

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024797.D
 Acq On : 23 May 2025 17:49
 Operator : RC/JU
 Sample : Q2094-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3

Quant Time: May 23 18:11:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	100051	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	392793	20.000	ng	-0.02
39) Acenaphthene-d10	14.287	164	259486	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	582213	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	724912	20.000	ng	0.00
86) Perylene-d12	24.798	264	819378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	442070	75.572	ng	0.00
7) Phenol-d6	6.852	99	528715	70.818	ng	0.00
23) Nitrobenzene-d5	8.799	82	346826	44.614	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	414486	94.222	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1002246	50.603	ng	-0.01
79) Terphenyl-d14	19.804	244	2259099	53.436	ng	0.00

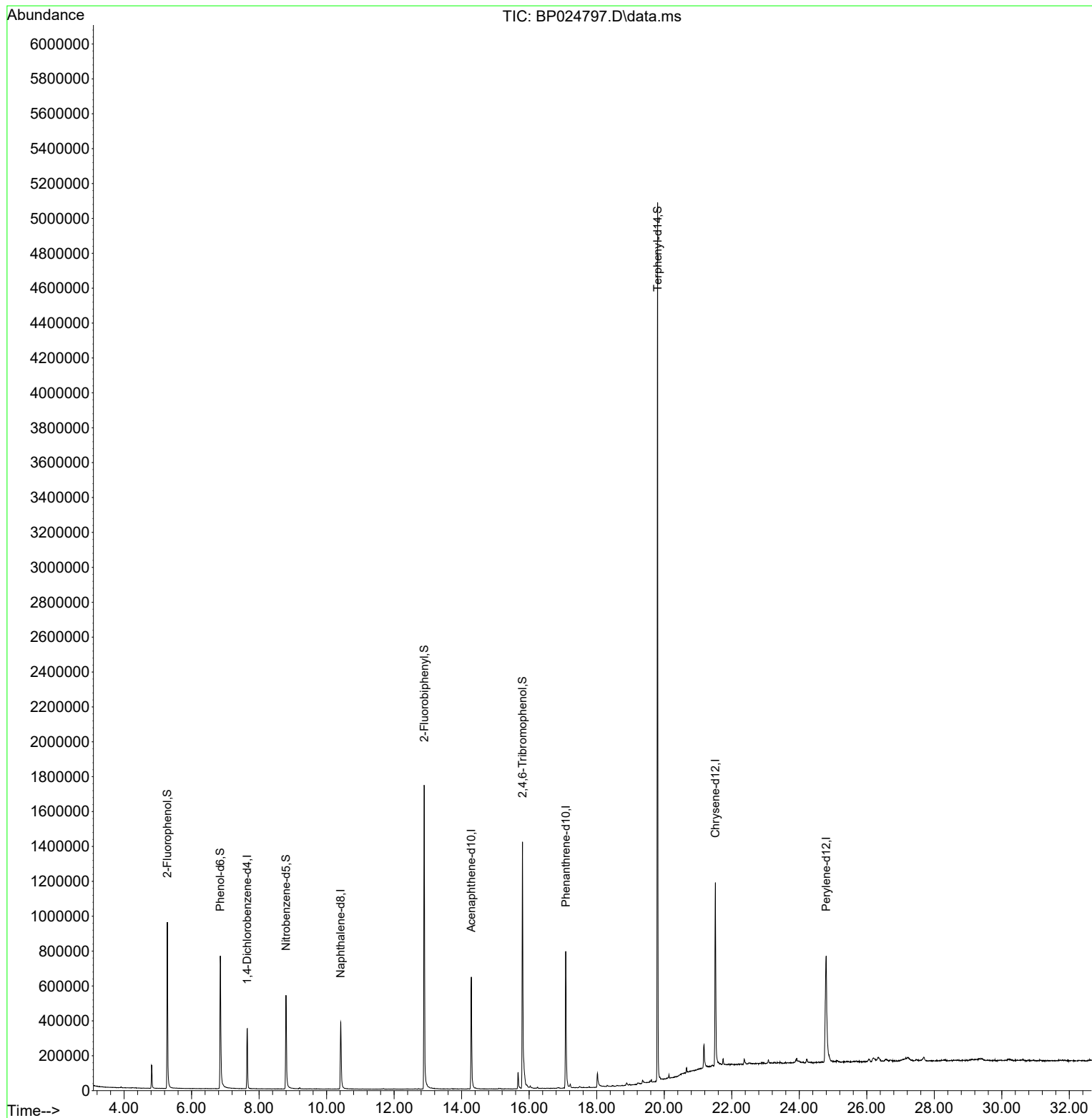
Target Compounds	Qvalue

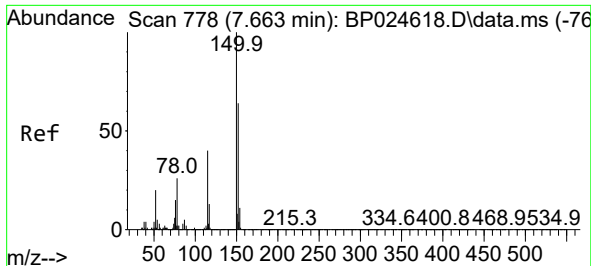
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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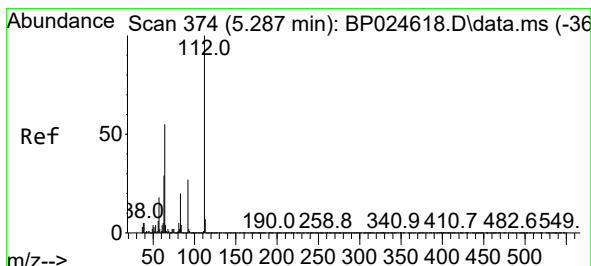
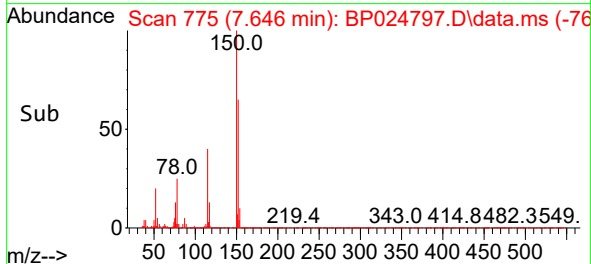
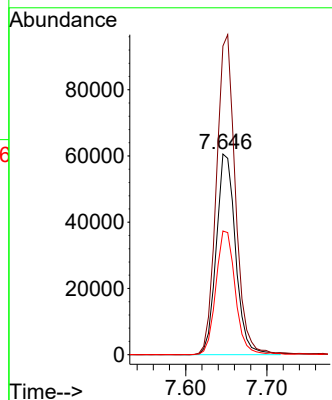
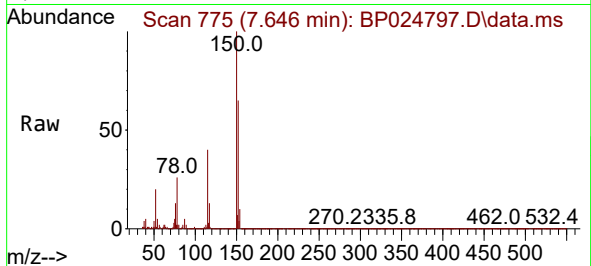




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

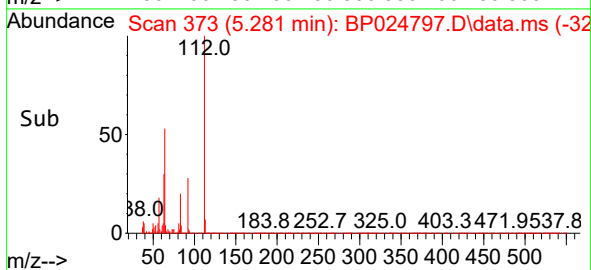
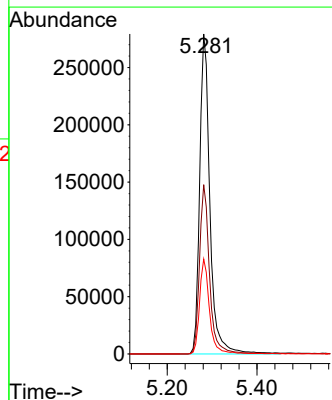
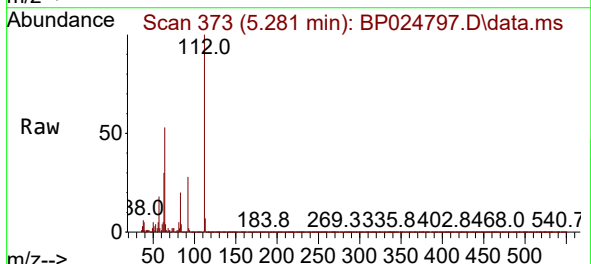
Instrument :
BNA_P
ClientSampleId :
COMP-3

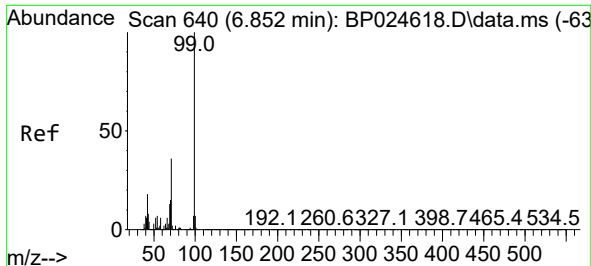
Tgt Ion:152 Resp: 100051
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 75.572 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:112 Resp: 442070
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 29.7 23.5 35.3

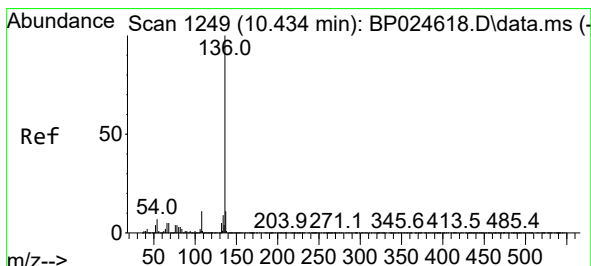
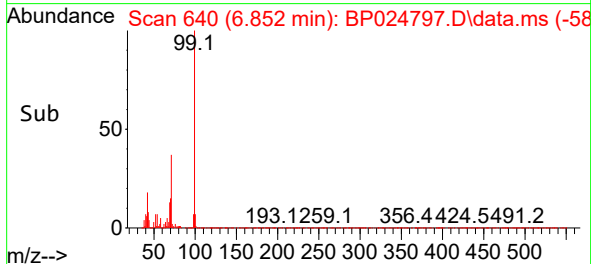
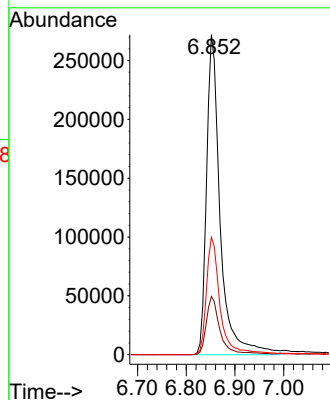
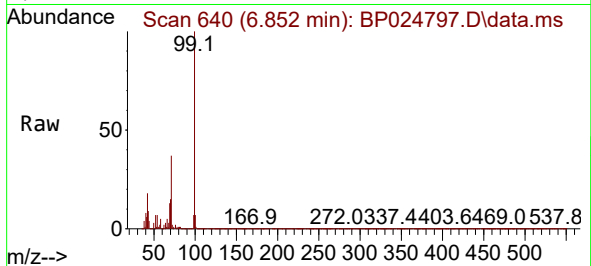




#7
Phenol-d6
Concen: 70.818 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

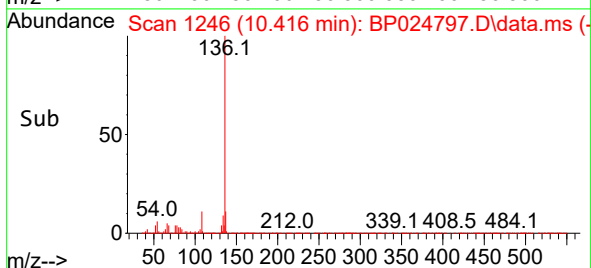
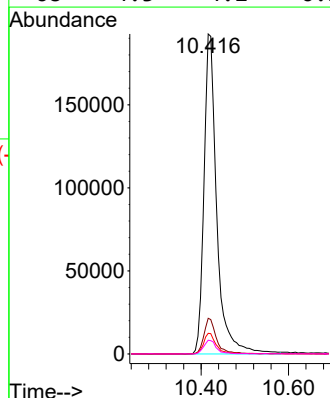
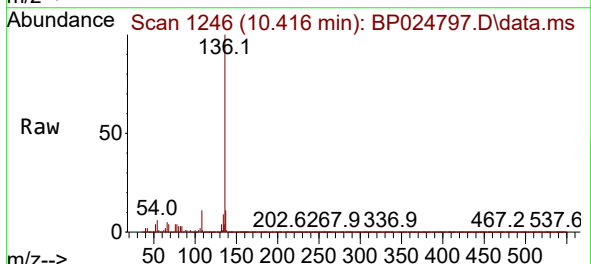
Instrument :
BNA_P
ClientSampleId :
COMP-3

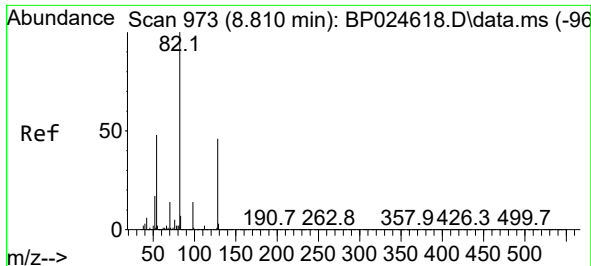
Tgt Ion: 99 Resp: 528715
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 36.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:136 Resp: 392793
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.5 8.3
68 4.3 4.2 6.2

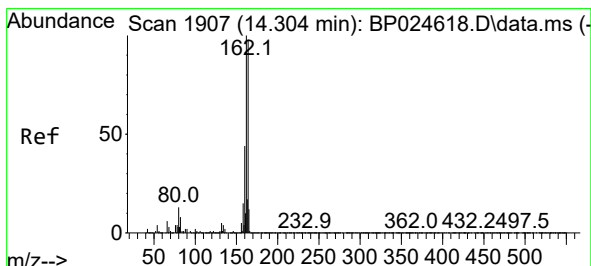
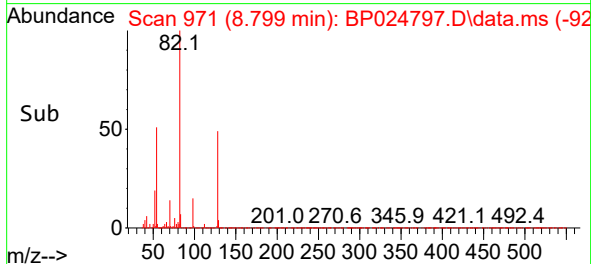
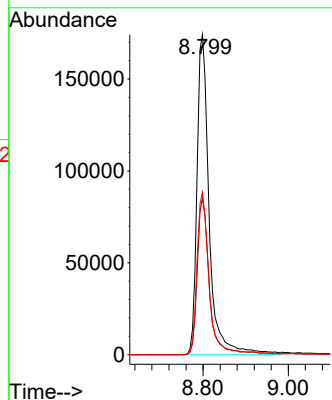
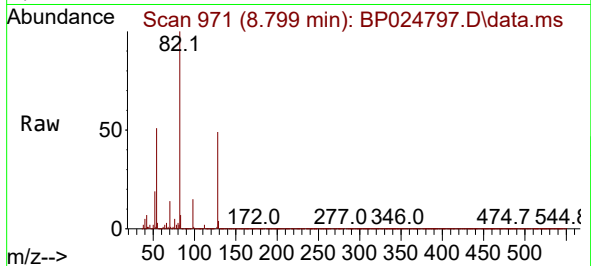




#23
Nitrobenzene-d5
Concen: 44.614 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

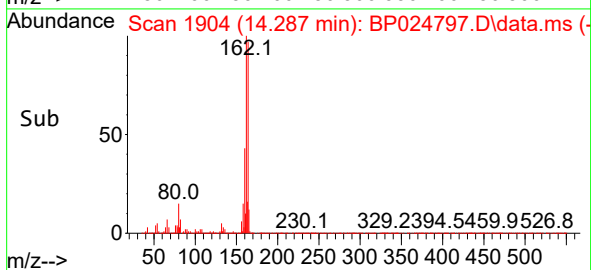
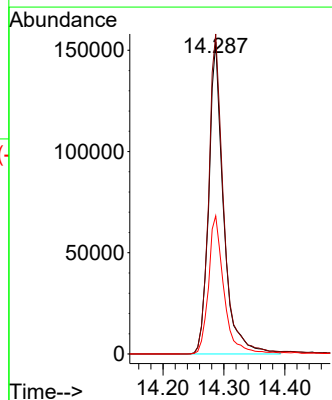
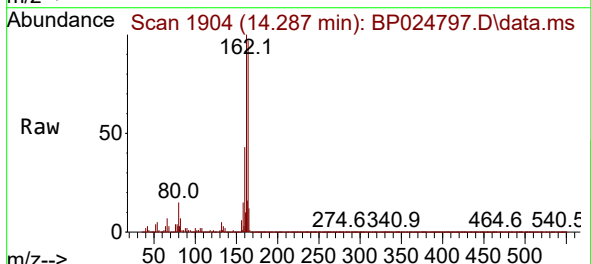
Instrument :
BNA_P
ClientSampleId :
COMP-3

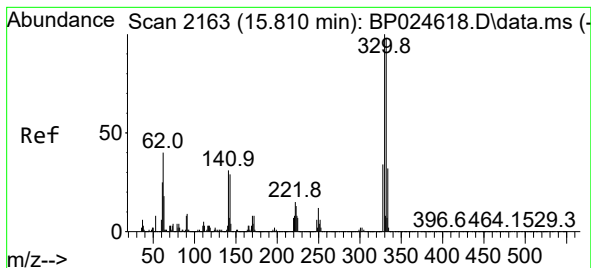
Tgt Ion: 82 Resp: 346826
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 50.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024797.D
Acq: 23 May 2025 17:49

Tgt Ion:164 Resp: 259486
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 44.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 94.222 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

Instrument :

BNA_P

ClientSampleId :

COMP-3

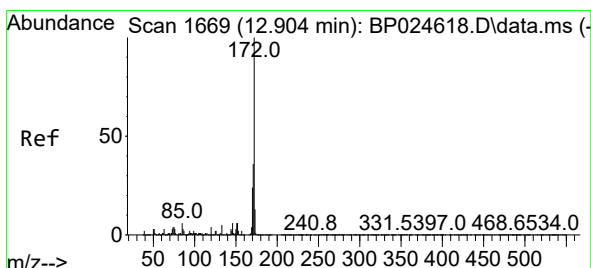
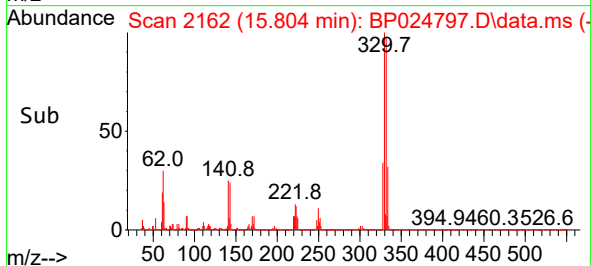
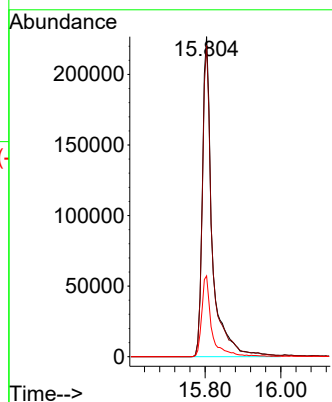
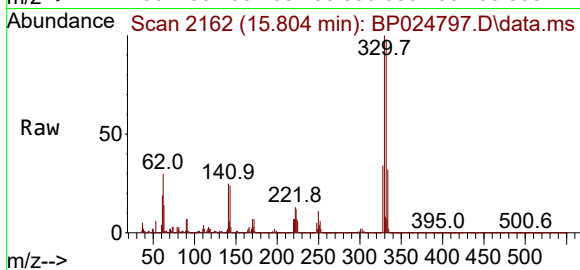
Tgt Ion:330 Resp: 414486

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 25.7 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 50.603 ng

RT: 12.892 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

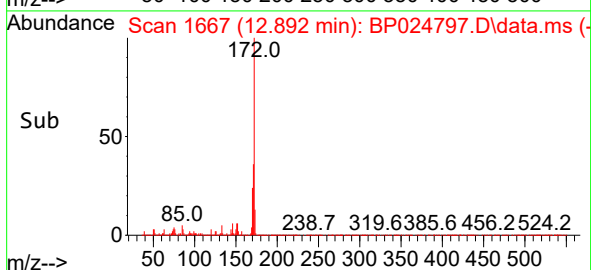
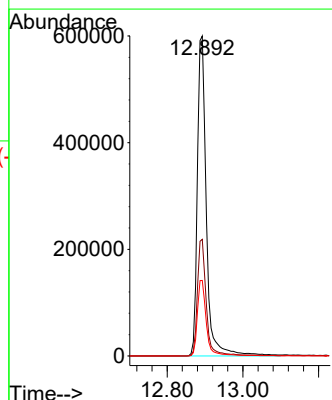
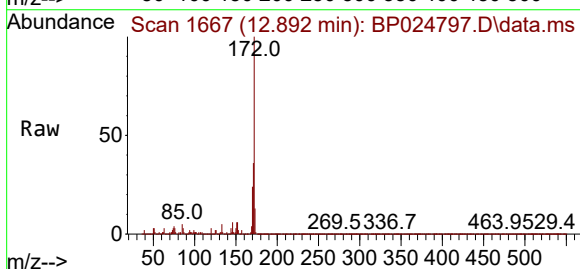
Tgt Ion:172 Resp: 1002246

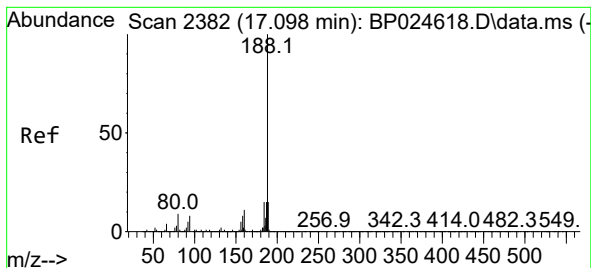
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

Instrument :

BNA_P

ClientSampleId :

COMP-3

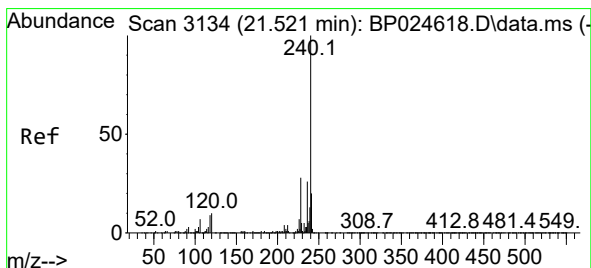
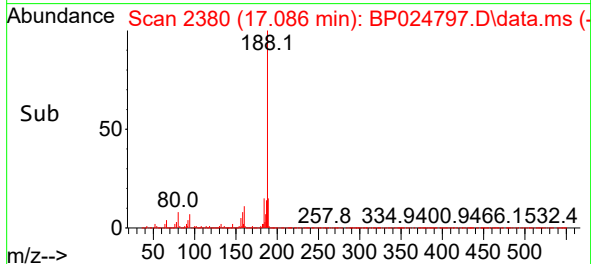
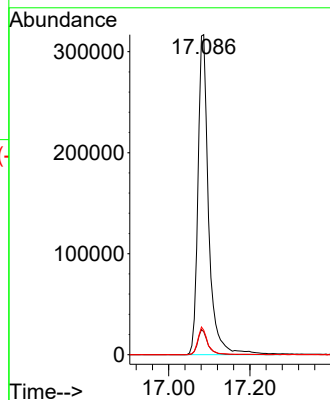
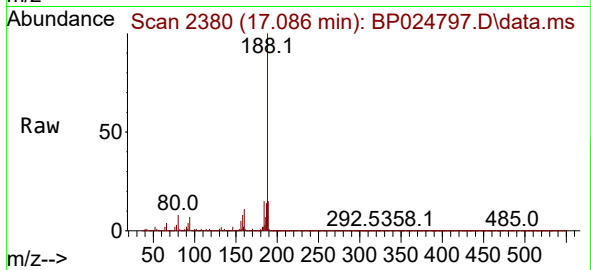
Tgt Ion:188 Resp: 582213

Ion Ratio Lower Upper

188 100

94 7.2 6.5 9.7

80 7.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

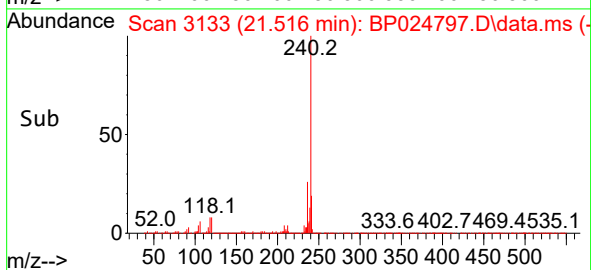
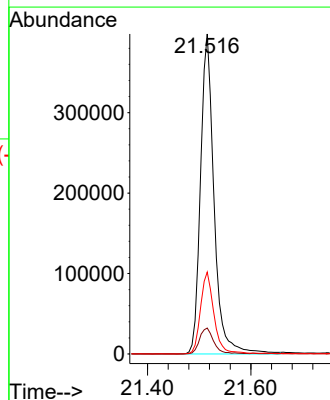
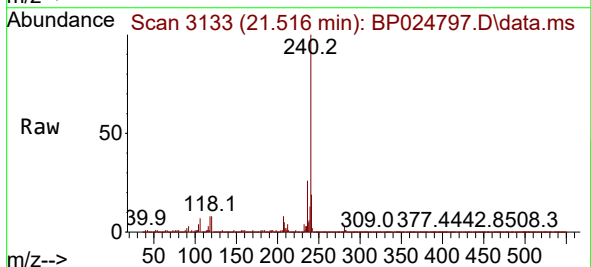
Tgt Ion:240 Resp: 724912

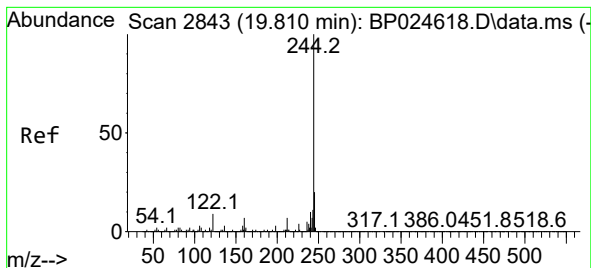
Ion Ratio Lower Upper

240 100

120 8.1 7.8 11.6

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 53.436 ng

RT: 19.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

Instrument :

BNA_P

ClientSampleId :

COMP-3

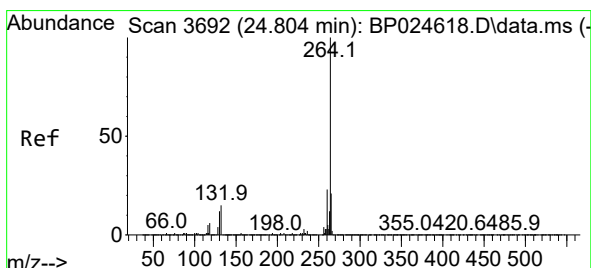
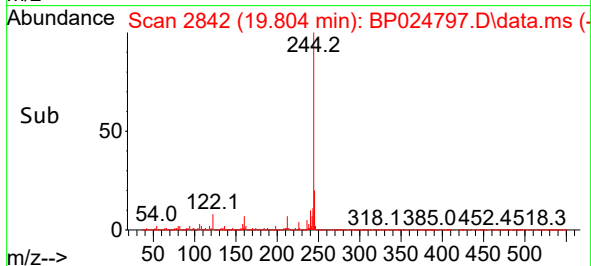
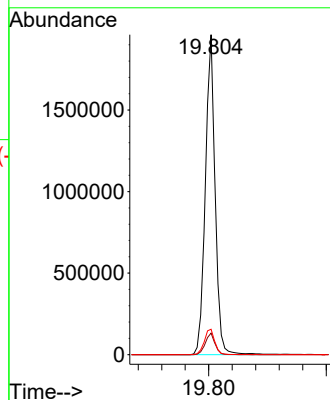
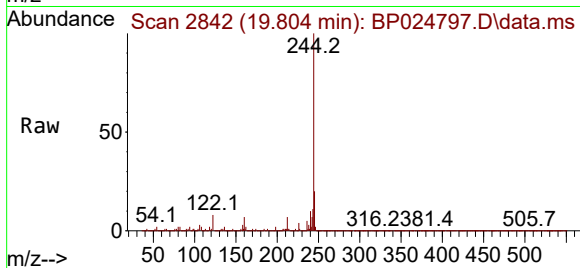
Tgt Ion:244 Resp: 2259099

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.0 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3691

Delta R.T. -0.006 min

Lab File: BP024797.D

Acq: 23 May 2025 17:49

Tgt Ion:264 Resp: 819378

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.3 17.0 25.6

