

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024745.D
 Acq On : 21 May 2025 20:16
 Operator : RC/JU
 Sample : Q2071-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L2-WC-5

Quant Time: May 22 03:04:15 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	97015	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	366818	20.000	ng	-0.01
39) Acenaphthene-d10	14.293	164	221294	20.000	ng	-0.01
64) Phenanthrene-d10	17.081	188	460266	20.000	ng	-0.02
76) Chrysene-d12	21.522	240	565252	20.000	ng	0.00
86) Perylene-d12	24.804	264	654971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	709471	125.079	ng	0.00
7) Phenol-d6	6.858	99	738255	101.980	ng	0.00
23) Nitrobenzene-d5	8.799	82	575509	79.272	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	575297	153.348	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1347825	79.795	ng	0.00
79) Terphenyl-d14	19.810	244	2757027	83.635	ng	0.00

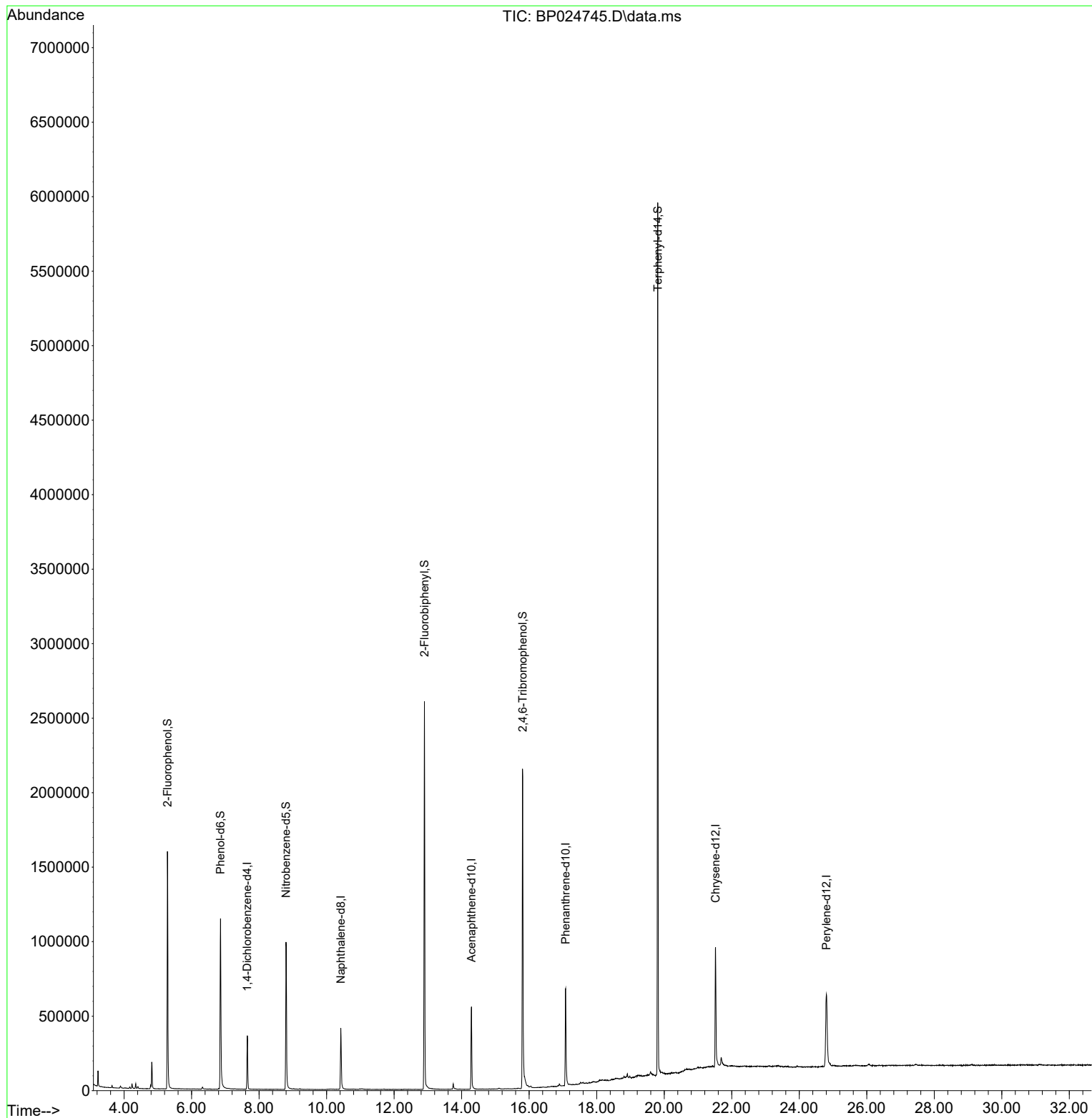
Target Compounds	Qvalue

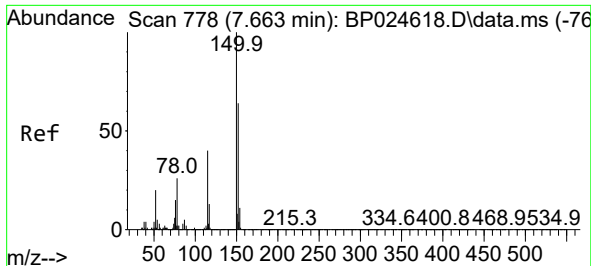
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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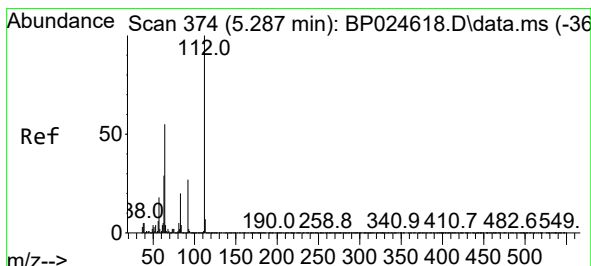
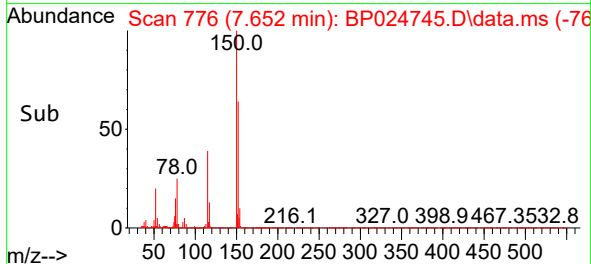
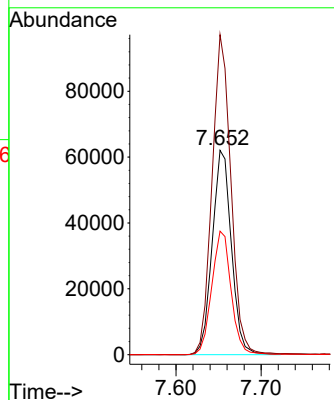
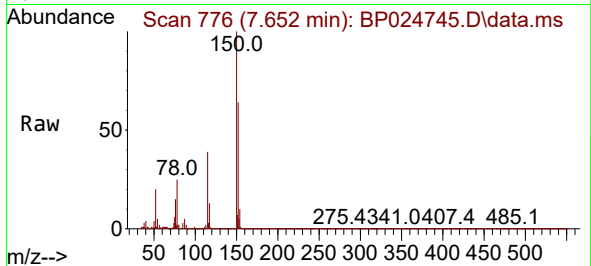




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

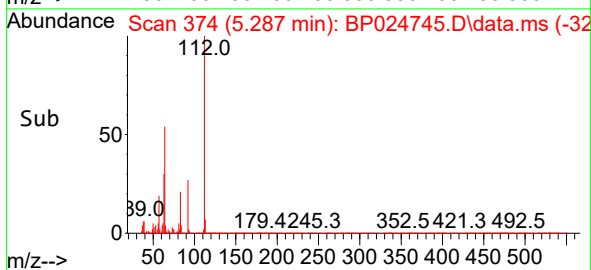
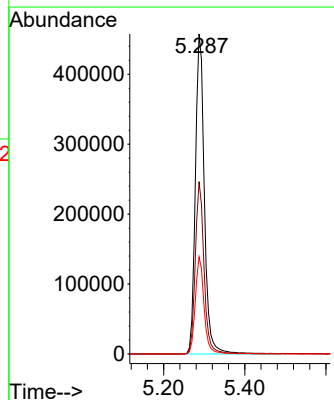
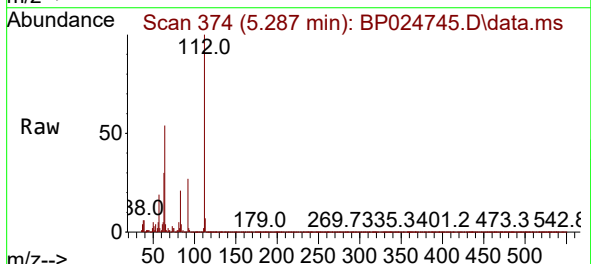
Instrument :
BNA_P
ClientSampleId :
L2-WC-5

Tgt Ion:152 Resp: 97015
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 60.5 50.1 75.1



#5
2-Fluorophenol
Concen: 125.079 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

Tgt Ion:112 Resp: 709471
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 30.4 23.5 35.3

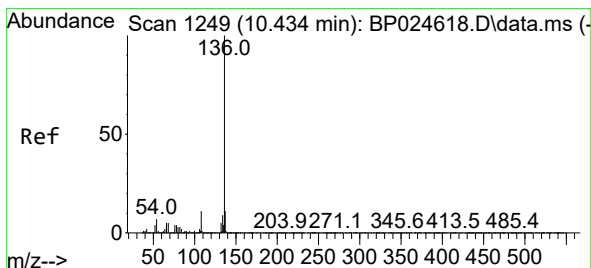
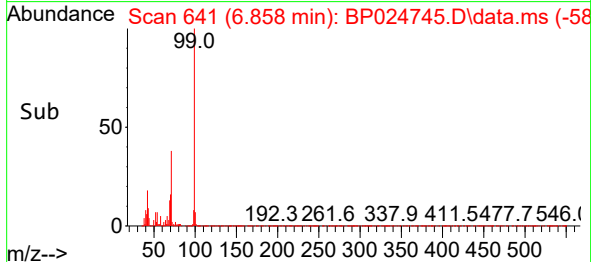
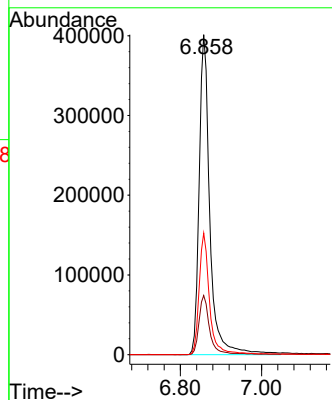
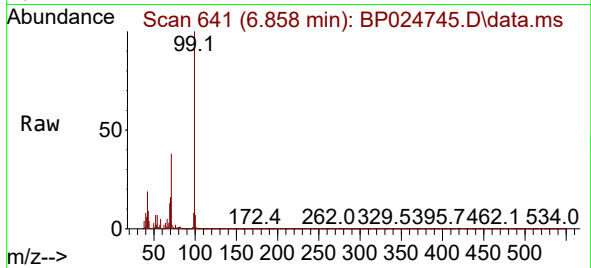




#7
Phenol-d6
Concen: 101.980 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

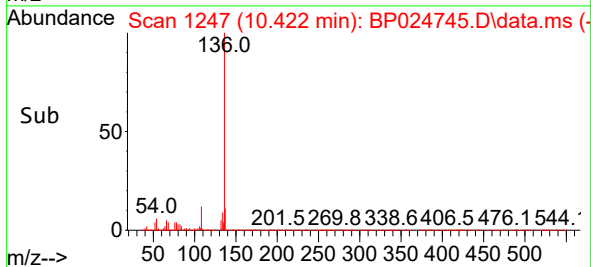
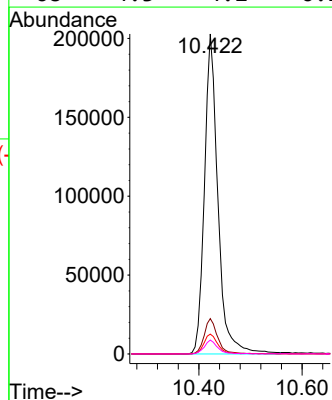
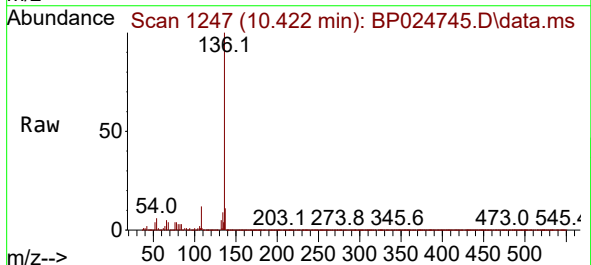
Instrument :
BNA_P
ClientSampleId :
L2-WC-5

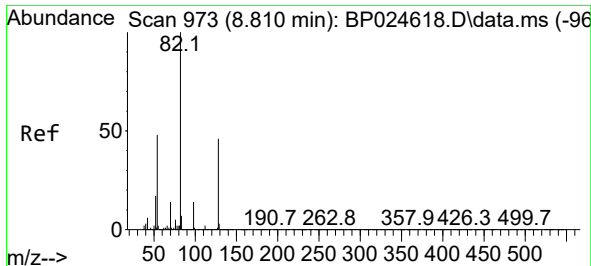
Tgt Ion: 99 Resp: 738255
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 38.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

Tgt Ion:136 Resp: 366818
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.5 8.3
68 4.3 4.2 6.2

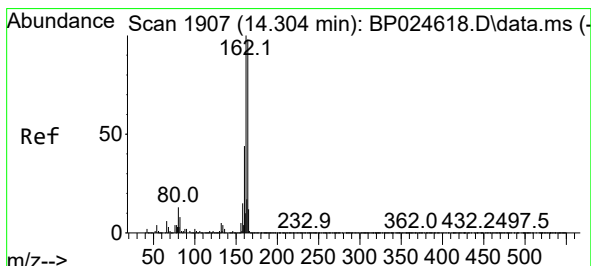
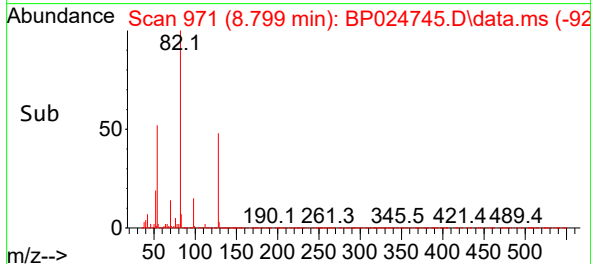
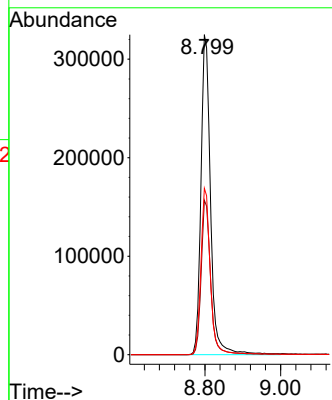
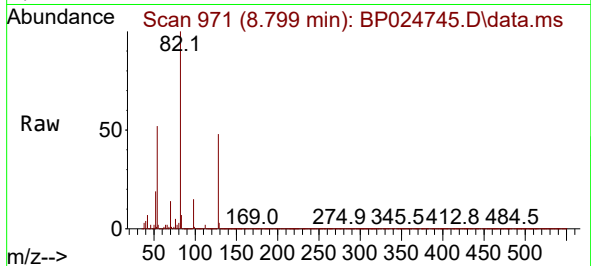




#23
Nitrobenzene-d5
Concen: 79.272 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

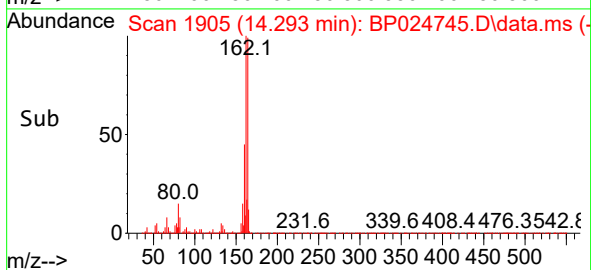
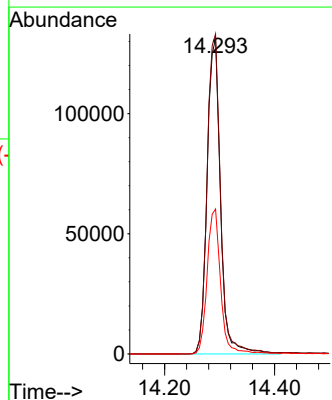
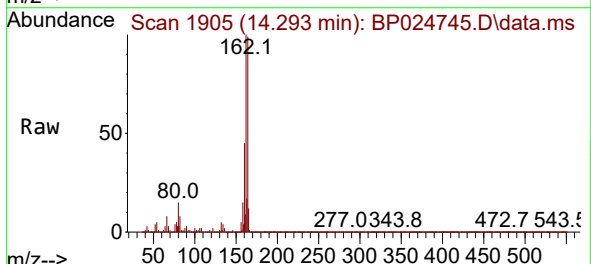
Instrument :
BNA_P
ClientSampleId :
L2-WC-5

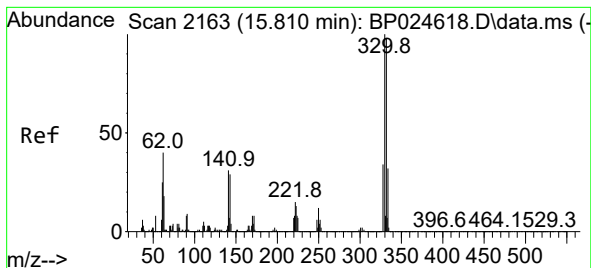
Tgt Ion: 82 Resp: 575509
Ion Ratio Lower Upper
82 100
128 48.2 37.0 55.4
54 52.0 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

Tgt Ion:164 Resp: 221294
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 45.9 36.3 54.5

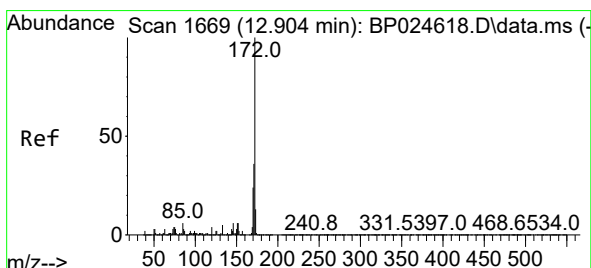
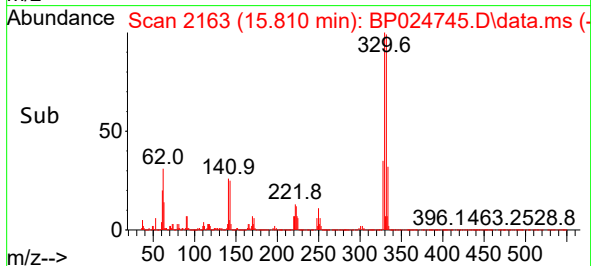
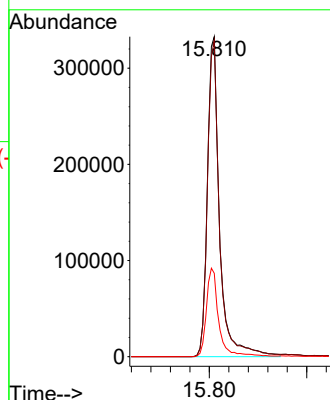
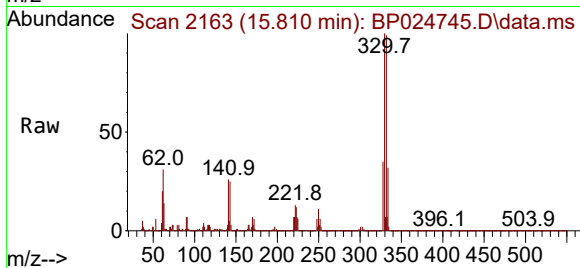




#42
2,4,6-Tribromophenol
Concen: 153.348 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

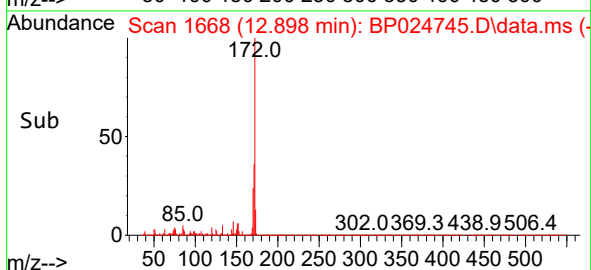
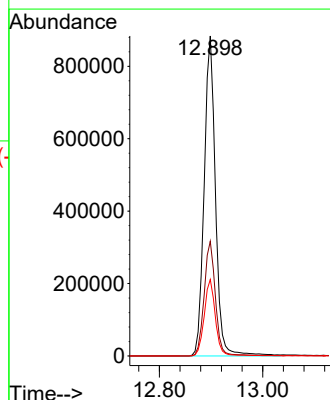
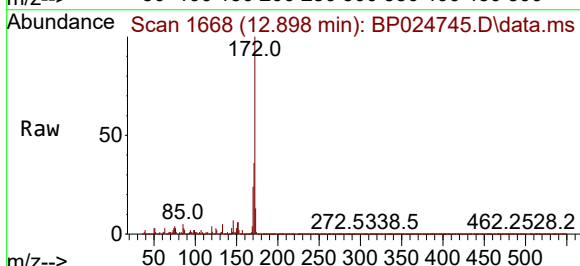
Instrument :
BNA_P
ClientSampleId :
L2-WC-5

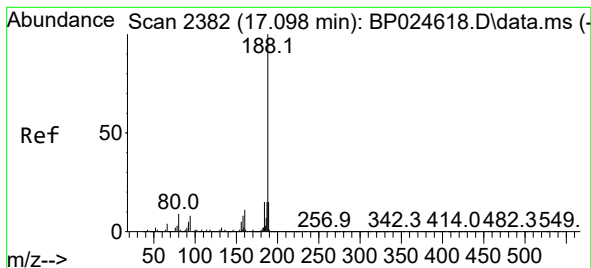
Tgt Ion:330 Resp: 575297
Ion Ratio Lower Upper
330 100
332 99.1 78.2 117.4
141 28.0 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 79.795 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024745.D
Acq: 21 May 2025 20:16

Tgt Ion:172 Resp: 1347825
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024745.D

Acq: 21 May 2025 20:16

Instrument :

BNA_P

ClientSampleId :

L2-WC-5

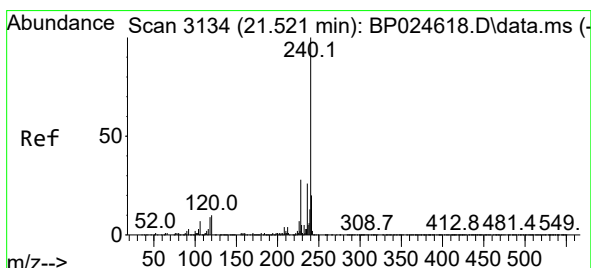
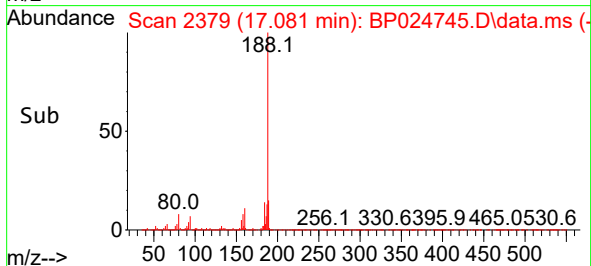
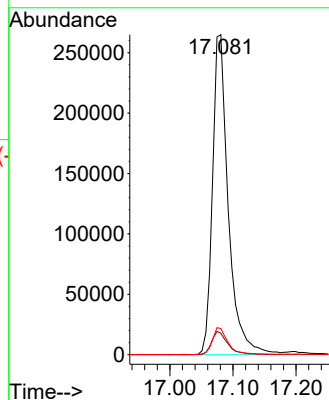
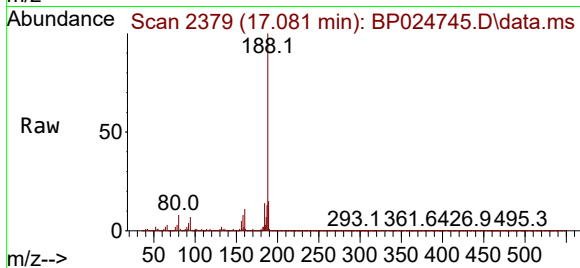
Tgt Ion:188 Resp: 460266

Ion Ratio Lower Upper

188 100

94 6.7 6.5 9.7

80 8.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024745.D

Acq: 21 May 2025 20:16

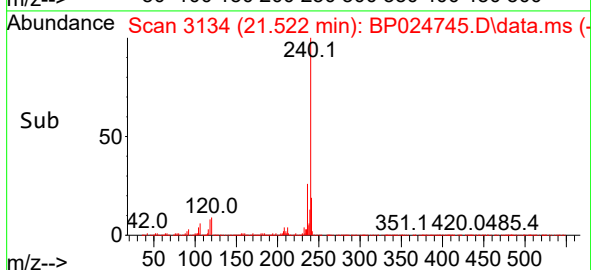
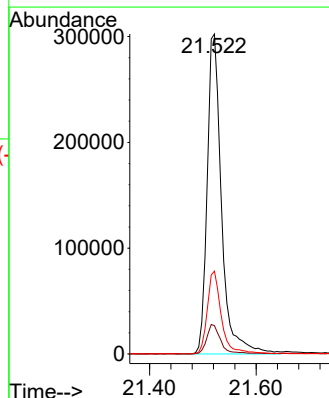
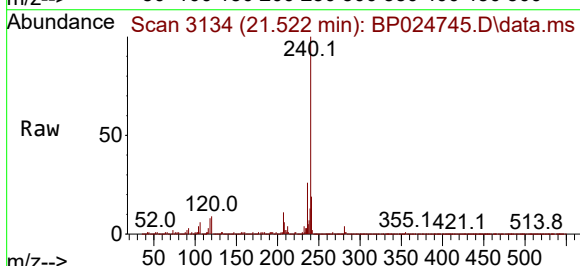
Tgt Ion:240 Resp: 565252

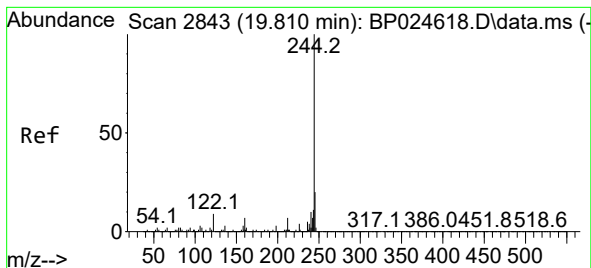
Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 83.635 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024745.D

Acq: 21 May 2025 20:16

Instrument :

BNA_P

ClientSampleId :

L2-WC-5

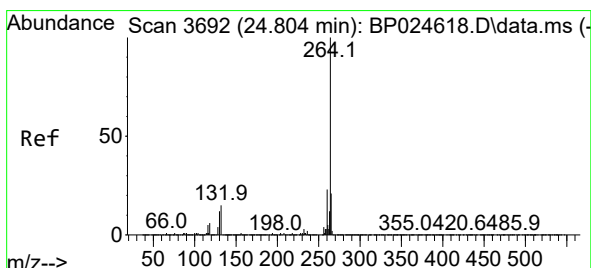
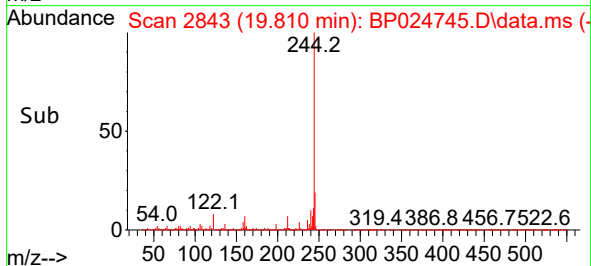
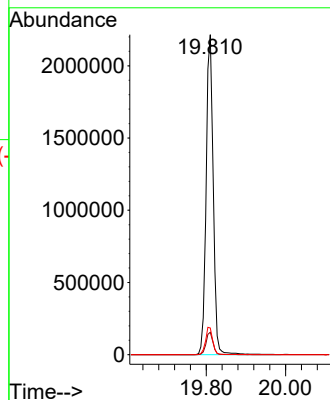
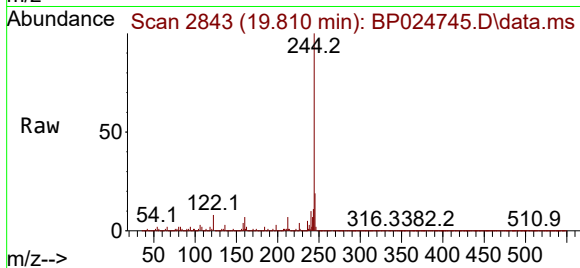
Tgt Ion:244 Resp: 2757027

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024745.D

Acq: 21 May 2025 20:16

Tgt Ion:264 Resp: 654971

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.9 17.0 25.6

