

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
 Data File : BP026074.D
 Acq On : 04 Nov 2025 17:15
 Operator : RC/JU
 Sample : Q3520-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-103125

Quant Time: Nov 04 17:37:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

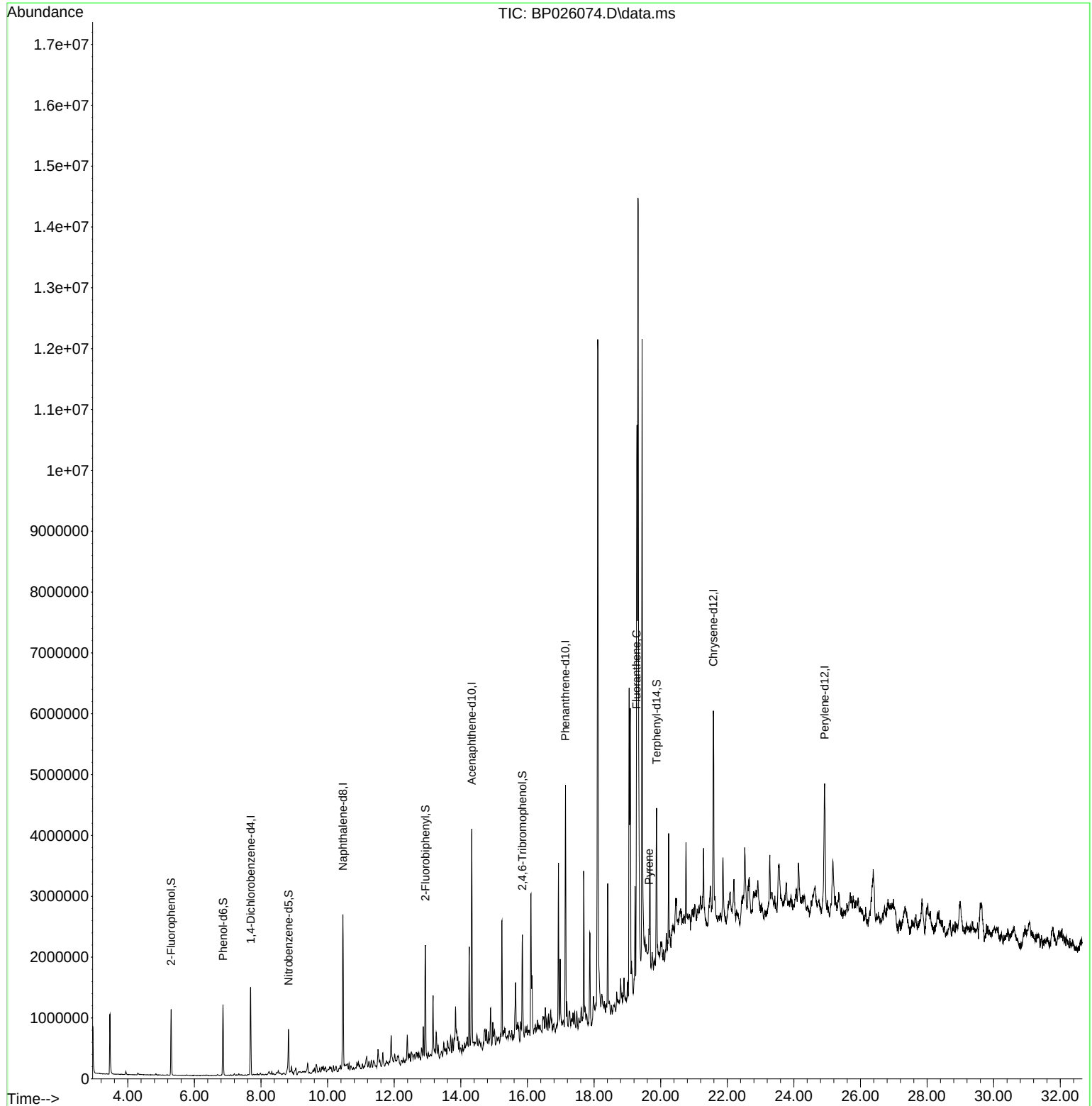
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	411517	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	1820070	20.000	ng	0.00
39) Acenaphthene-d10	14.330	164	1263877	20.000	ng	0.01
64) Phenanthrene-d10	17.142	188	2540023	20.000	ng	0.02
76) Chrysene-d12	21.583	240	2111588	20.000	ng	0.02
86) Perylene-d12	24.924	264	2261058	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	488491	19.587	ng	0.00
7) Phenol-d6	6.860	99	671955	21.169	ng	0.00
23) Nitrobenzene-d5	8.825	82	386527	13.239	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	310708	22.740	ng	0.02
45) 2-Fluorobiphenyl	12.936	172	1095584	12.456	ng	0.00
79) Terphenyl-d14	19.877	244	1535751	14.776	ng	0.01
Target Compounds						
75) Fluoranthene	19.271	202	345401	2.003	ng	95
78) Pyrene	19.648	202	342135	2.396	ng	97

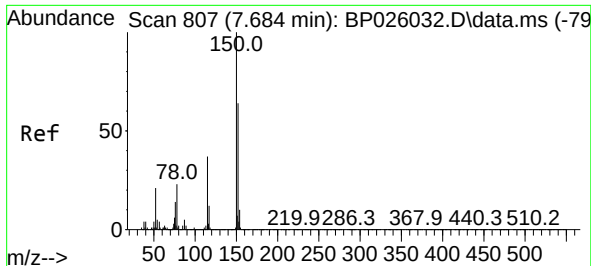
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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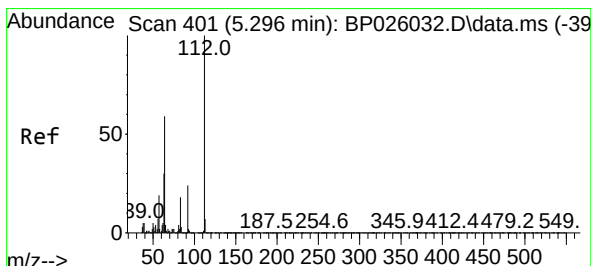
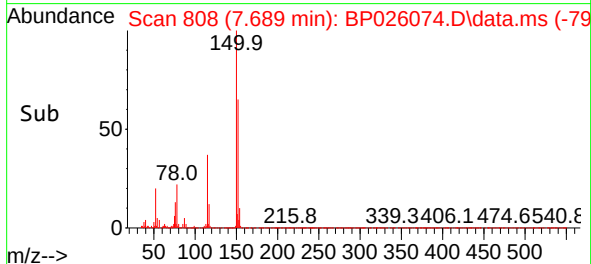
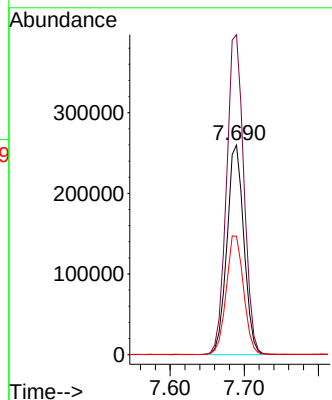
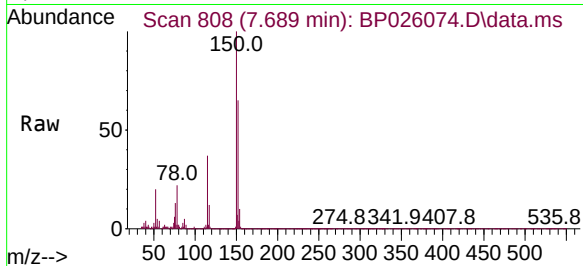




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.689 min Scan# 80
Delta R.T. -0.001 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

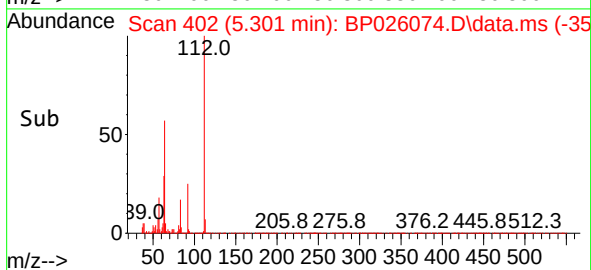
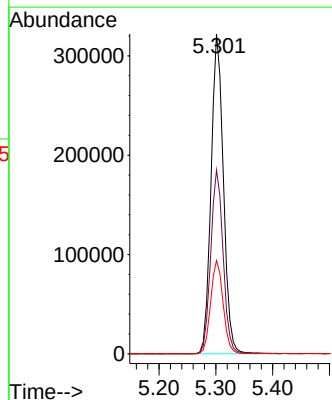
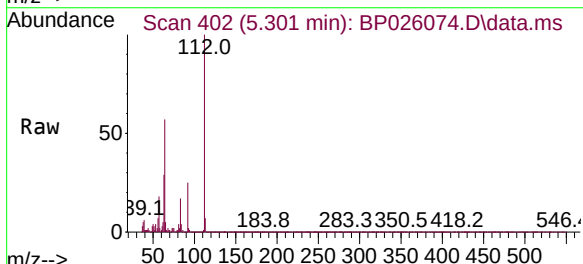
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

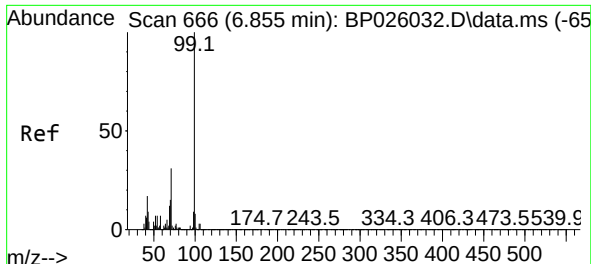
Tgt Ion:152 Resp: 411517
Ion Ratio Lower Upper
152 100
150 152.8 125.7 188.5
115 56.5 46.4 69.6



#5
2-Fluorophenol
Concen: 19.587 ng
RT: 5.301 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:112 Resp: 488491
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.2 24.2 36.4

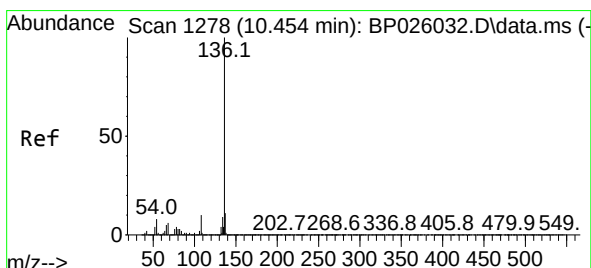
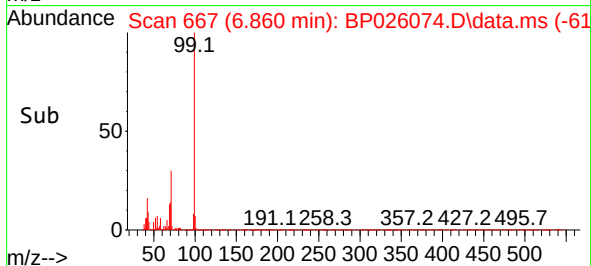
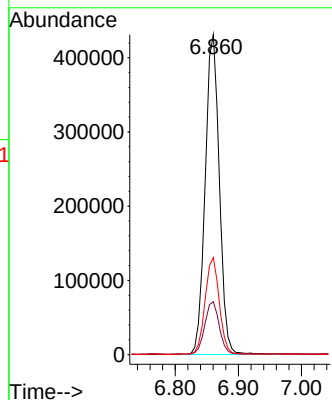
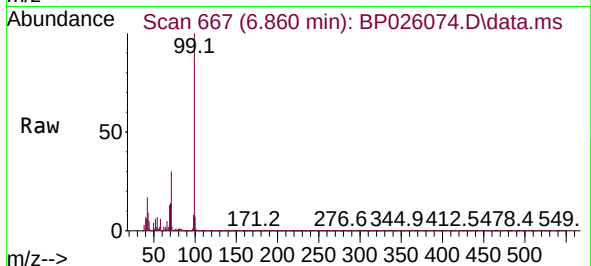




#7
Phenol-d6
Concen: 21.169 ng
RT: 6.860 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

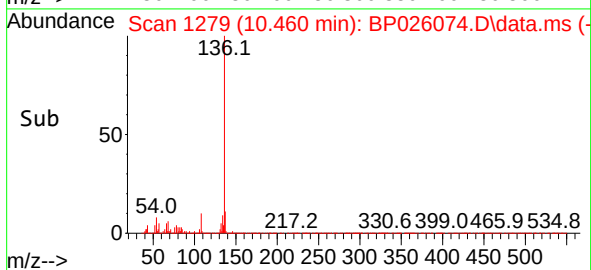
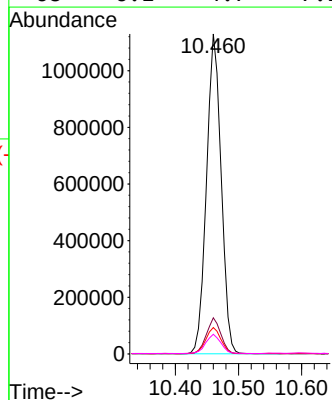
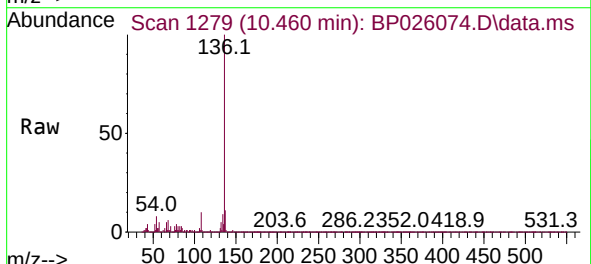
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

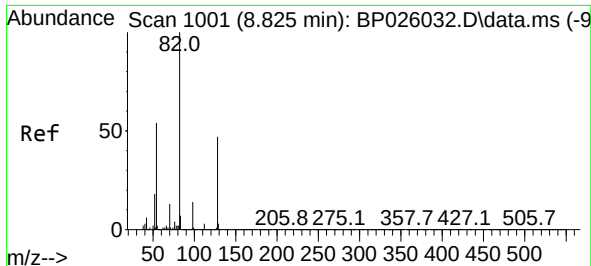
Tgt Ion: 99 Resp: 671955
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.460 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion: 136 Resp: 1820070
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 6.6 10.0
68 6.1 4.7 7.1

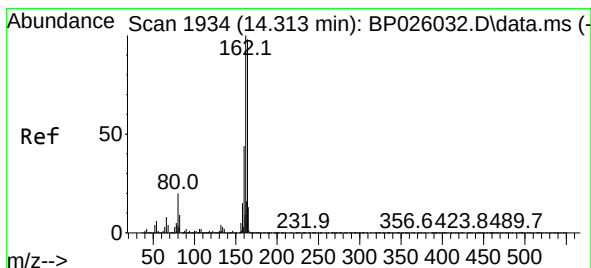
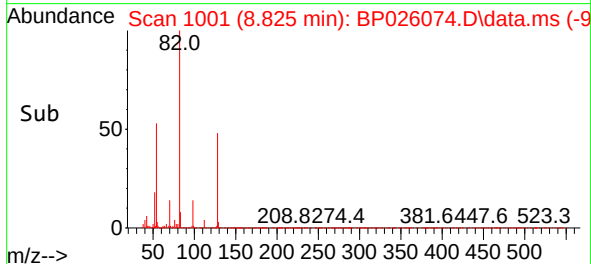
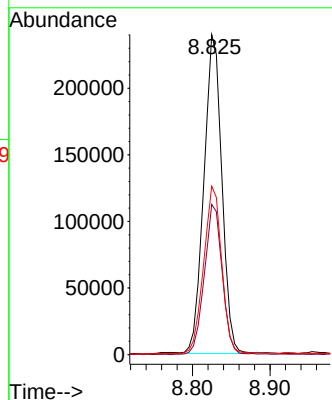
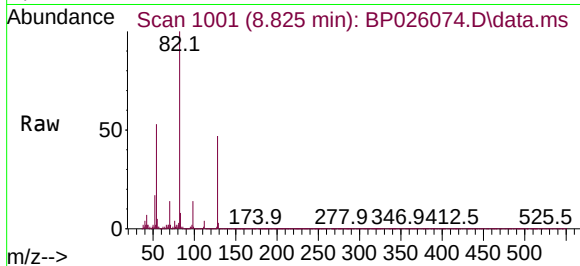




#23
Nitrobenzene-d5
Concen: 13.239 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

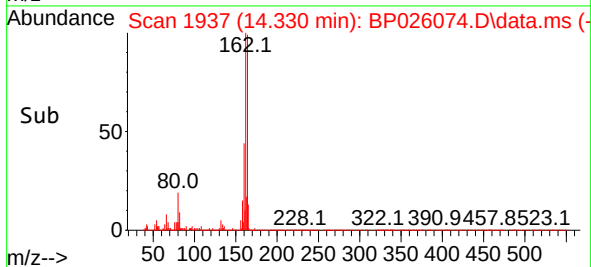
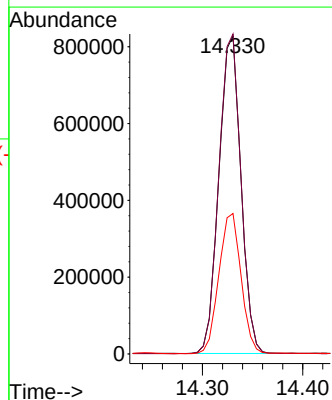
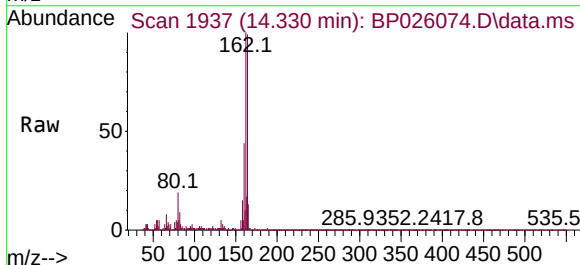
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

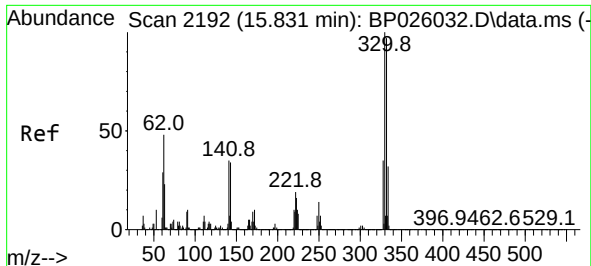
Tgt Ion: 82 Resp: 386527
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 52.6 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.330 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:164 Resp: 1263877
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.2 36.2 54.4

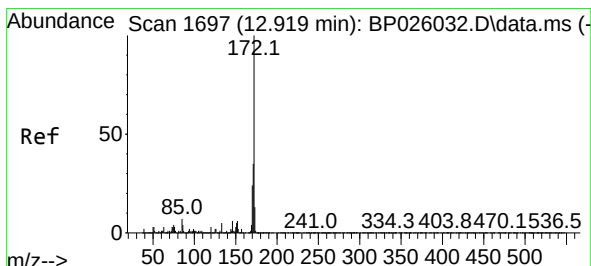
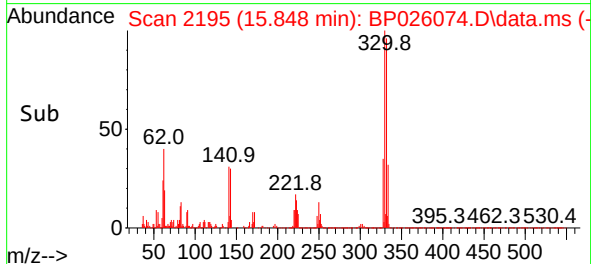
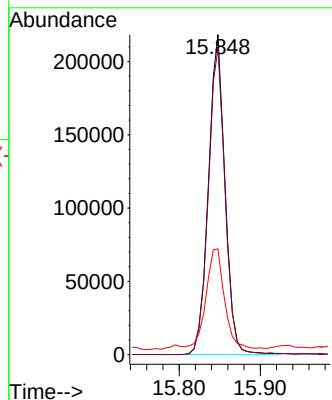
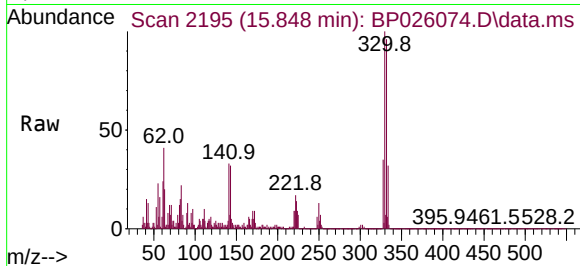




#42
2,4,6-Tribromophenol
Concen: 22.740 ng
RT: 15.848 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

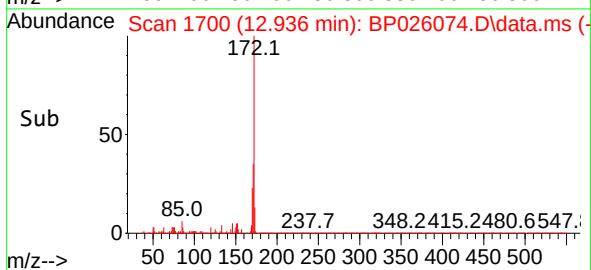
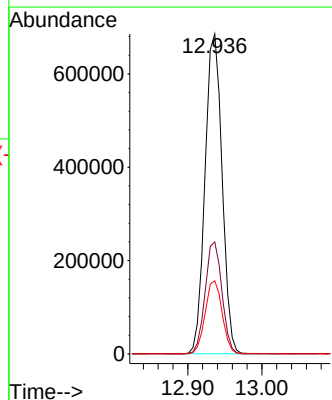
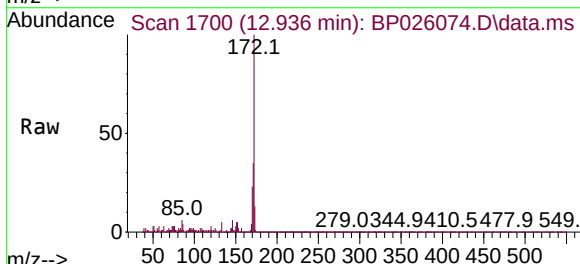
Instrument :
BNA_P
ClientSampleId :
EO-02-103125

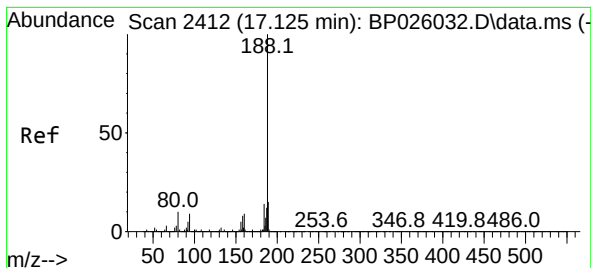
Tgt Ion:330 Resp: 310708
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.4 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 12.456 ng
RT: 12.936 min Scan# 1700
Delta R.T. 0.005 min
Lab File: BP026074.D
Acq: 04 Nov 2025 17:15

Tgt Ion:172 Resp: 1095584
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.142 min Scan# 2412

Delta R.T. 0.017 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

Instrument :

BNA_P

ClientSampleId :

EO-02-103125

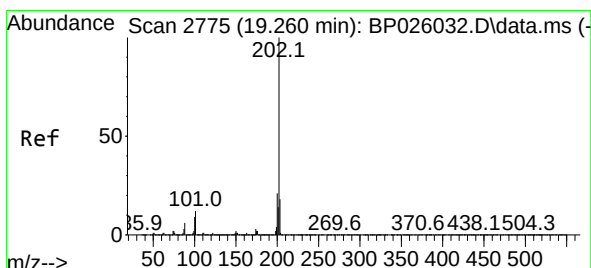
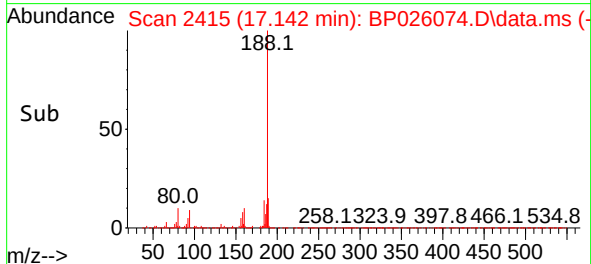
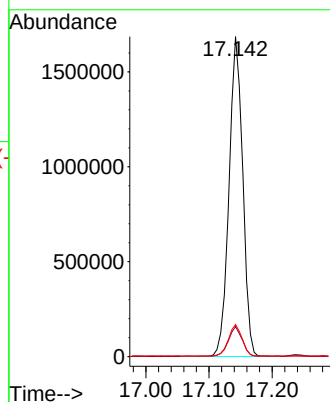
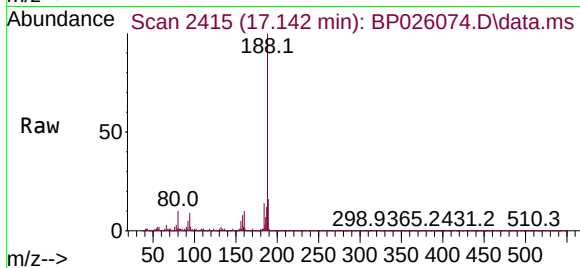
Tgt Ion:188 Resp: 2540023

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

80 10.0 7.9 11.9



#75

Fluoranthene

Concen: 2.003 ng

RT: 19.271 min Scan# 2777

Delta R.T. 0.011 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

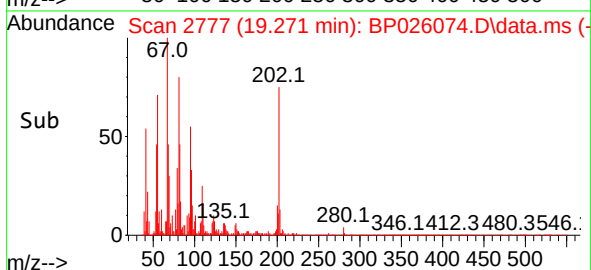
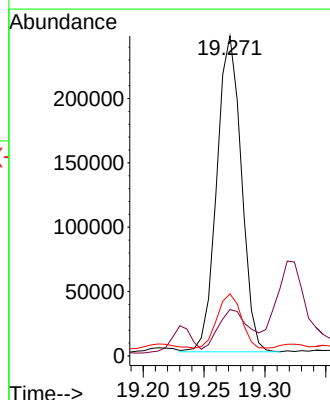
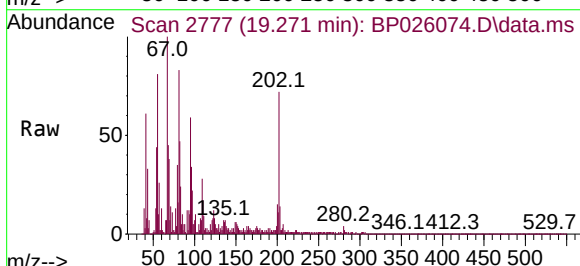
Tgt Ion:202 Resp: 345401

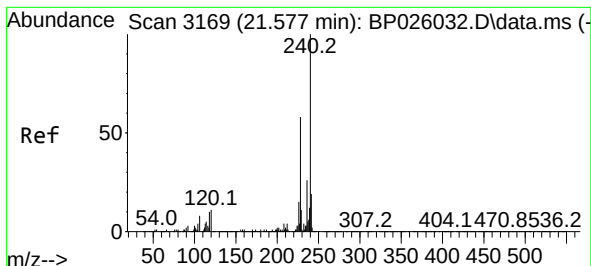
Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.1

203 19.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

Instrument :

BNA_P

ClientSampleId :

EO-02-103125

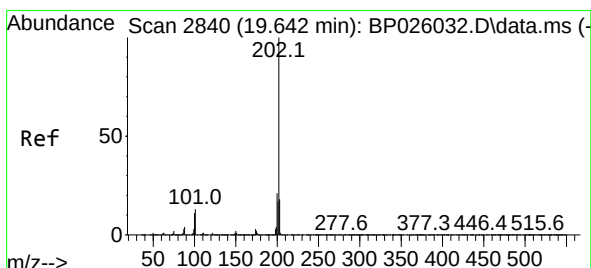
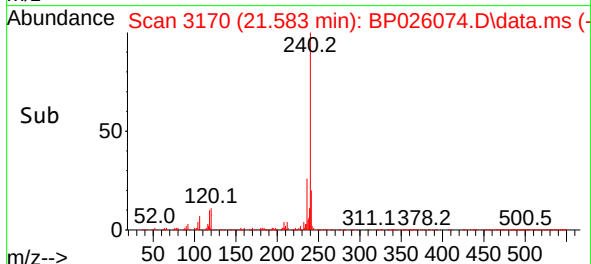
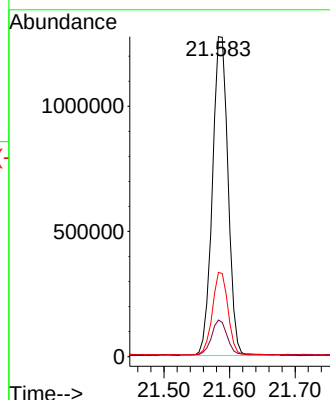
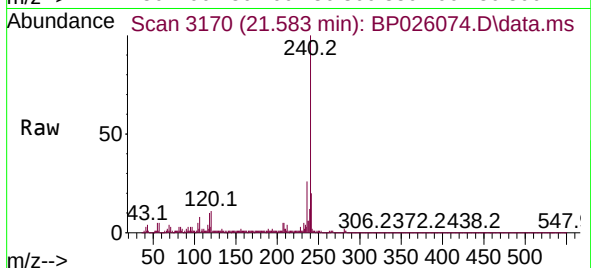
Tgt Ion:240 Resp: 2111588

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.3 20.6 31.0



#78

Pyrene

Concen: 2.396 ng

RT: 19.648 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

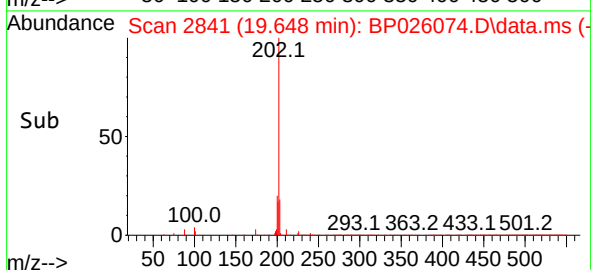
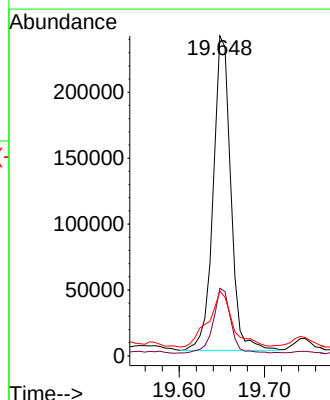
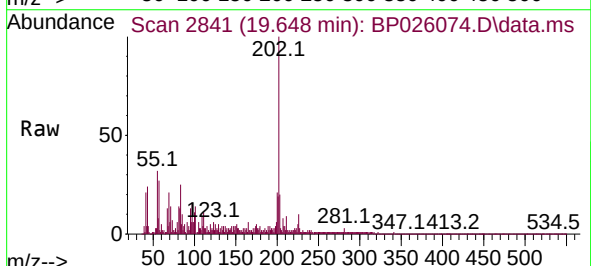
Tgt Ion:202 Resp: 342135

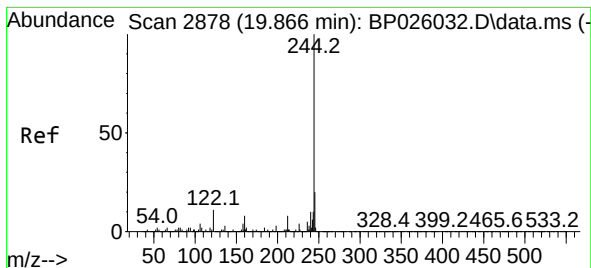
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 20.2 14.0 21.0





#79

Terphenyl-d14

Concen: 14.776 ng

RT: 19.877 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

Instrument :

BNA_P

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EO-02-103125

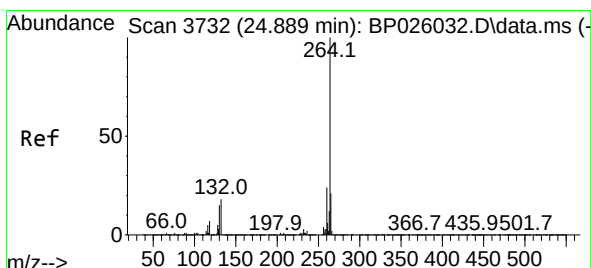
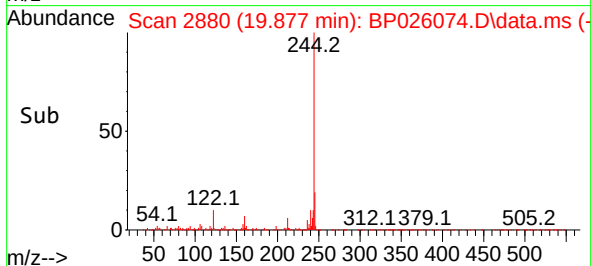
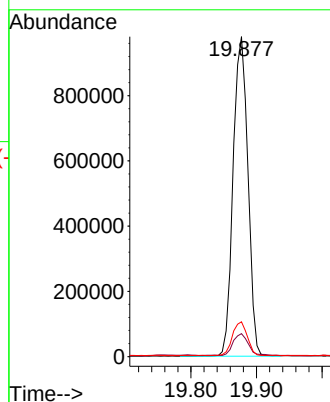
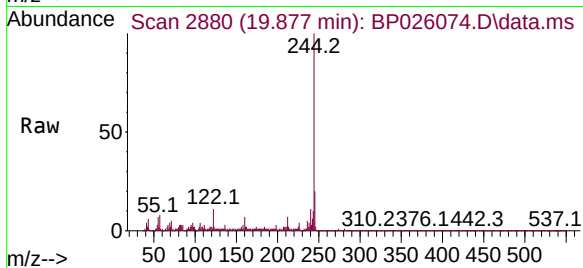
Tgt Ion:244 Resp: 1535751

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.9 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.041 min

Lab File: BP026074.D

Acq: 04 Nov 2025 17:15

Tgt Ion:264 Resp: 2261058

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.4 17.2 25.8

