

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024748.D
 Acq On : 21 May 2025 22:18
 Operator : RC/JU
 Sample : Q2075-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-05162025

Quant Time: May 22 03:05:09 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)

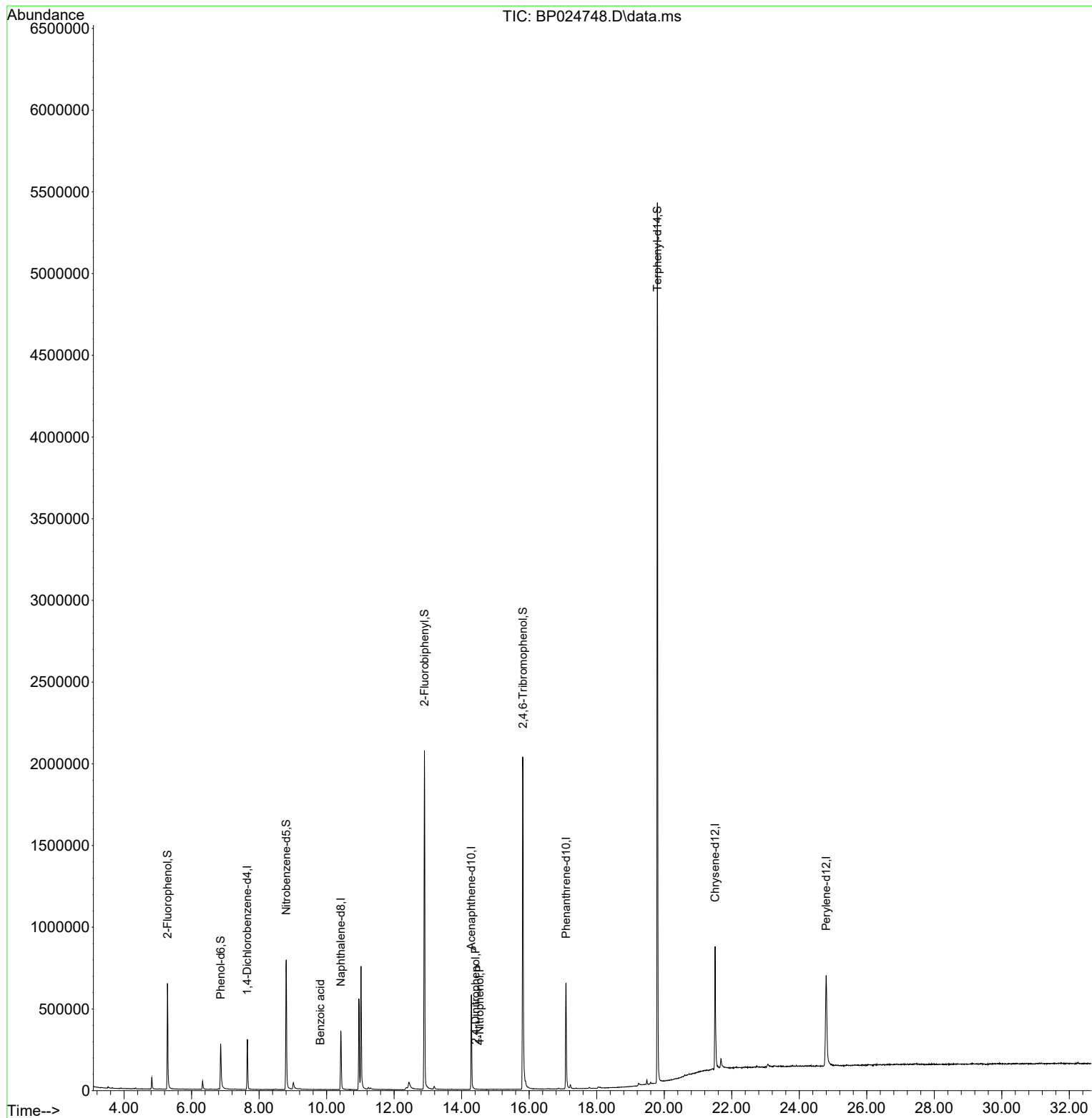
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	87679	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	325514	20.000	ng	#-0.01
39) Acenaphthene-d10	14.286	164	217493	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	457611	20.000	ng	0.00
76) Chrysene-d12	21.510	240	547413	20.000	ng	-0.01
86) Perylene-d12	24.798	264	671507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	302970	59.101	ng	0.00
7) Phenol-d6	6.863	99	209036	31.950	ng	0.01
23) Nitrobenzene-d5	8.804	82	474813	73.701	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	589837	159.972	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1234902	74.387	ng	0.00
79) Terphenyl-d14	19.798	244	2857336	89.502	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.816	122	19	7.473	ng	90
54) 2,4-Dinitrophenol	14.416	184	10	6.405	ng	# 1
56) 4-Nitrophenol	14.534	139	23	4.241	ng	# 62

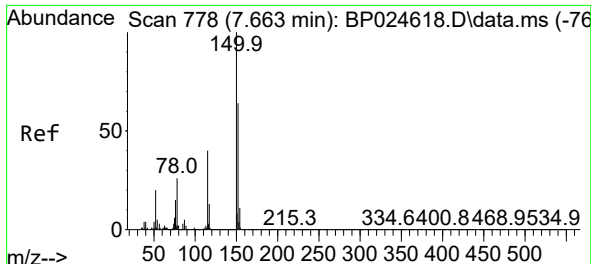
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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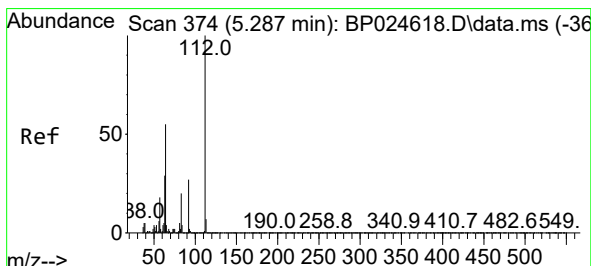
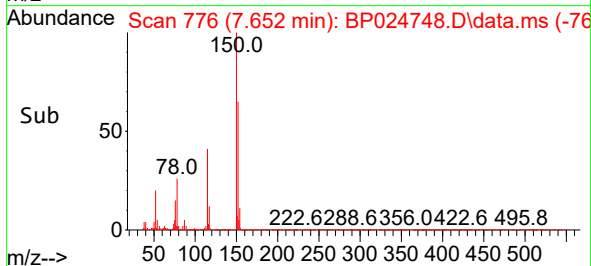
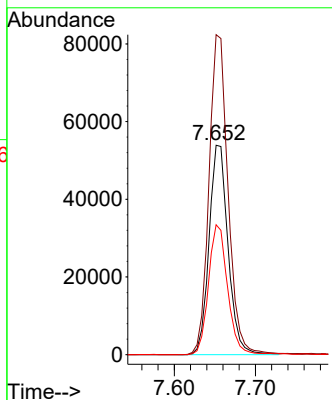
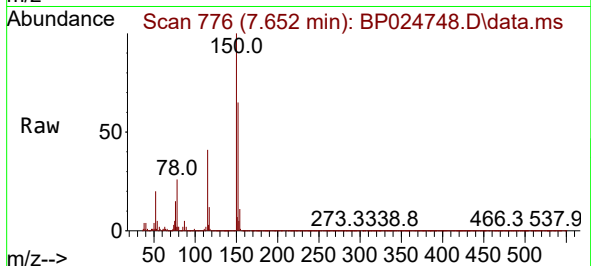




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

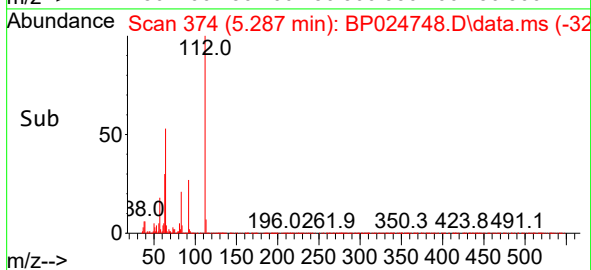
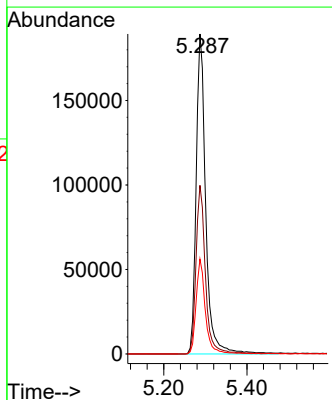
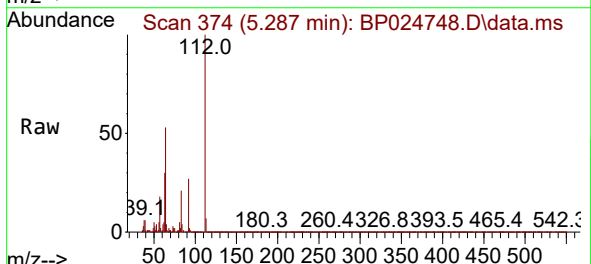
Instrument :
BNA_P
ClientSampleId :
FB-05162025

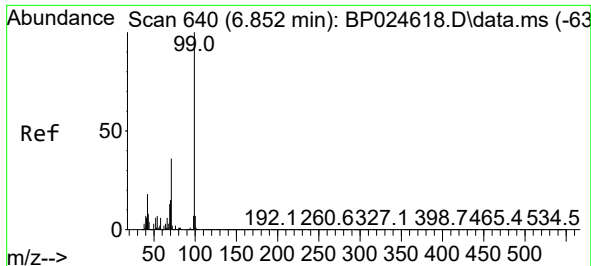
Tgt Ion:152 Resp: 87679
Ion Ratio Lower Upper
152 100
150 152.8 125.9 188.9
115 62.1 50.1 75.1



#5
2-Fluorophenol
Concen: 59.101 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:112 Resp: 302970
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 29.7 23.5 35.3

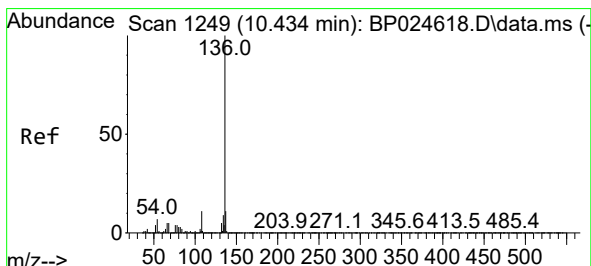
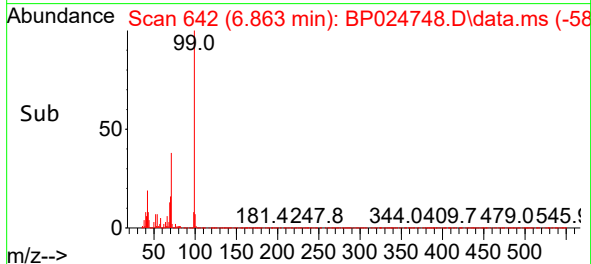
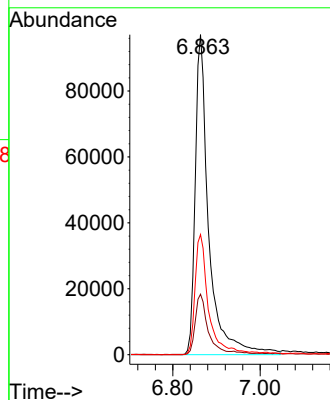
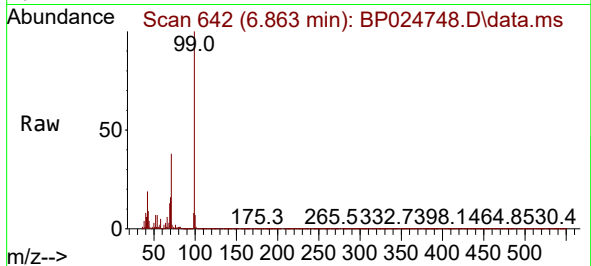




#7
Phenol-d6
Concen: 31.950 ng
RT: 6.863 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

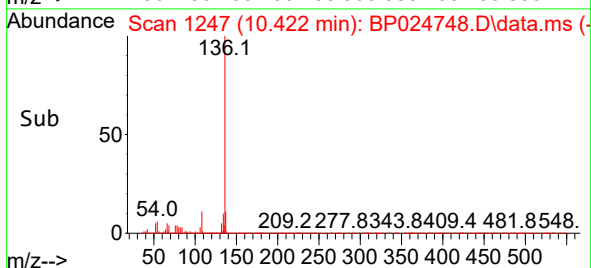
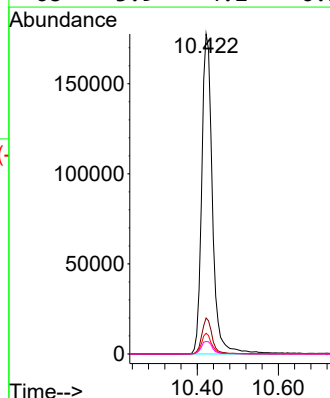
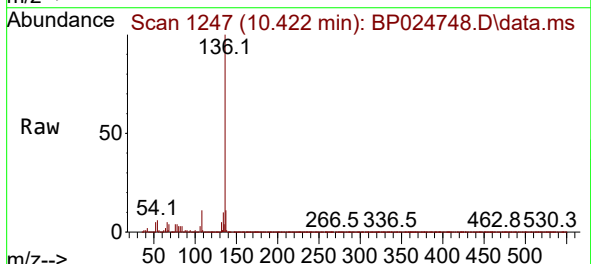
Instrument :
BNA_P
ClientSampleId :
FB-05162025

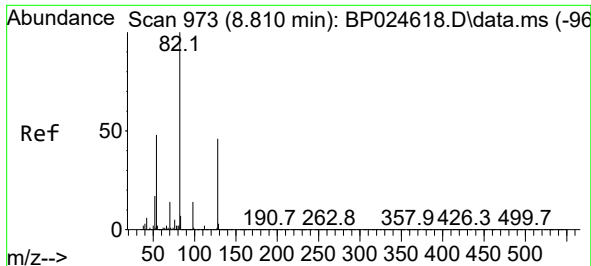
Tgt Ion: 99 Resp: 209036
Ion Ratio Lower Upper
99 100
42 18.9 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion: 136 Resp: 325514
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.5 8.3
68 3.9 4.2 6.2#

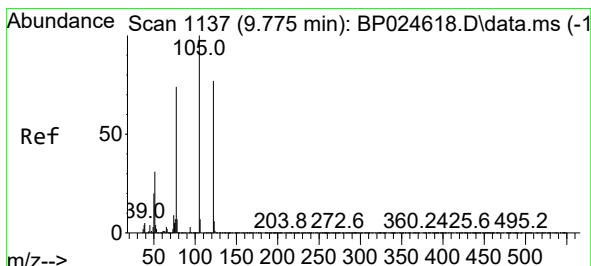
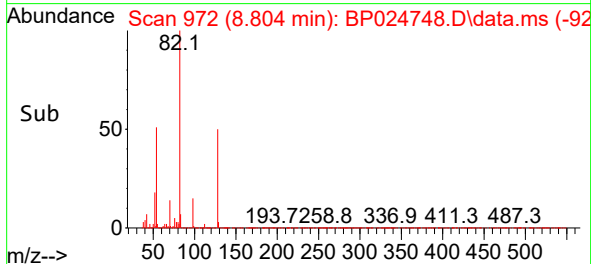
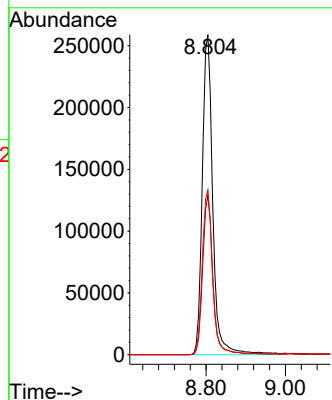
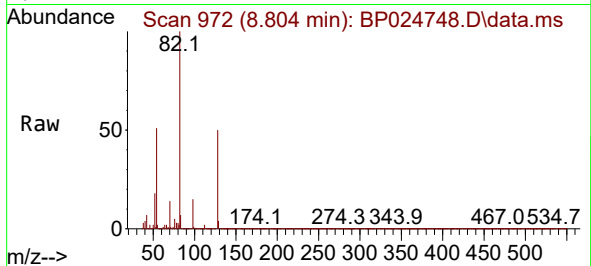




#23
Nitrobenzene-d5
Concen: 73.701 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

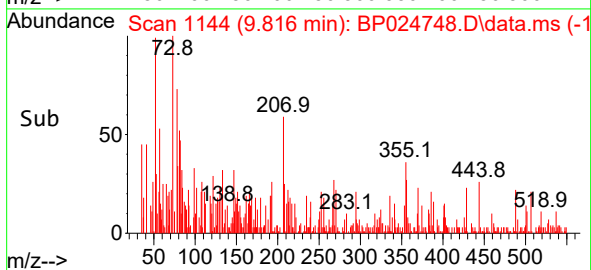
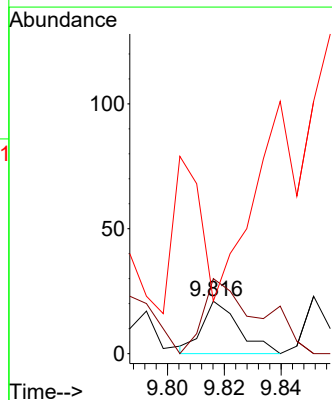
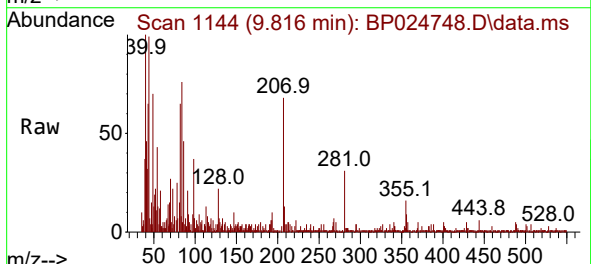
Instrument :
BNA_P
ClientSampleId :
FB-05162025

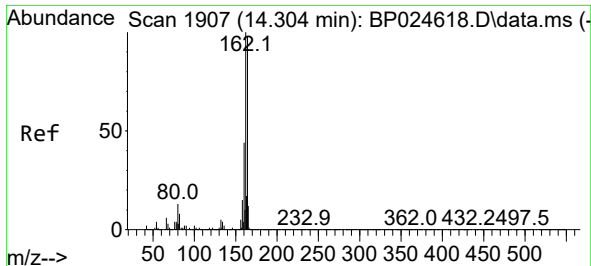
Tgt Ion: 82 Resp: 474813
Ion Ratio Lower Upper
82 100
128 49.8 37.0 55.4
54 51.5 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.041 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:122 Resp: 19
Ion Ratio Lower Upper
122 100
105 142.9 106.9 146.9
77 100.0 75.1 115.1

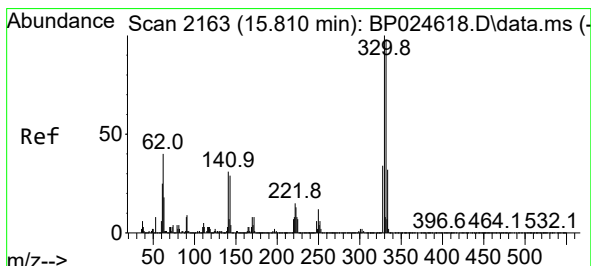
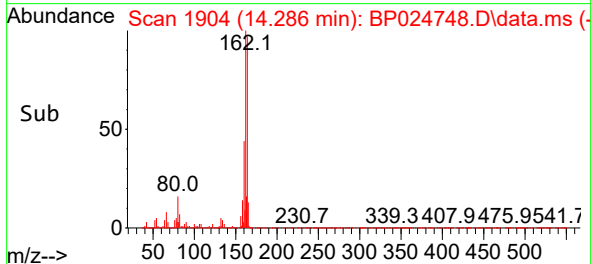
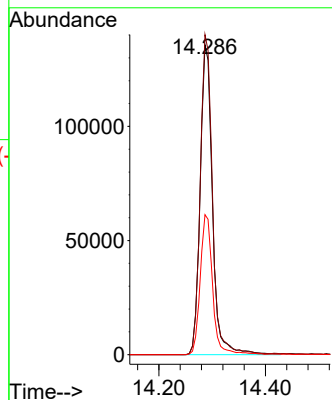
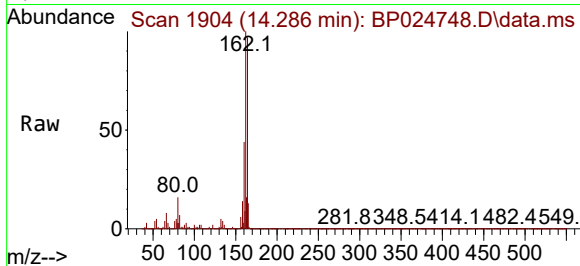




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

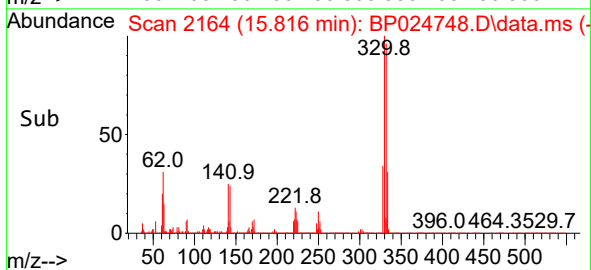
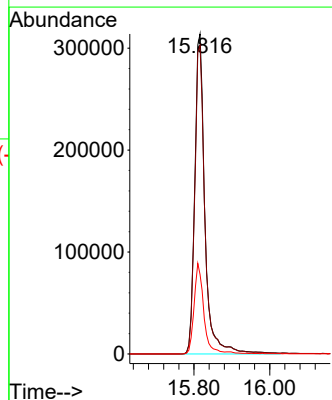
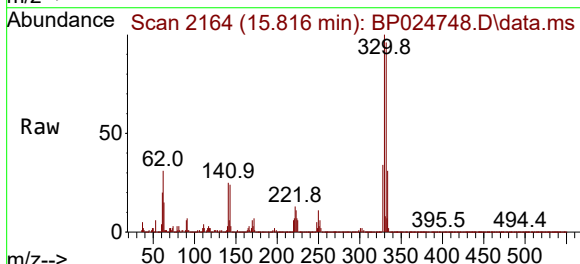
Instrument :
BNA_P
ClientSampleId :
FB-05162025

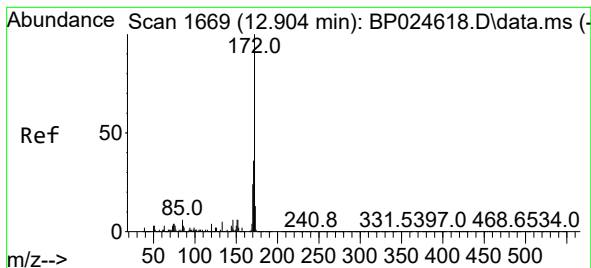
Tgt Ion:164 Resp: 217493
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 159.972 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:330 Resp: 589837
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 26.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 74.387 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024748.D

Acq: 21 May 2025 22:18

Instrument :

BNA_P

ClientSampleId :

FB-05162025

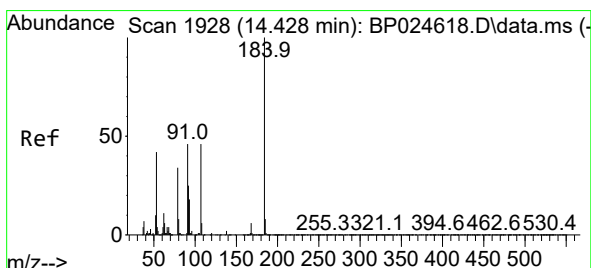
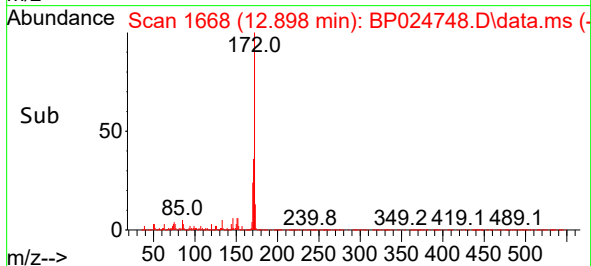
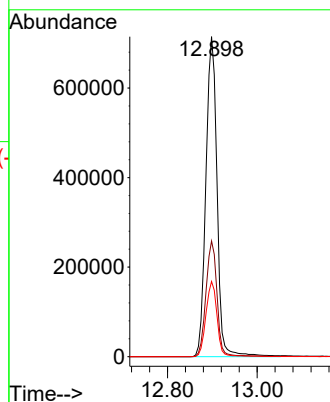
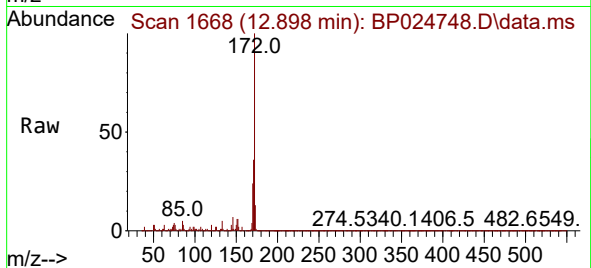
Tgt Ion:172 Resp: 1234902

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.416 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BP024748.D

Acq: 21 May 2025 22:18

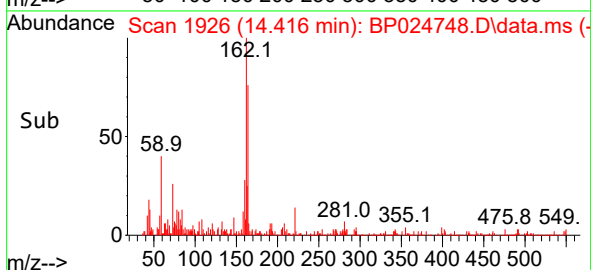
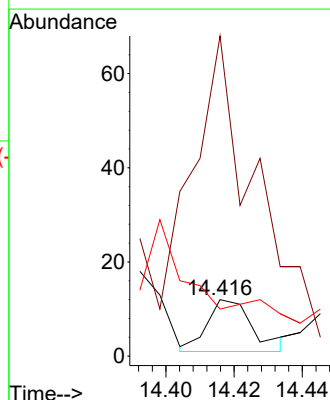
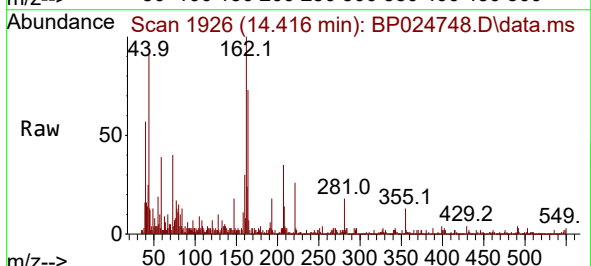
Tgt Ion:184 Resp: 10

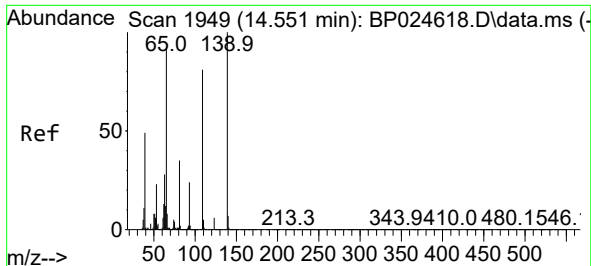
Ion Ratio Lower Upper

184 100

63 566.7 51.3 76.9#

154 83.3 53.5 80.3#

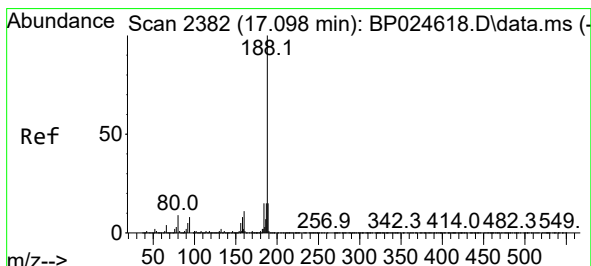
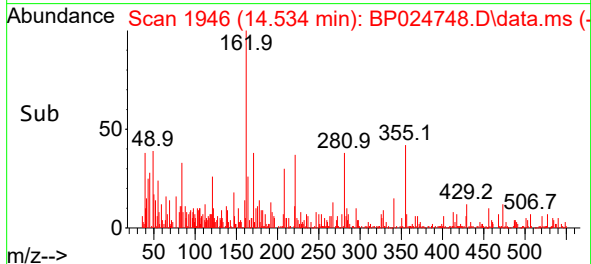
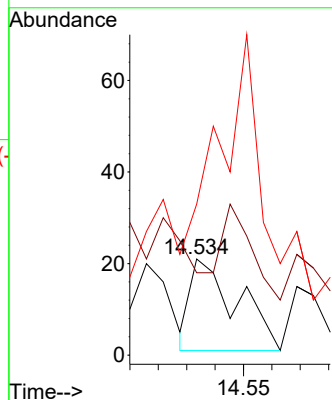
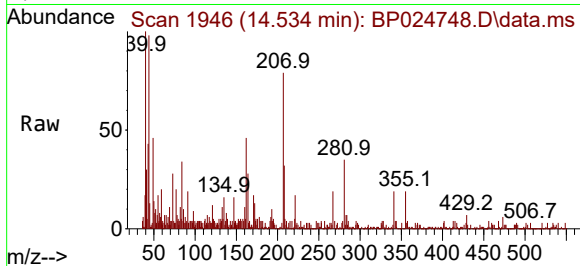




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.018 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

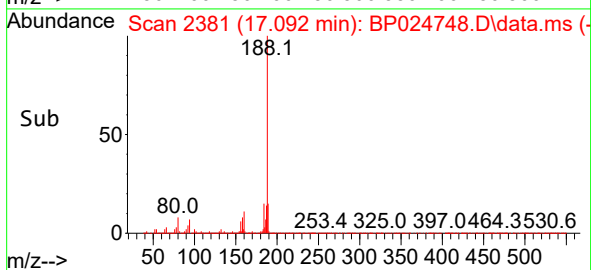
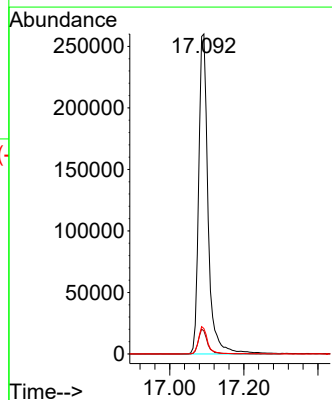
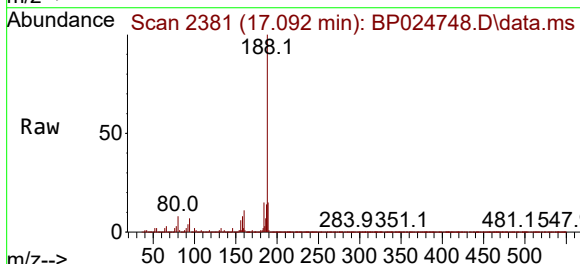
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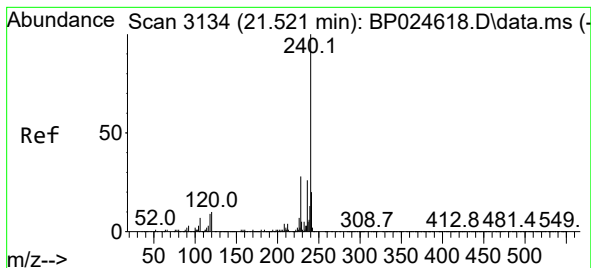
Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 85.7 61.4 101.4
65 157.1 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:188 Resp: 457611
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024748.D

Acq: 21 May 2025 22:18

Instrument :

BNA_P

ClientSampleId :

FB-05162025

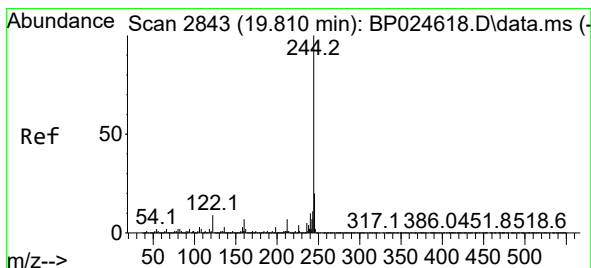
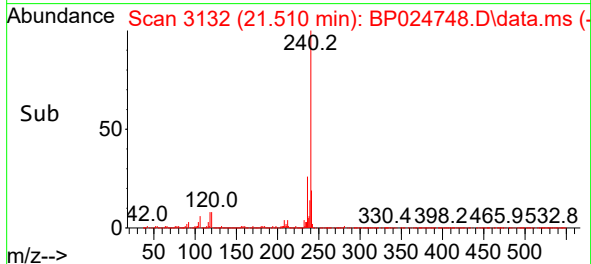
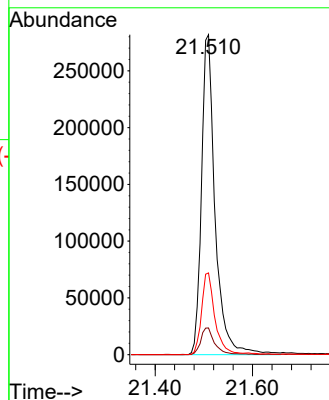
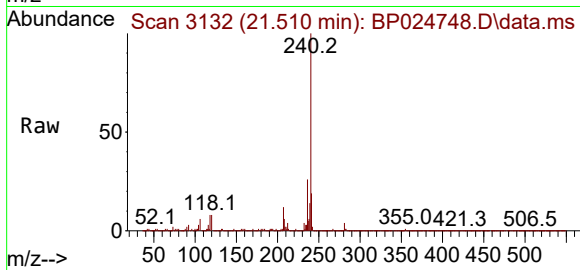
Tgt Ion:240 Resp: 547413

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 89.502 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP024748.D

Acq: 21 May 2025 22:18

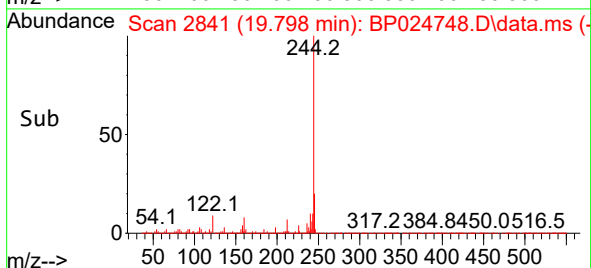
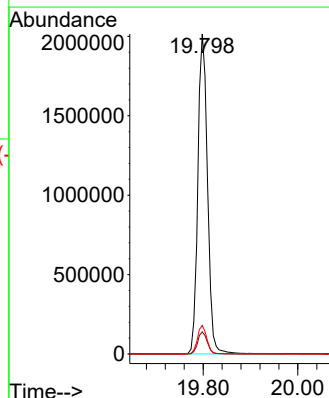
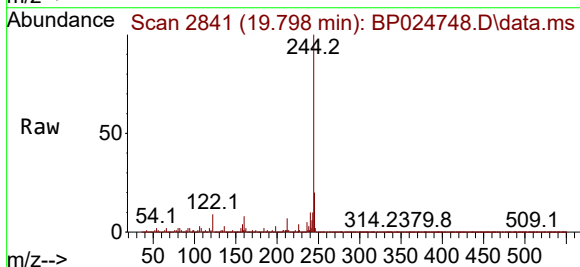
Tgt Ion:244 Resp: 2857336

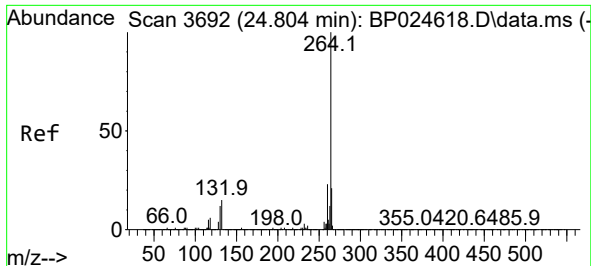
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.9 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion:264 Resp: 671507
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.7 17.0 25.6

