

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026331.D
 Acq On : 15 Dec 2025 18:56
 Operator : RC/JU
 Sample : Q3839-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT8

Quant Time: Dec 16 00:55:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 14:15:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	232447	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	871887	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	547997	20.000	ng	0.00
64) Phenanthrene-d10	17.083	188	1065699	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1183050	20.000	ng	0.00
86) Perylene-d12	24.830	264	1306746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	542667	37.534	ng	0.00
7) Phenol-d6	6.837	99	360647	19.758	ng	0.00
23) Nitrobenzene-d5	8.784	82	998116	64.813	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	866516	118.983	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2577469	68.000	ng	0.00
79) Terphenyl-d14	19.830	244	4715595	79.416	ng	0.00

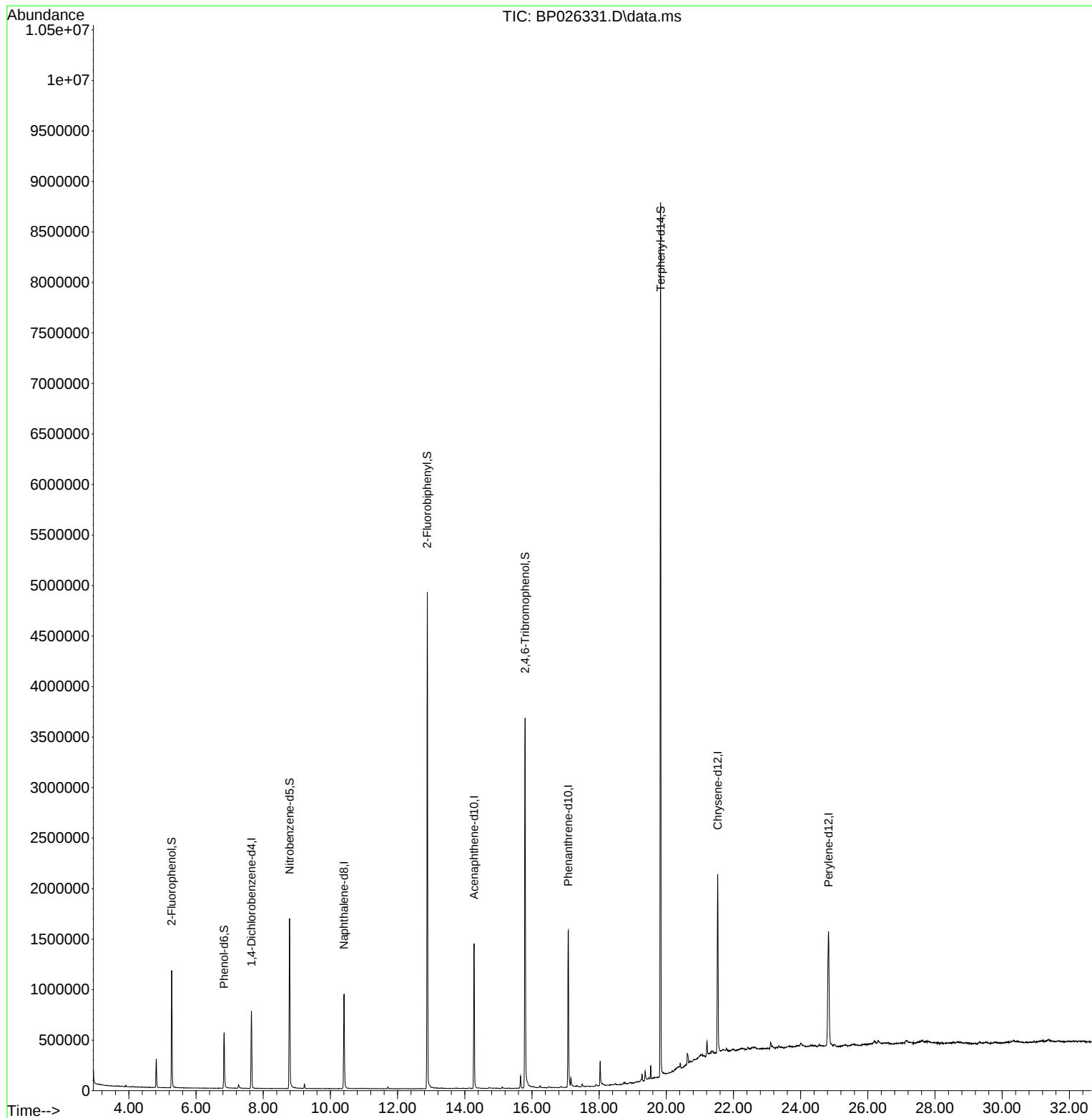
Target Compounds	Qvalue

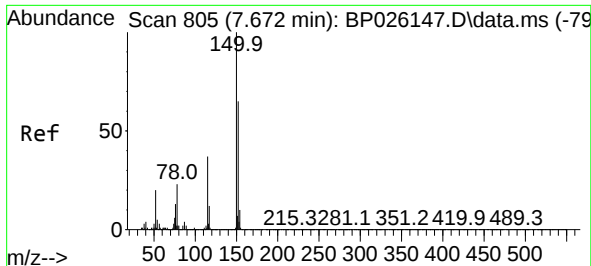
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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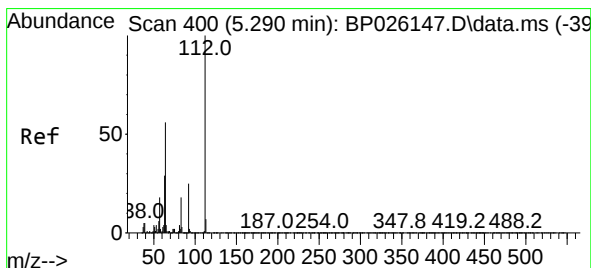
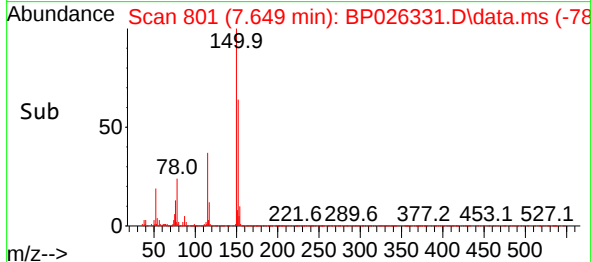
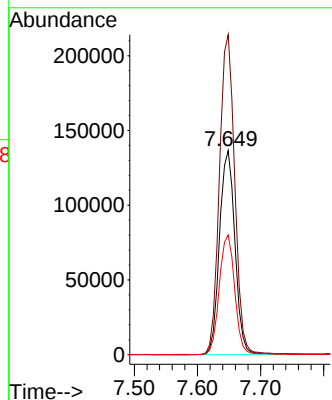
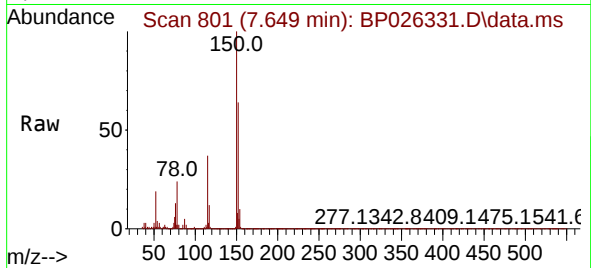




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

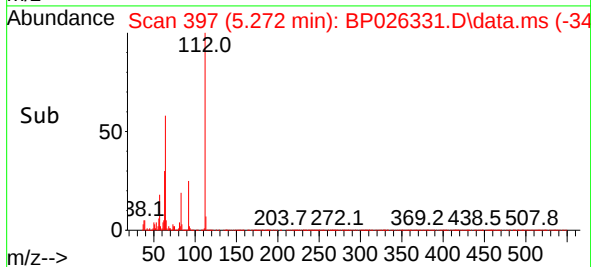
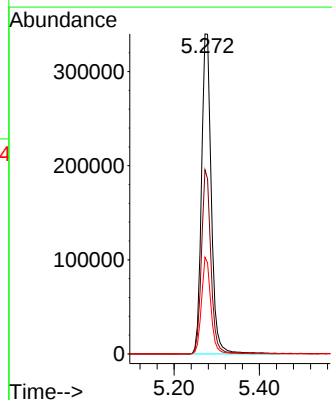
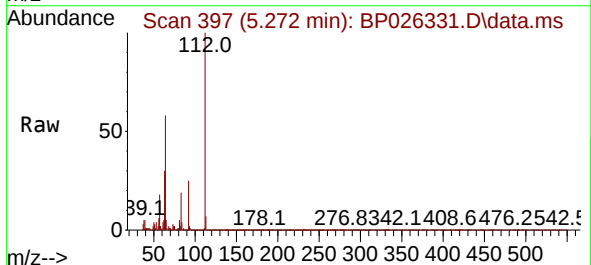
Instrument :
BNA_P
ClientSampleId :
COAT8

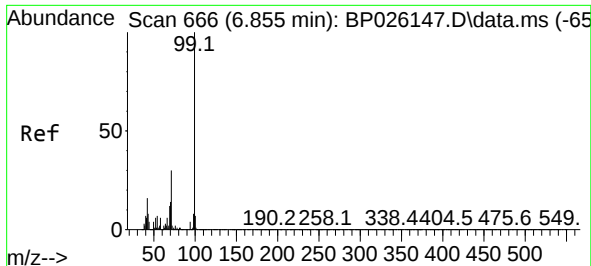
Tgt Ion:152 Resp: 232447
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.6 46.3 69.5



#5
2-Fluorophenol
Concen: 37.534 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

Tgt Ion:112 Resp: 542667
Ion Ratio Lower Upper
112 100
64 57.5 45.8 68.6
63 30.2 23.5 35.3

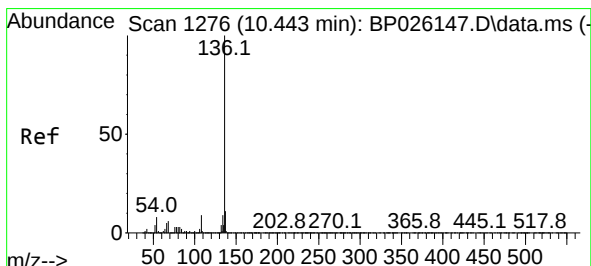
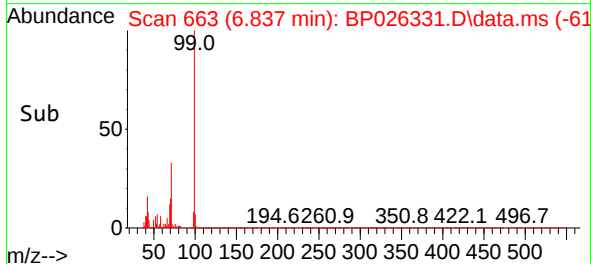
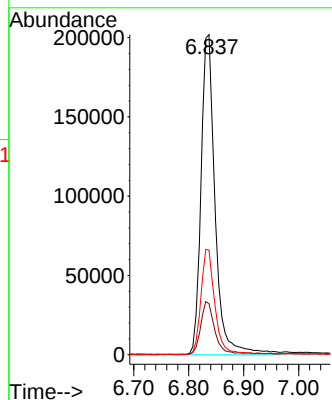
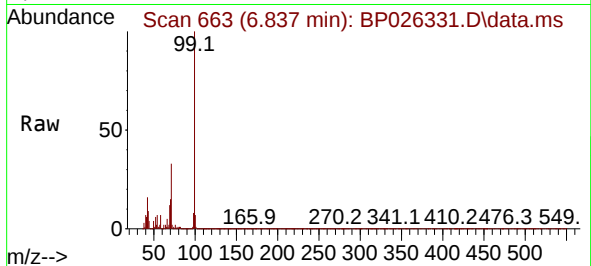




#7
Phenol-d6
Concen: 19.758 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

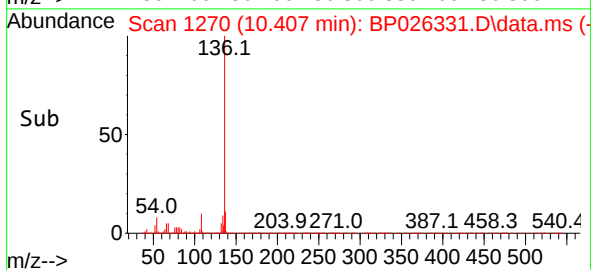
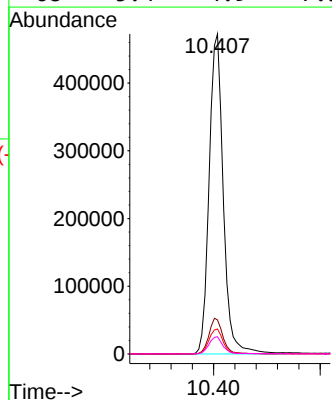
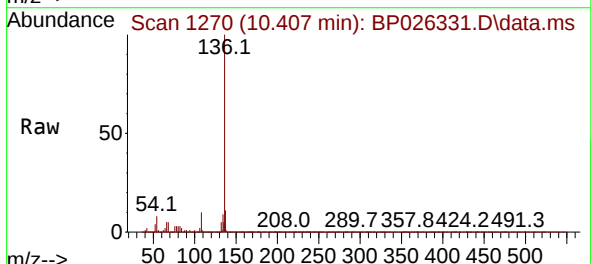
Instrument :
BNA_P
ClientSampleId :
C0AT8

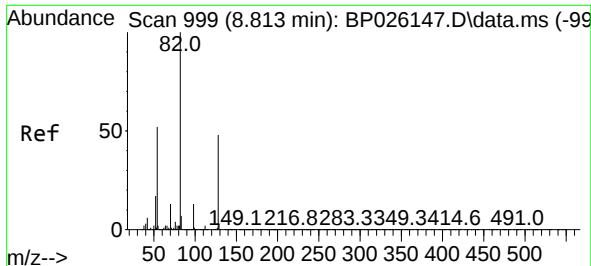
Tgt Ion: 99 Resp: 360647
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 32.7 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

Tgt Ion: 136 Resp: 871887
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.8 6.4 9.6
68 5.4 4.9 7.3

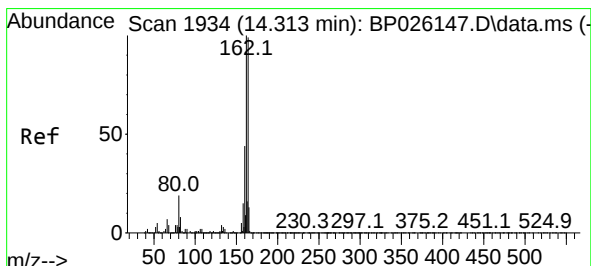
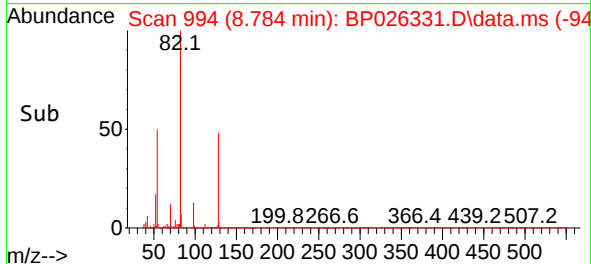
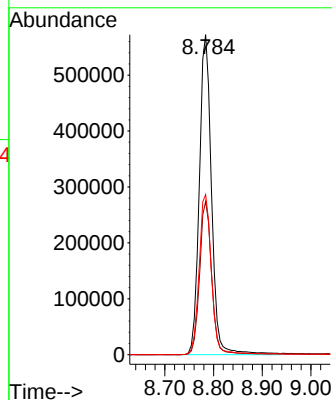
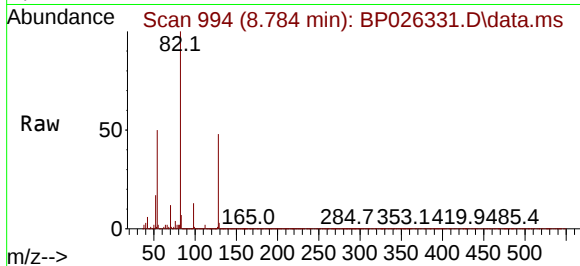




#23
Nitrobenzene-d5
Concen: 64.813 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

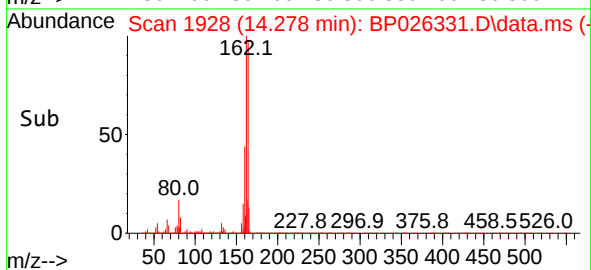
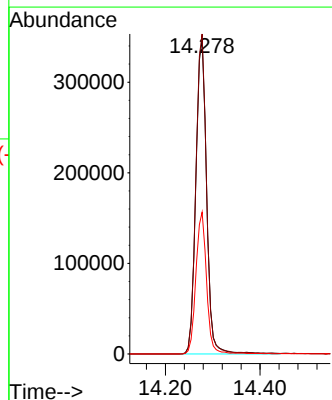
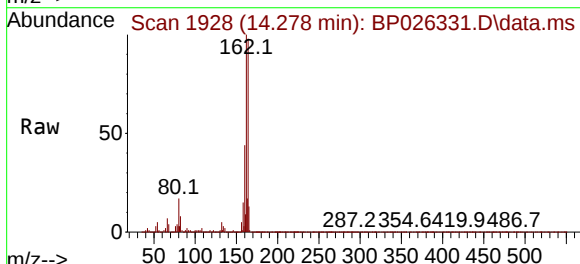
Instrument :
BNA_P
ClientSampleId :
C0AT8

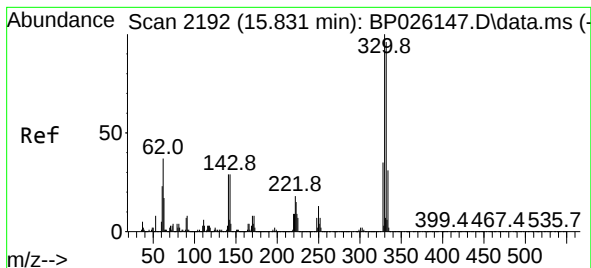
Tgt Ion: 82 Resp: 998116
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 50.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

Tgt Ion:164 Resp: 547997
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 45.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 118.983 ng

RT: 15.795 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026331.D

Acq: 15 Dec 2025 18:56

Instrument :

BNA_P

ClientSampleId :

COAT8

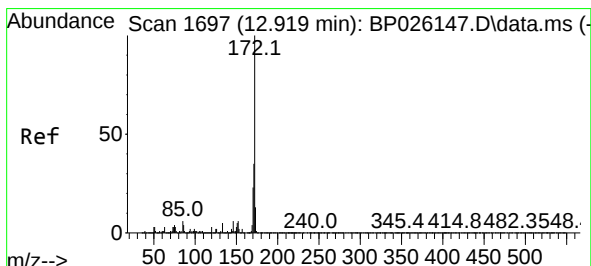
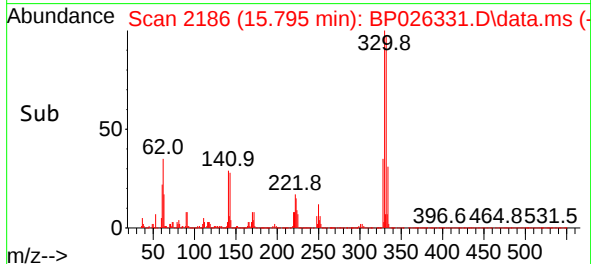
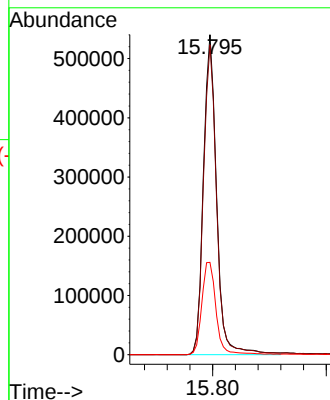
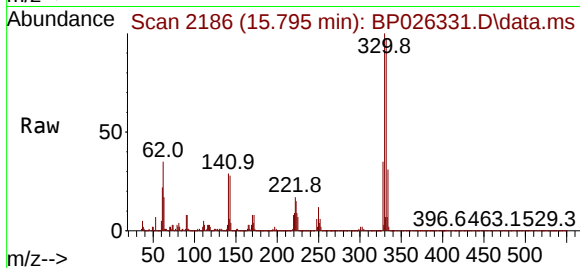
Tgt Ion:330 Resp: 866516

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 31.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 68.000 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP026331.D

Acq: 15 Dec 2025 18:56

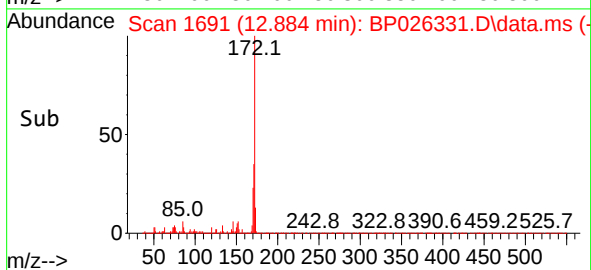
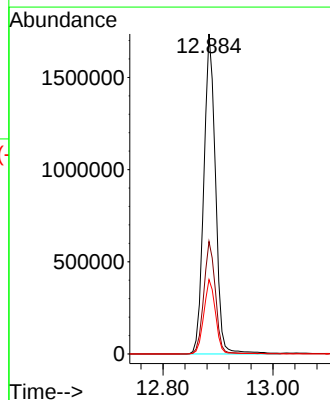
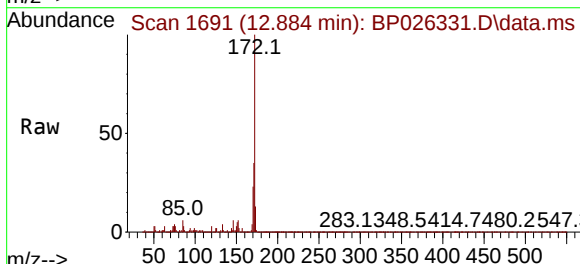
Tgt Ion:172 Resp: 2577469

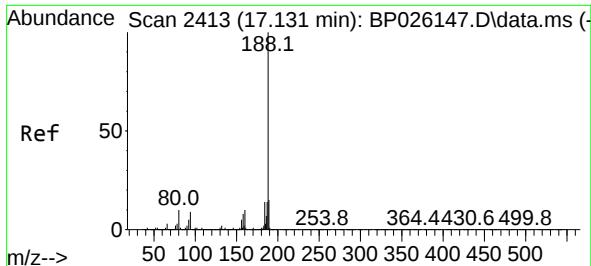
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.3 18.7 28.1

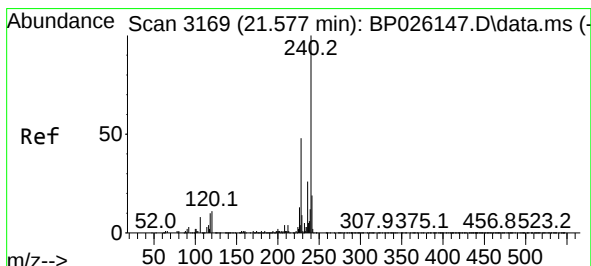
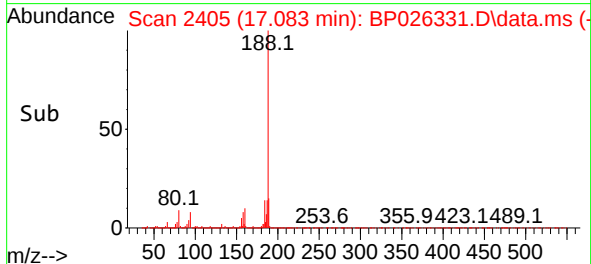
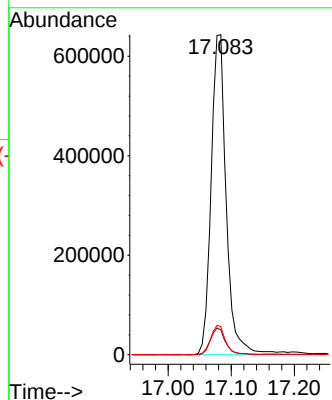
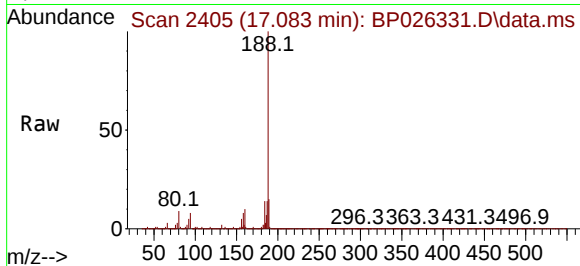




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

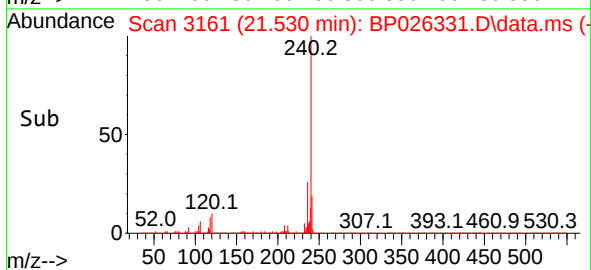
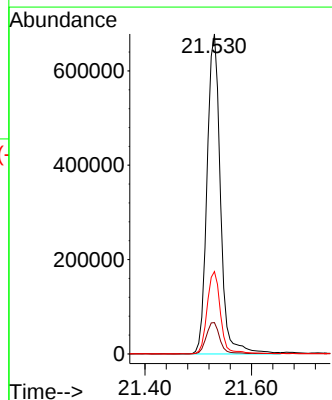
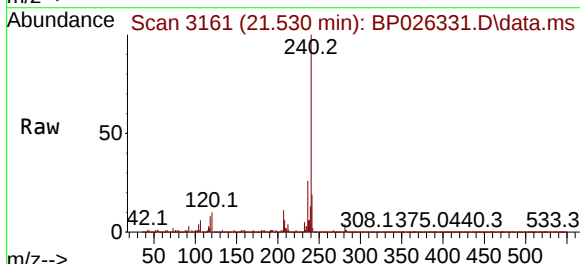
Instrument :
BNA_P
ClientSampleId :
C0AT8

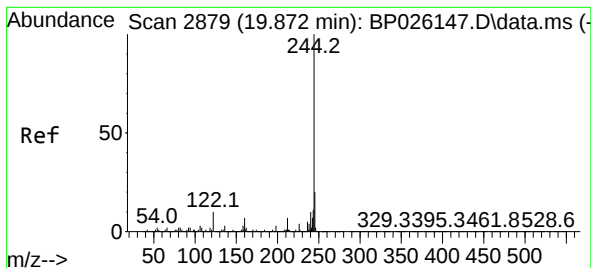
Tgt Ion:188 Resp: 1065699
Ion Ratio Lower Upper
188 100
94 7.8 7.8 11.6
80 8.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026331.D
Acq: 15 Dec 2025 18:56

Tgt Ion:240 Resp: 1183050
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 79.416 ng

RT: 19.830 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026331.D

Acq: 15 Dec 2025 18:56

Instrument :

BNA_P

ClientSampleId :

COAT8

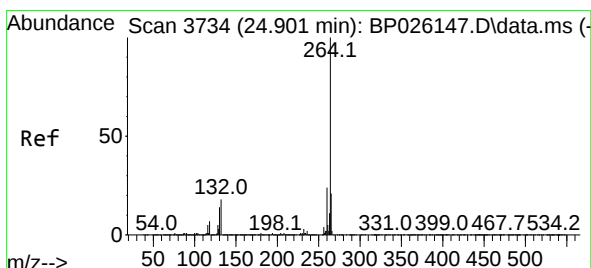
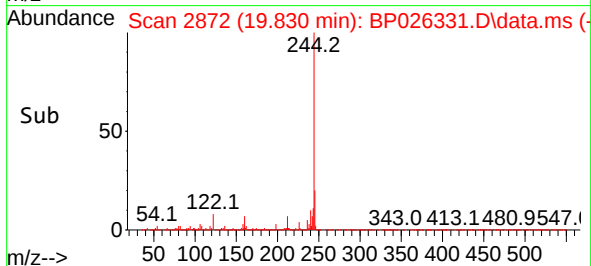
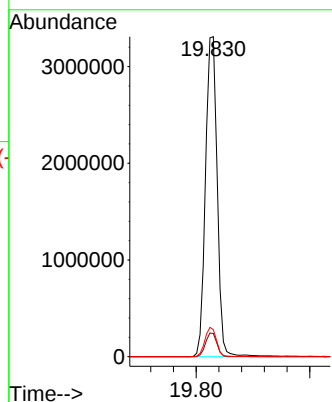
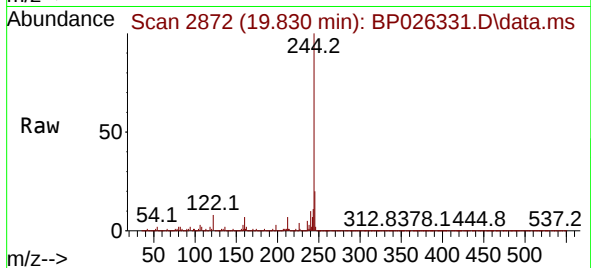
Tgt Ion:244 Resp: 4715595

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 8.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.006 min

Lab File: BP026331.D

Acq: 15 Dec 2025 18:56

Tgt Ion:264 Resp: 1306746

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.9 17.5 26.3

