

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052725\
 Data File : BP024807.D
 Acq On : 27 May 2025 11:03
 Operator : RC/JU
 Sample : PB168156BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168156BL

Quant Time: May 27 11:30:37 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)

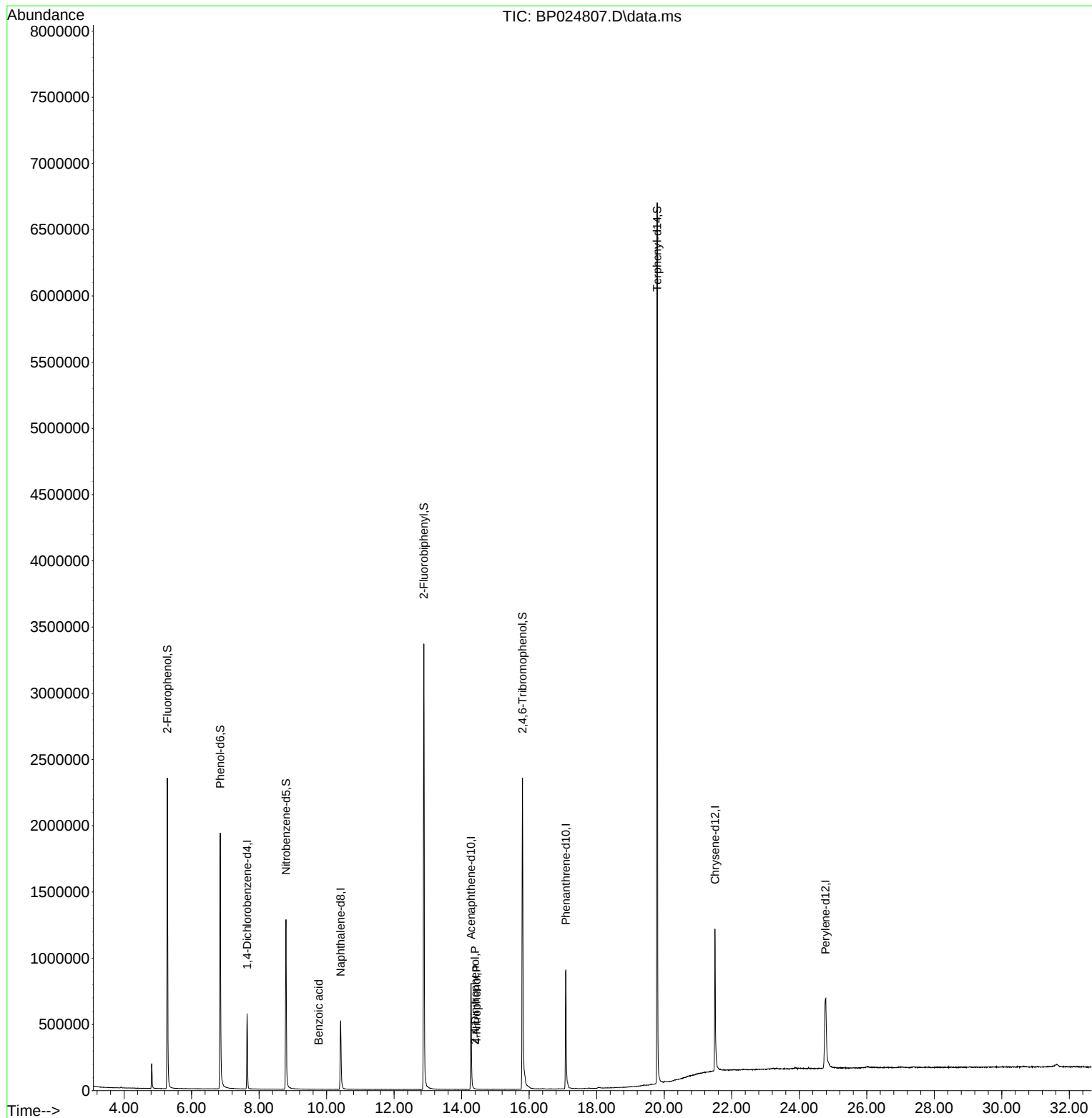
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	151808	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	552512	20.000	ng	-0.02
39) Acenaphthene-d10	14.275	164	328568	20.000	ng	-0.03
64) Phenanthrene-d10	17.087	188	654829	20.000	ng	-0.01
76) Chrysene-d12	21.504	240	742824	20.000	ng	-0.02
86) Perylene-d12	24.780	264	845758	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	1121741	126.383	ng	0.00
7) Phenol-d6	6.852	99	1281724	113.148	ng	0.00
23) Nitrobenzene-d5	8.799	82	789971	72.242	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	754329	135.423	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1888591	75.305	ng	-0.02
79) Terphenyl-d14	19.792	244	3538882	81.690	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.763	122	19	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.398	184	11	6.404	ng	# 1
56) 4-Nitrophenol	14.440	139	21	4.238	ng	80

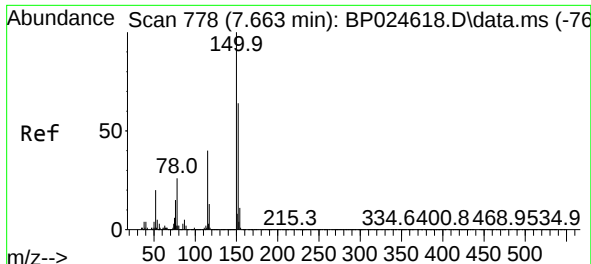
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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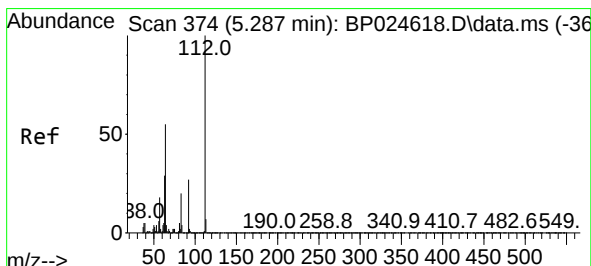
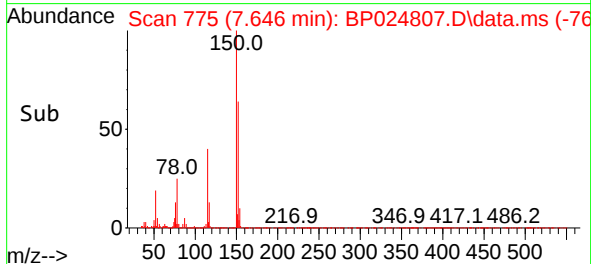
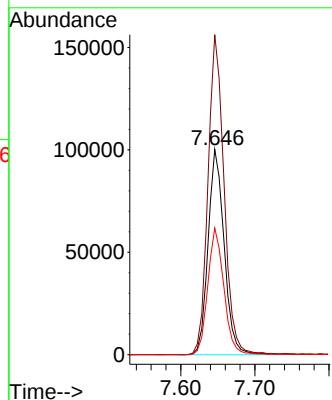
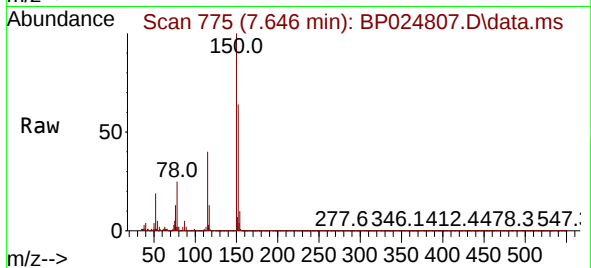




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

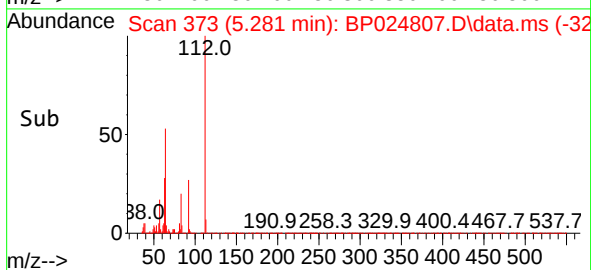
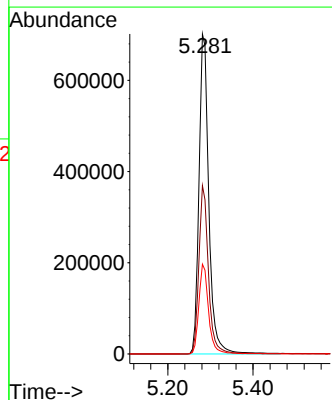
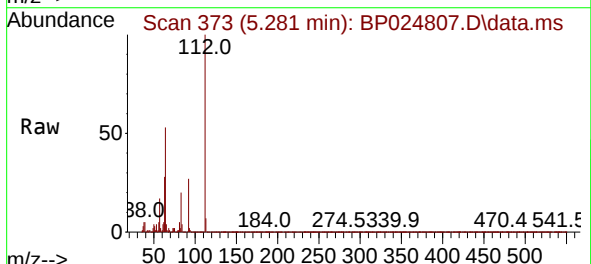
Instrument :
BNA_P
ClientSampleId :
PB168156BL

Tgt Ion:152 Resp: 151808
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 61.7 50.1 75.1



#5
2-Fluorophenol
Concen: 126.383 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Tgt Ion:112 Resp: 1121741
Ion Ratio Lower Upper
112 100
64 52.6 44.1 66.1
63 28.0 23.5 35.3



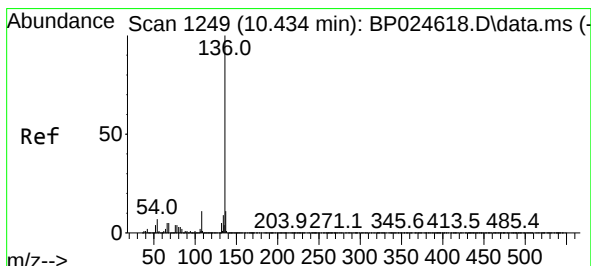
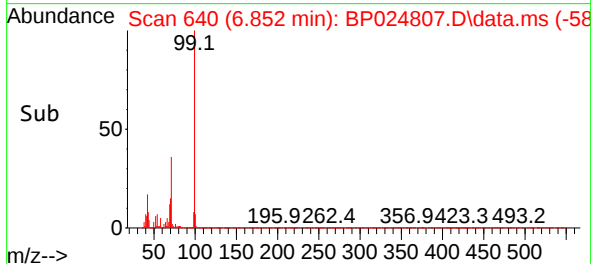
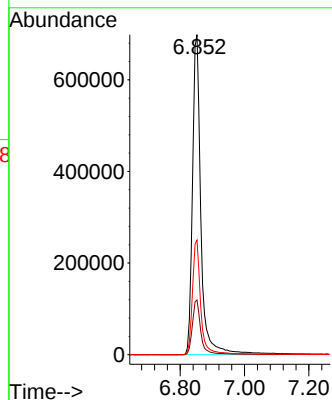
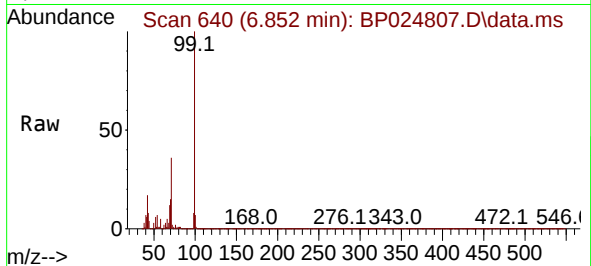


#7
Phenol-d6
Concen: 113.148 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Instrument :
BNA_P
ClientSampleId :
PB168156BL

Tgt Ion: 99 Resp: 1281724

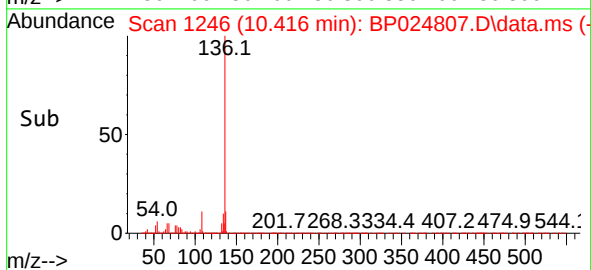
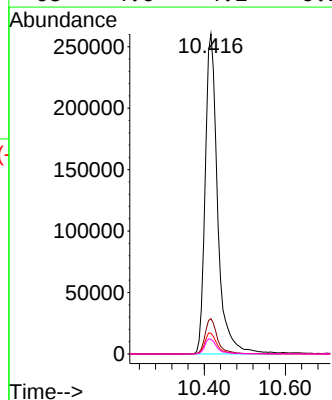
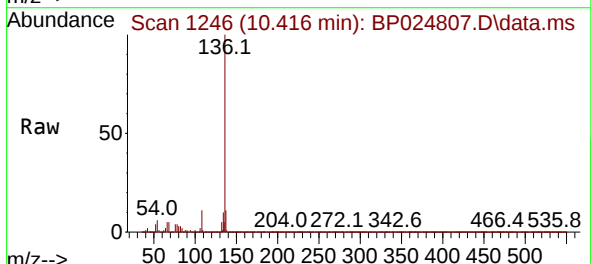
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	35.8	29.2	43.8

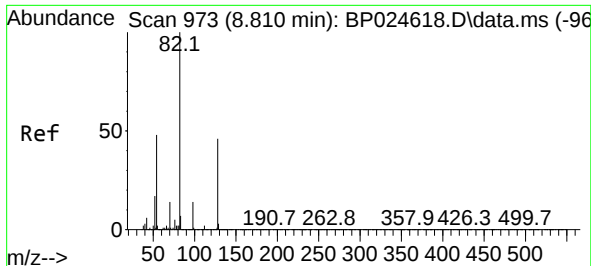


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Tgt Ion: 136 Resp: 552512

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.5	8.3
68	4.6	4.2	6.2

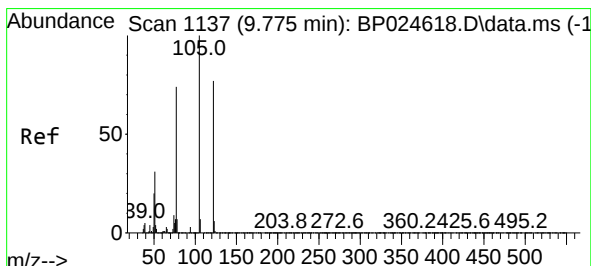
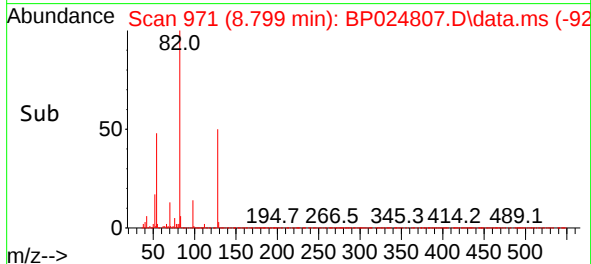
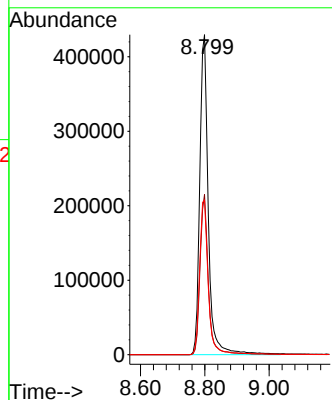
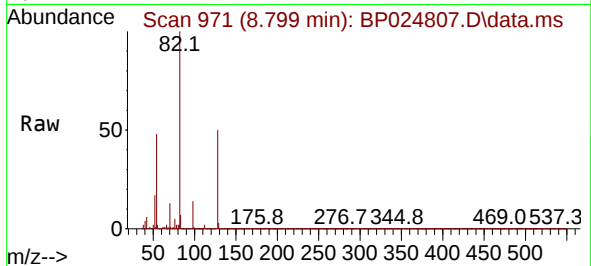




#23
Nitrobenzene-d5
Concen: 72.242 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

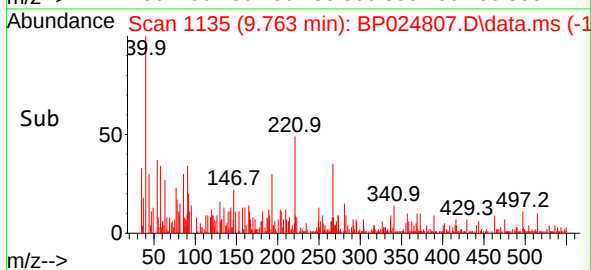
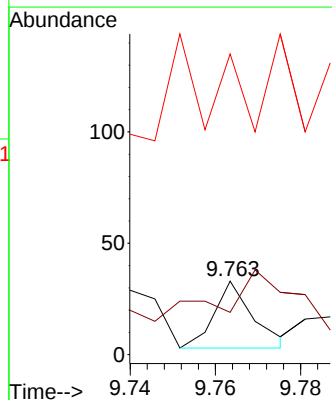
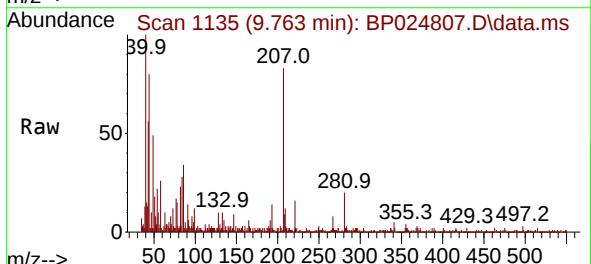
Instrument :
BNA_P
ClientSampleId :
PB168156BL

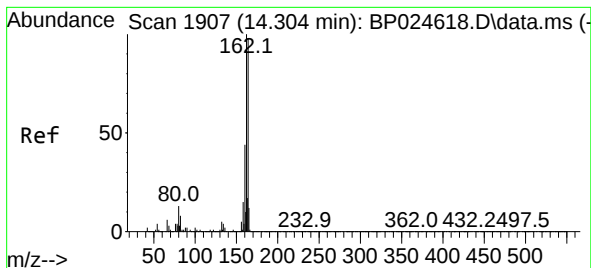
Tgt Ion: 82 Resp: 789971
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 48.3 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 41.3 106.9 146.9#
77 293.5 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1902

Delta R.T. -0.029 min

Lab File: BP024807.D

Acq: 27 May 2025 11:03

Instrument :

BNA_P

ClientSampleId :

PB168156BL

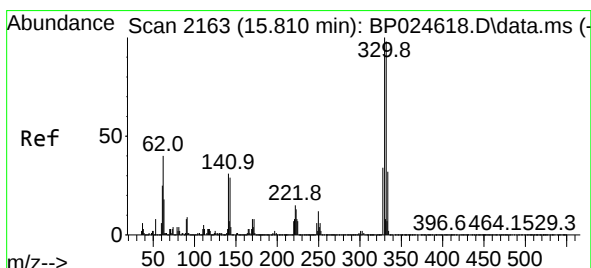
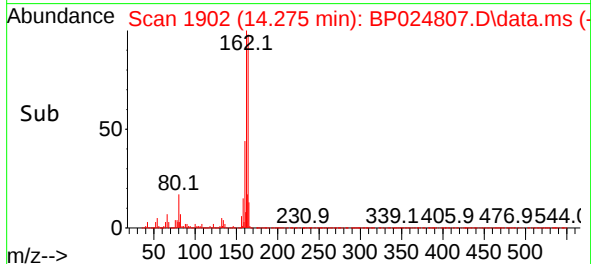
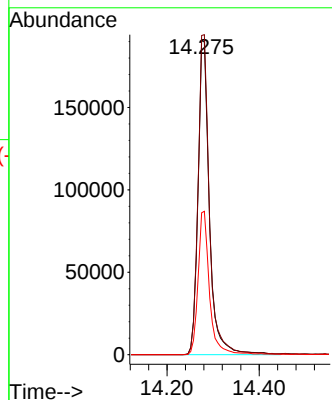
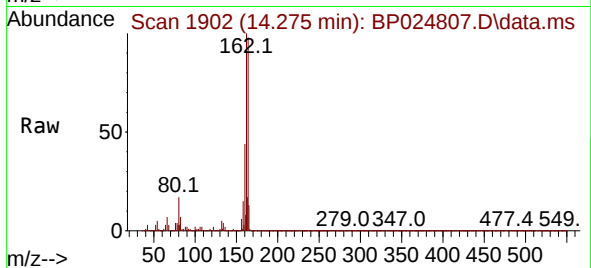
Tgt Ion:164 Resp: 328568

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

160 45.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 135.423 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024807.D

Acq: 27 May 2025 11:03

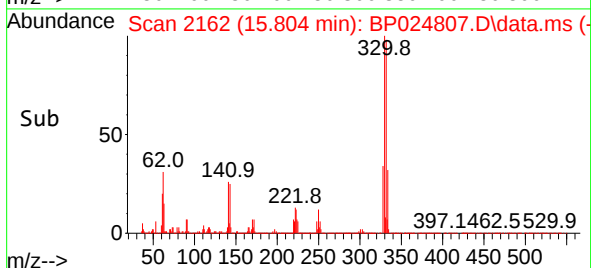
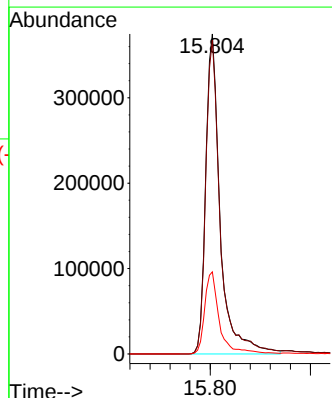
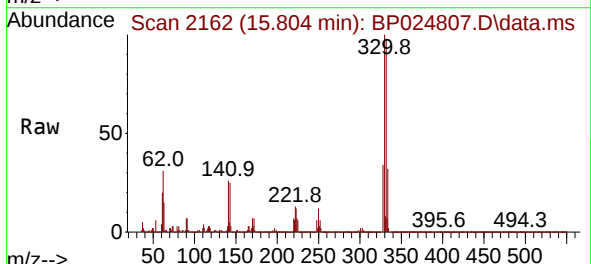
Tgt Ion:330 Resp: 754329

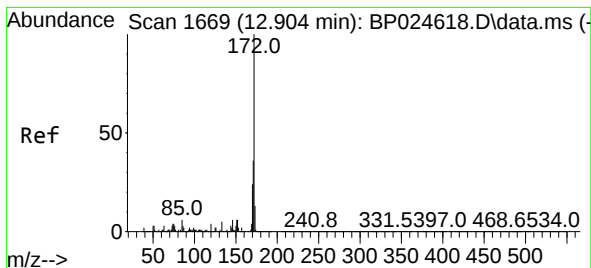
Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 26.1 24.3 36.5

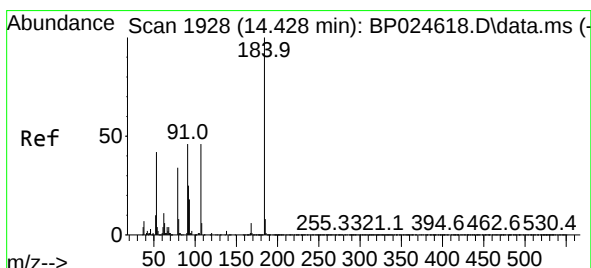
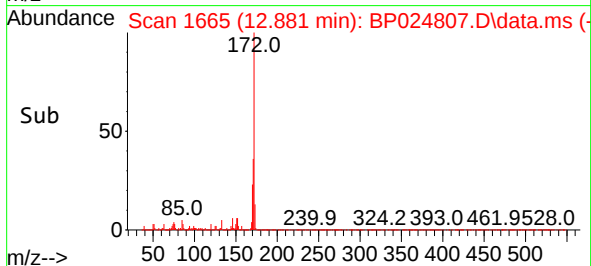
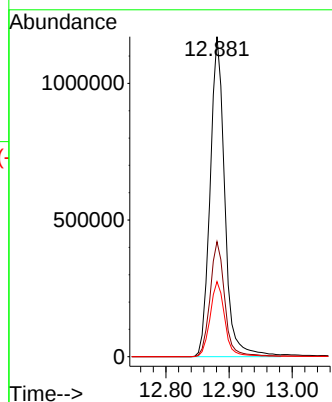
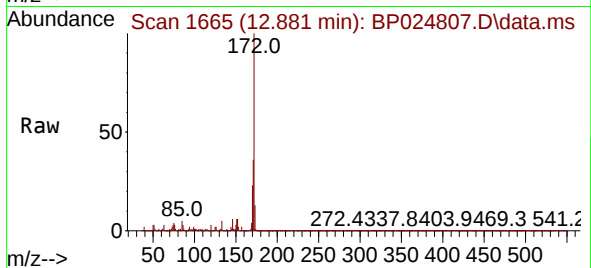




#45
2-Fluorobiphenyl
Concen: 75.305 ng
RT: 12.881 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

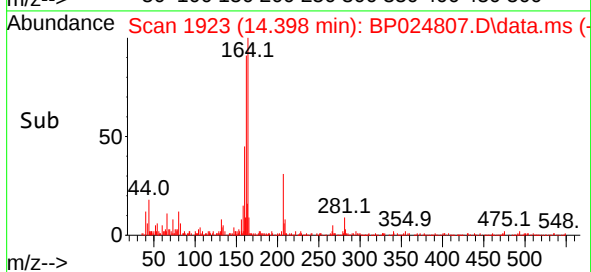
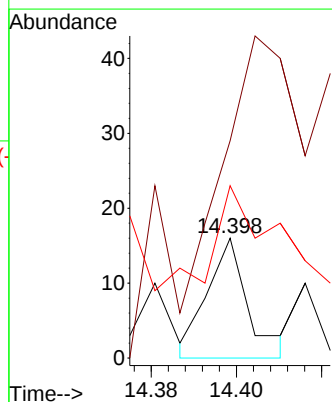
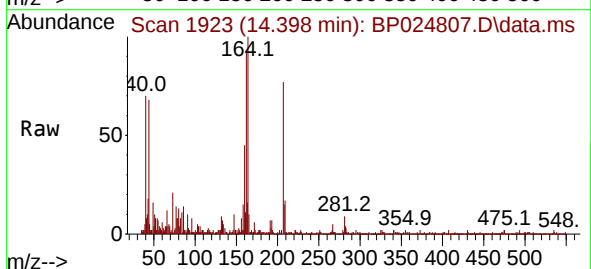
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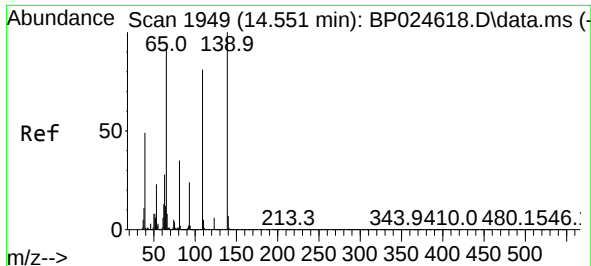
Tgt Ion:172 Resp: 1888591
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.030 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 181.3 51.3 76.9#
154 143.8 53.5 80.3#

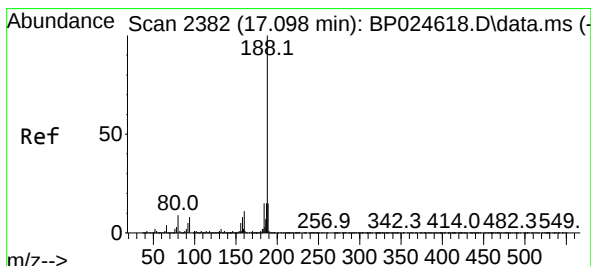
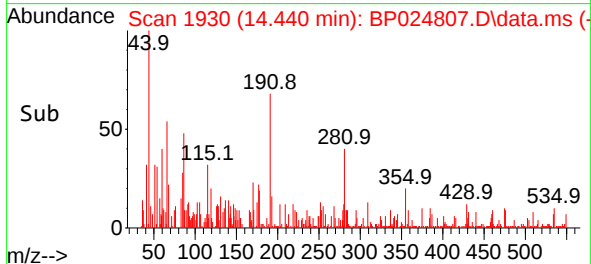
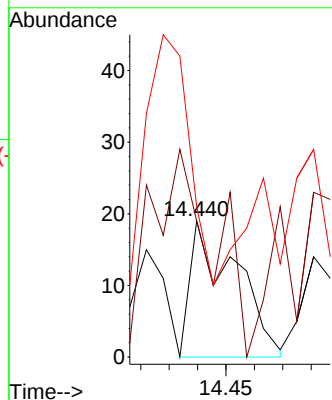
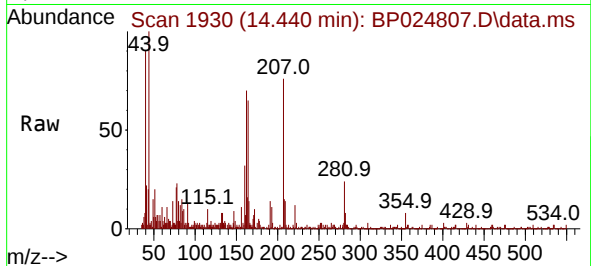




#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.440 min Scan# 1949
Delta R.T. -0.111 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

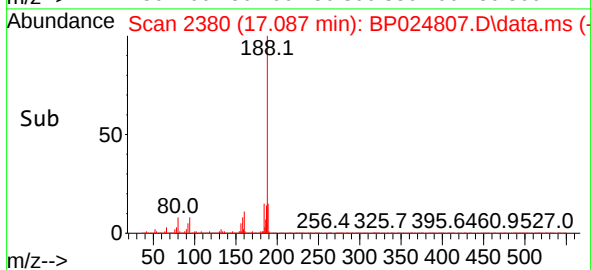
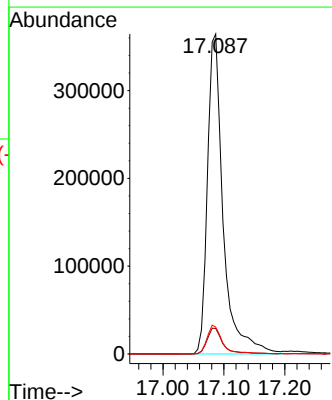
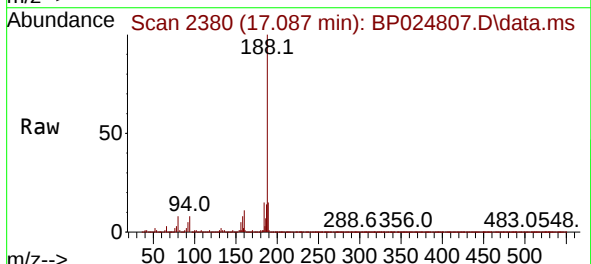
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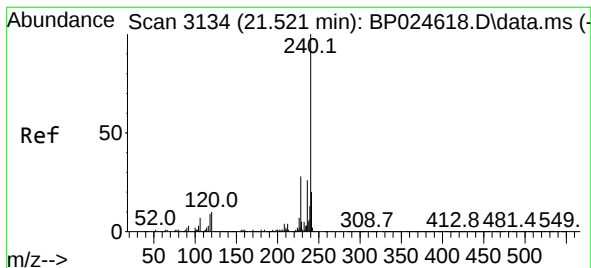
Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 100.0 61.4 101.4
65 110.5 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024807.D
Acq: 27 May 2025 11:03

Tgt Ion:188 Resp: 654829
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.4 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP024807.D

Acq: 27 May 2025 11:03

Instrument :

BNA_P

ClientSampleId :

PB168156BL

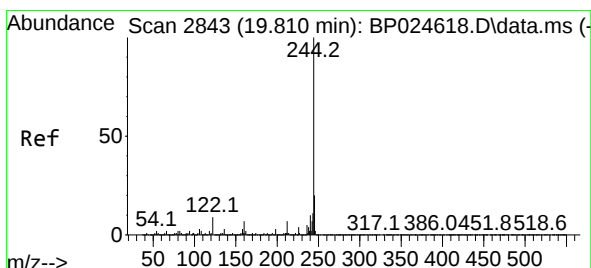
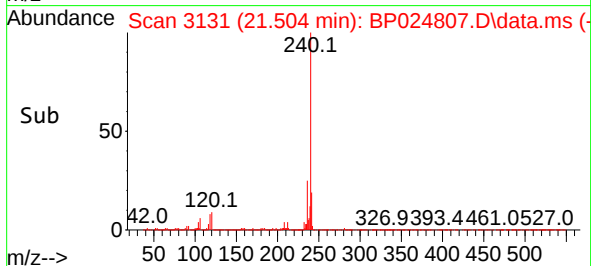
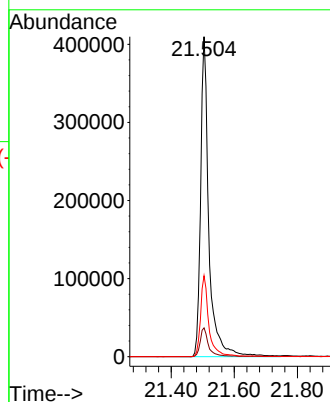
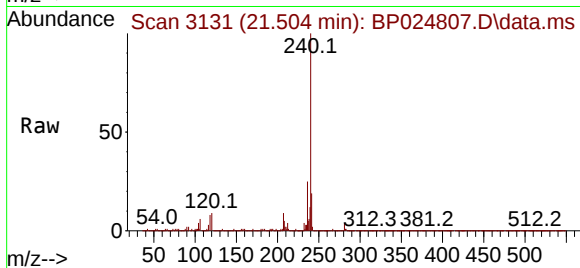
Tgt Ion:240 Resp: 742824

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 81.690 ng

RT: 19.792 min Scan# 2840

Delta R.T. -0.017 min

Lab File: BP024807.D

Acq: 27 May 2025 11:03

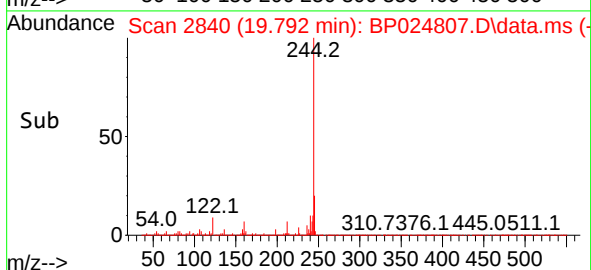
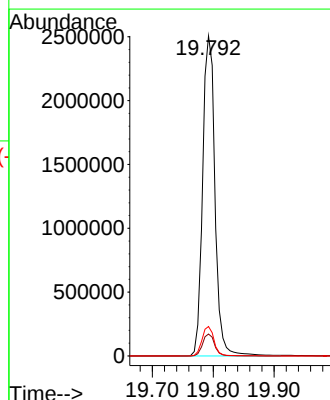
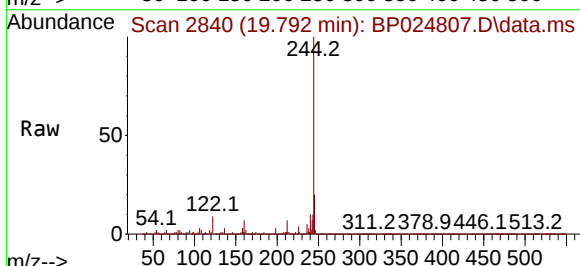
Tgt Ion:244 Resp: 3538882

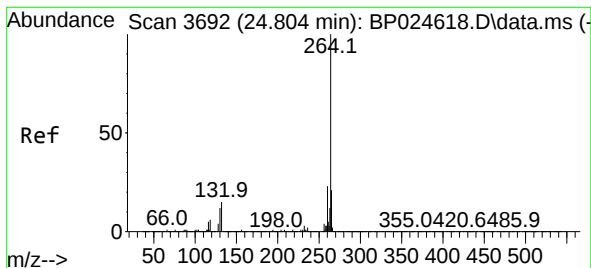
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.2 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP024807.D

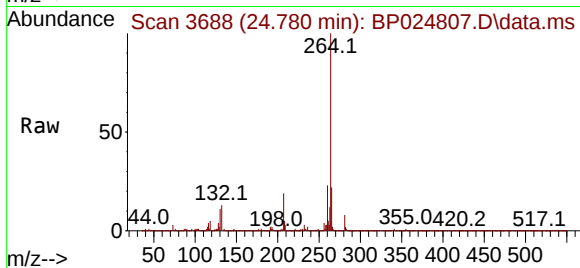
Acq: 27 May 2025 11:03

Instrument :

BNA_P

ClientSampleId :

PB168156BL



Tgt Ion:264 Resp: 845758

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.0 17.0 25.6

