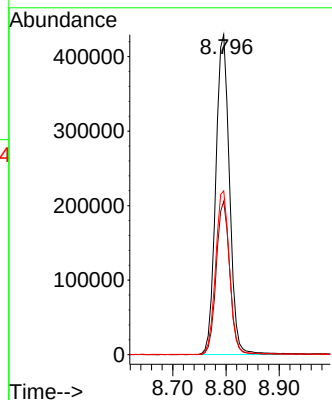
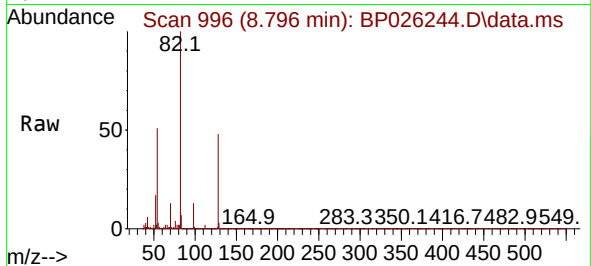




#23
Nitrobenzene-d5
Concen: 48.705 ng
RT: 8.796 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP026244.D
Acq: 05 Dec 2025 18:53

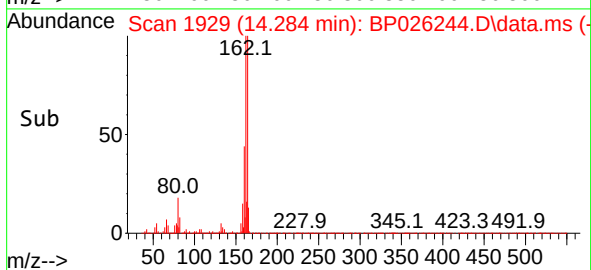
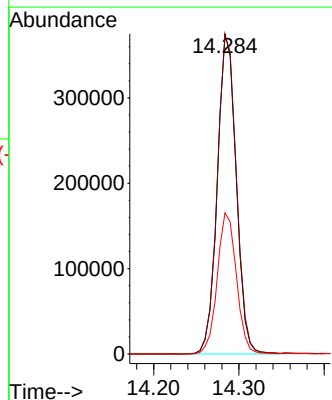
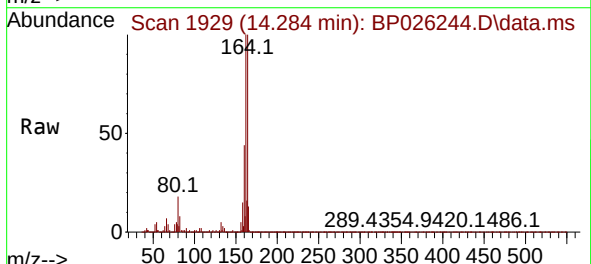
Instrument :
BNA_P
ClientSampleId :

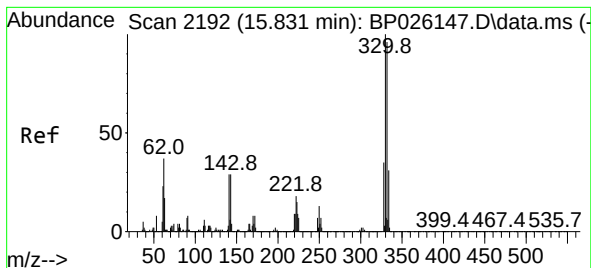
Tgt Ion: 82 Resp: 770729
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.0
54 51.2 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026244.D
Acq: 05 Dec 2025 18:53

Tgt Ion:164 Resp: 575651
Ion Ratio Lower Upper
164 100
162 99.7 80.3 120.5
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 62.789 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.000 min

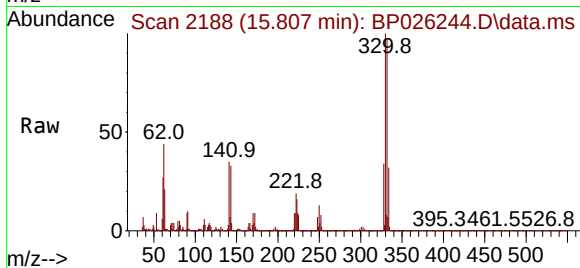
Lab File: BP026244.D

Acq: 05 Dec 2025 18:53

Instrument :

BNA_P

ClientSampleId :



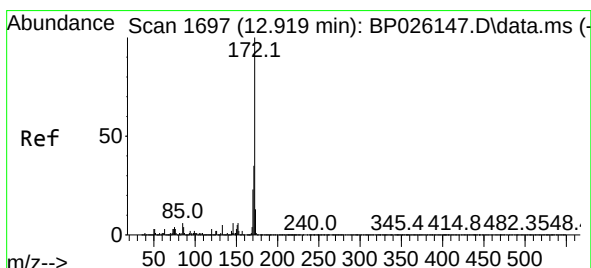
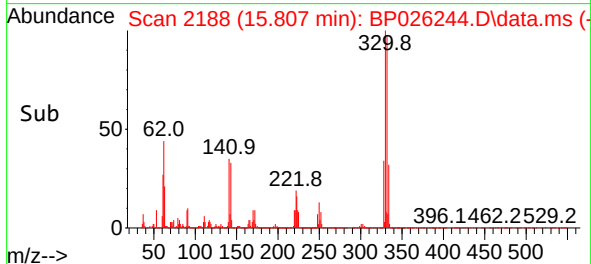
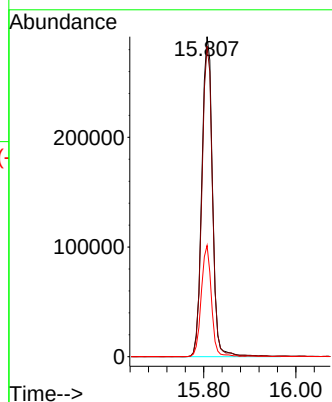
Tgt Ion:330 Resp: 470050

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 51.232 ng

RT: 12.890 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP026244.D

Acq: 05 Dec 2025 18:53

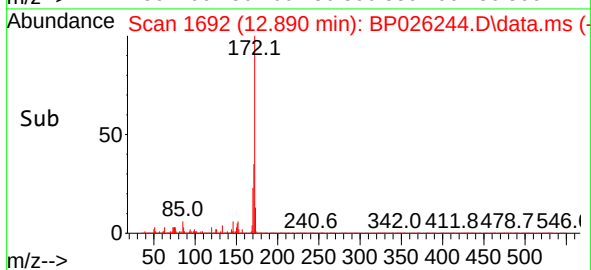
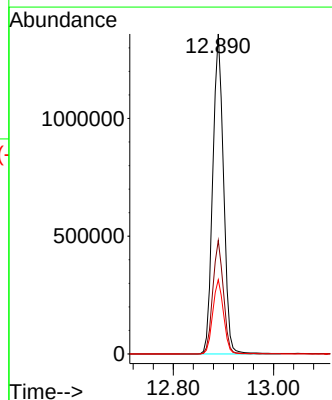
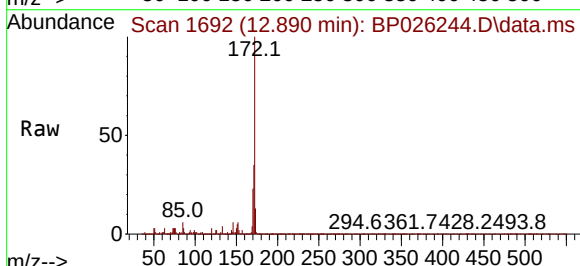
Tgt Ion:172 Resp: 2028492

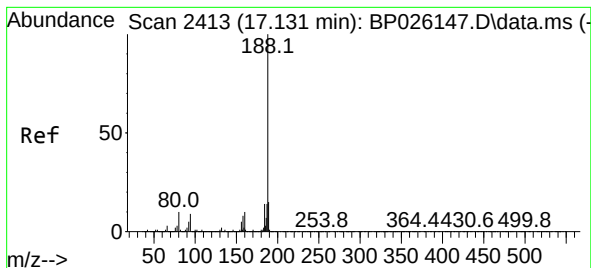
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP026244.D

Acq: 05 Dec 2025 18:53

Instrument :

BNA_P

ClientSampleId :

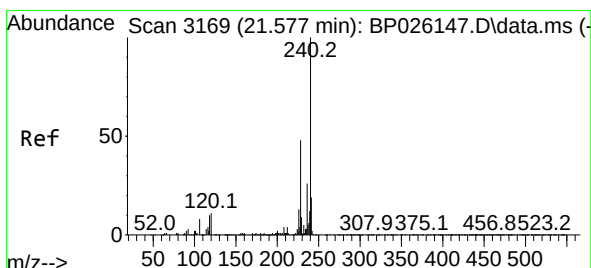
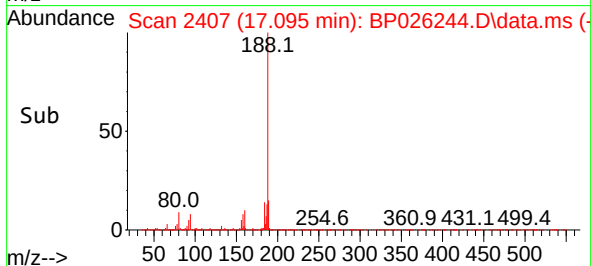
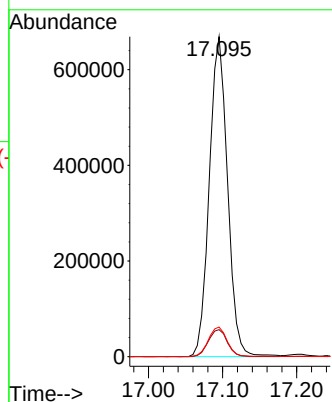
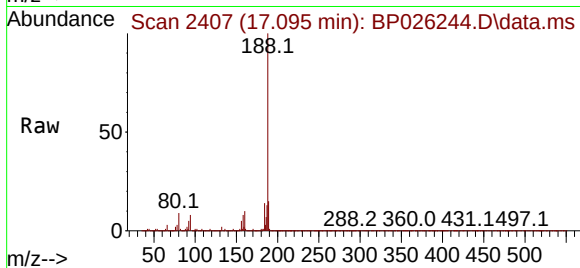
Tgt Ion:188 Resp: 1141991

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

80 9.2 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BP026244.D

Acq: 05 Dec 2025 18:53

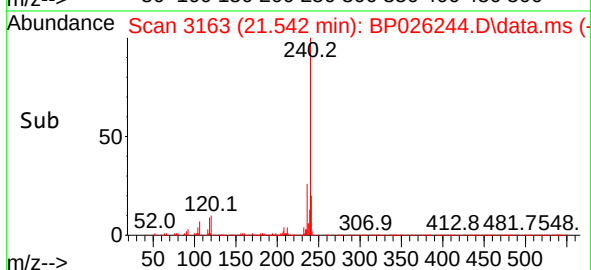
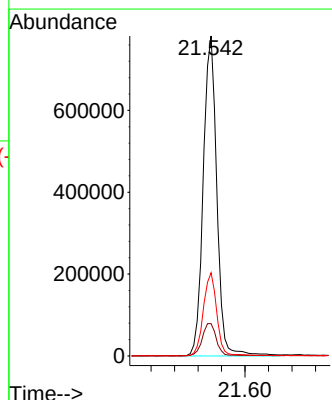
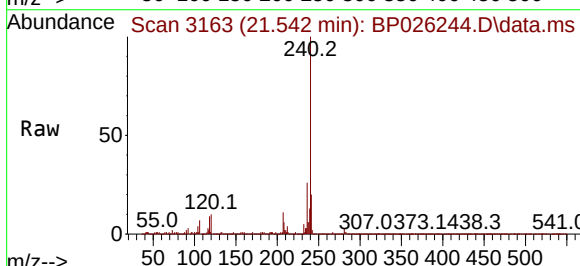
Tgt Ion:240 Resp: 1251876

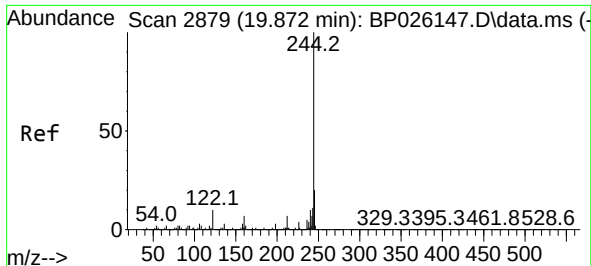
Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.4

236 26.0 20.4 30.6

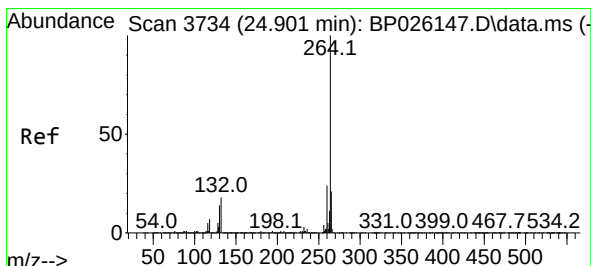
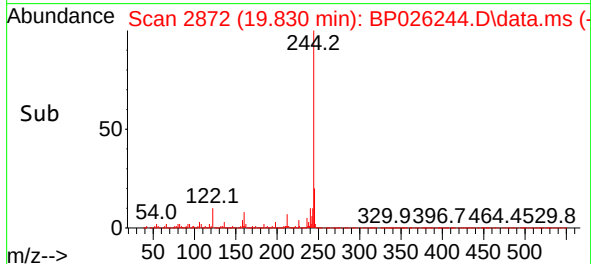
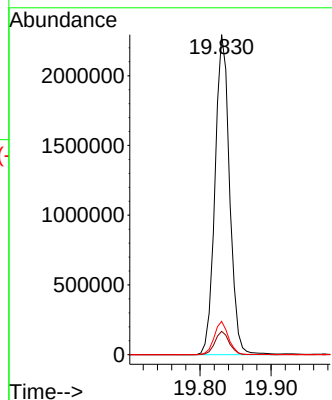
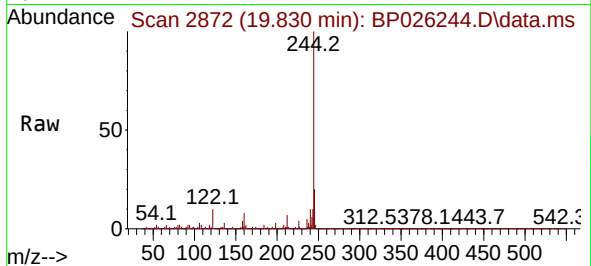




#79
 Terphenyl-d14
 Concen: 53.341 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026244.D
 Acq: 05 Dec 2025 18:53

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 3267072
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.842 min Scan# 3724
 Delta R.T. 0.018 min
 Lab File: BP026244.D
 Acq: 05 Dec 2025 18:53

Tgt Ion:264 Resp: 1430907
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.0 17.5 26.3

