

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026330.D
 Acq On : 15 Dec 2025 18:15
 Operator : RC/JU
 Sample : Q3839-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AT7

Quant Time: Dec 16 00:55:29 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	197354	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	734748	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	449350	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	873069	20.000	ng	0.00
76) Chrysene-d12	21.525	240	1015673	20.000	ng	-0.01
86) Perylene-d12	24.818	264	1228974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	501290	40.838	ng	0.00
7) Phenol-d6	6.837	99	326644	21.077	ng	0.00
23) Nitrobenzene-d5	8.784	82	860398	66.299	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	736908	123.400	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	2220413	71.440	ng	0.00
79) Terphenyl-d14	19.831	244	3219880	63.163	ng	0.00

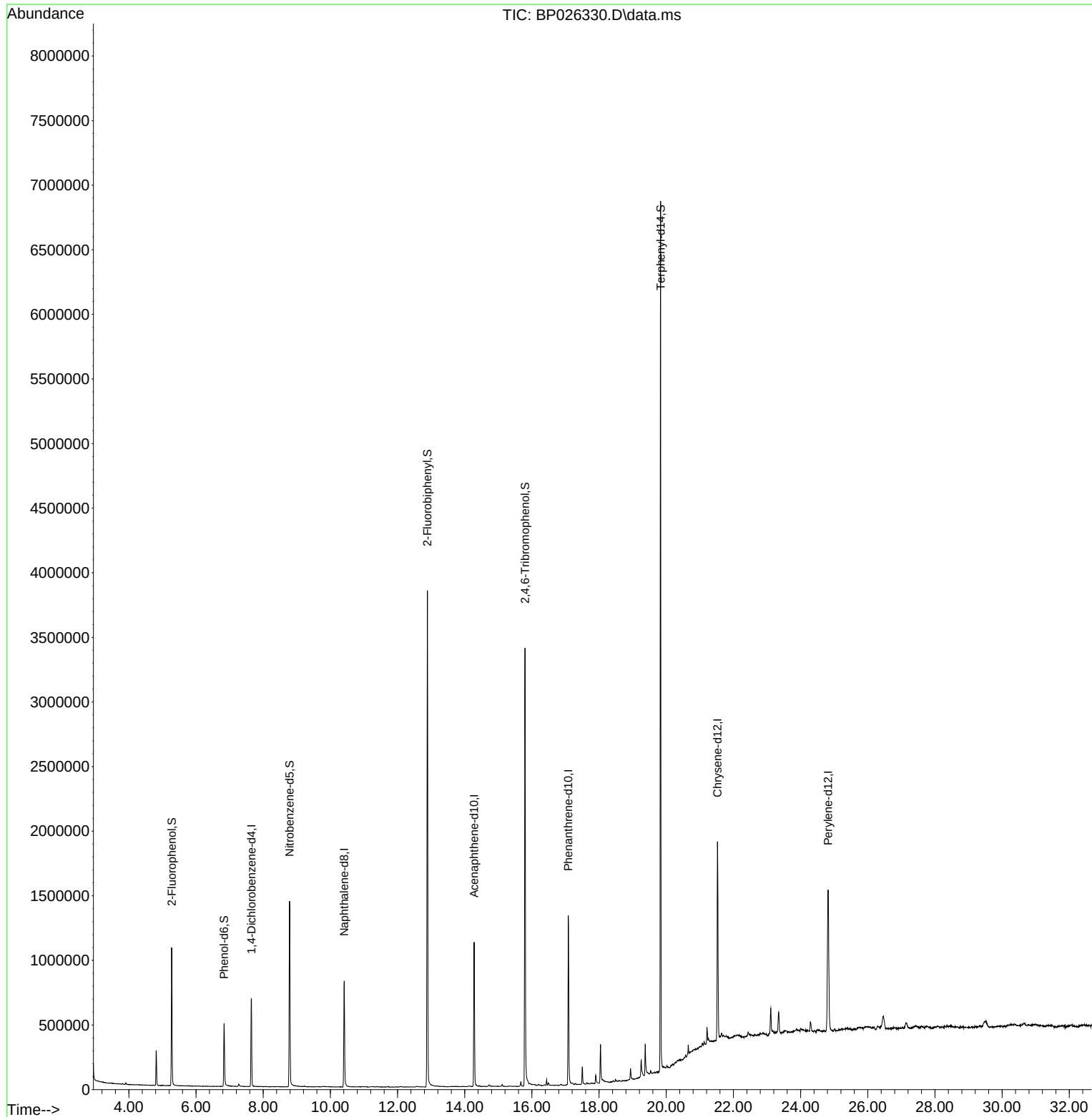
Target Compounds	Qvalue

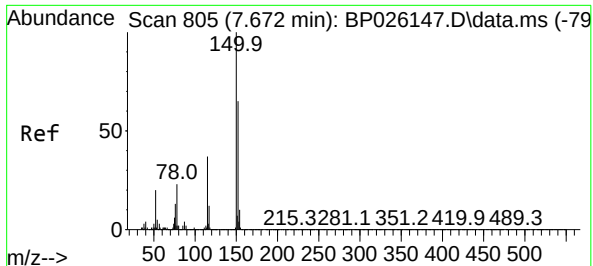
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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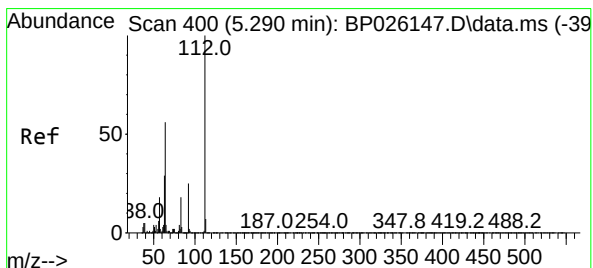
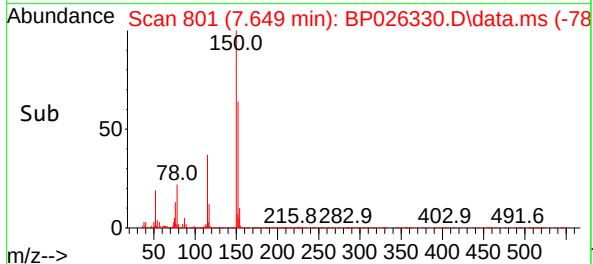
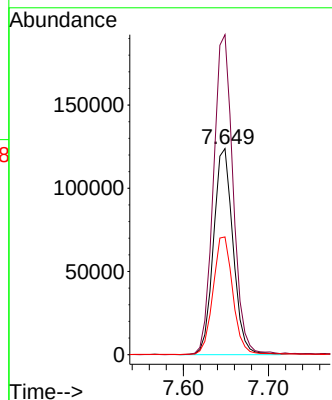
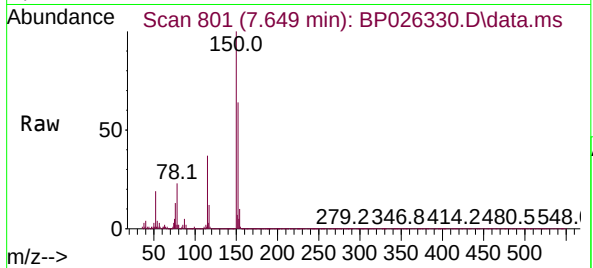




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

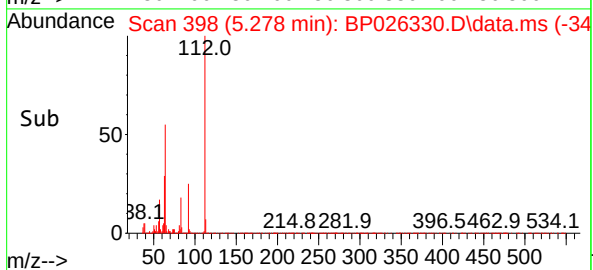
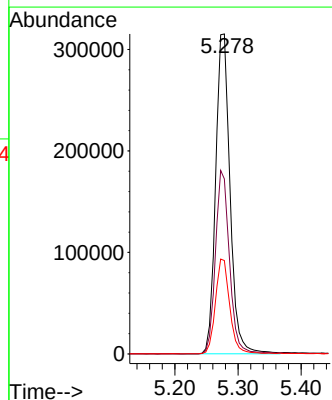
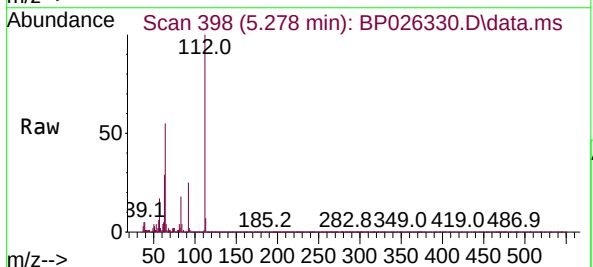
Instrument :
BNA_P
ClientSampleId :
C0AT7

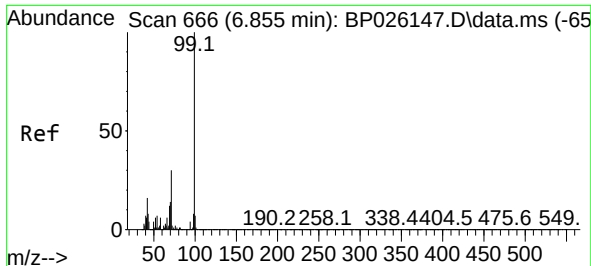
Tgt Ion:152 Resp: 197354
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.6
115 57.1 46.3 69.5



#5
2-Fluorophenol
Concen: 40.838 ng
RT: 5.278 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

Tgt Ion:112 Resp: 501290
Ion Ratio Lower Upper
112 100
64 54.7 45.8 68.6
63 29.2 23.5 35.3

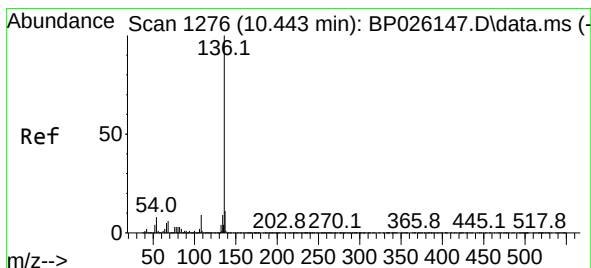
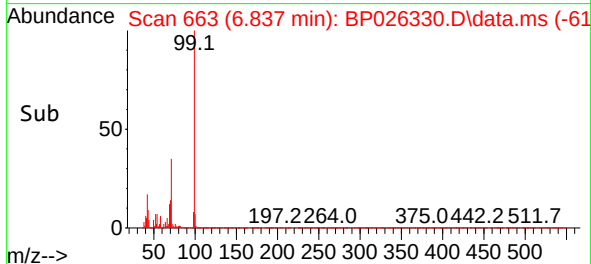
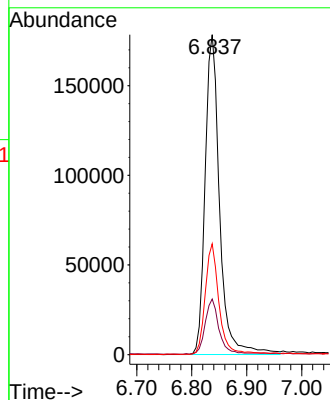
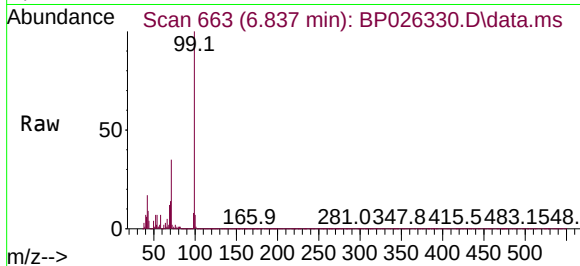




#7
Phenol-d6
Concen: 21.077 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

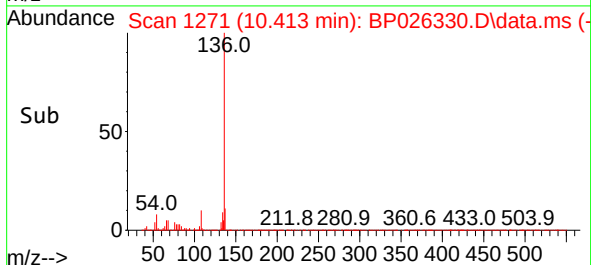
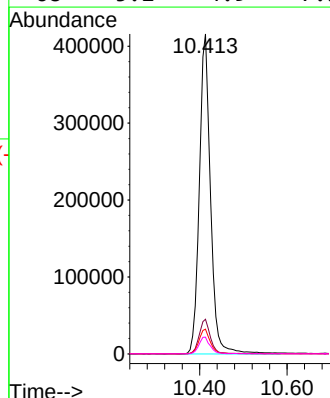
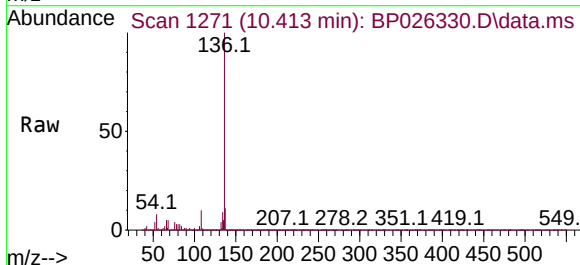
Instrument :
BNA_P
ClientSampleId :
C0AT7

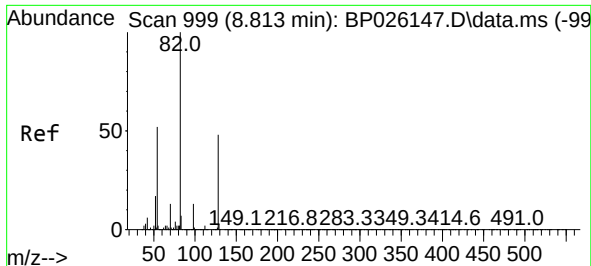
Tgt Ion: 99 Resp: 326644
Ion Ratio Lower Upper
99 100
42 17.4 12.9 19.3
71 34.6 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

Tgt Ion: 136 Resp: 734748
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.4 9.6
68 5.2 4.9 7.3

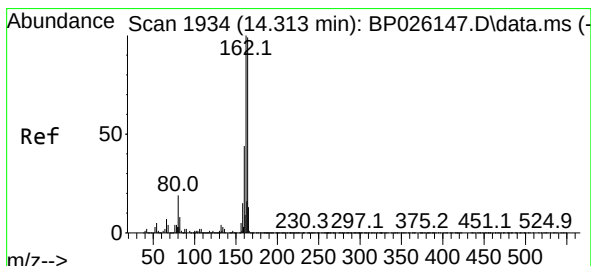
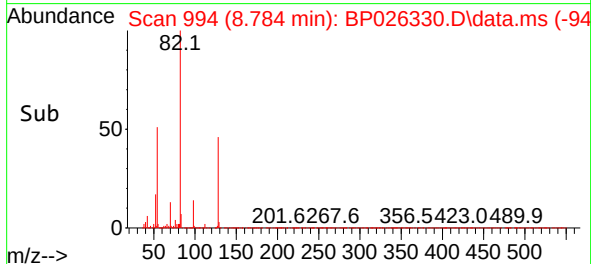
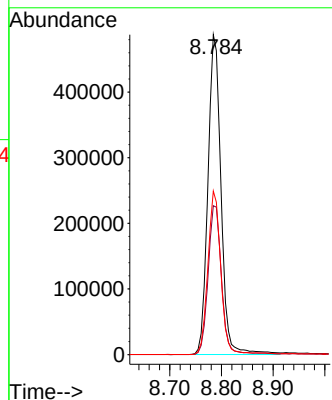
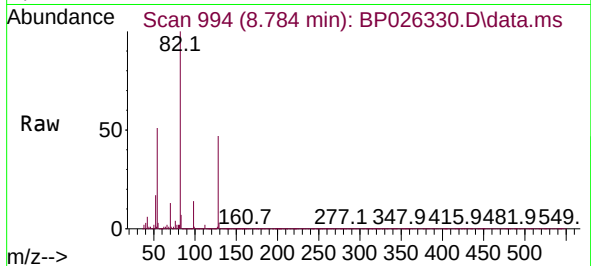




#23
Nitrobenzene-d5
Concen: 66.299 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

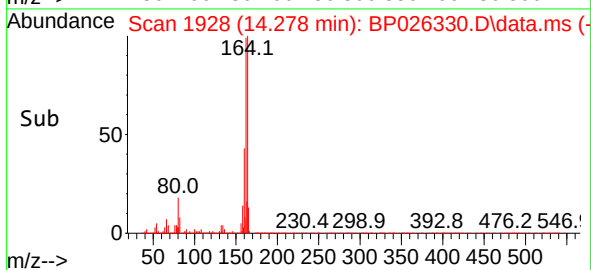
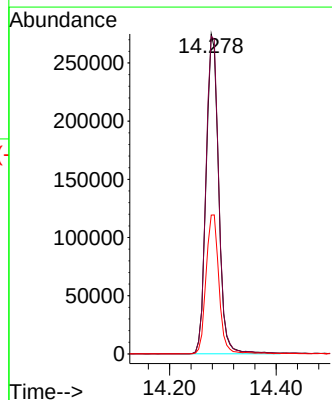
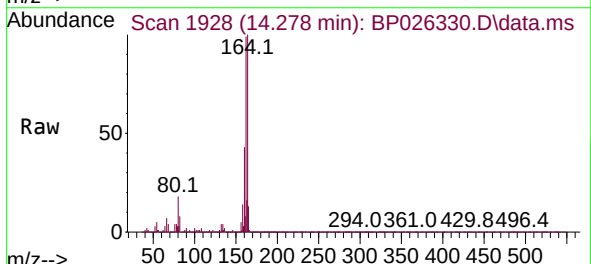
Instrument :
BNA_P
ClientSampleId :
C0AT7

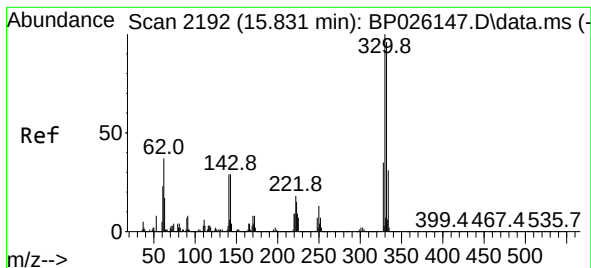
Tgt Ion: 82 Resp: 860398
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP026330.D
Acq: 15 Dec 2025 18:15

Tgt Ion:164 Resp: 449350
Ion Ratio Lower Upper
164 100
162 99.3 80.3 120.5
160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 123.400 ng

RT: 15.795 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

Instrument :

BNA_P

ClientSampleId :

C0AT7

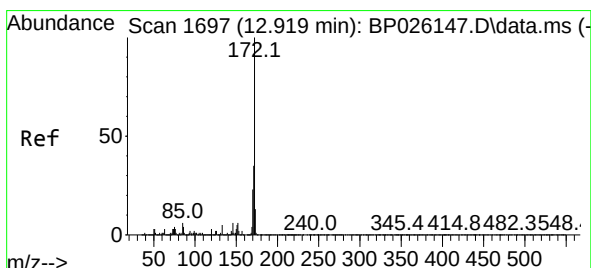
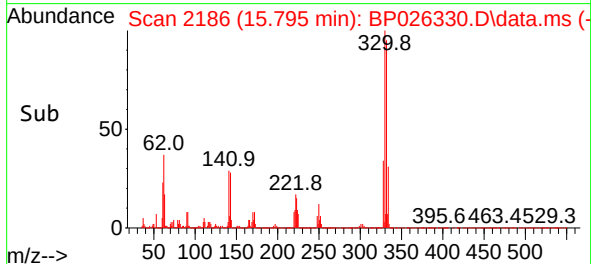
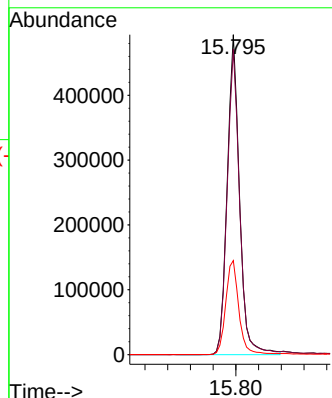
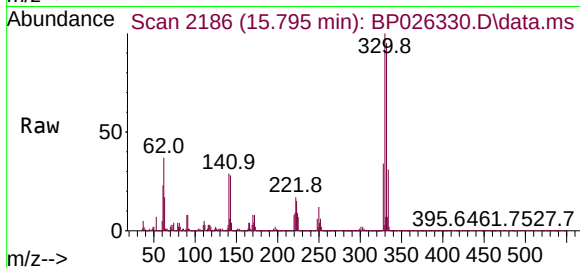
Tgt Ion:330 Resp: 736908

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 31.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 71.440 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

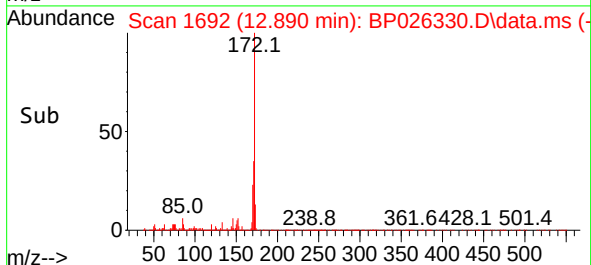
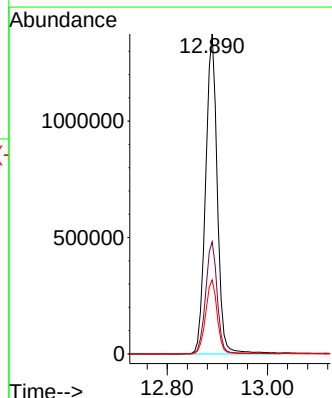
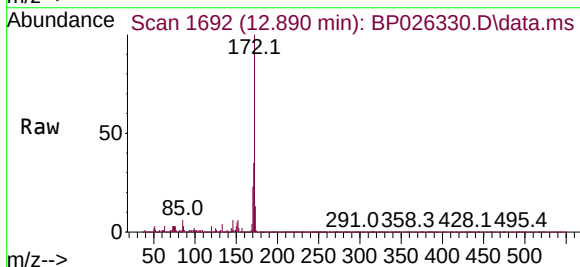
Tgt Ion:172 Resp: 2220413

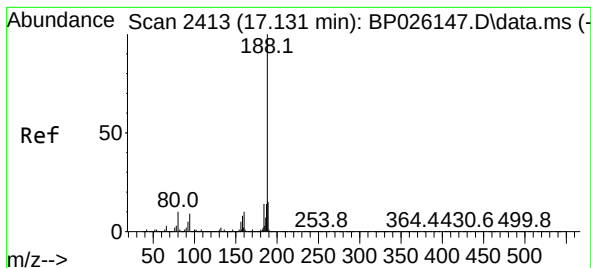
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.084 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

Instrument :

BNA_P

ClientSampleId :

C0AT7

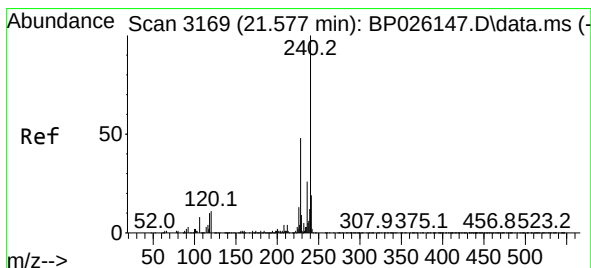
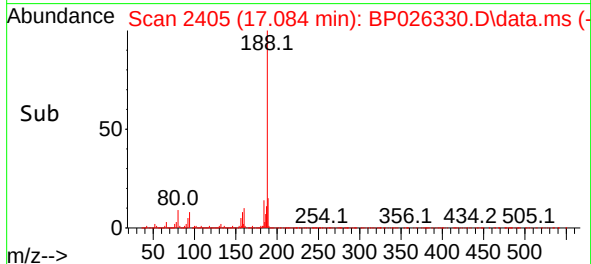
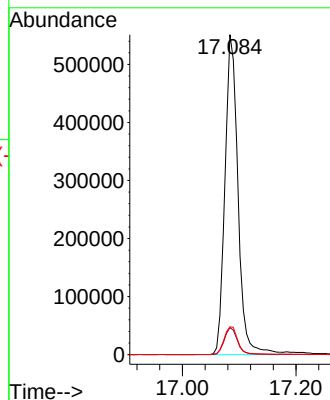
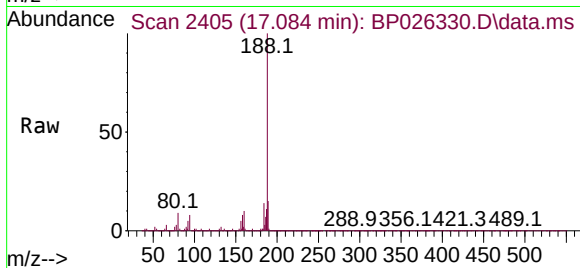
Tgt Ion:188 Resp: 873069

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.6

80 8.7 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.525 min Scan# 3160

Delta R.T. -0.012 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

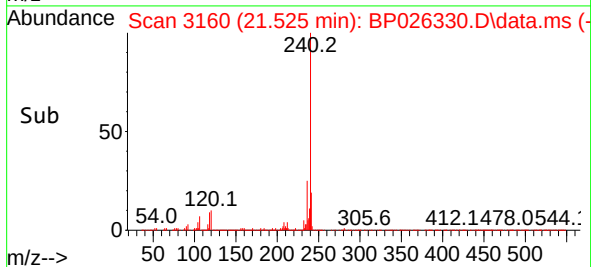
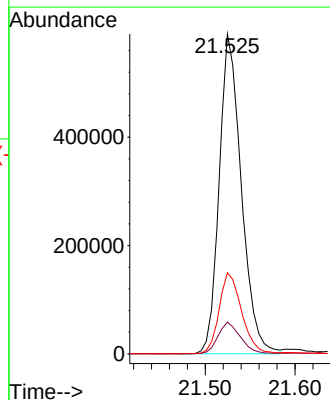
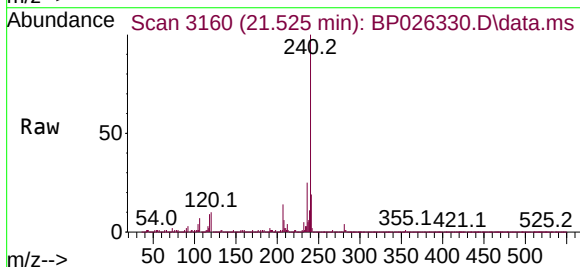
Tgt Ion:240 Resp: 1015673

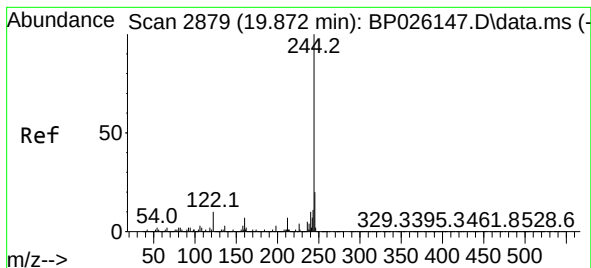
Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 63.163 ng

RT: 19.831 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

Instrument :

BNA_P

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C0AT7

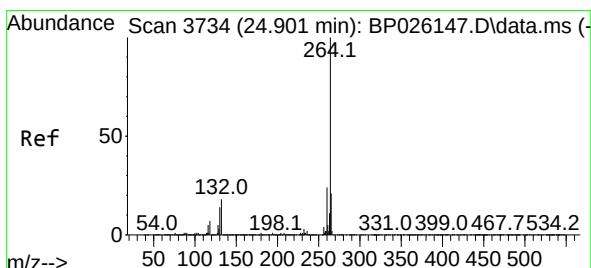
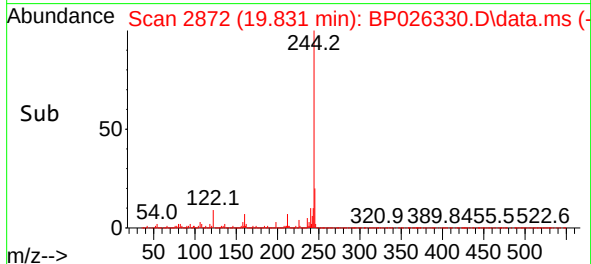
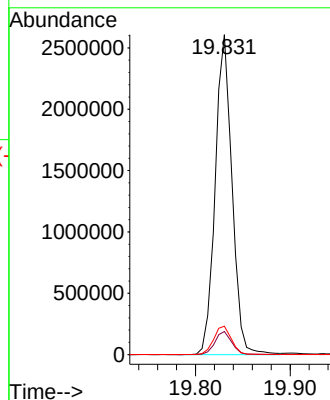
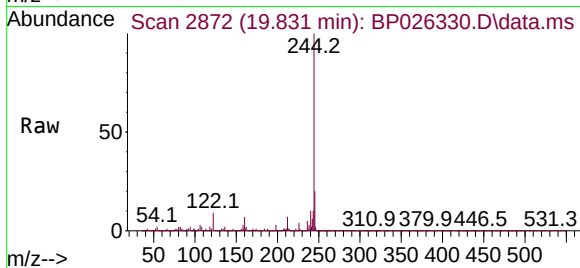
Tgt Ion:244 Resp: 3219880

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3720

Delta R.T. -0.018 min

Lab File: BP026330.D

Acq: 15 Dec 2025 18:15

Tgt Ion:264 Resp: 1228974

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.1 17.5 26.3

