

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025132.D
 Acq On : 14 Jul 2025 23:18
 Operator : CG/JU
 Sample : Q2565-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0194-0195

Quant Time: Jul 15 01:18:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	507910	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1962563	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1039835	20.000	ng	0.00
64) Phenanthrene-d10	16.925	188	1785383	20.000	ng	# 0.02
76) Chrysene-d12	21.354	240	2359788	20.000	ng	# 0.01
86) Perylene-d12	24.465	264	2841387	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2179487	76.032	ng	0.00
7) Phenol-d6	6.631	99	2752330	73.576	ng	0.00
23) Nitrobenzene-d5	8.566	82	1717916	58.215	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	1119194	91.110	ng	0.01
45) 2-Fluorobiphenyl	12.689	172	4003869	59.650	ng	0.00
79) Terphenyl-d14	19.683	244	5009704	46.658	ng	0.01

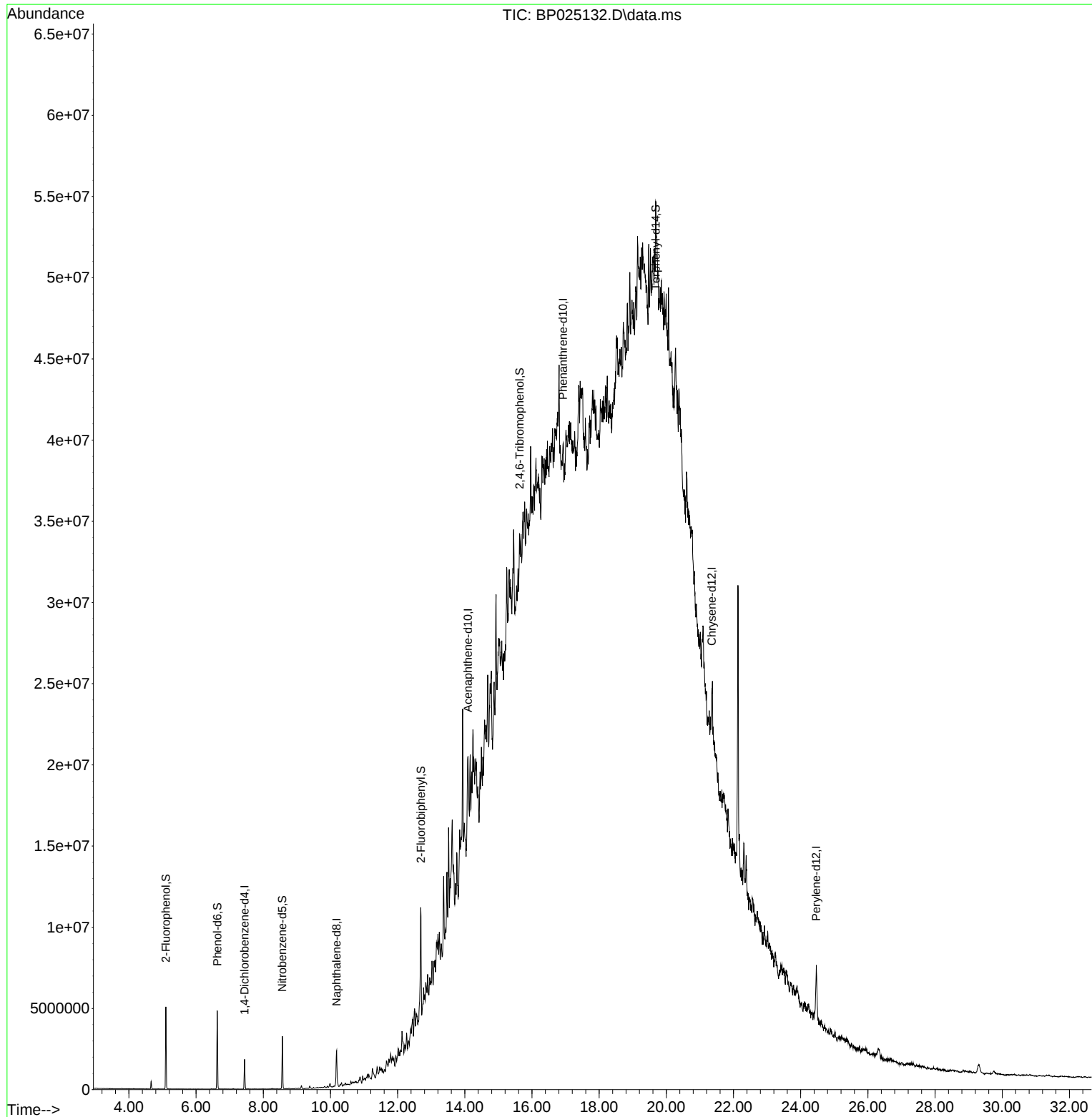
Target Compounds	Qvalue

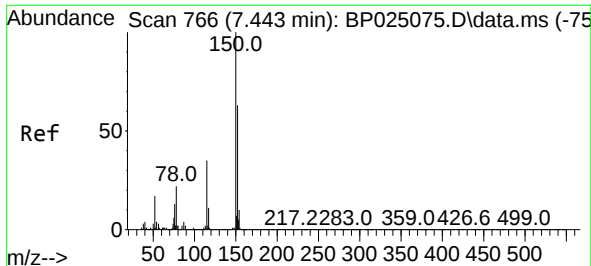
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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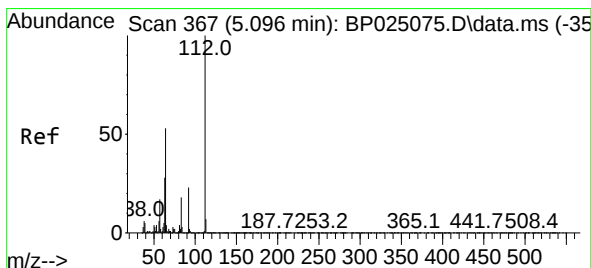
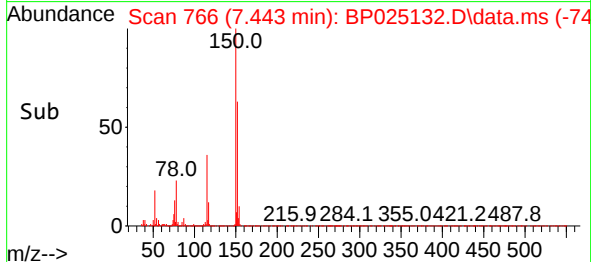
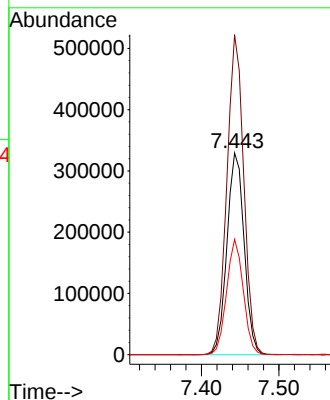
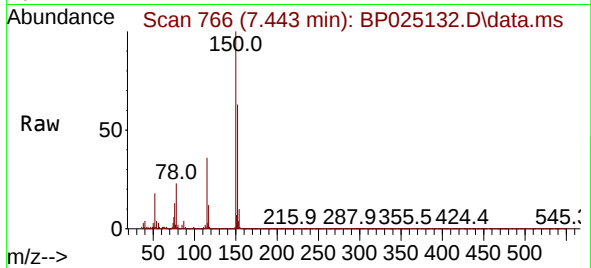




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

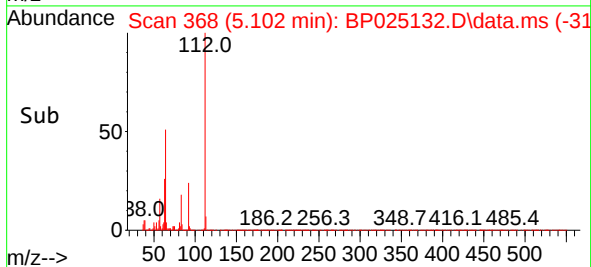
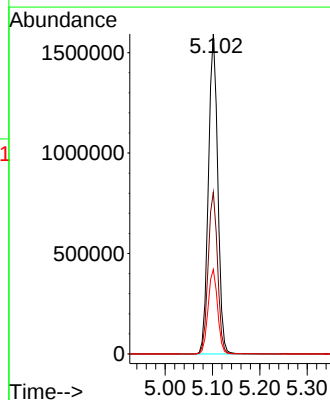
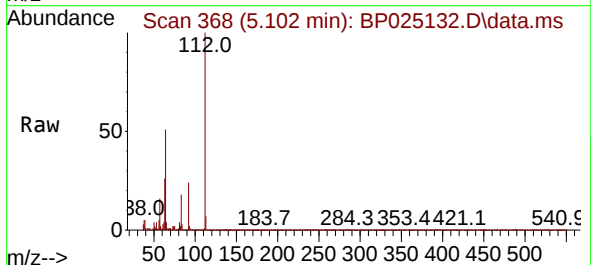
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

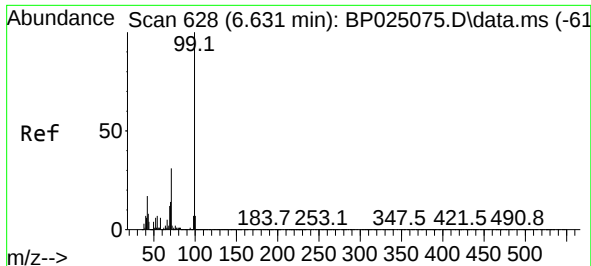
Tgt Ion:152 Resp: 507910
Ion Ratio Lower Upper
152 100
150 158.6 126.1 189.1
115 57.2 44.3 66.5



#5
2-Fluorophenol
Concen: 76.032 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:112 Resp: 2179487
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 26.4 22.2 33.2



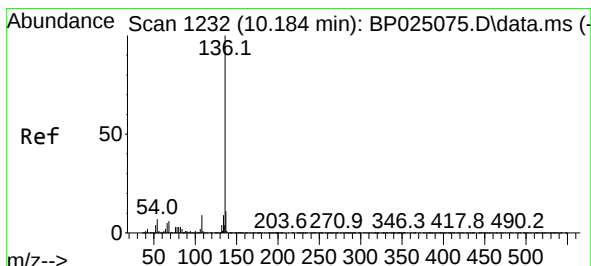
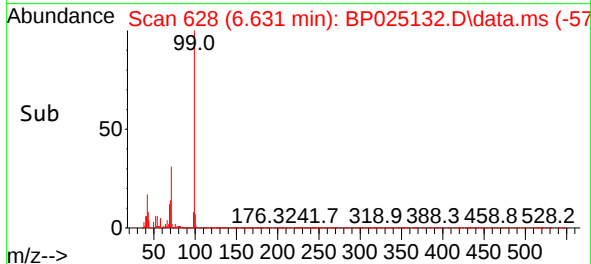
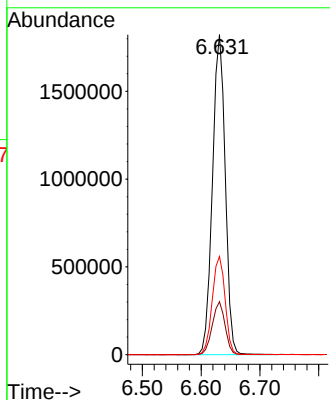
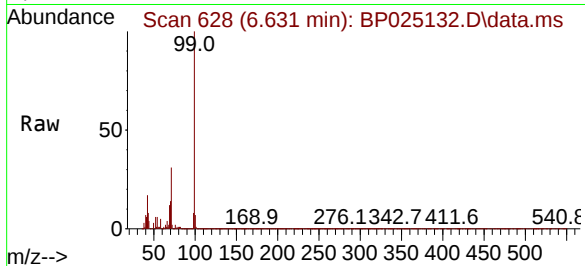


#7
Phenol-d6
Concen: 73.576 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

Tgt Ion: 99 Resp: 2752330

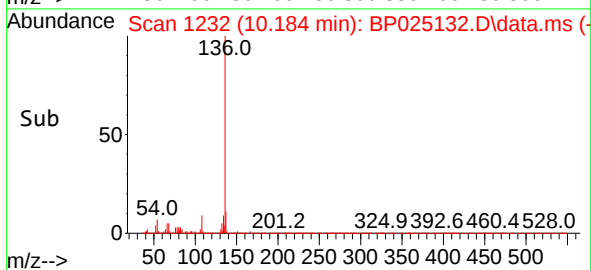
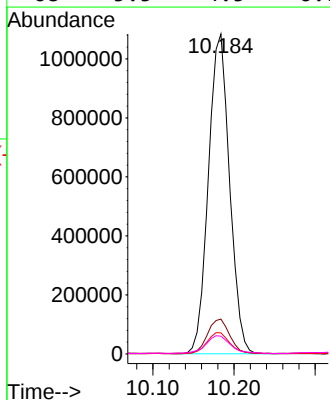
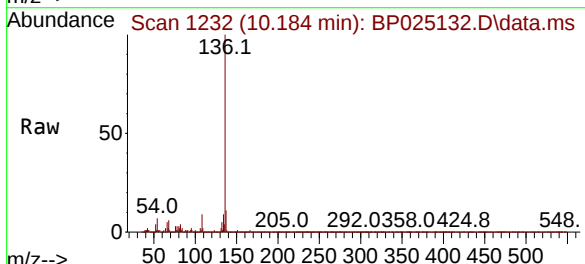
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	30.7	24.4	36.6

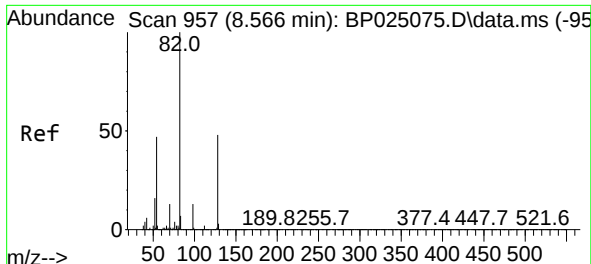


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion: 136 Resp: 1962563

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.4	8.2
68	5.5	4.5	6.7

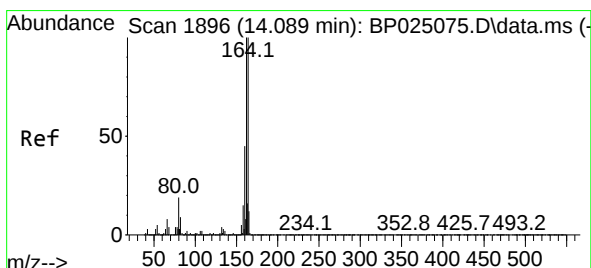
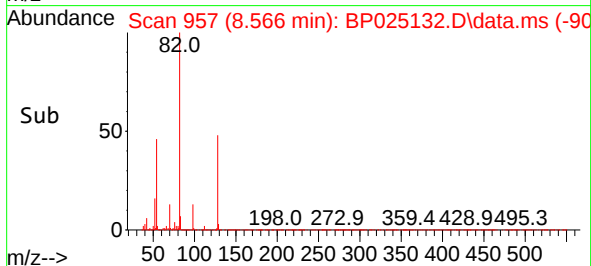
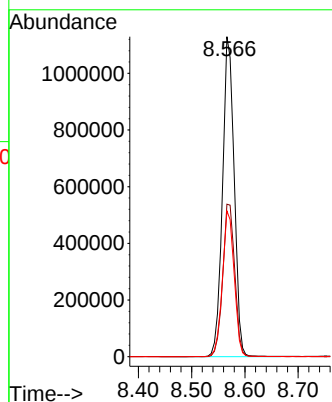
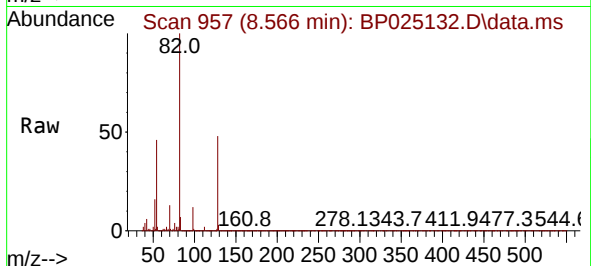




#23
Nitrobenzene-d5
Concen: 58.215 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

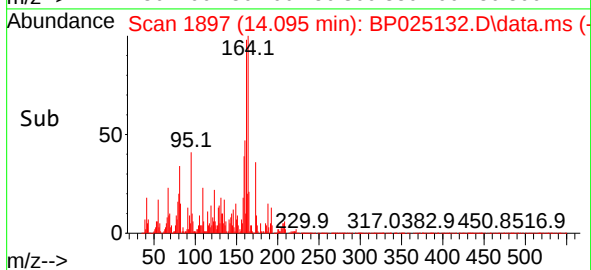
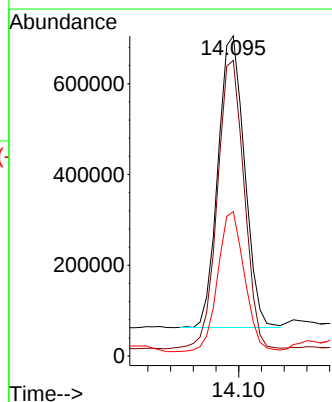
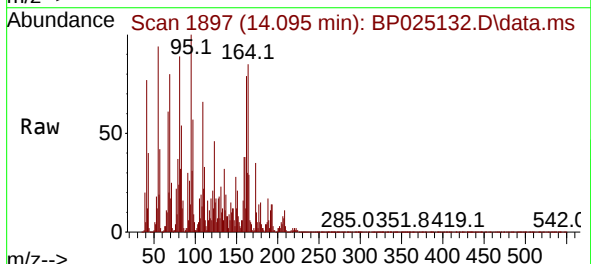
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

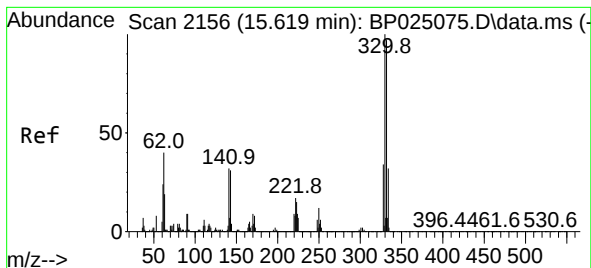
Tgt Ion: 82 Resp: 1717916
Ion Ratio Lower Upper
82 100
128 47.7 38.4 57.6
54 45.6 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:164 Resp: 1039835
Ion Ratio Lower Upper
164 100
162 92.4 80.3 120.5
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 91.110 ng

RT: 15.631 min Scan# 2156

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

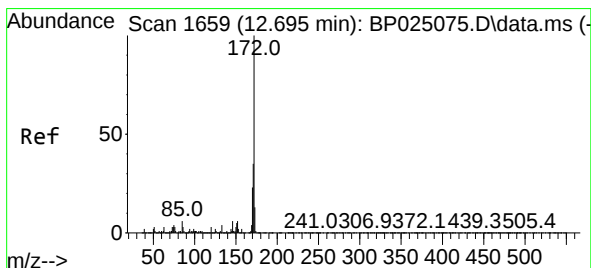
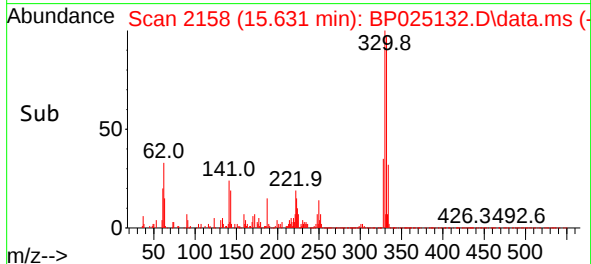
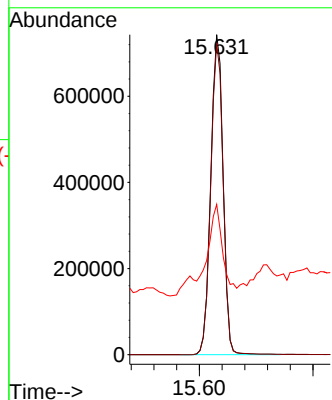
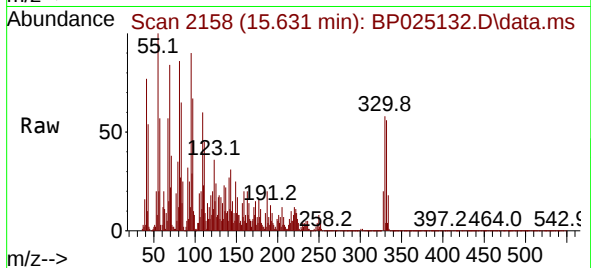
Tgt Ion:330 Resp: 1119194

Ion Ratio Lower Upper

330 100

332 97.4 77.7 116.5

141 27.3 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 59.650 ng

RT: 12.689 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

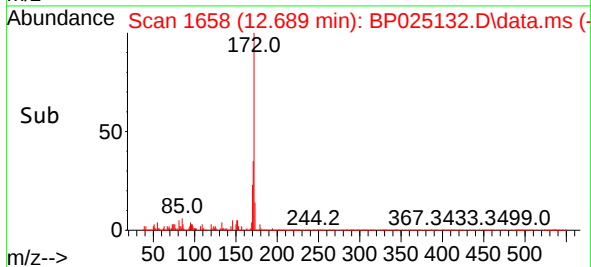
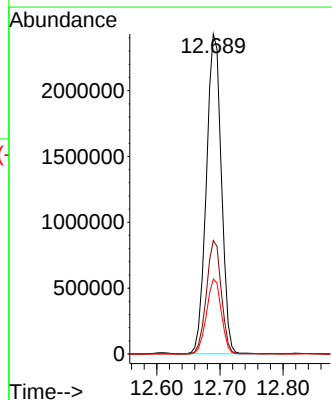
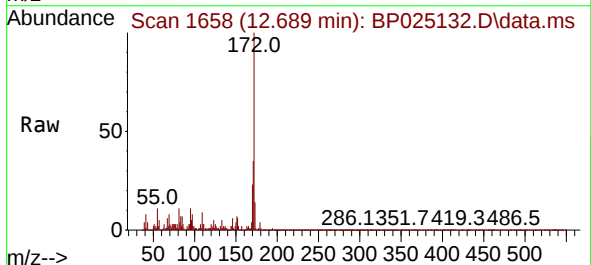
Tgt Ion:172 Resp: 4003869

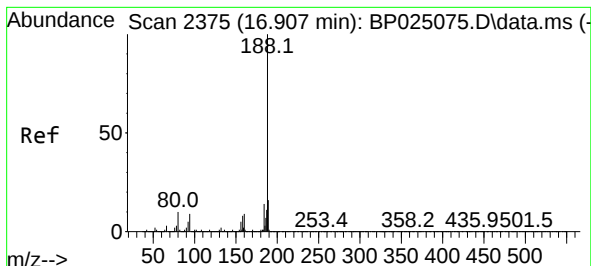
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.925 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

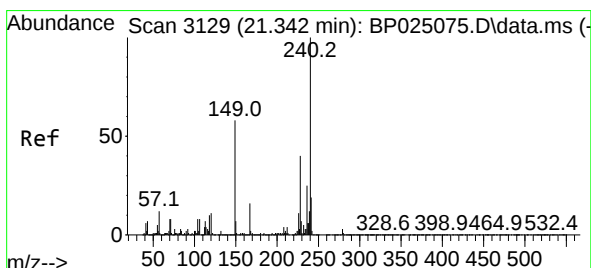
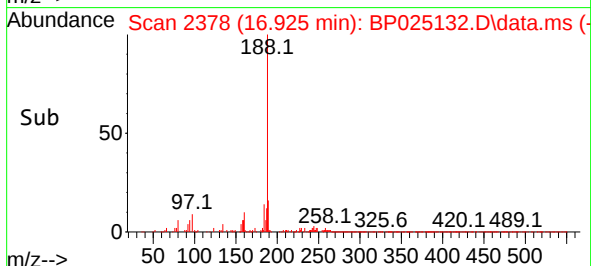
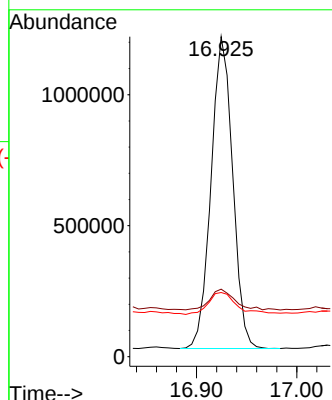
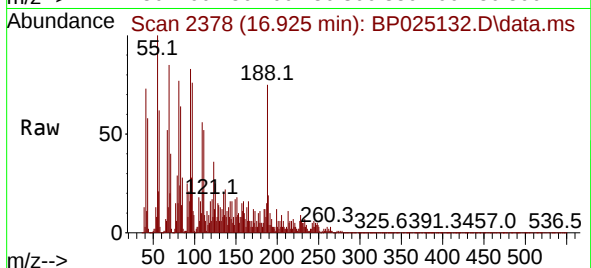
Tgt Ion:188 Resp: 1785383

Ion Ratio Lower Upper

188 100

94 21.1 7.3 10.9#

80 20.0 7.8 11.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

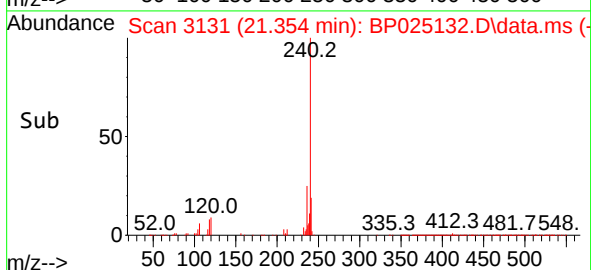
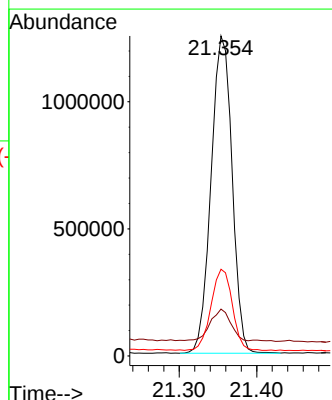
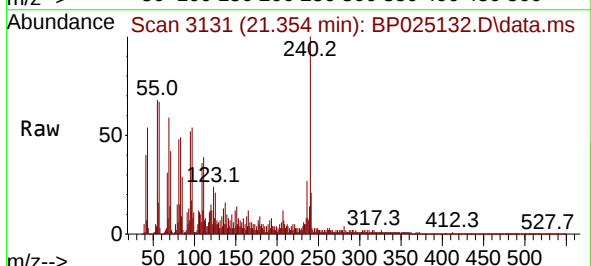
Tgt Ion:240 Resp: 2359788

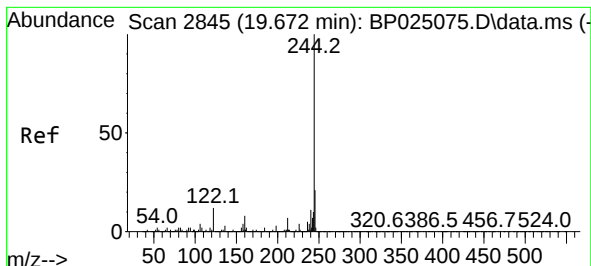
Ion Ratio Lower Upper

240 100

120 14.6 9.0 13.4#

236 27.1 20.3 30.5





#79

Terphenyl-d14

Concen: 46.658 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

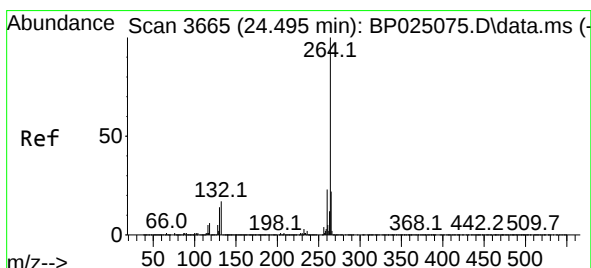
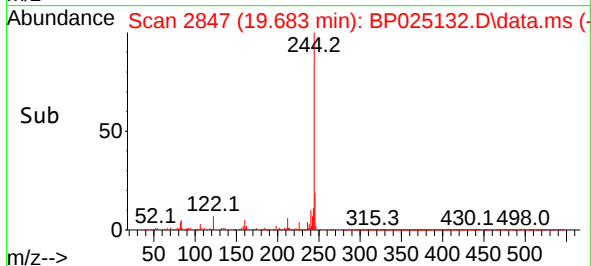
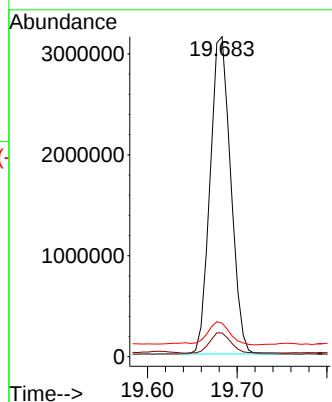
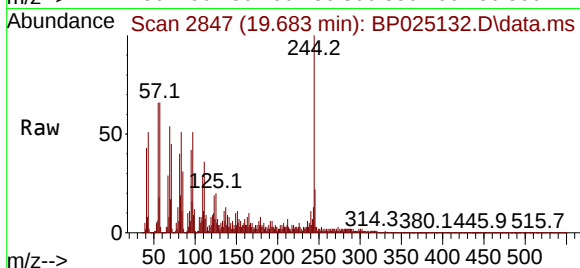
Tgt Ion:244 Resp: 5009704

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 3660

Delta R.T. -0.029 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Tgt Ion:264 Resp: 2841387

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.7 26.5

