

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026299.D
 Acq On : 11 Dec 2025 19:19
 Operator : RC/JU
 Sample : Q3826-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Dec 11 23:42:05 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	239941	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	895211	20.000	ng	-0.01
39) Acenaphthene-d10	14.284	164	548114	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1088637	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1262375	20.000	ng	0.00
86) Perylene-d12	24.824	264	1400638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1657077	111.030	ng	0.00
7) Phenol-d6	6.831	99	1800392	95.567	ng	0.00
23) Nitrobenzene-d5	8.778	82	1289840	82.012	ng	-0.01
42) 2,4,6-Tribromophenol	15.795	330	959159	134.561	ng	-0.01
45) 2-Fluorobiphenyl	12.884	172	3114562	82.614	ng	-0.02
79) Terphenyl-d14	19.836	244	5407154	87.548	ng	0.00

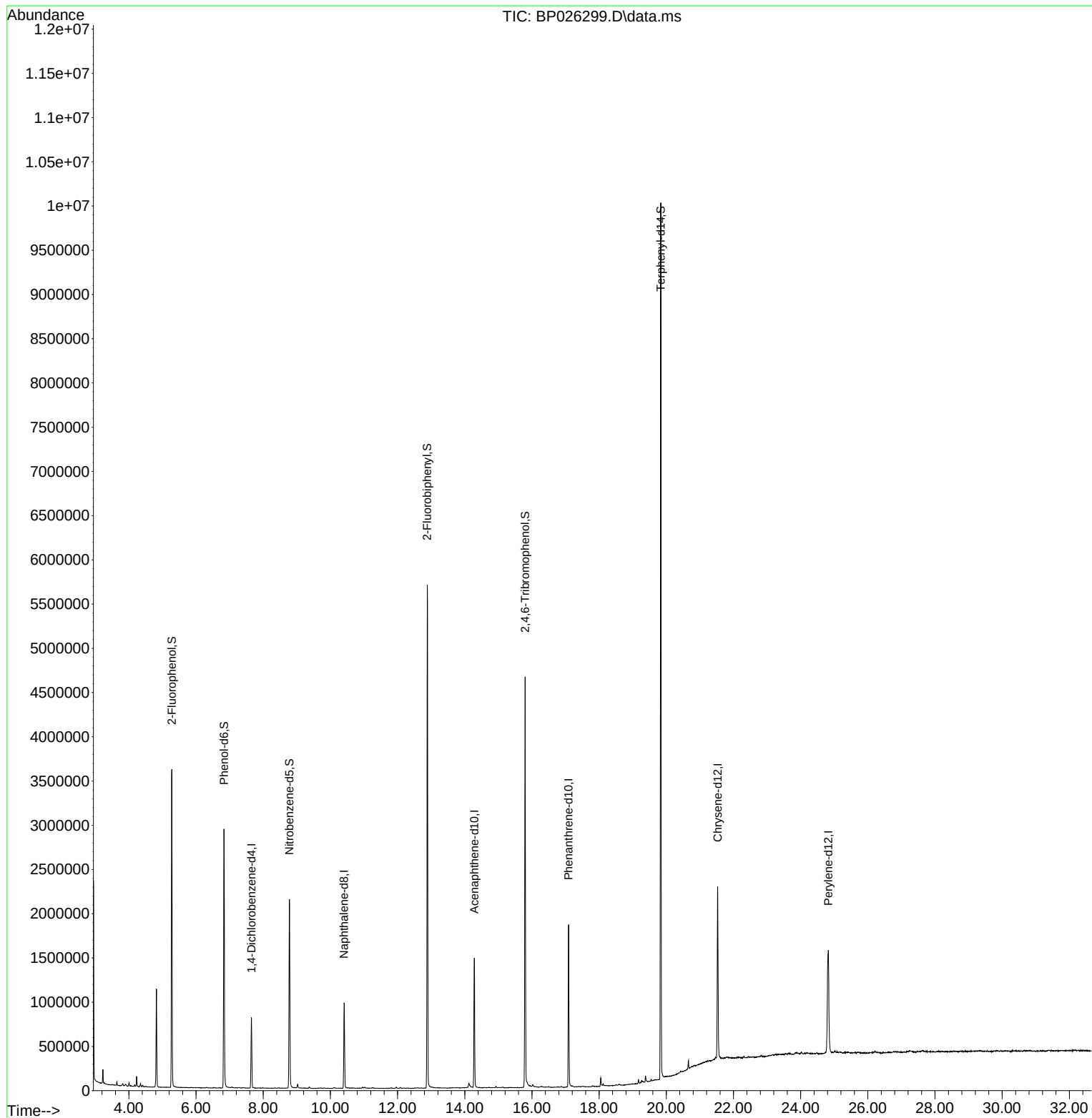
Target Compounds	Qvalue

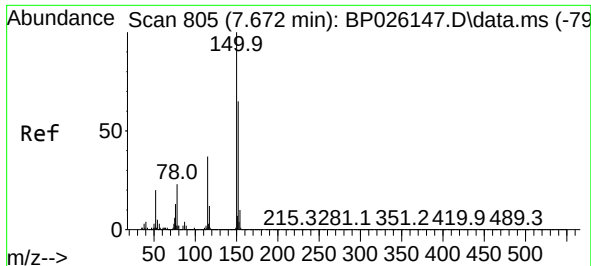
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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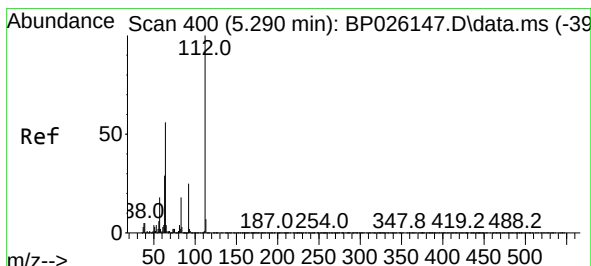
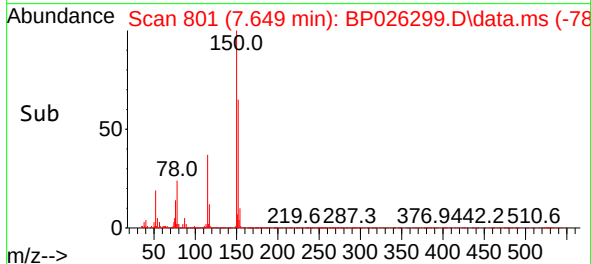
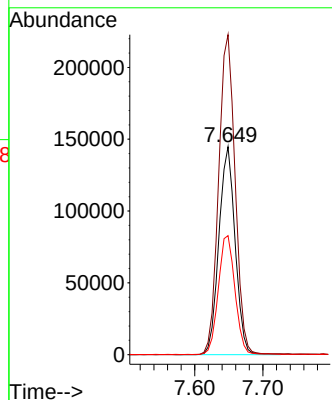
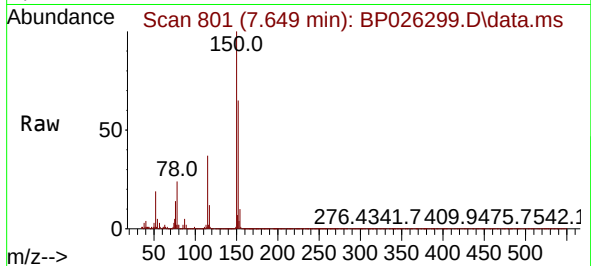




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

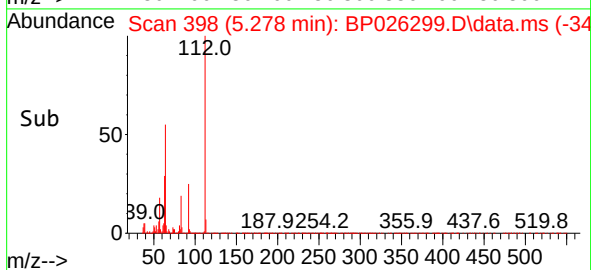
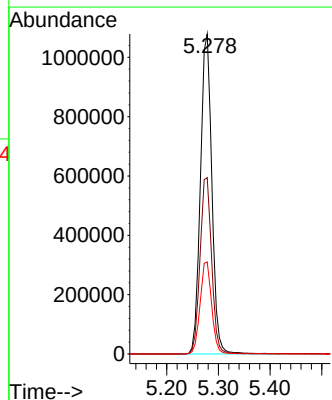
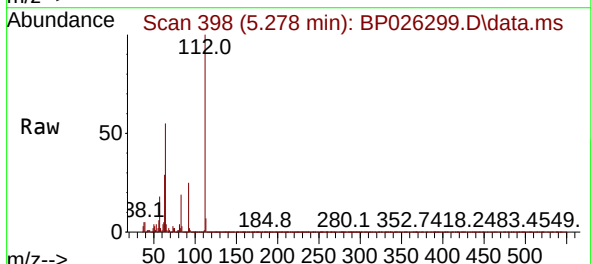
Instrument :
BNA_P
ClientSampleId :
TP-11

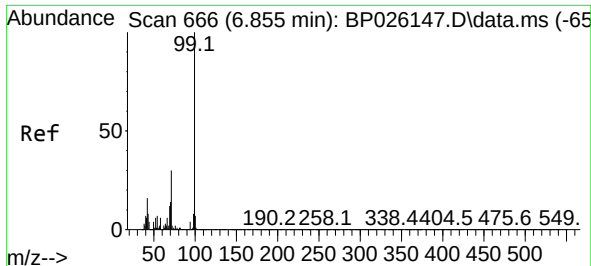
Tgt Ion:152 Resp: 239941
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.6
115 57.3 46.3 69.5



#5
2-Fluorophenol
Concen: 111.030 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

Tgt Ion:112 Resp: 1657077
Ion Ratio Lower Upper
112 100
64 55.1 45.8 68.6
63 28.8 23.5 35.3

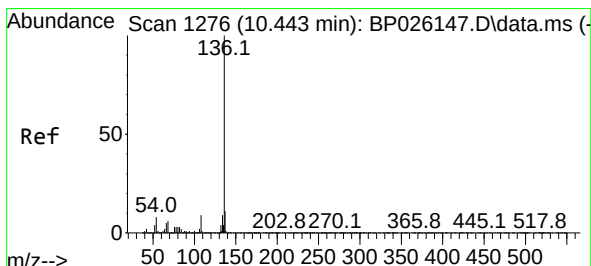
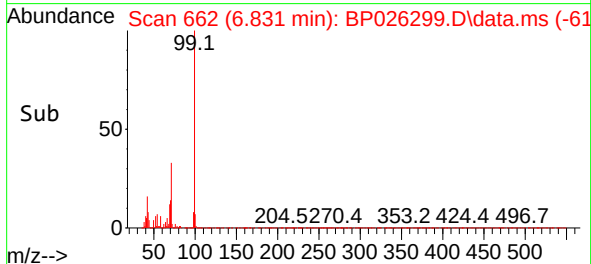
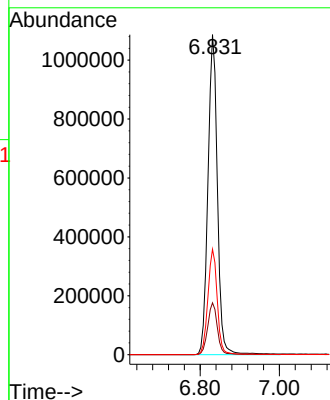
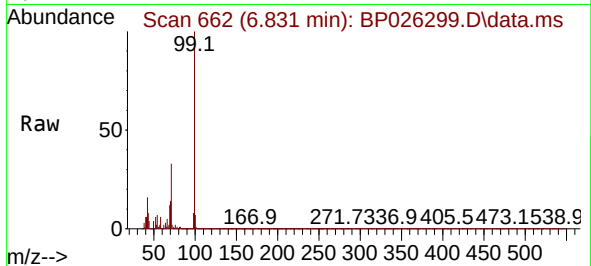




#7
Phenol-d6
Concen: 95.567 ng
RT: 6.831 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

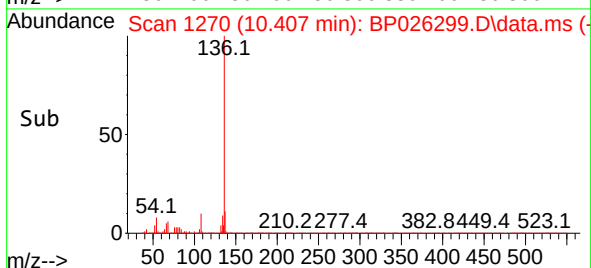
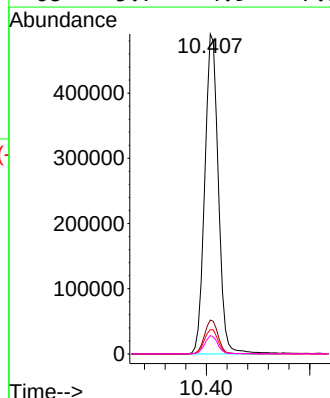
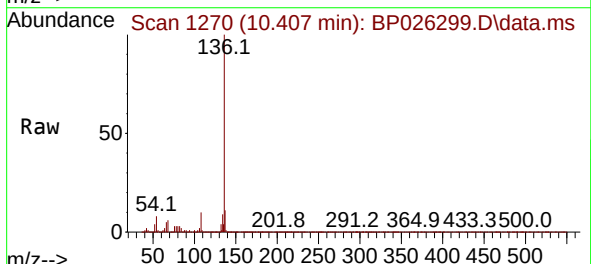
Instrument :
BNA_P
ClientSampleId :
TP-11

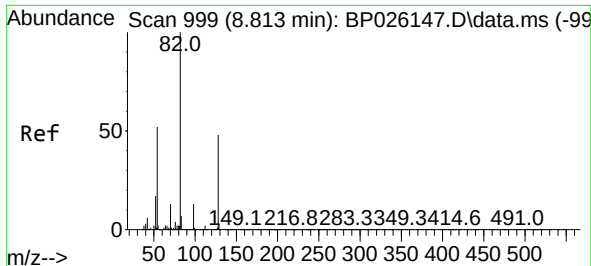
Tgt Ion: 99 Resp: 1800392
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 33.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

Tgt Ion: 136 Resp: 895211
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.6 6.4 9.6
68 5.7 4.9 7.3

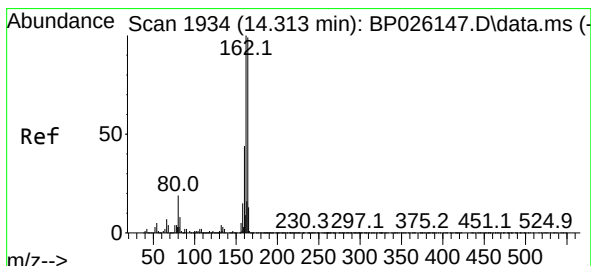
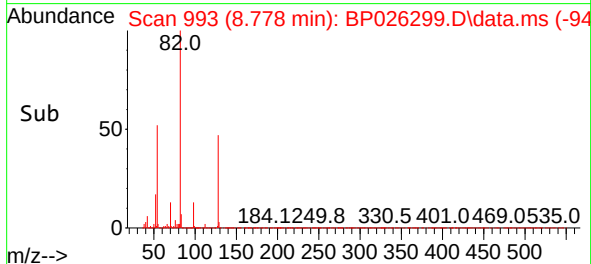
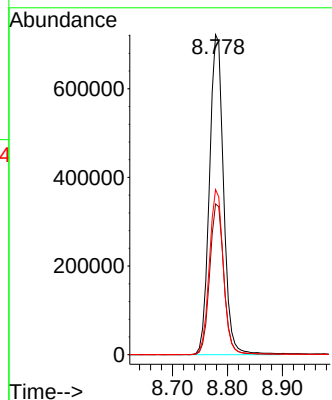
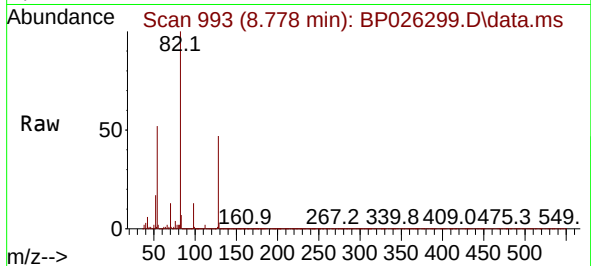




#23
 Nitrobenzene-d5
 Concen: 82.012 ng
 RT: 8.778 min Scan# 999
 Delta R.T. -0.012 min
 Lab File: BP026299.D
 Acq: 11 Dec 2025 19:19

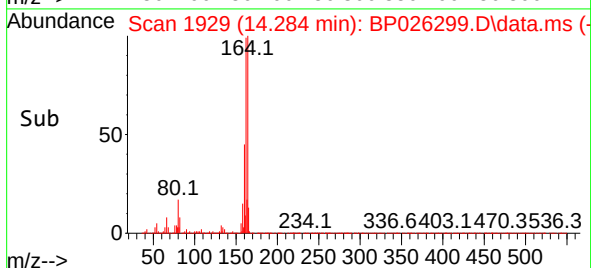
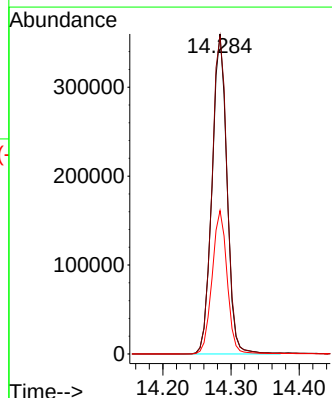
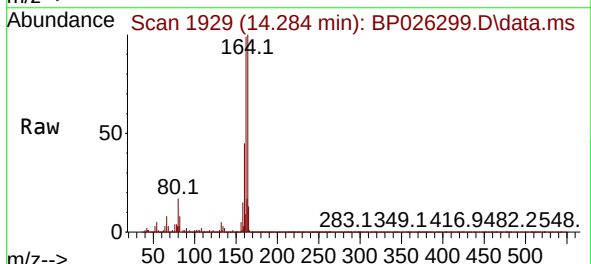
Instrument :
 BNA_P
 ClientSampleId :
 TP-11

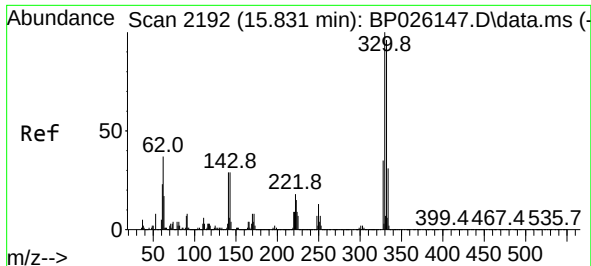
Tgt Ion: 82 Resp: 1289840
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.4 56.0
 54 51.6 41.6 62.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.284 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BP026299.D
 Acq: 11 Dec 2025 19:19

Tgt Ion:164 Resp: 548114
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.3 120.5
 160 44.8 35.2 52.8

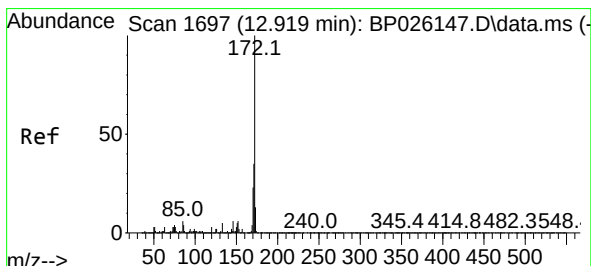
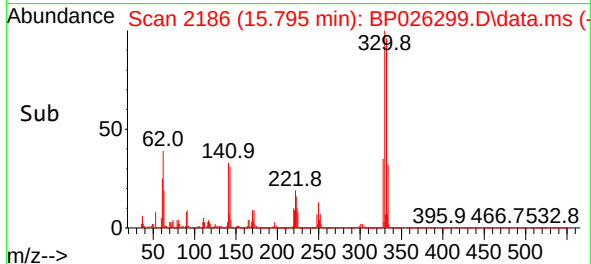
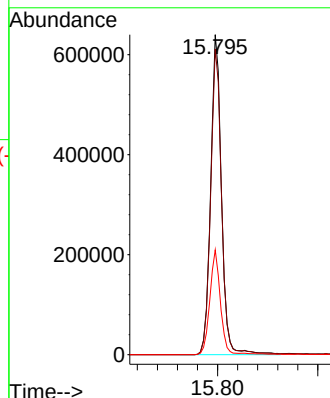
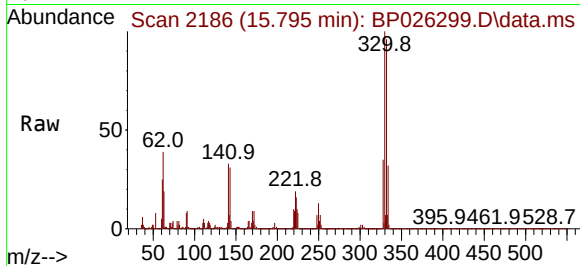




#42
2,4,6-Tribromophenol
Concen: 134.561 ng
RT: 15.795 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

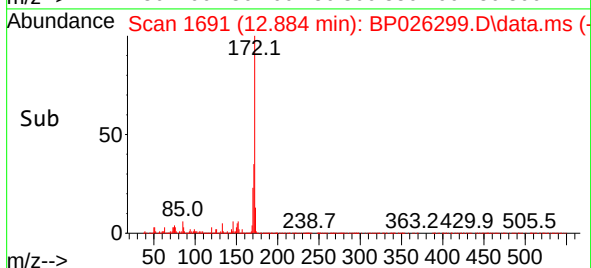
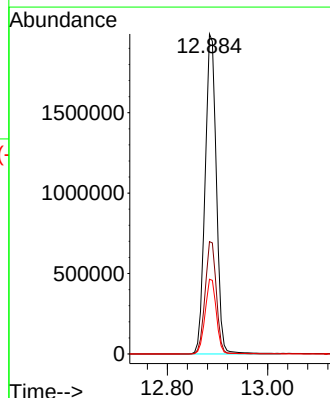
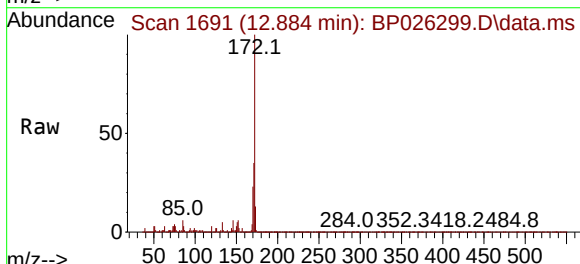
Instrument :
BNA_P
ClientSampleId :
TP-11

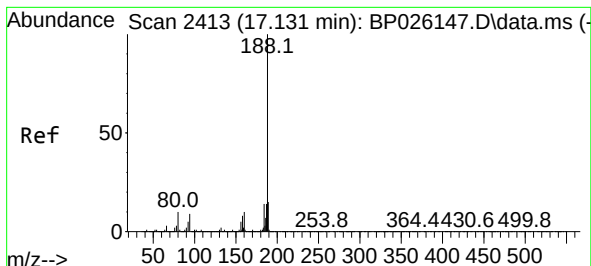
Tgt Ion:330 Resp: 959159
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 31.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 82.614 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026299.D
Acq: 11 Dec 2025 19:19

Tgt Ion:172 Resp: 3114562
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.089 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP026299.D

Acq: 11 Dec 2025 19:19

Instrument :

BNA_P

ClientSampleId :

TP-11

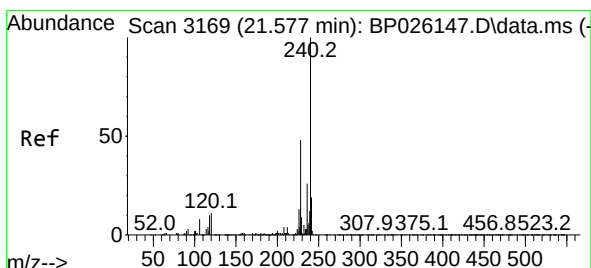
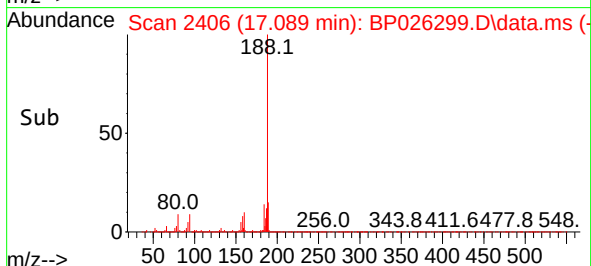
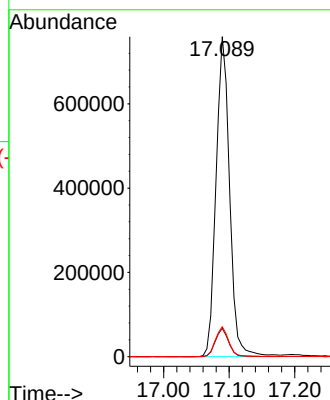
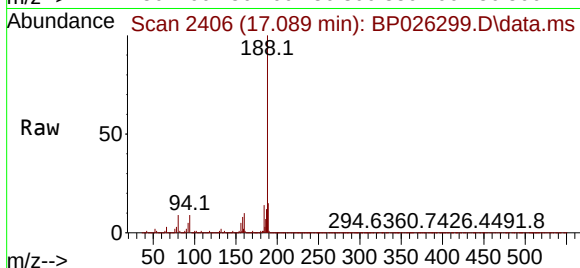
Tgt Ion:188 Resp: 1088637

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.3 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: BP026299.D

Acq: 11 Dec 2025 19:19

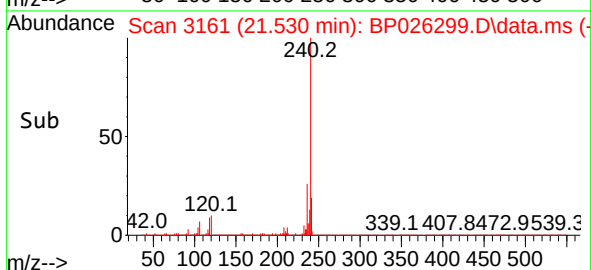
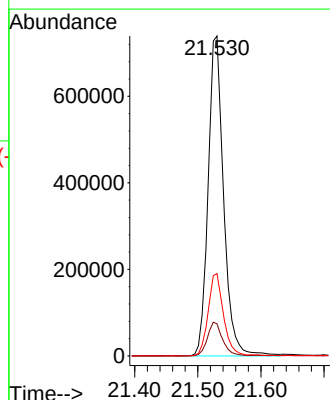
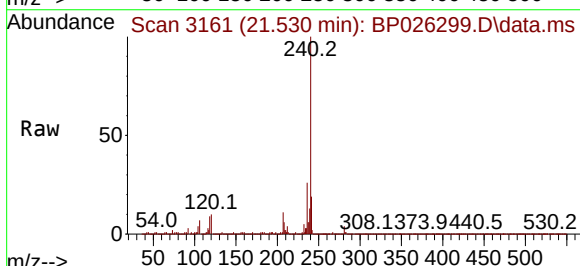
Tgt Ion:240 Resp: 1262375

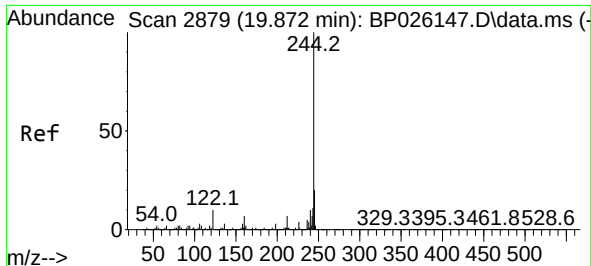
Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 25.7 20.4 30.6

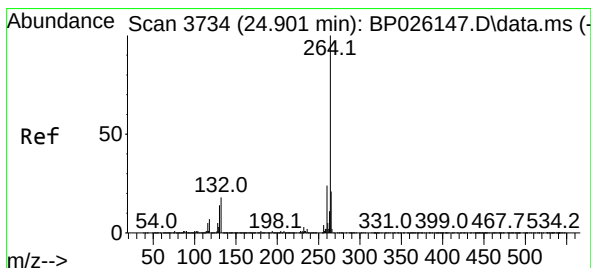
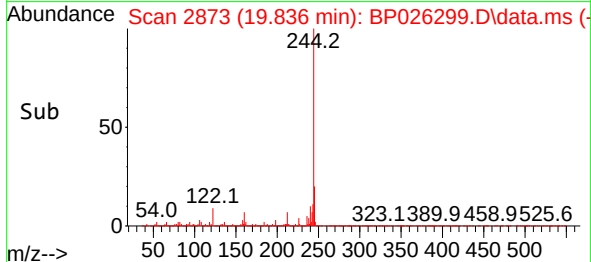
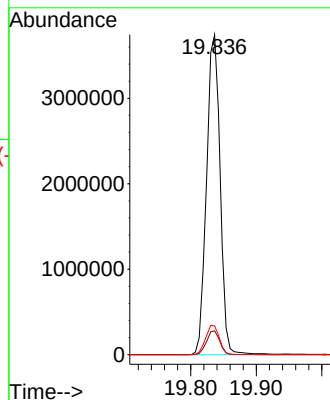
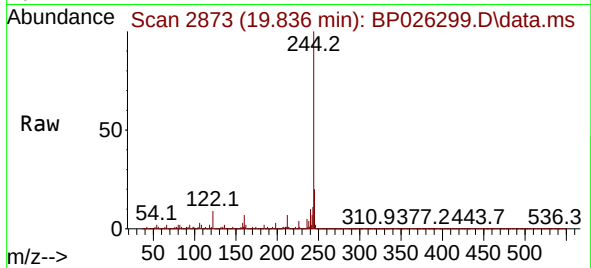




#79
 Terphenyl-d14
 Concen: 87.548 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP026299.D
 Acq: 11 Dec 2025 19:19

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 5407154
 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: 24.824 min Scan# 3721
 Delta R.T. -0.000 min
 Lab File: BP026299.D
 Acq: 11 Dec 2025 19:19

Tgt Ion:264 Resp: 1400638
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.0 17.5 26.3

