

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024786.D
 Acq On : 23 May 2025 10:00
 Operator : RC/JU
 Sample : Q2097-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 10:38:36 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)

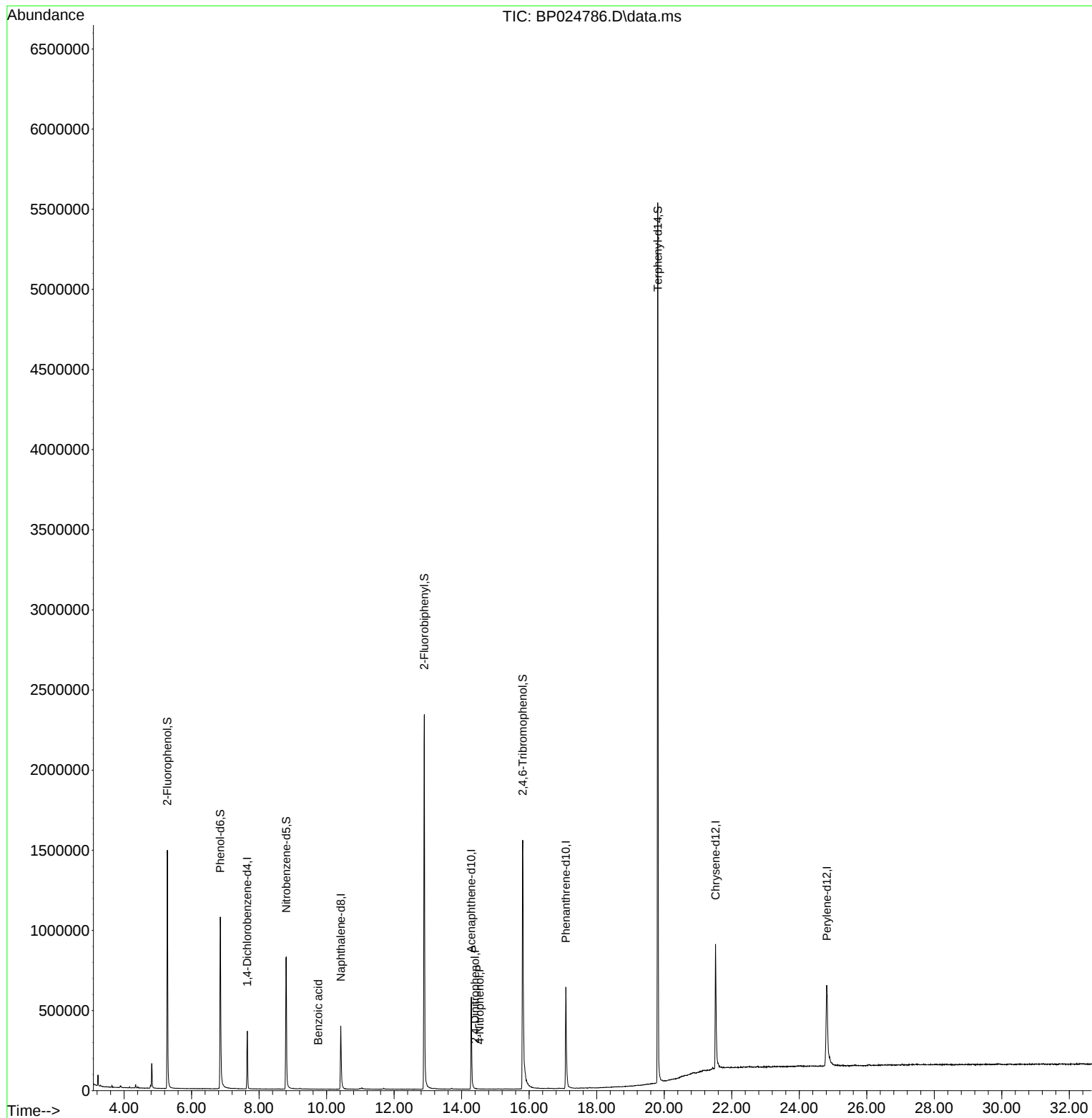
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	100869	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	379860	20.000	ng	#-0.01
39) Acenaphthene-d10	14.286	164	239030	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	502408	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	602458	20.000	ng	0.00
86) Perylene-d12	24.815	264	714687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	683318	115.866	ng	0.00
7) Phenol-d6	6.852	99	732819	97.361	ng	0.00
23) Nitrobenzene-d5	8.804	82	521802	69.407	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	601742	148.496	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1370979	75.143	ng	-0.01
79) Terphenyl-d14	19.810	244	2951581	84.007	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.751	122	14	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.392	184	11	6.405	ng	# 1
56) 4-Nitrophenol	14.528	139	28	4.242	ng	92

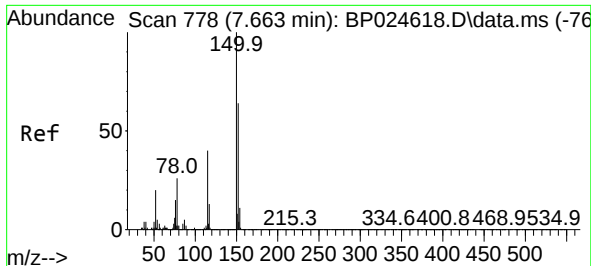
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024786.D
Acq On : 23 May 2025 10:00
Operator : RC/JU
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
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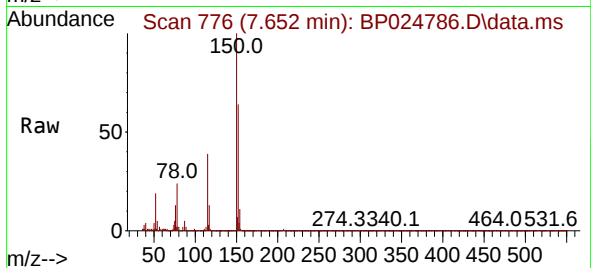
Quant Time: May 23 10:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



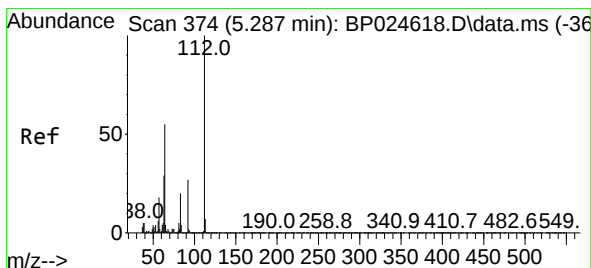
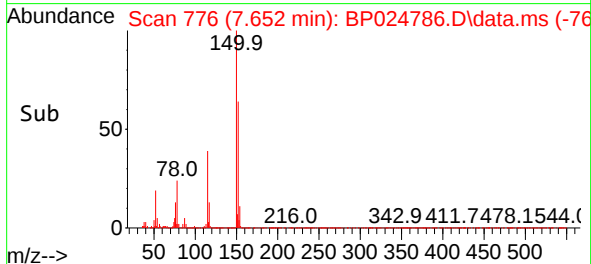
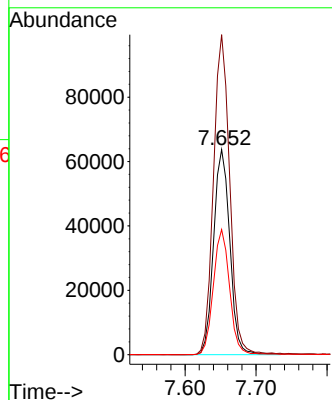


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Instrument :
BNA_P
ClientSampleId :

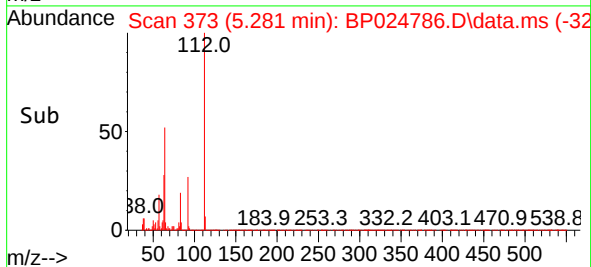
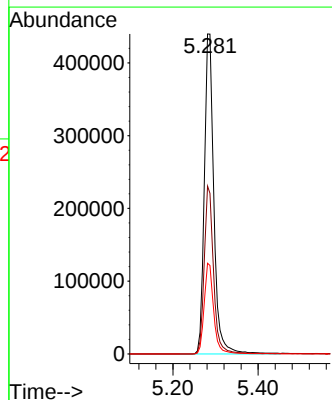
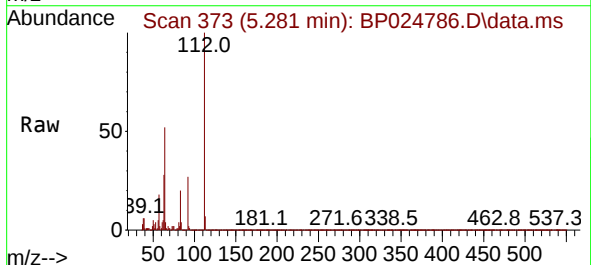


Tgt Ion:152 Resp: 100869
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 115.866 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Tgt Ion:112 Resp: 683318
Ion Ratio Lower Upper
112 100
64 52.5 44.1 66.1
63 28.4 23.5 35.3

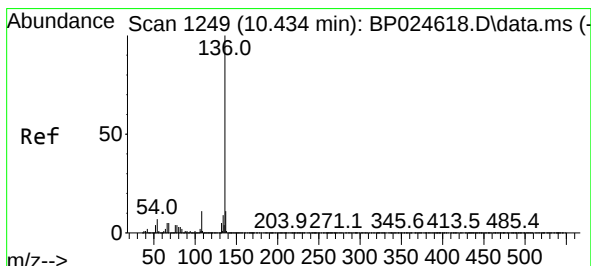
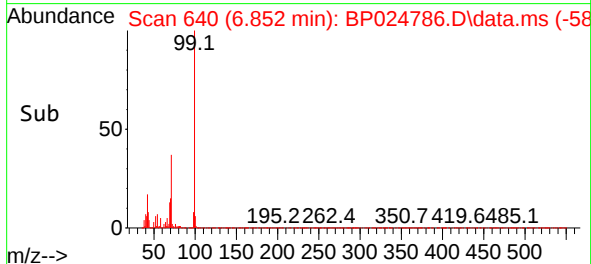
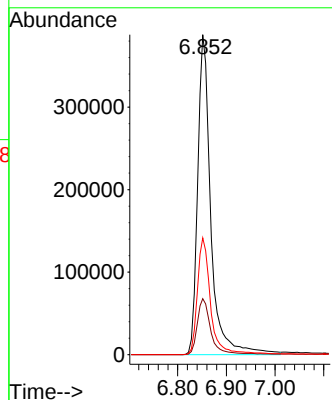
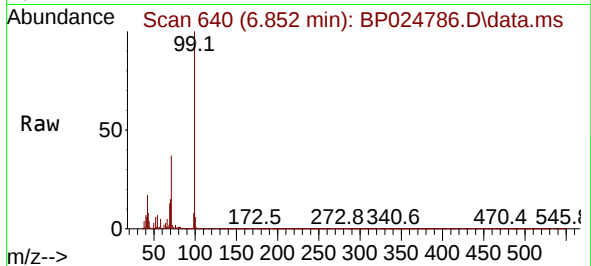




#7
Phenol-d6
Concen: 97.361 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

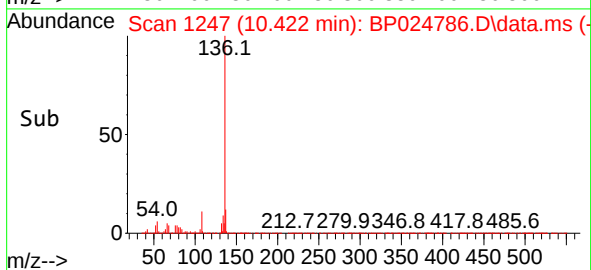
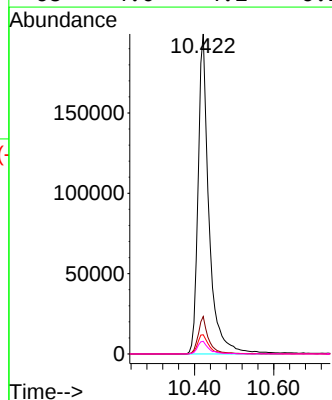
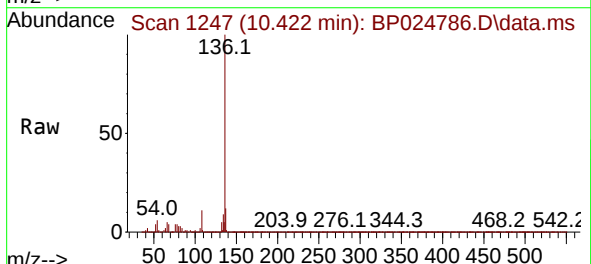
Instrument :
BNA_P
ClientSampleId :

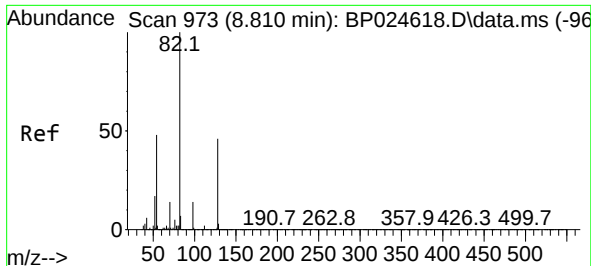
Tgt Ion: 99 Resp: 732819
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Tgt Ion:136 Resp: 379860
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 6.0 5.5 8.3
68 4.0 4.2 6.2

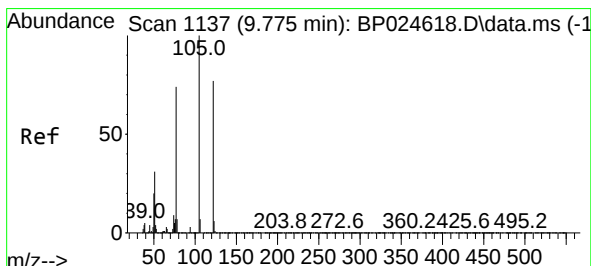
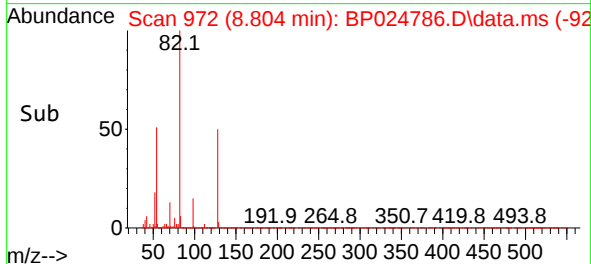
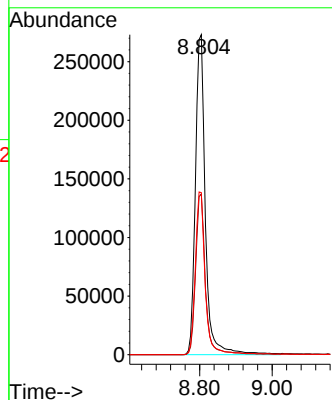
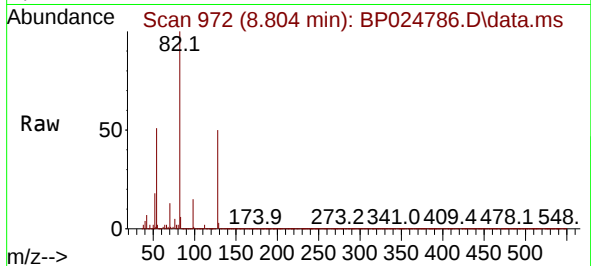




#23
Nitrobenzene-d5
Concen: 69.407 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

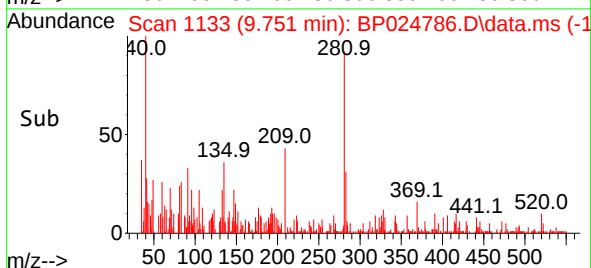
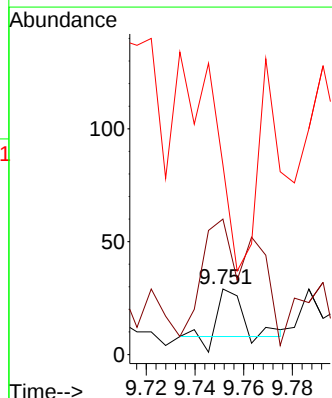
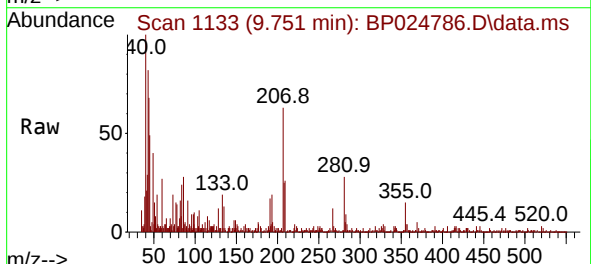
Instrument :
BNA_P
ClientSampleId :

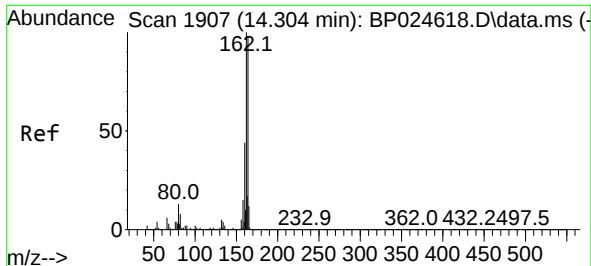
Tgt Ion: 82 Resp: 521802
Ion Ratio Lower Upper
82 100
128 50.2 37.0 55.4
54 50.6 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

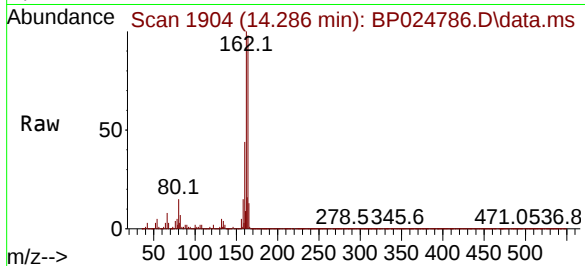
Tgt Ion:122 Resp: 14
Ion Ratio Lower Upper
122 100
105 206.9 106.9 146.9#
77 289.7 75.1 115.1#



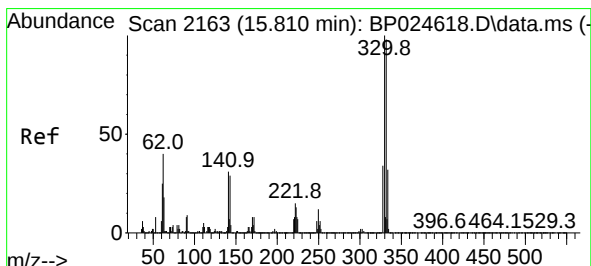
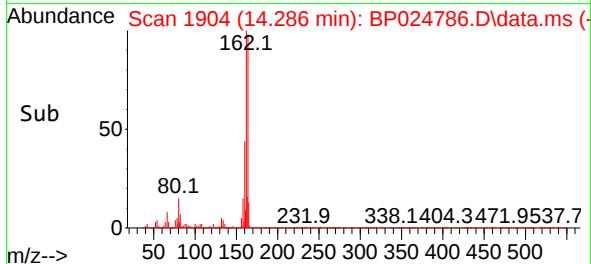
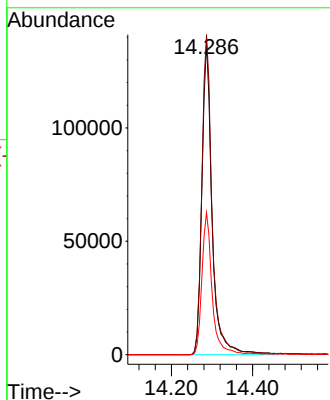


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Instrument :
BNA_P
ClientSampleId :

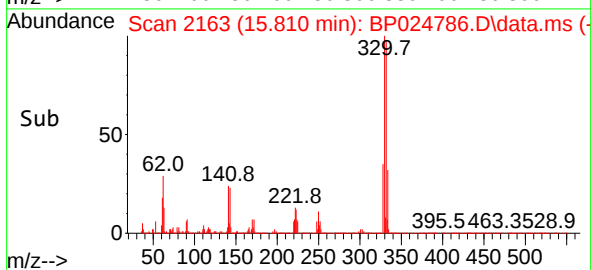
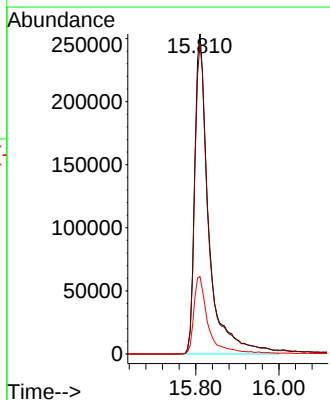
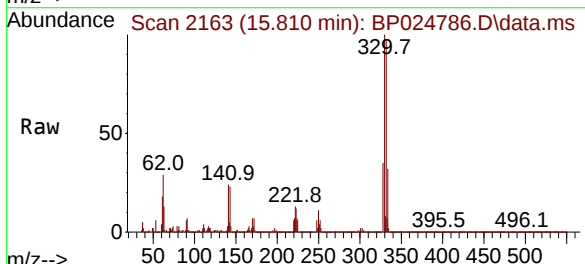


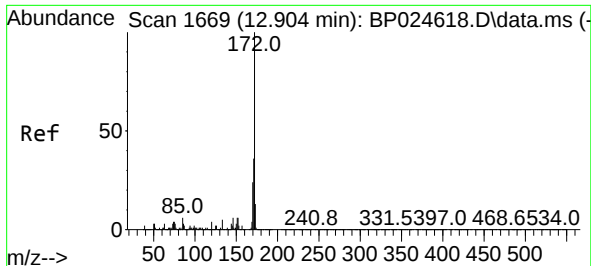
Tgt Ion:164 Resp: 239030
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 148.496 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Tgt Ion:330 Resp: 601742
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 24.3 24.3 36.5#

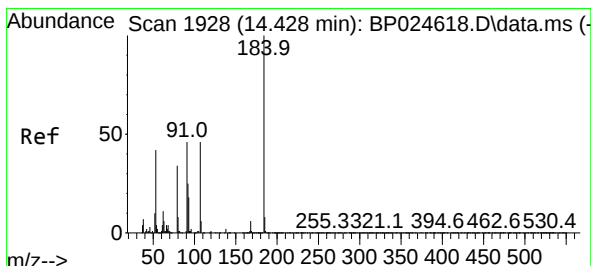
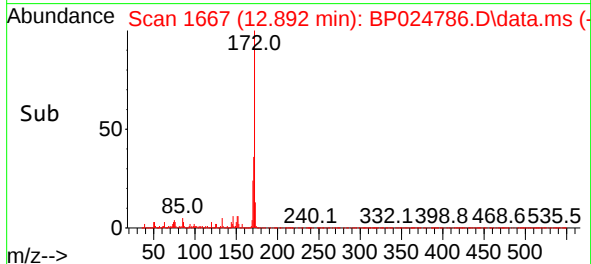
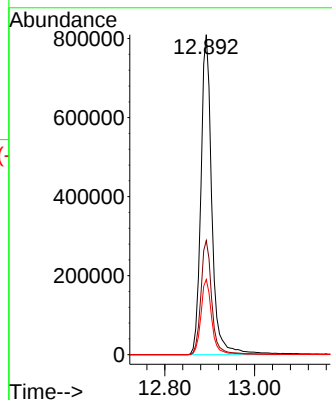
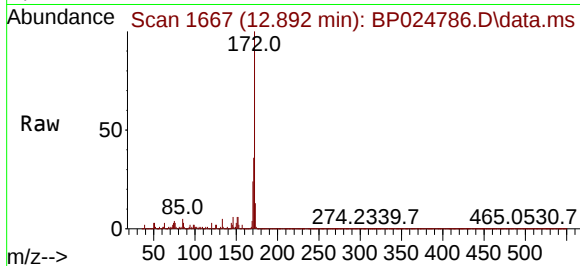




#45
2-Fluorobiphenyl
Concen: 75.143 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

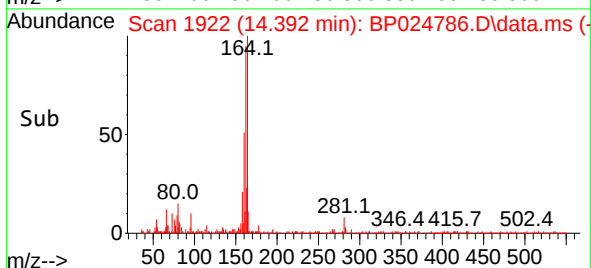
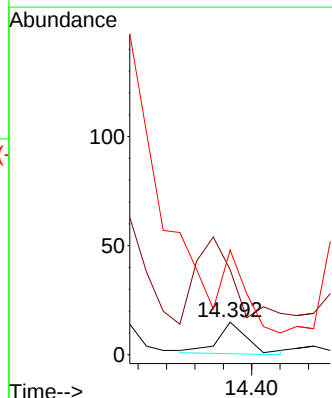
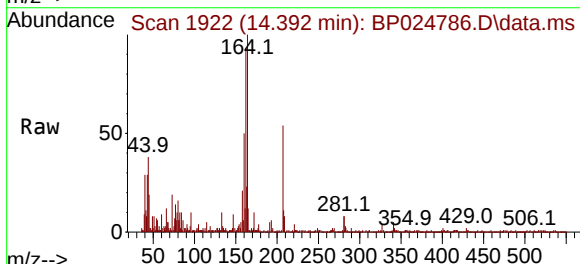
Instrument :
BNA_P
ClientSampleId :

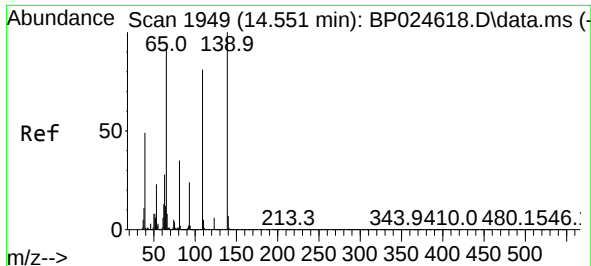
Tgt Ion:172 Resp: 1370979
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.405 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.036 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

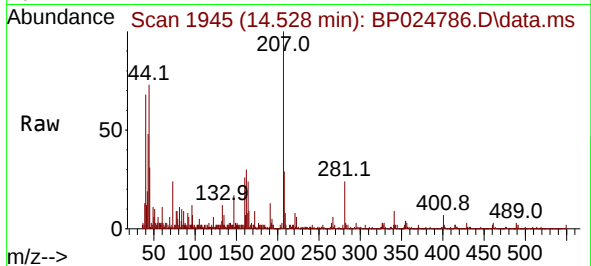
Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 433.3 51.3 76.9#
154 320.0 53.5 80.3#



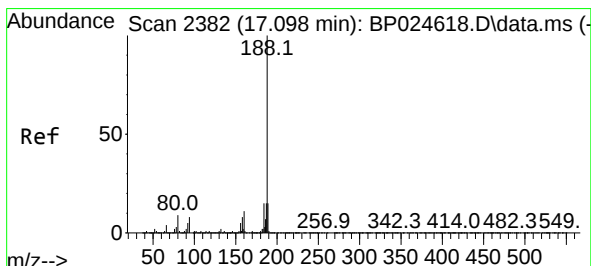
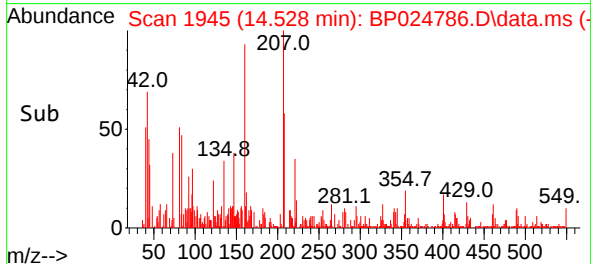
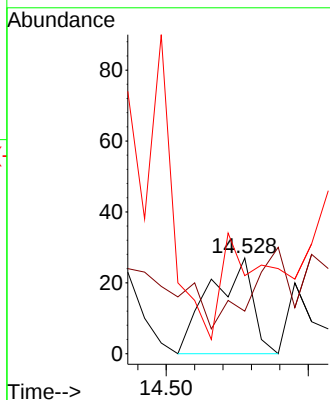


#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.023 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Instrument :
BNA_P
ClientSampleId :

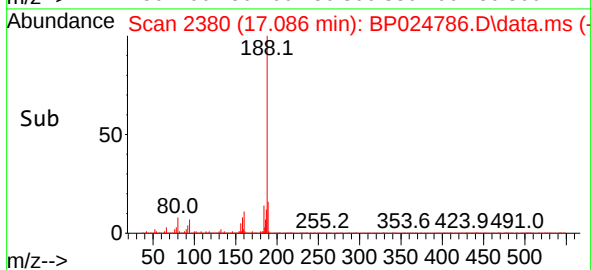
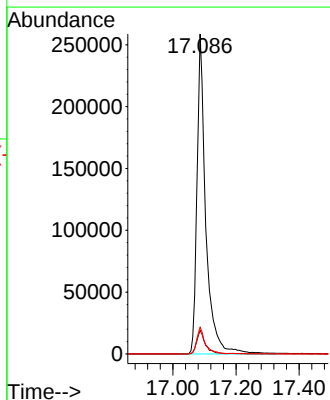
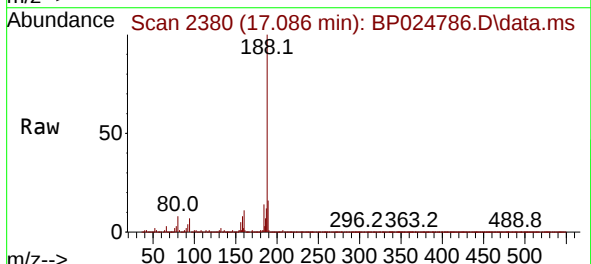


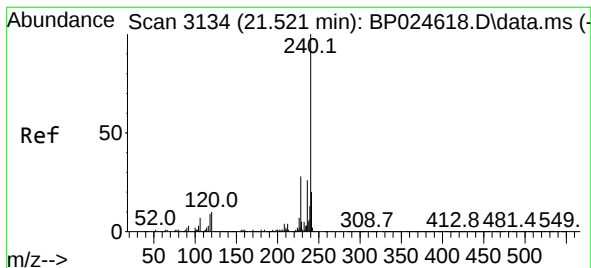
Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 85.2 61.4 101.4
65 81.5 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024786.D
Acq: 23 May 2025 10:00

Tgt Ion:188 Resp: 502408
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BP024786.D

Acq: 23 May 2025 10:00

Instrument :

BNA_P

ClientSampleId :

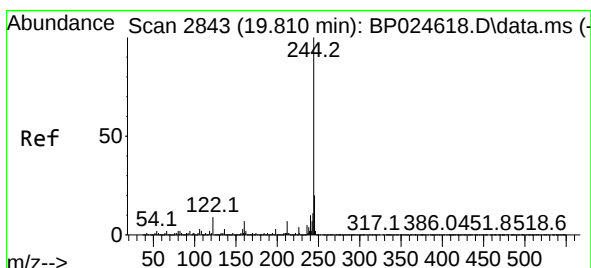
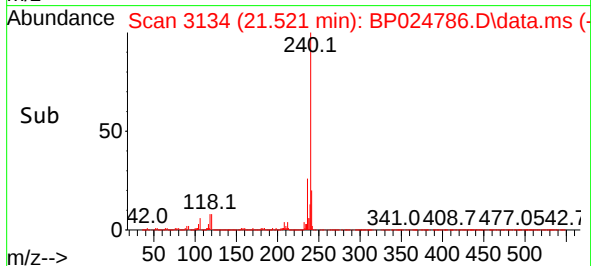
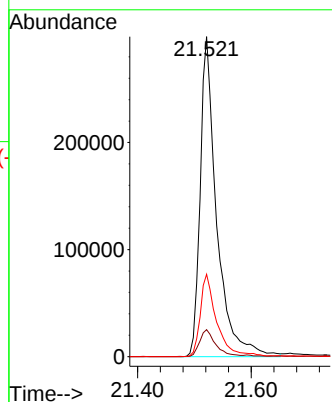
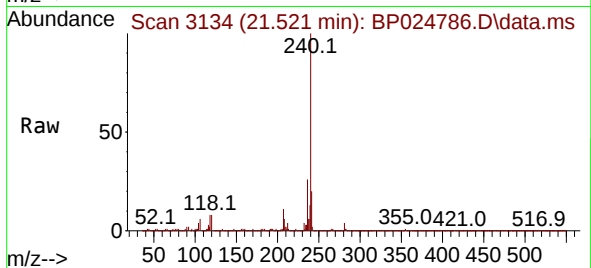
Tgt Ion:240 Resp: 602458

Ion Ratio Lower Upper

240 100

120 8.4 7.8 11.6

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 84.007 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.000 min

Lab File: BP024786.D

Acq: 23 May 2025 10:00

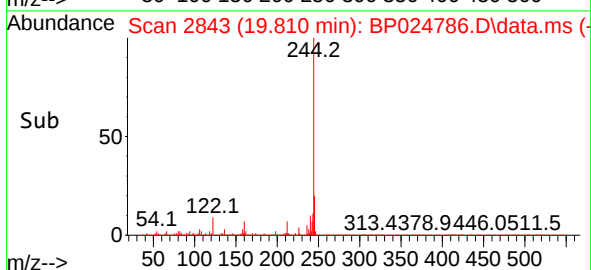
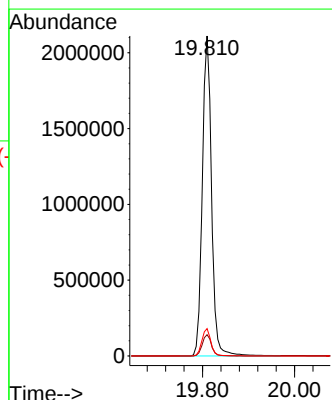
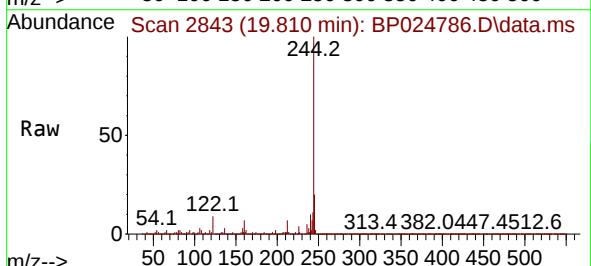
Tgt Ion:244 Resp: 2951581

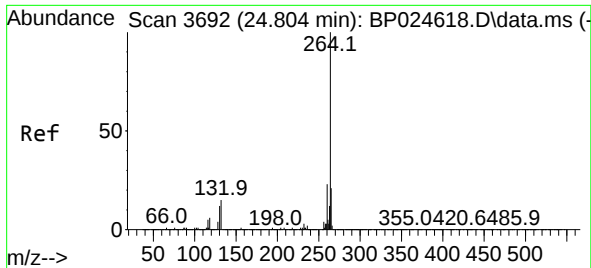
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 8.6 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 30

Delta R.T. 0.012 min

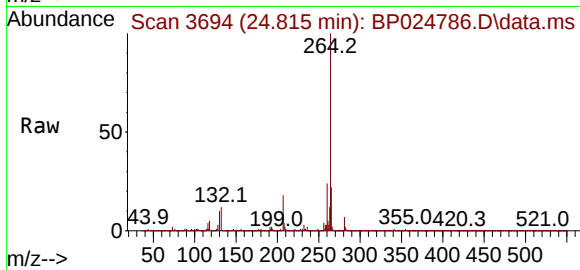
Lab File: BP024786.D

Acq: 23 May 2025 10:00

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 714687

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.9 17.0 25.6

