

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024799.D
 Acq On : 23 May 2025 19:11
 Operator : RC/JU
 Sample : Q2094-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Quant Time: May 24 00:03:42 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	7.652	152	96073	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	382863	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	270117	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	554539	20.000	ng	0.00
76) Chrysene-d12	21.527	240	608294	20.000	ng	0.00
86) Perylene-d12	24.833	264	735620	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	459608	81.823	ng	0.00
7) Phenol-d6	6.852	99	582305	81.226	ng	0.00
23) Nitrobenzene-d5	8.804	82	370843	48.940	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	439445	95.964	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1076239	52.200	ng	-0.01
79) Terphenyl-d14	19.822	244	2030749	57.244	ng	0.01

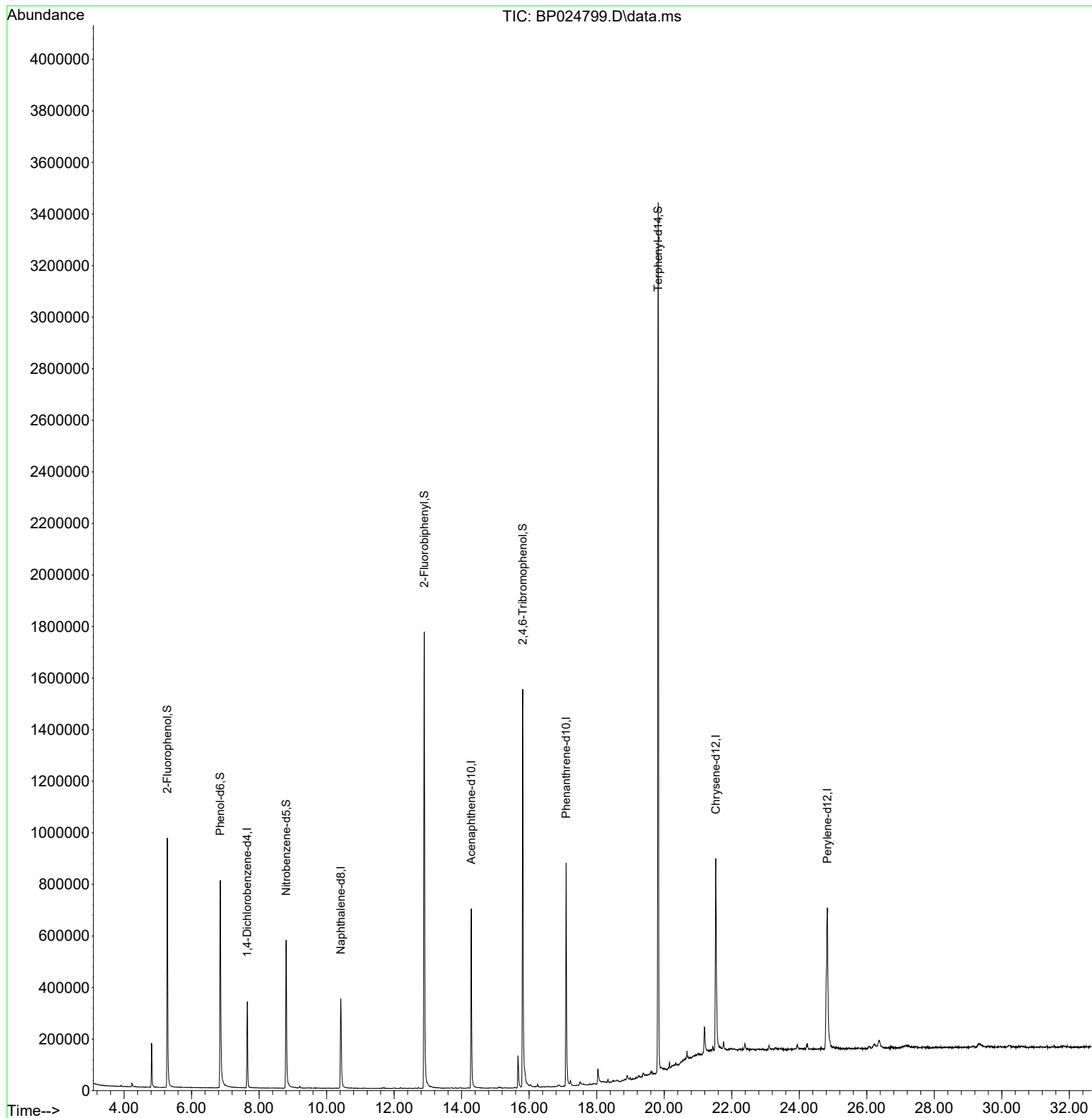
Target Compounds	Qvalue

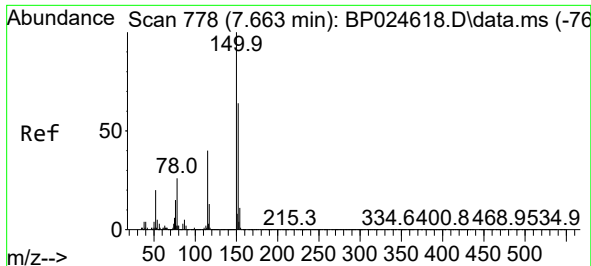
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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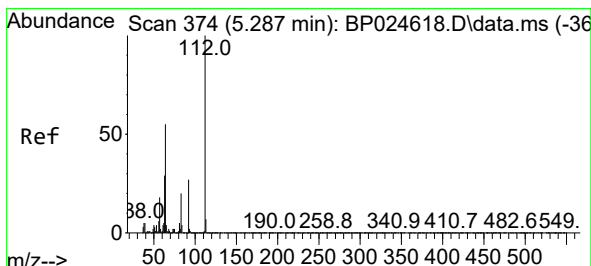
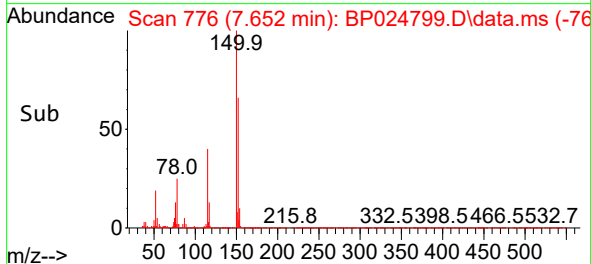
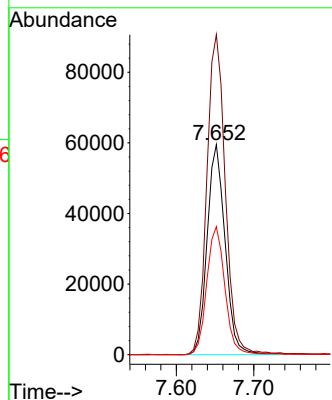
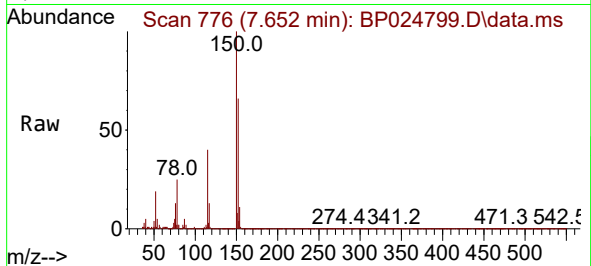




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

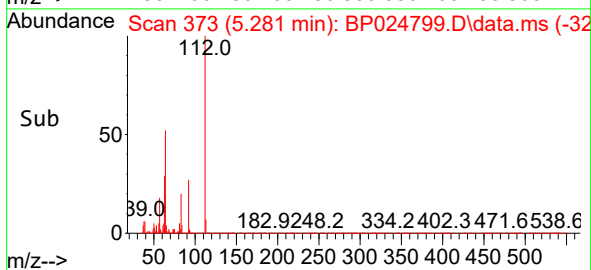
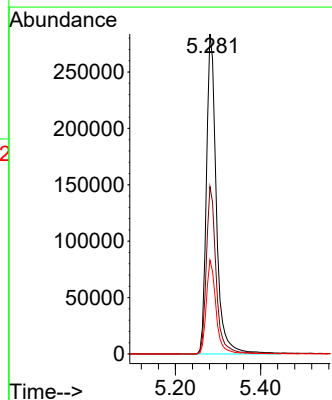
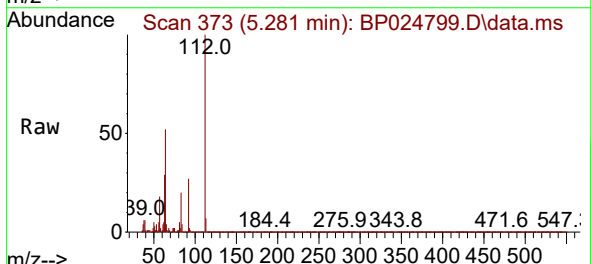
Instrument :
BNA_P
ClientSampleId :
COMP-5

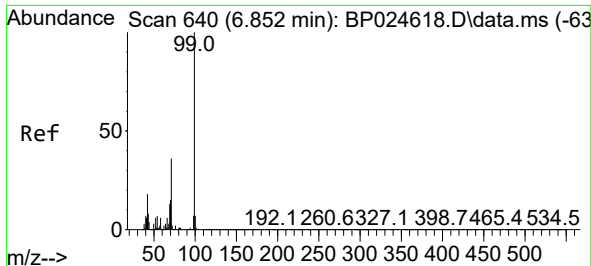
Tgt Ion:152 Resp: 96073
Ion Ratio Lower Upper
152 100
150 152.4 125.9 188.9
115 61.0 50.1 75.1



#5
2-Fluorophenol
Concen: 81.823 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:112 Resp: 459608
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 29.3 23.5 35.3

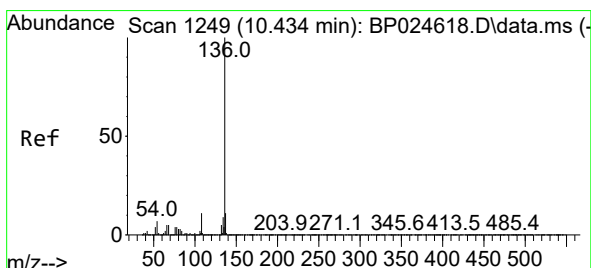
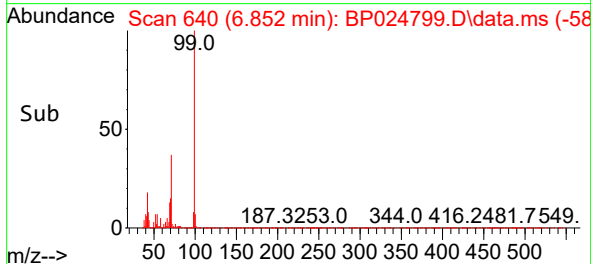
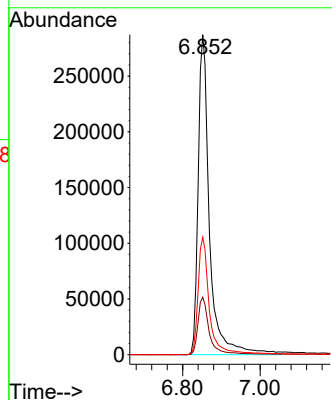
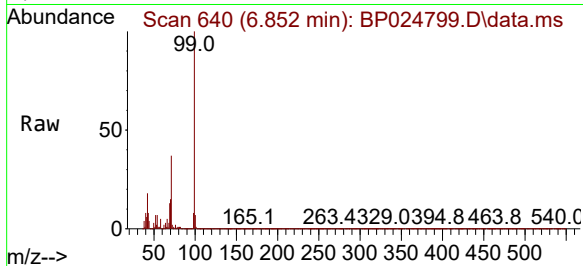




#7
Phenol-d6
Concen: 81.226 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

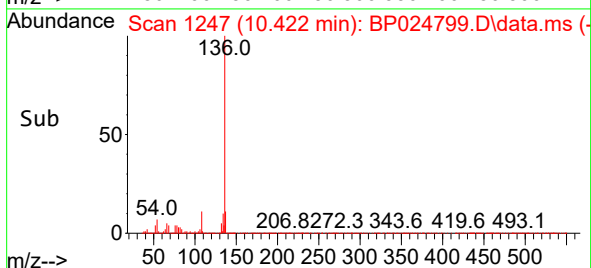
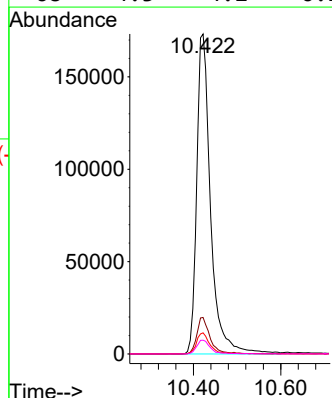
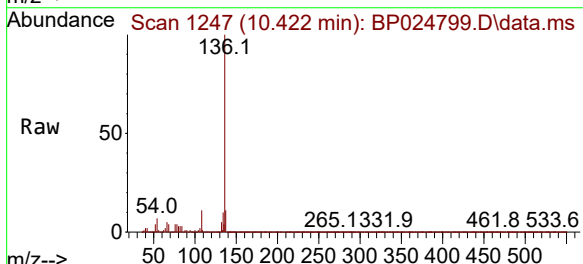
Instrument :
BNA_P
ClientSampleId :
COMP-5

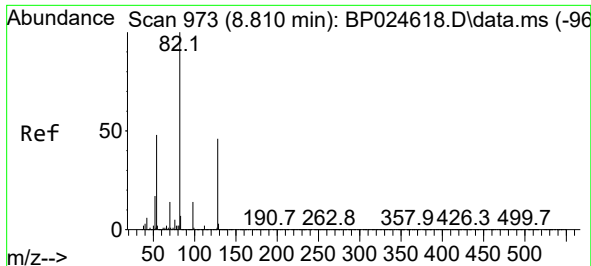
Tgt Ion: 99 Resp: 582305
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:136 Resp: 382863
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.6 5.5 8.3
68 4.3 4.2 6.2

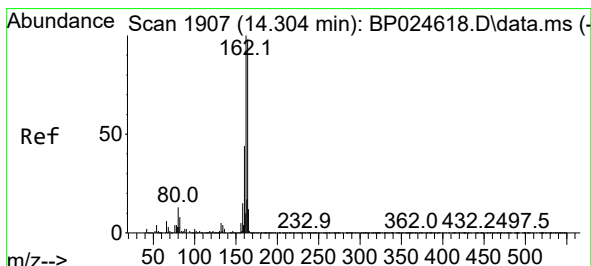
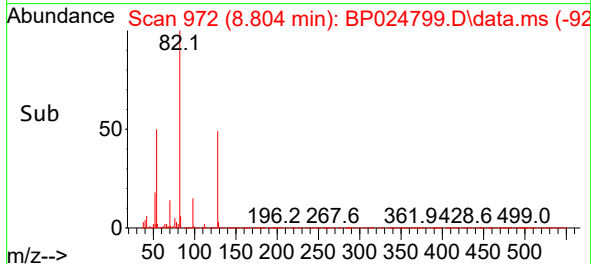
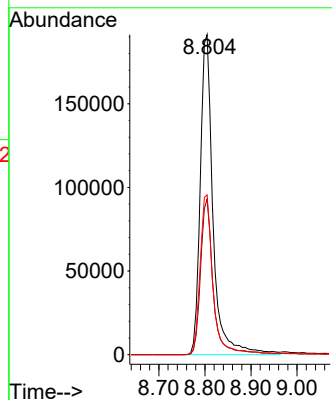
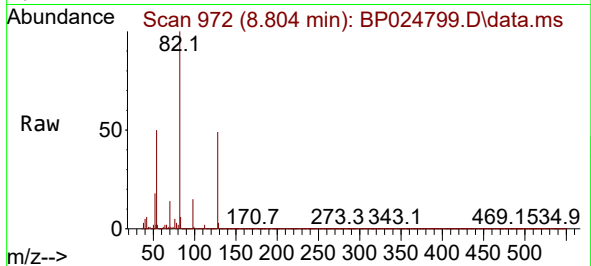




#23
Nitrobenzene-d5
Concen: 48.940 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

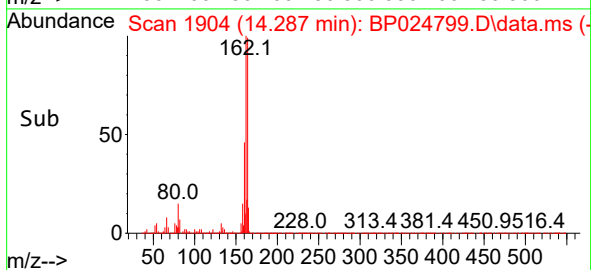
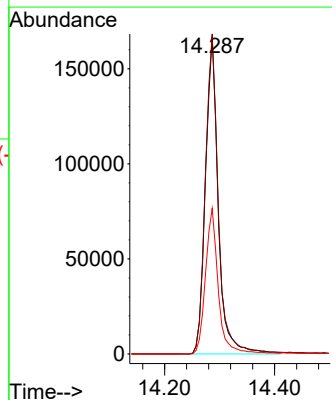
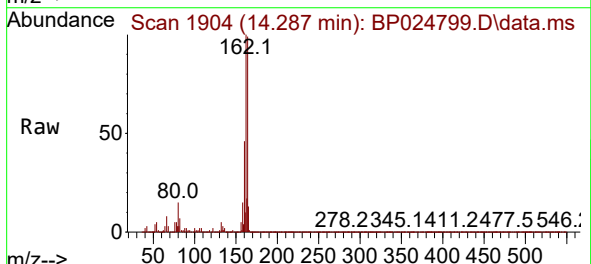
Instrument :
BNA_P
ClientSampleId :
COMP-5

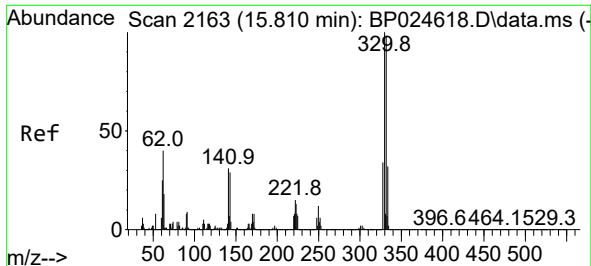
Tgt Ion: 82 Resp: 370843
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 50.0 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:164 Resp: 270117
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 46.0 36.3 54.5

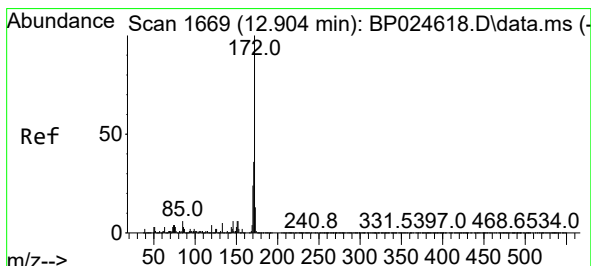
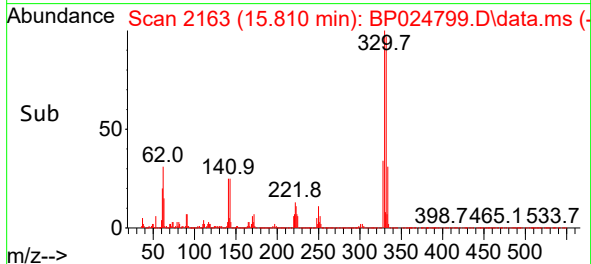
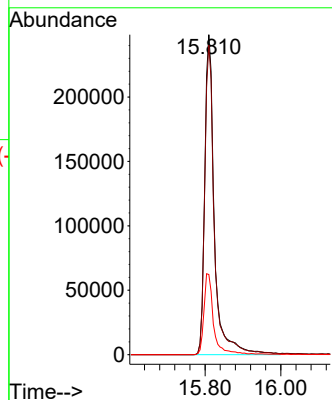
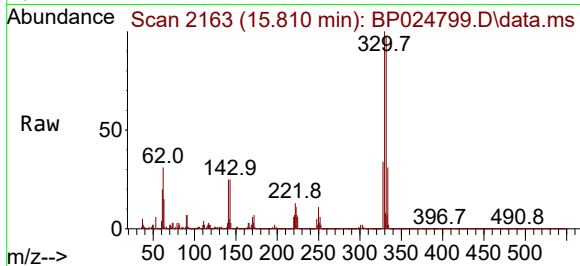




#42
2,4,6-Tribromophenol
Concen: 95.964 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

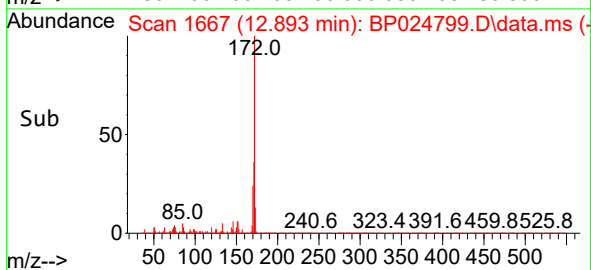
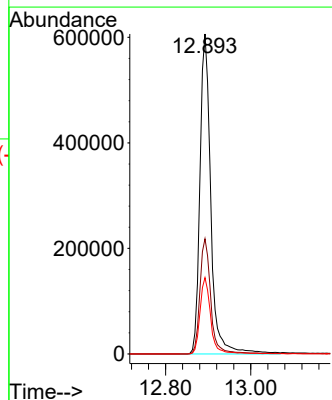
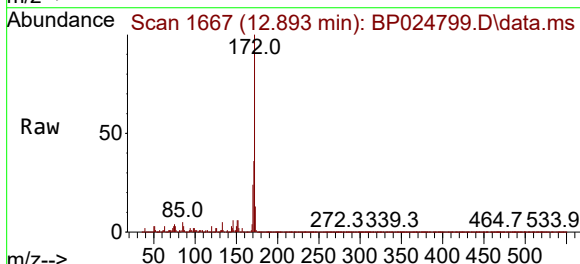
Instrument :
BNA_P
ClientSampleId :
COMP-5

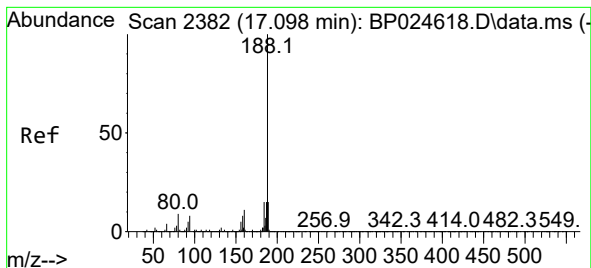
Tgt Ion:330 Resp: 439445
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 25.0 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 52.200 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024799.D
Acq: 23 May 2025 19:11

Tgt Ion:172 Resp: 1076239
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024799.D

Acq: 23 May 2025 19:11

Instrument :

BNA_P

ClientSampleId :

COMP-5

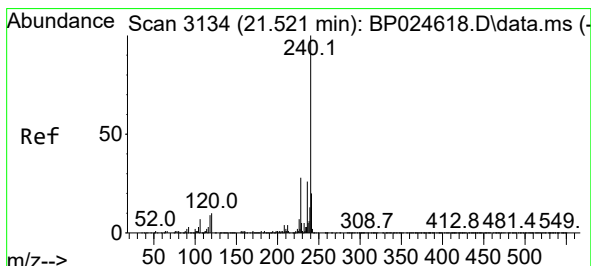
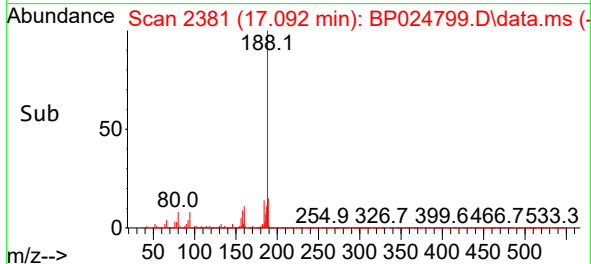
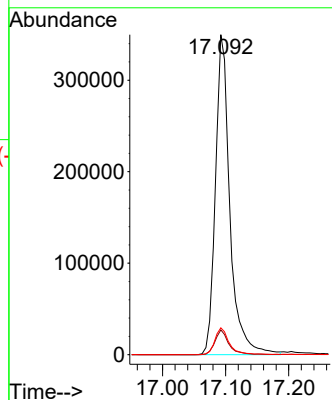
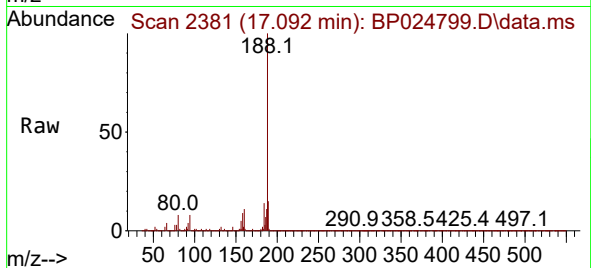
Tgt Ion:188 Resp: 554539

Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP024799.D

Acq: 23 May 2025 19:11

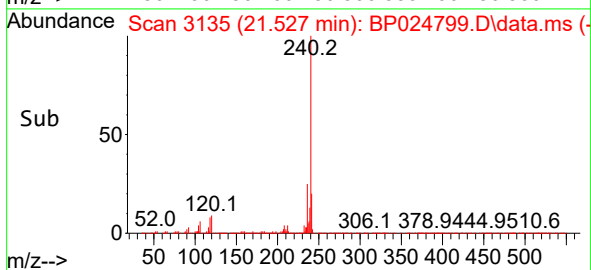
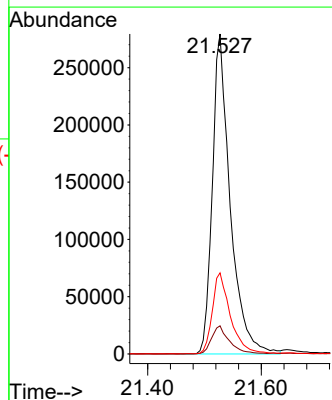
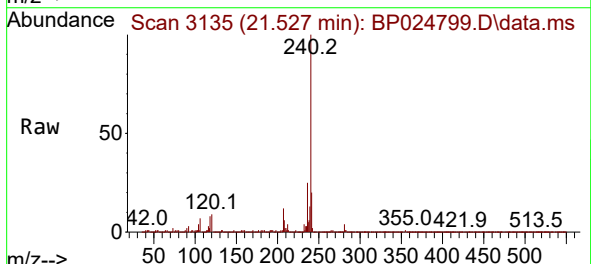
Tgt Ion:240 Resp: 608294

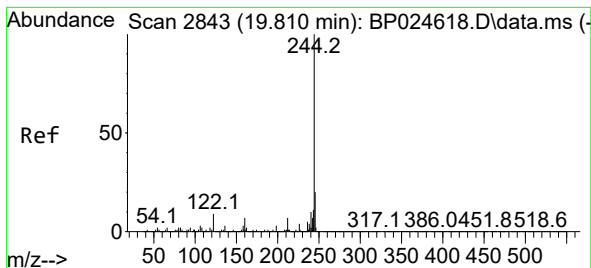
Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 57.244 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024799.D

Acq: 23 May 2025 19:11

Instrument :

BNA_P

ClientSampleId :

COMP-5

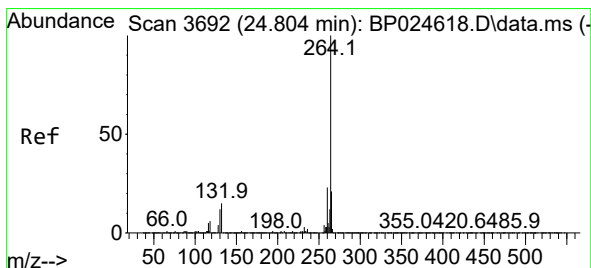
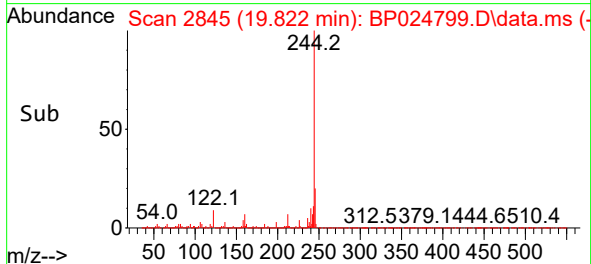
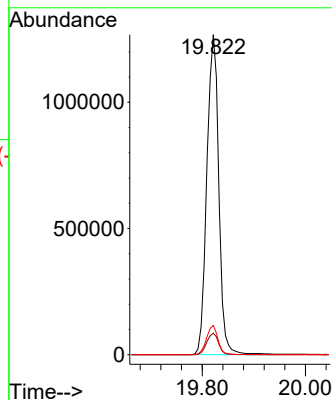
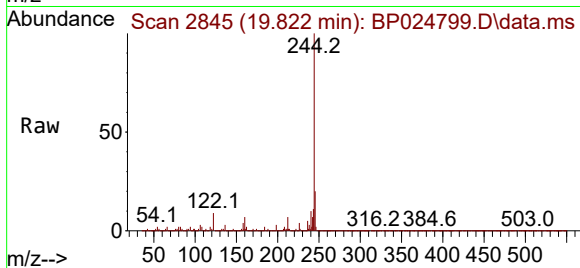
Tgt Ion:244 Resp: 2030749

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.2 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 3697

Delta R.T. 0.029 min

Lab File: BP024799.D

Acq: 23 May 2025 19:11

Tgt Ion:264 Resp: 735620

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 17.0 25.6

