

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024729.D
 Acq On : 21 May 2025 06:53
 Operator : RC/JU
 Sample : Q2062-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-3

Quant Time: May 21 07:21:08 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)

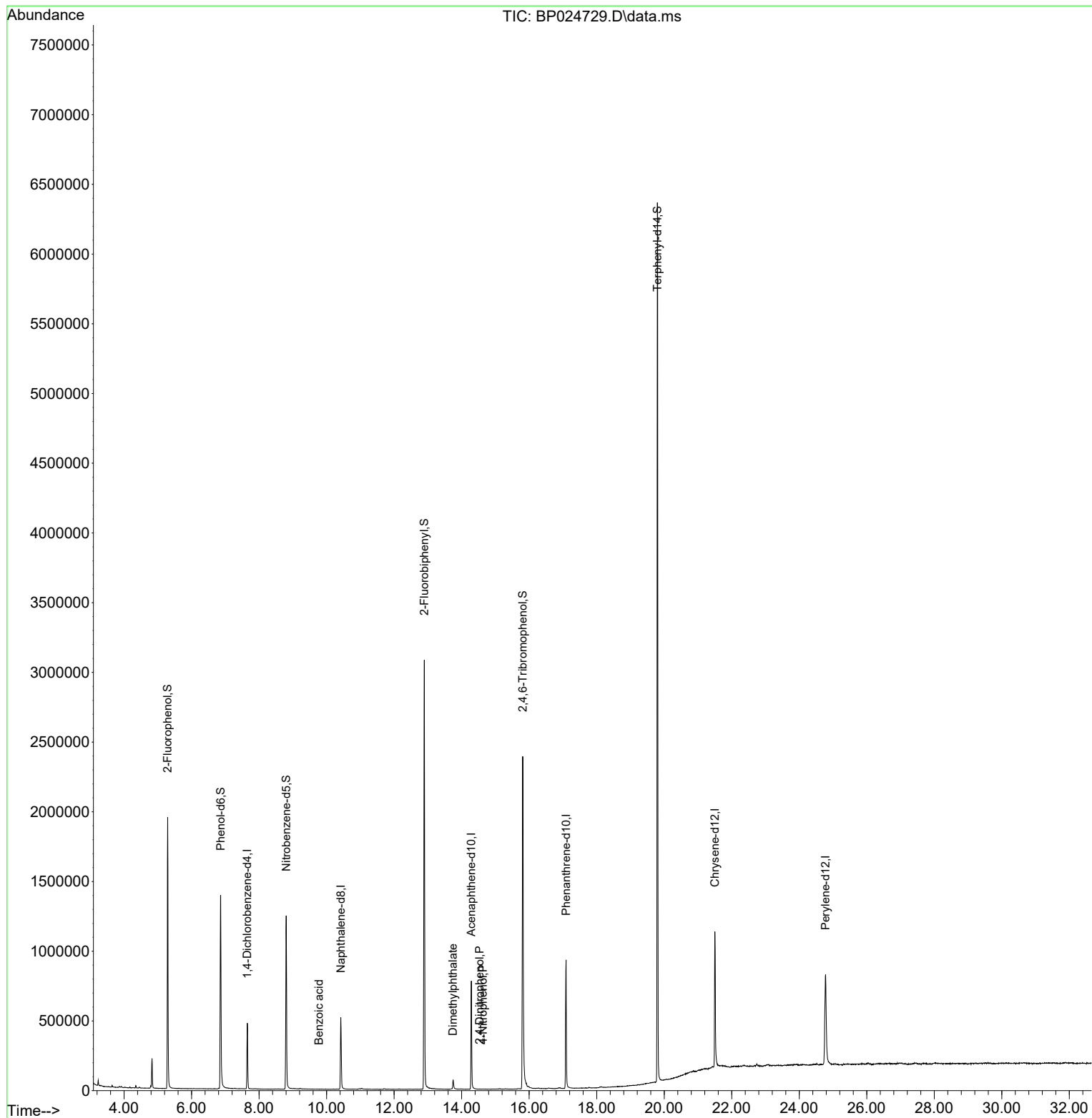
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	126519	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	464032	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	282501	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	593991	20.000	ng	0.00
76) Chrysene-d12	21.498	240	693362	20.000	ng	-0.02
86) Perylene-d12	24.780	264	809448	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	841923	113.817	ng	0.00
7) Phenol-d6	6.863	99	903042	95.653	ng	0.01
23) Nitrobenzene-d5	8.805	82	705103	76.776	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	764284	159.585	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1698085	78.750	ng	-0.01
79) Terphenyl-d14	19.798	244	3412739	84.398	ng	-0.01
Target Compounds						
32) Benzoic acid	9.775	122	24	7.473	ng	Qvalue # 1
50) Dimethylphthalate	13.745	163	61997	2.879	ng	99
54) 2,4-Dinitrophenol	14.534	184	11	6.405	ng	93
56) 4-Nitrophenol	14.628	139	17	4.238	ng	96

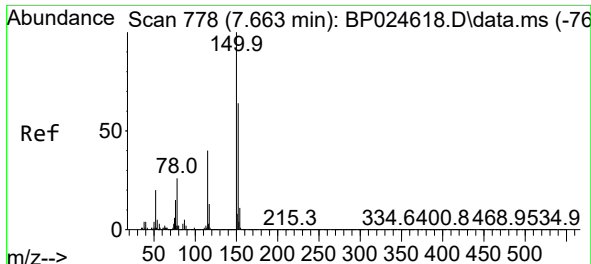
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024729.D
Acq On : 21 May 2025 06:53
Operator : RC/JU
Sample : Q2062-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
L1-WC-3

Quant Time: May 21 07:21:08 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

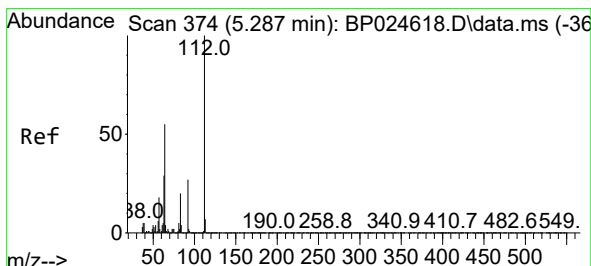
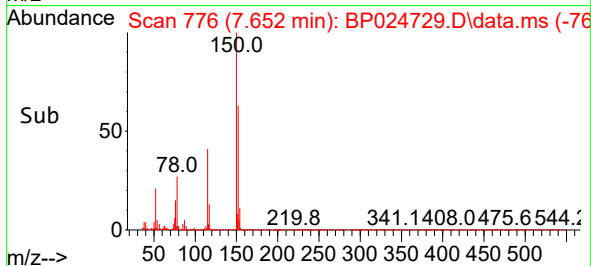
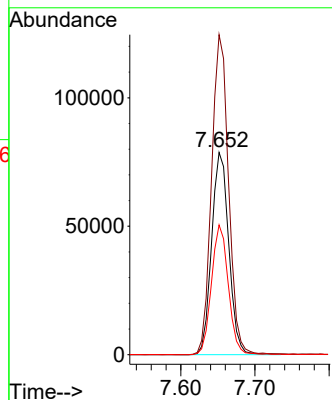
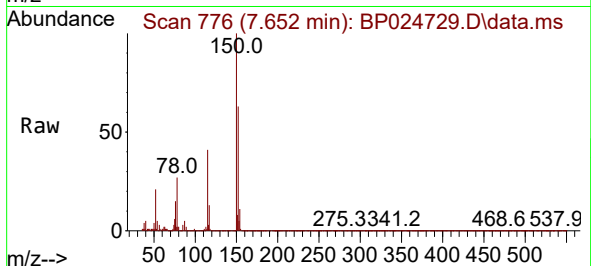




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

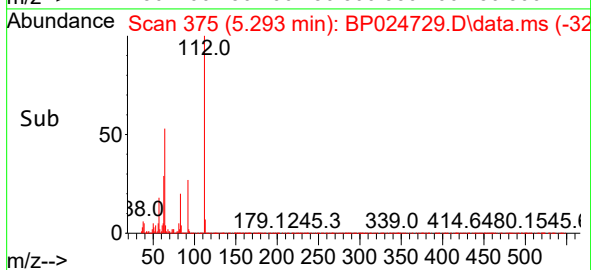
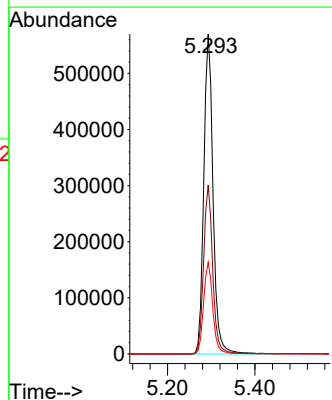
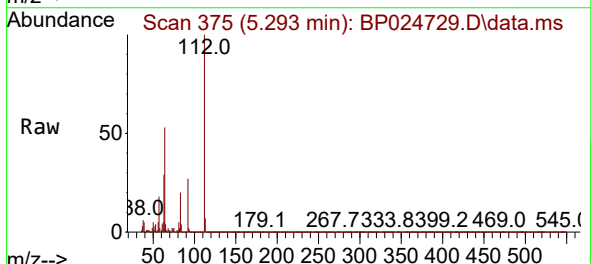
Instrument :
BNA_P
ClientSampleId :
L1-WC-3

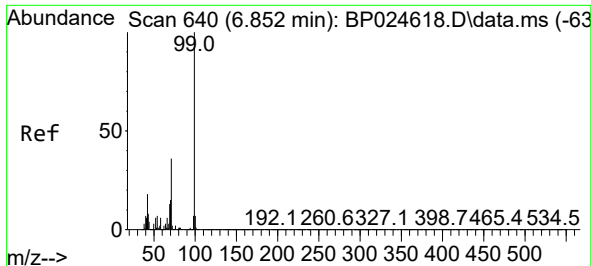
Tgt Ion:152 Resp: 126519
Ion Ratio Lower Upper
152 100
150 158.2 125.9 188.9
115 64.2 50.1 75.1



#5
2-Fluorophenol
Concen: 113.817 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

Tgt Ion:112 Resp: 841923
Ion Ratio Lower Upper
112 100
64 52.8 44.1 66.1
63 28.6 23.5 35.3

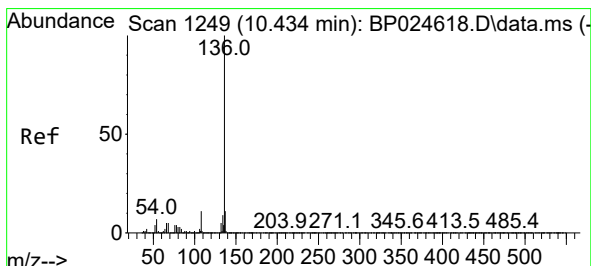
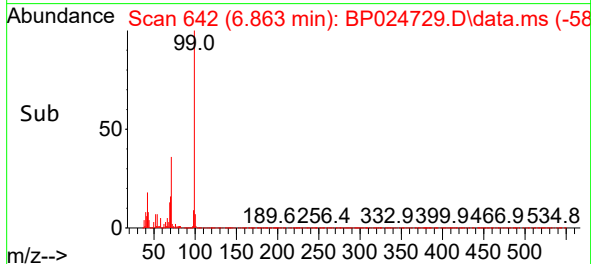
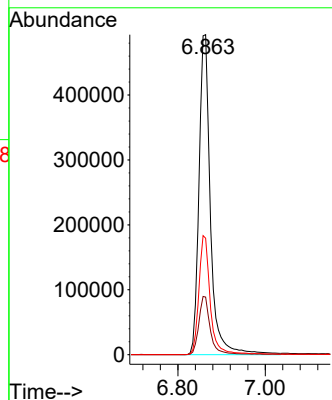
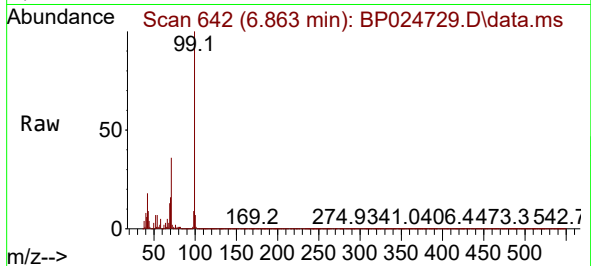




#7
Phenol-d6
Concen: 95.653 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

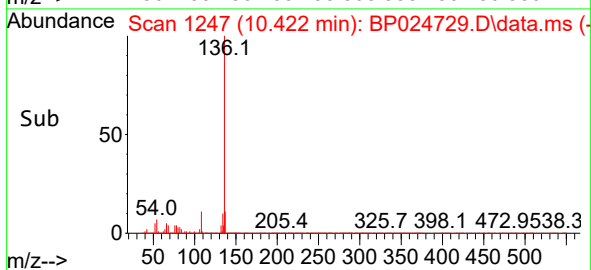
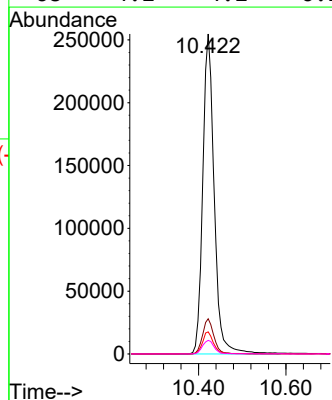
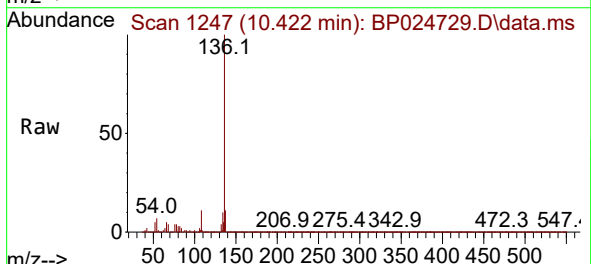
Instrument :
BNA_P
ClientSampleId :
L1-WC-3

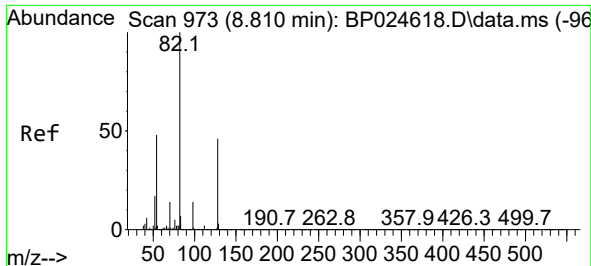
Tgt Ion: 99 Resp: 903042
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 36.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

Tgt Ion: 136 Resp: 464032
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.5 8.3
68 4.2 4.2 6.2

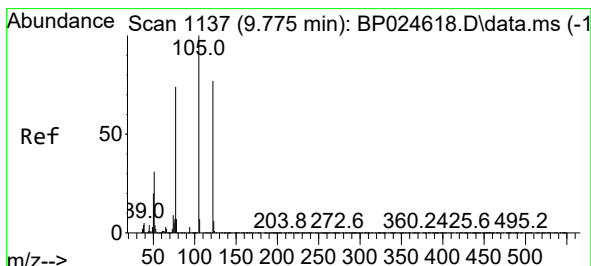
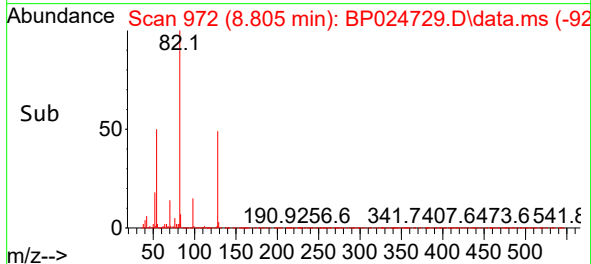
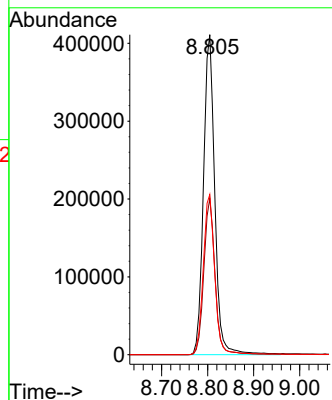
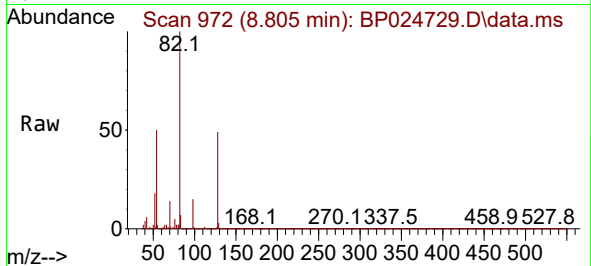




#23
Nitrobenzene-d5
Concen: 76.776 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

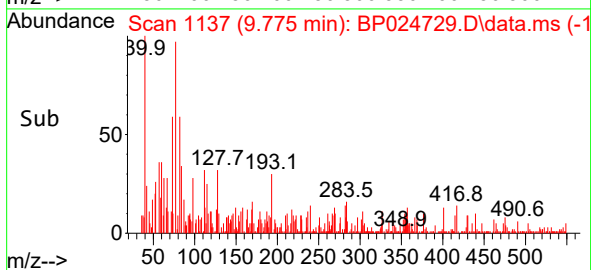
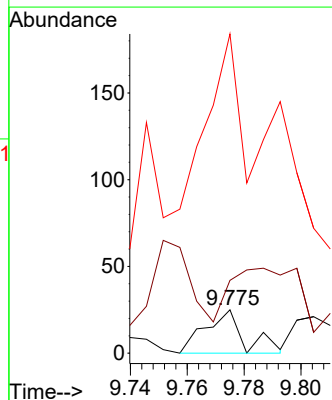
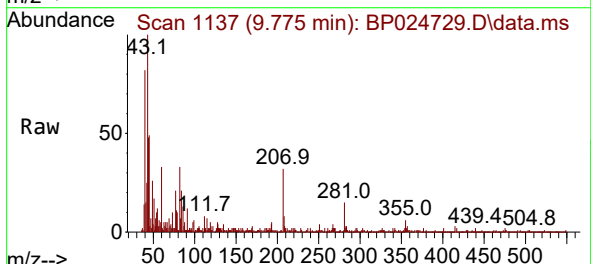
Instrument :
BNA_P
ClientSampleId :
L1-WC-3

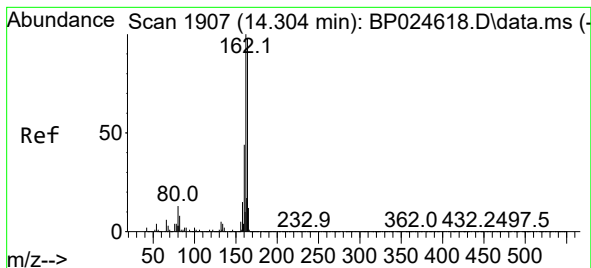
Tgt Ion: 82 Resp: 705103
Ion Ratio Lower Upper
82 100
128 48.8 37.0 55.4
54 50.0 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 168.0 106.9 146.9#
77 736.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

Instrument :

BNA_P

ClientSampleId :

L1-WC-3

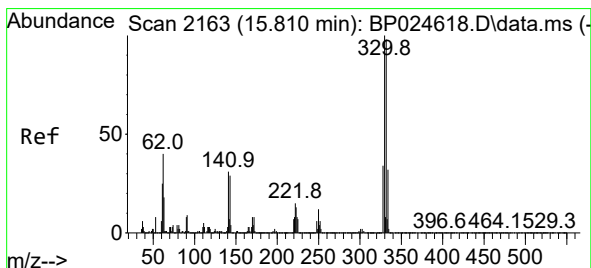
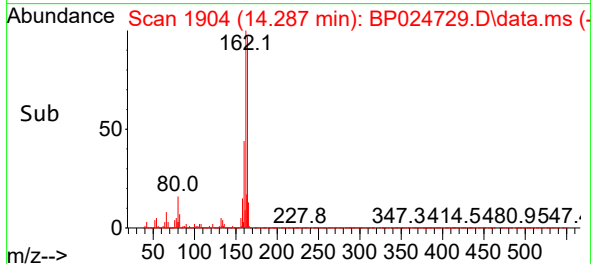
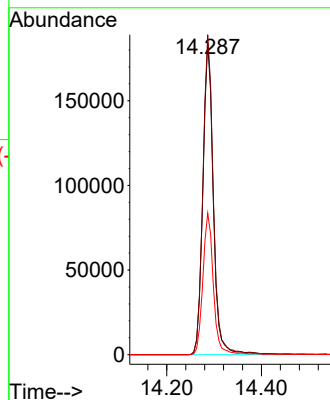
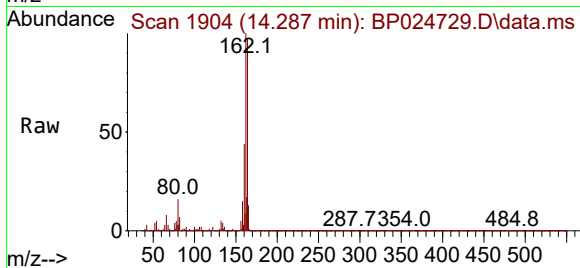
Tgt Ion:164 Resp: 282501

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 159.585 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

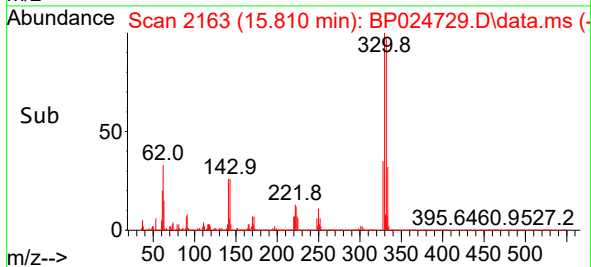
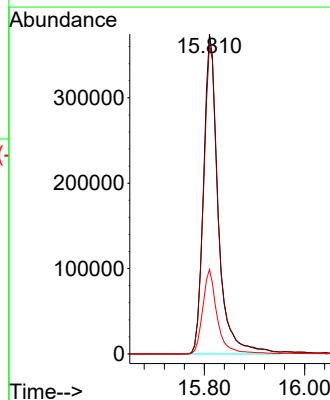
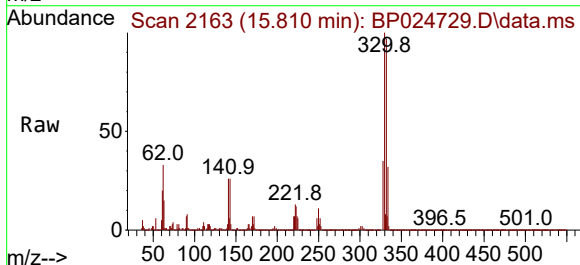
Tgt Ion:330 Resp: 764284

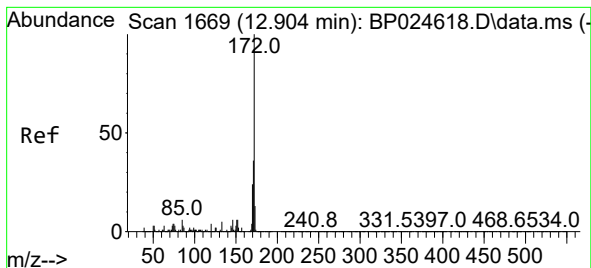
Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 26.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.750 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

Instrument :

BNA_P

ClientSampleId :

L1-WC-3

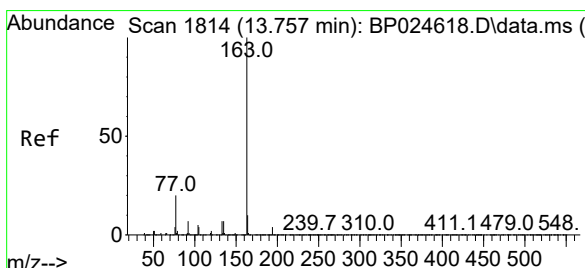
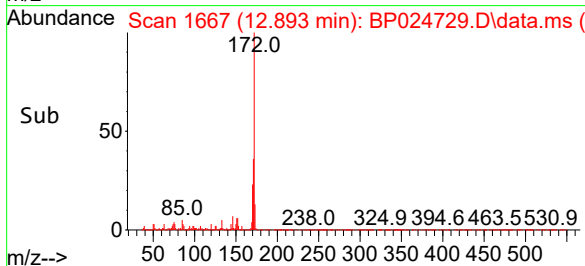
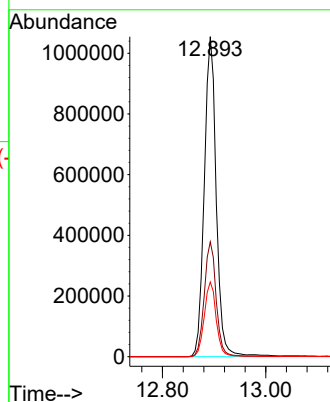
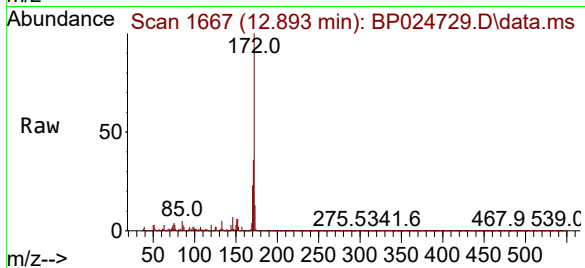
Tgt Ion:172 Resp: 1698085

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 18.8 28.2



#50

Dimethylphthalate

Concen: 2.879 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

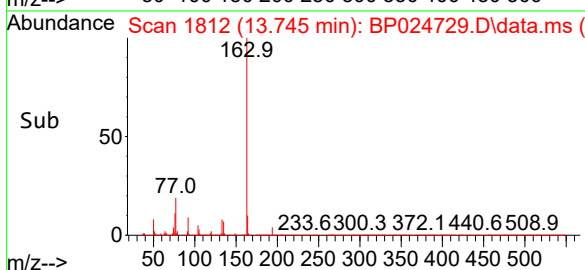
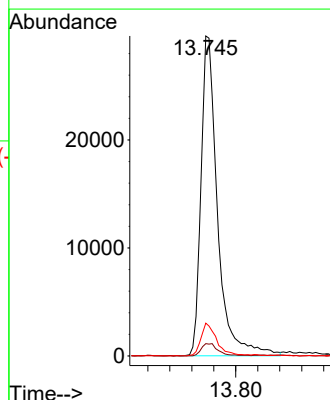
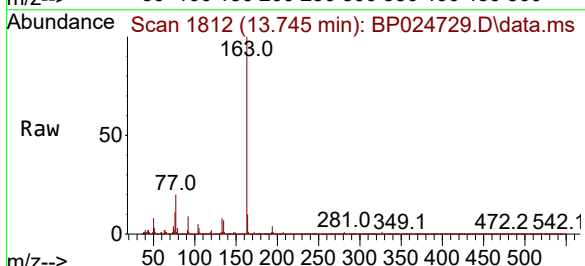
Tgt Ion:163 Resp: 61997

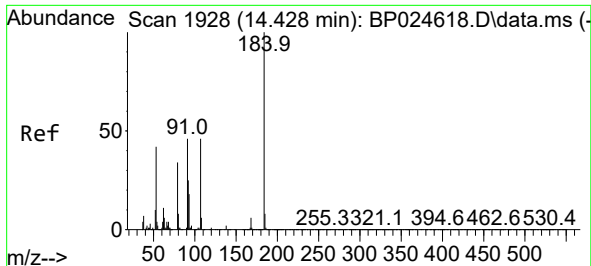
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.1 12.1

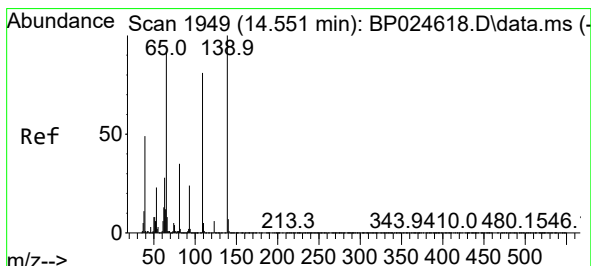
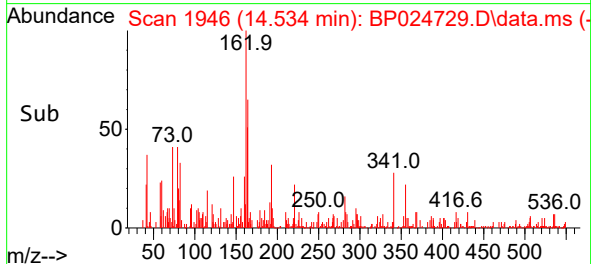
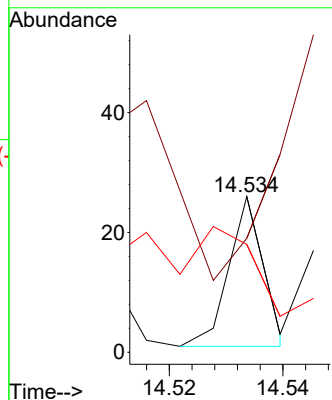
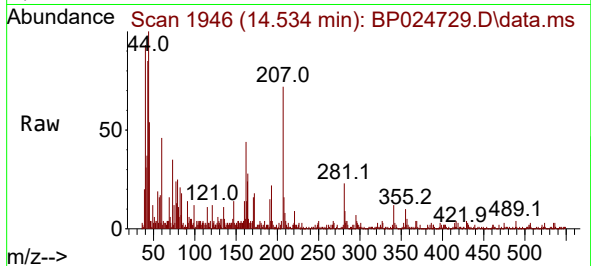




#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.106 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

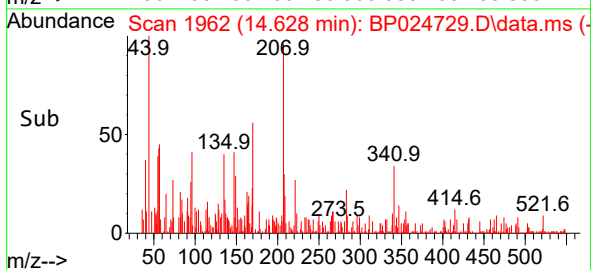
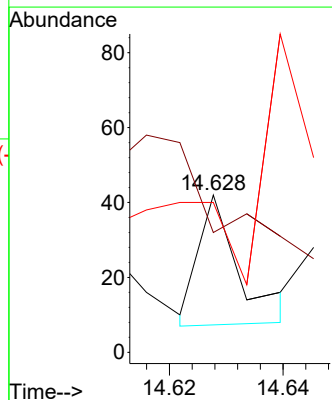
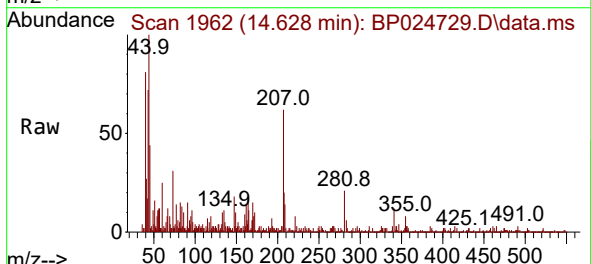
Instrument :
BNA_P
ClientSampleId :
L1-WC-3

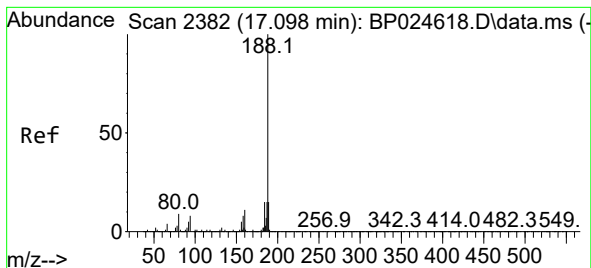
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 73.1 51.3 76.9
154 69.2 53.5 80.3



#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.628 min Scan# 1962
Delta R.T. 0.077 min
Lab File: BP024729.D
Acq: 21 May 2025 06:53

Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 76.2 61.4 101.4
65 95.2 72.2 112.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

Instrument :

BNA_P

ClientSampleId :

L1-WC-3

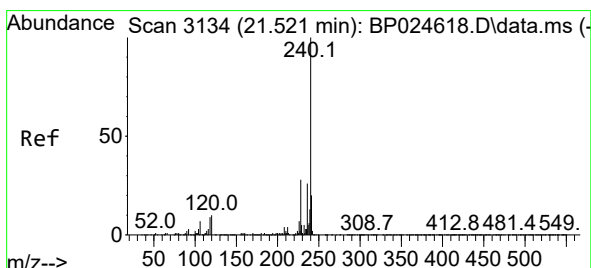
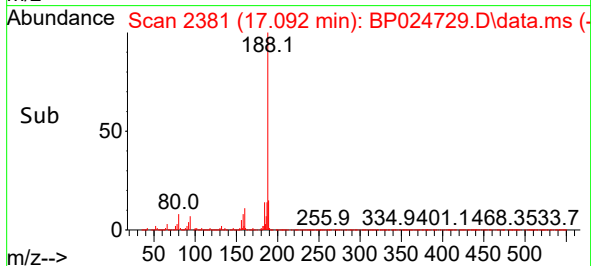
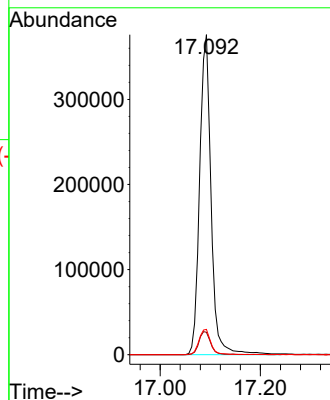
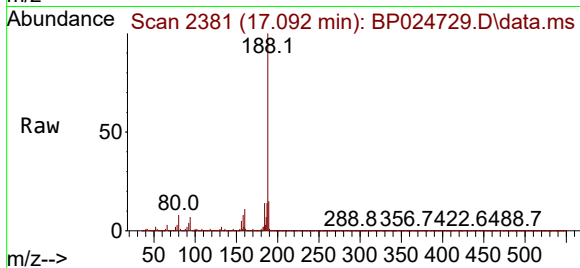
Tgt Ion:188 Resp: 593991

Ion Ratio Lower Upper

188 100

94 7.0 6.5 9.7

80 7.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.024 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

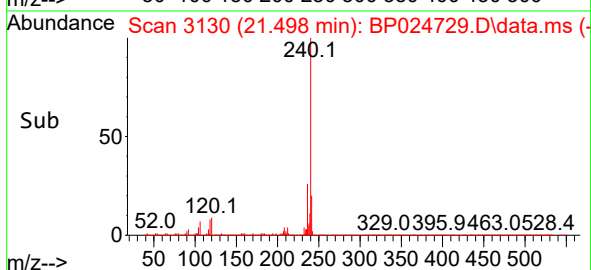
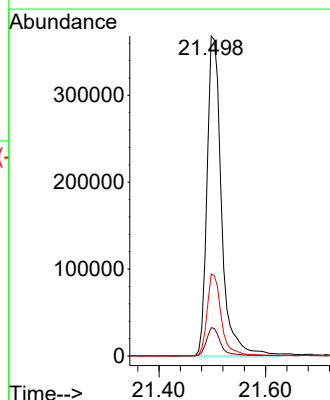
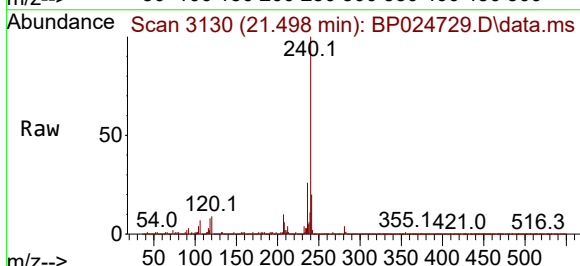
Tgt Ion:240 Resp: 693362

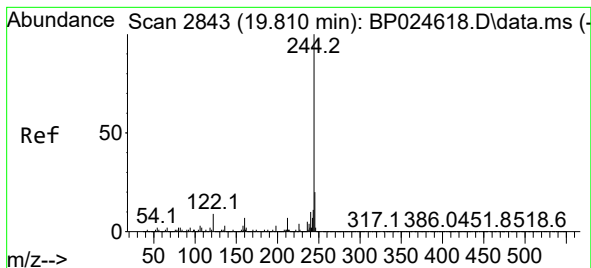
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 84.398 ng

RT: 19.798 min Scan# 2

Delta R.T. -0.012 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

Instrument :

BNA_P

ClientSampleId :

L1-WC-3

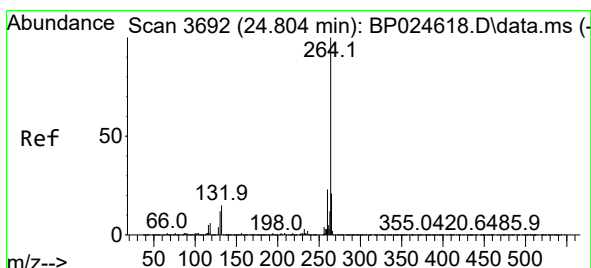
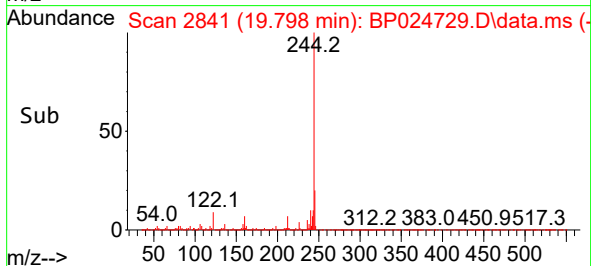
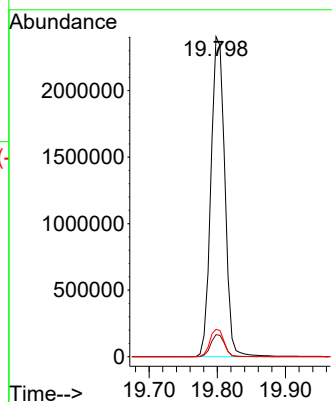
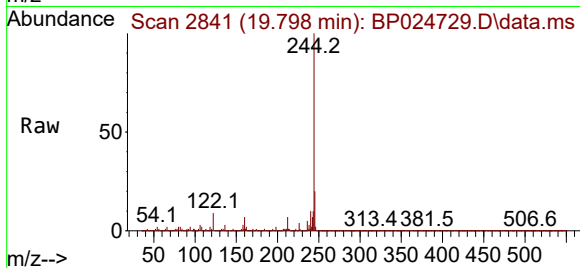
Tgt Ion:244 Resp: 3412739

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.024 min

Lab File: BP024729.D

Acq: 21 May 2025 06:53

Tgt Ion:264 Resp: 809448

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 17.0 25.6

