

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026297.D
 Acq On : 11 Dec 2025 17:56
 Operator : RC/JU
 Sample : Q3826-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14

Quant Time: Dec 11 23:41:20 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	220804	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	816404	20.000	ng	-0.01
39) Acenaphthene-d10	14.283	164	495647	20.000	ng	0.00
64) Phenanthrene-d10	17.101	188	994078	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1133965	20.000	ng	0.00
86) Perylene-d12	24.830	264	1256801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1484926	108.118	ng	0.00
7) Phenol-d6	6.831	99	1634909	94.305	ng	0.00
23) Nitrobenzene-d5	8.784	82	1169233	81.520	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	859461	133.338	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	2846009	83.482	ng	-0.02
79) Terphenyl-d14	19.830	244	4609589	83.086	ng	0.00

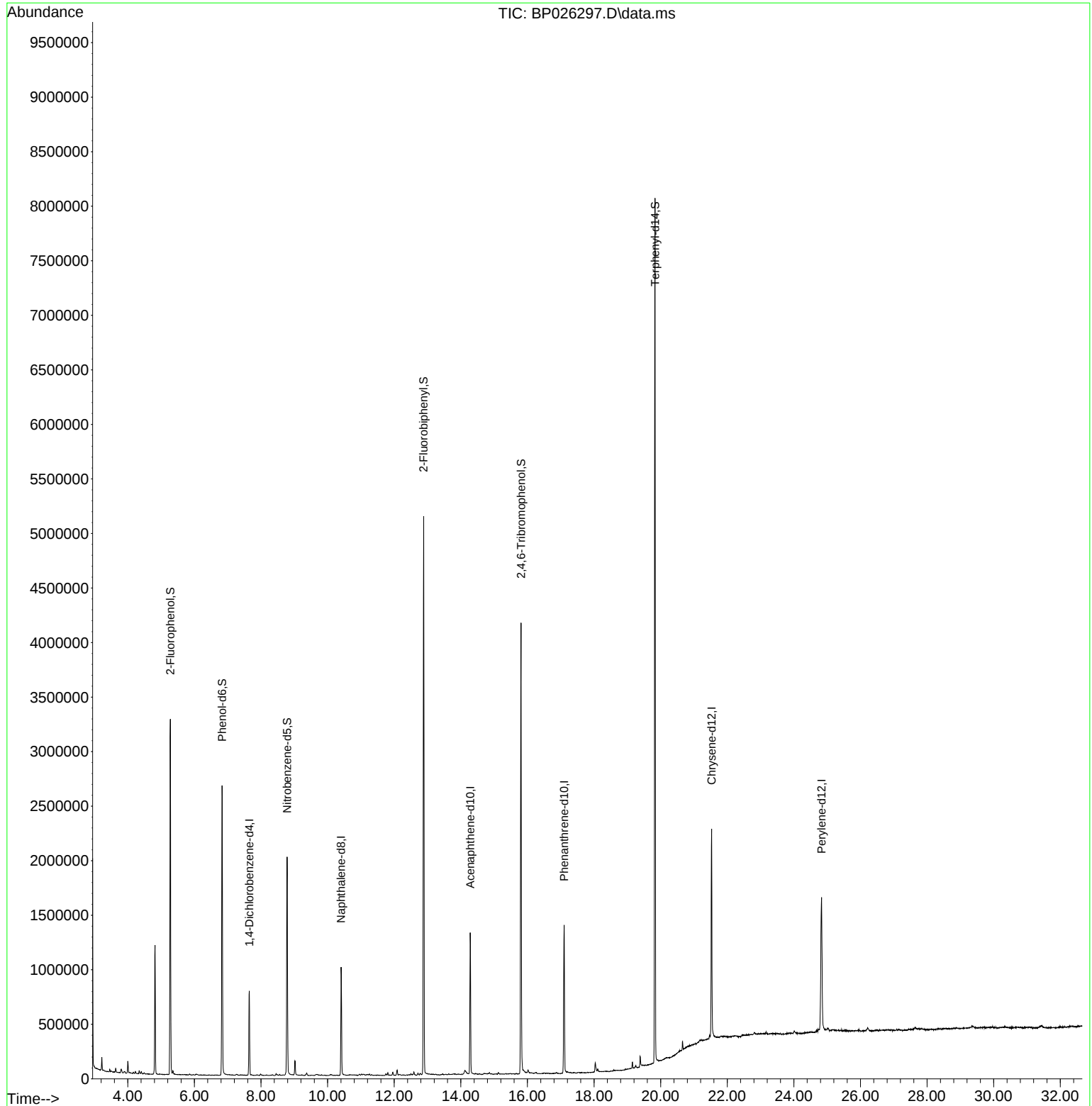
Target Compounds	Qvalue

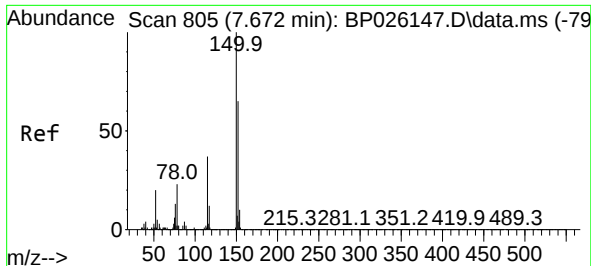
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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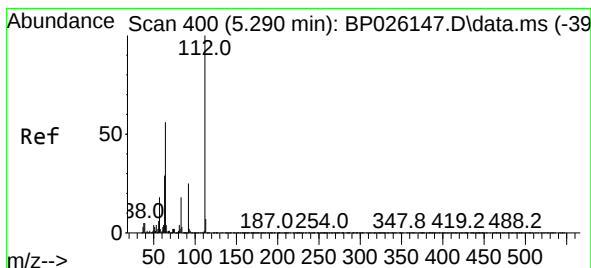
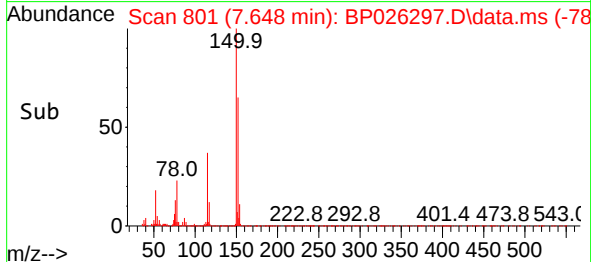
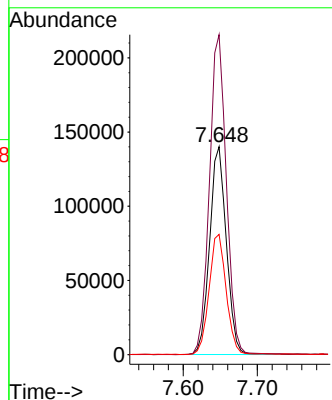
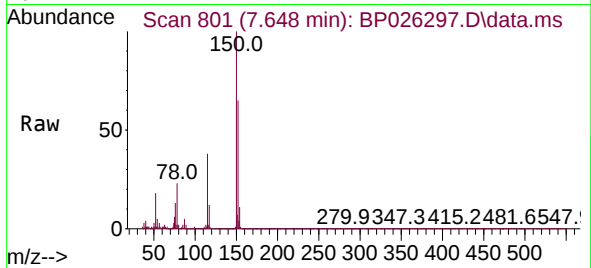




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.648 min Scan# 805
 Delta R.T. -0.007 min
 Lab File: BP026297.D
 Acq: 11 Dec 2025 17:56

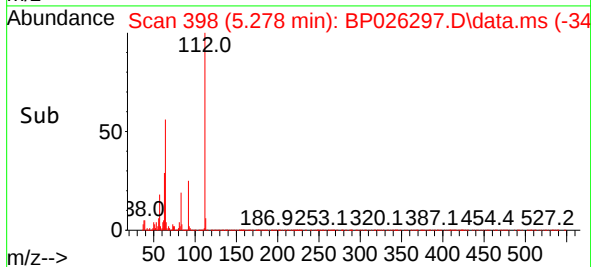
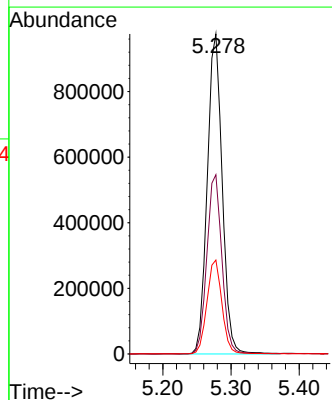
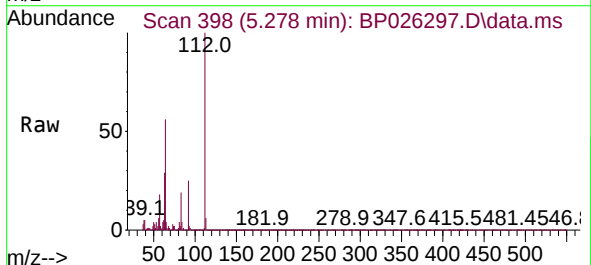
Instrument :
 BNA_P
 ClientSampleId :
 TP-14

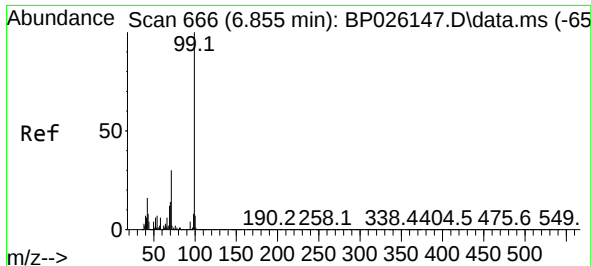
Tgt Ion:152 Resp: 220804
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.6
 115 57.8 46.3 69.5



#5
 2-Fluorophenol
 Concen: 108.118 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP026297.D
 Acq: 11 Dec 2025 17:56

Tgt Ion:112 Resp: 1484926
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.8 68.6
 63 29.3 23.5 35.3

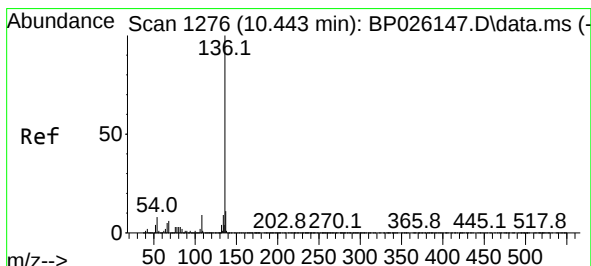
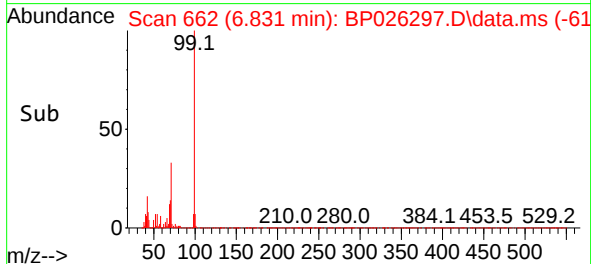
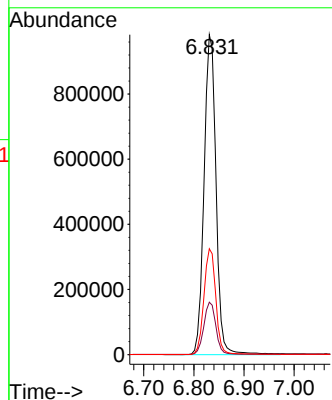
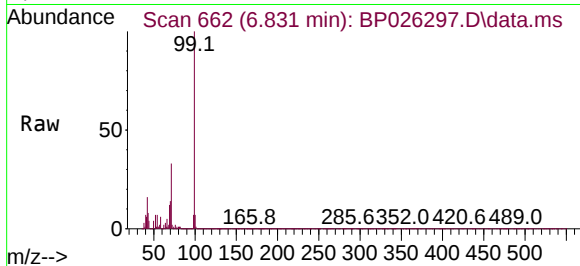




#7
Phenol-d6
Concen: 94.305 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

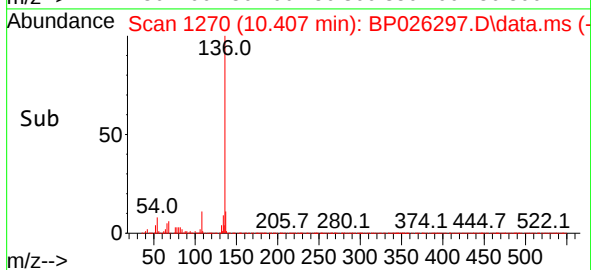
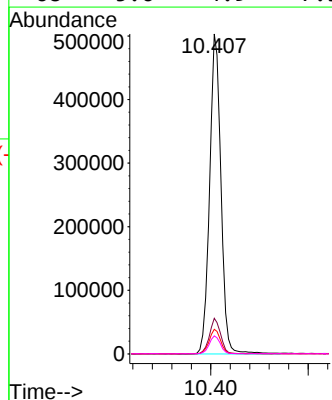
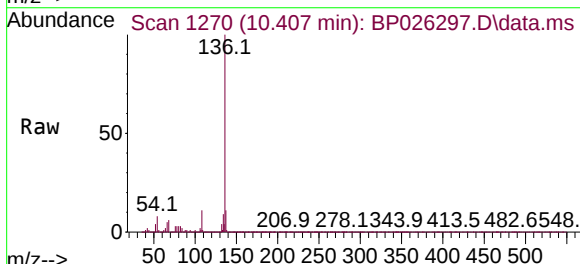
Instrument :
BNA_P
ClientSampleId :
TP-14

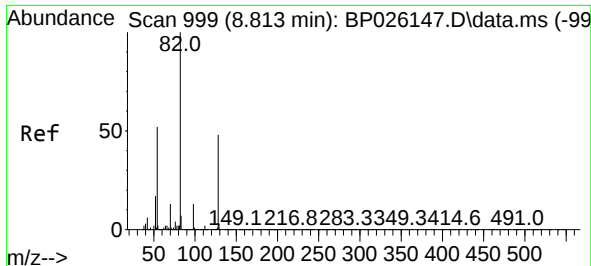
Tgt Ion: 99 Resp: 1634909
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 33.1 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

Tgt Ion: 136 Resp: 816404
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.4 9.6
68 5.6 4.9 7.3

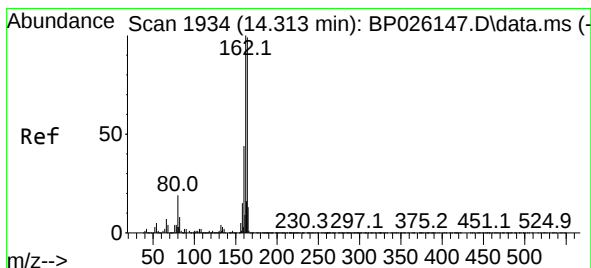
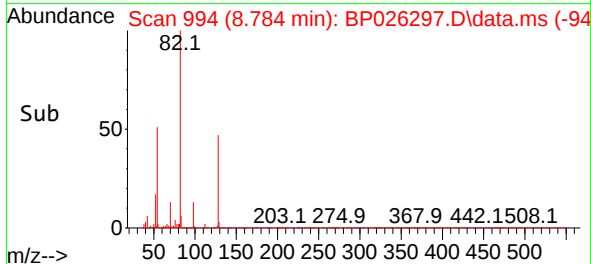
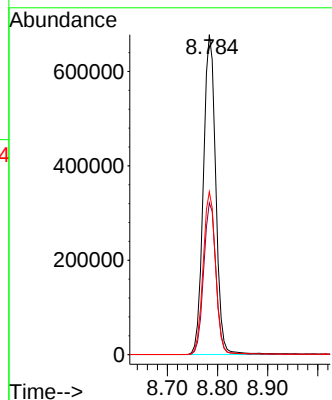
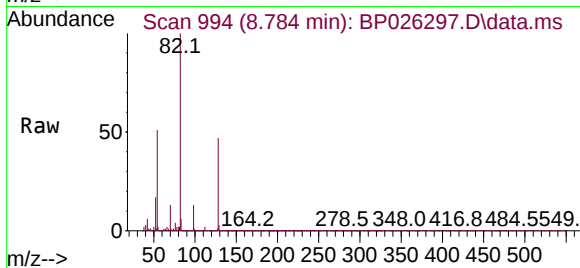




#23
Nitrobenzene-d5
Concen: 81.520 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

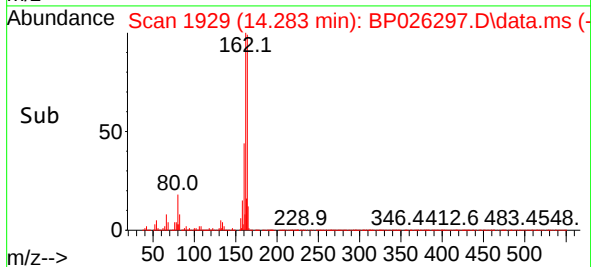
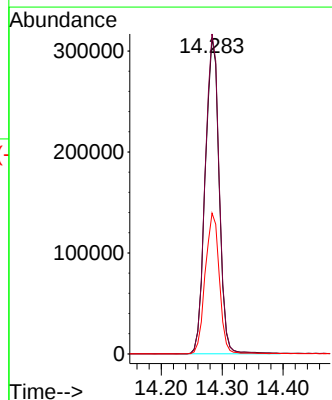
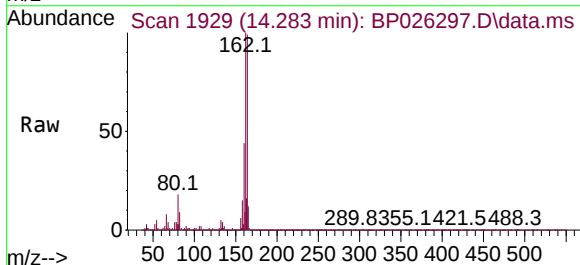
Instrument :
BNA_P
ClientSampleId :
TP-14

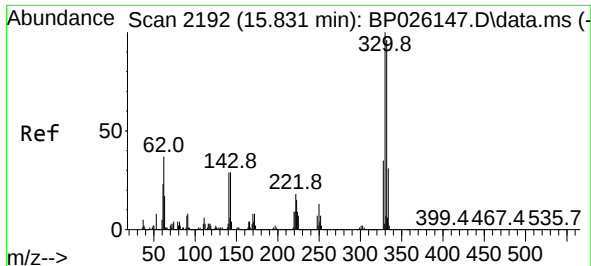
Tgt Ion: 82 Resp: 1169233
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 50.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

Tgt Ion:164 Resp: 495647
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.5 35.2 52.8

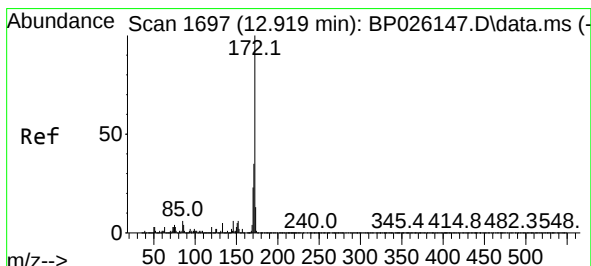
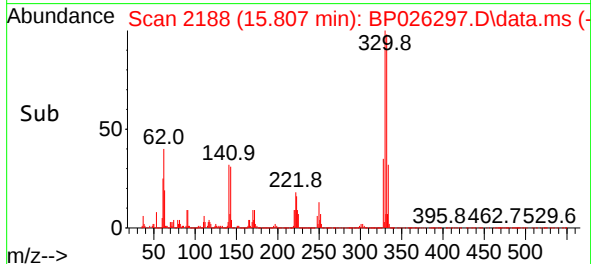
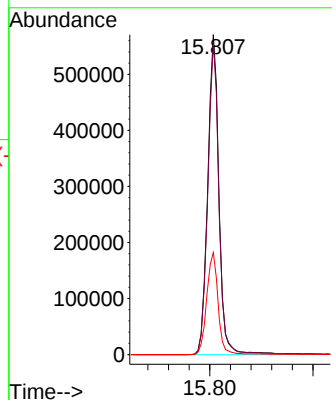
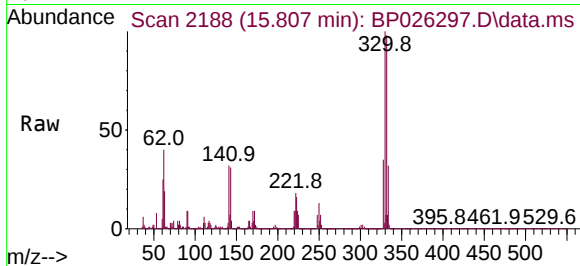




#42
2,4,6-Tribromophenol
Concen: 133.338 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

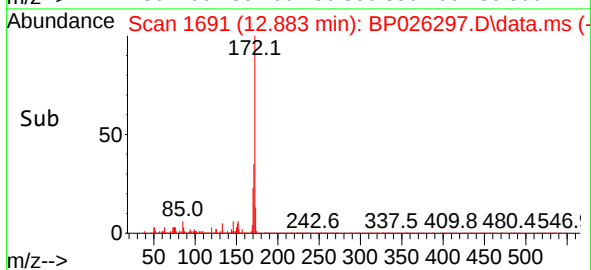
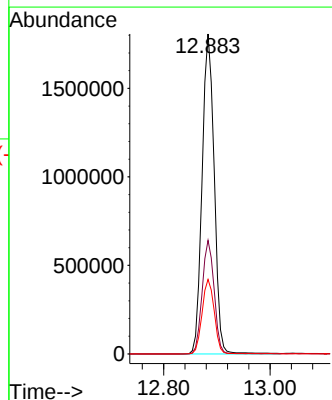
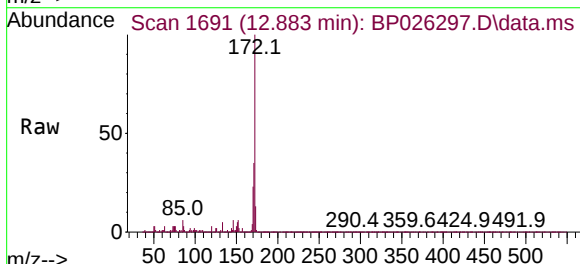
Instrument :
BNA_P
ClientSampleId :
TP-14

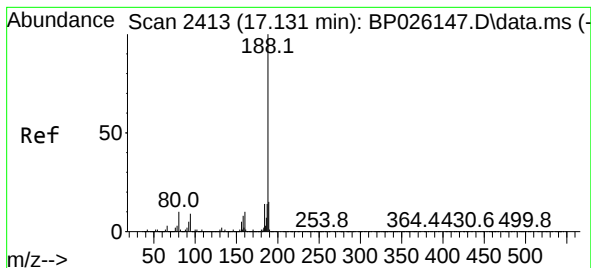
Tgt Ion:330 Resp: 859461
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 32.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 83.482 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026297.D
Acq: 11 Dec 2025 17:56

Tgt Ion:172 Resp: 2846009
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 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: BP026297.D

Acq: 11 Dec 2025 17:56

Instrument :

BNA_P

ClientSampleId :

TP-14

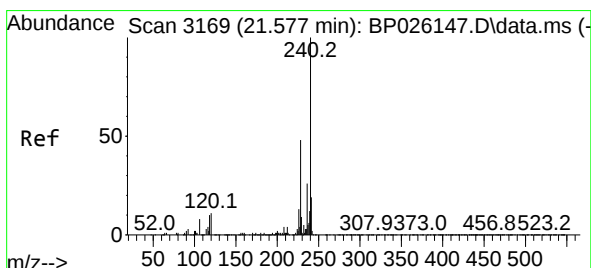
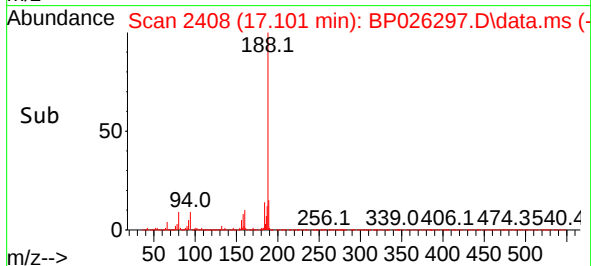
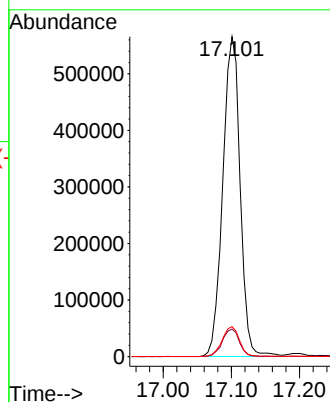
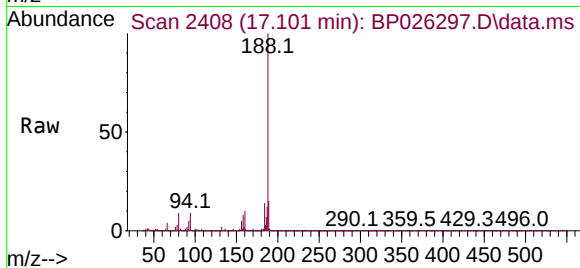
Tgt Ion:188 Resp: 994078

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.4 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: BP026297.D

Acq: 11 Dec 2025 17:56

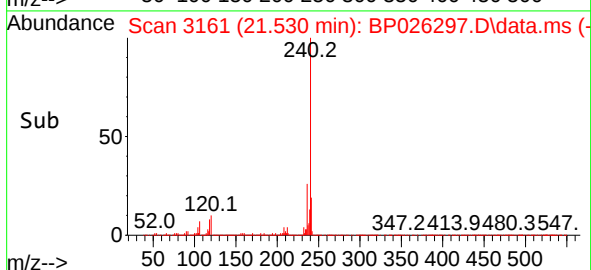
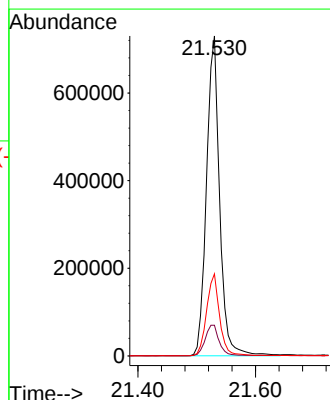
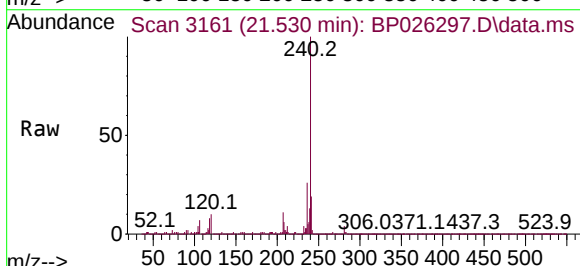
Tgt Ion:240 Resp: 1133965

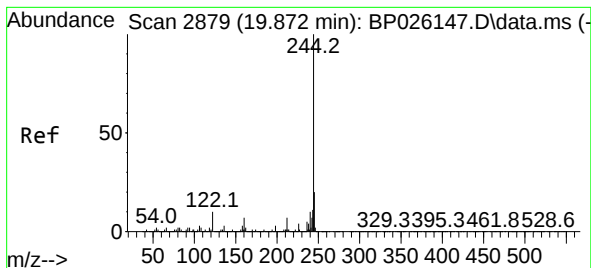
Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.4

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 83.086 ng

RT: 19.830 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP026297.D

Acq: 11 Dec 2025 17:56

Instrument :

BNA_P

ClientSampleId :

TP-14

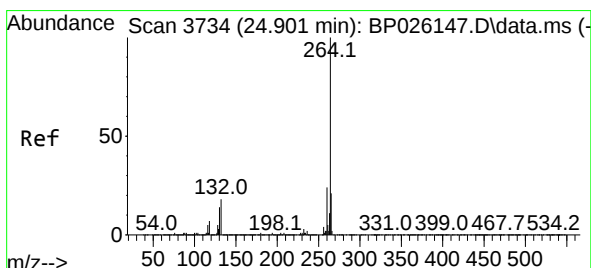
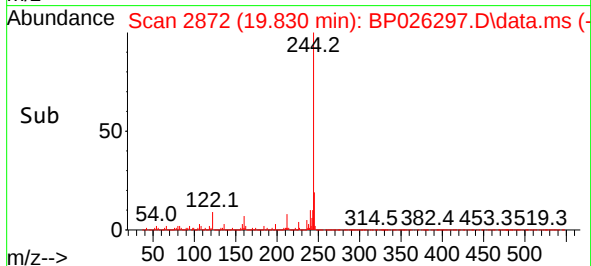
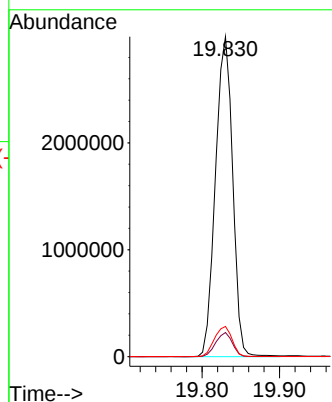
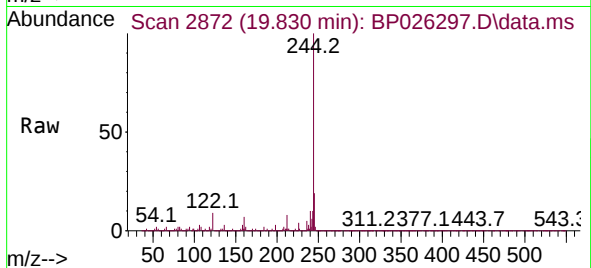
Tgt Ion:244 Resp: 4609589

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. 0.005 min

Lab File: BP026297.D

Acq: 11 Dec 2025 17:56

Tgt Ion:264 Resp: 1256801

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.1 17.5 26.3

