

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052725\
 Data File : BP024809.D
 Acq On : 27 May 2025 12:24
 Operator : RC/JU
 Sample : PB168129TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168129TB

Quant Time: May 27 12:54:07 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)

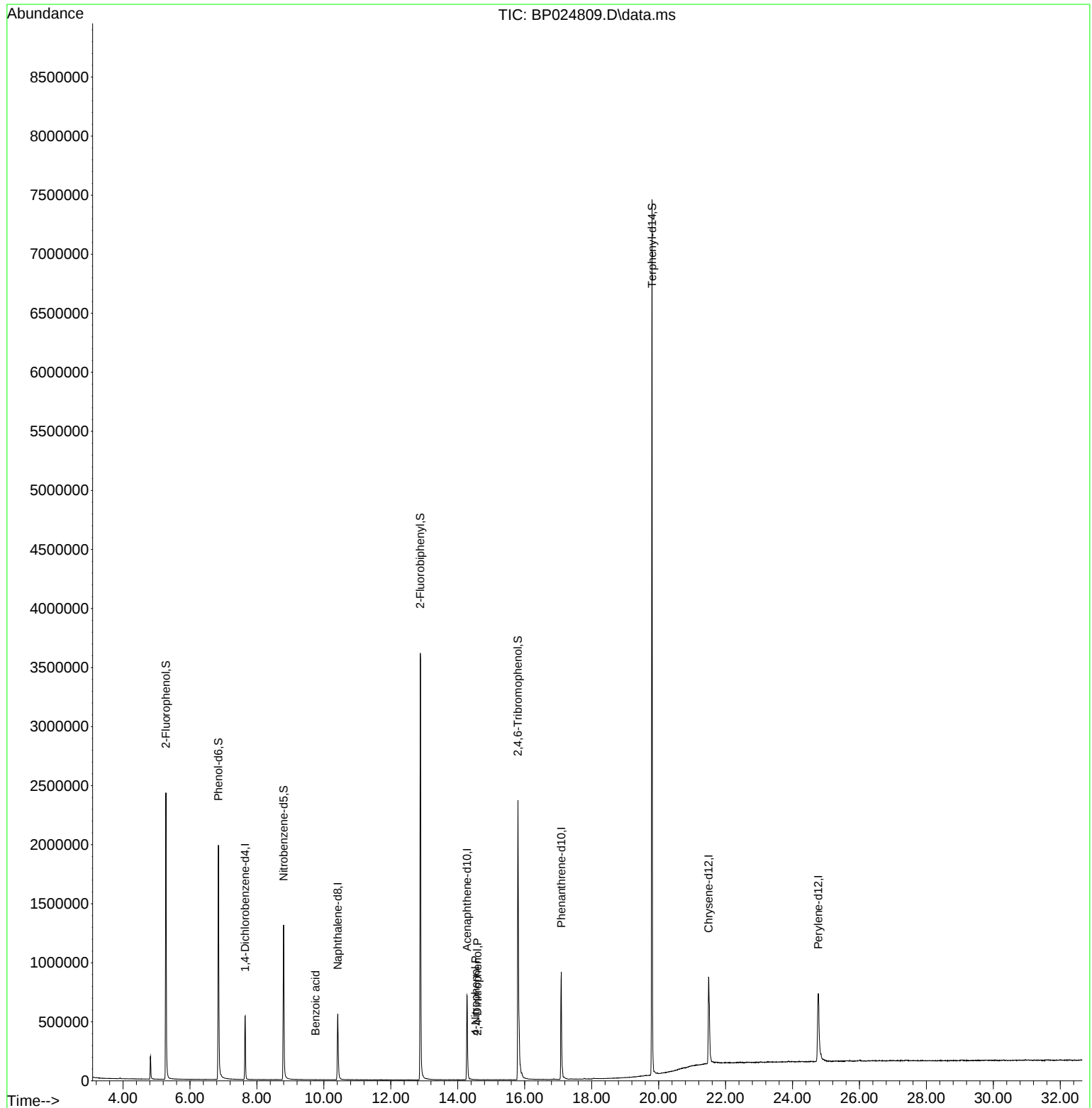
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	153425	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	578536	20.000	ng	-0.02
39) Acenaphthene-d10	14.275	164	330000	20.000	ng	-0.03
64) Phenanthrene-d10	17.092	188	658003	20.000	ng	0.00
76) Chrysene-d12	21.492	240	741784	20.000	ng	-0.03
86) Perylene-d12	24.768	264	811588	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	1143469	127.473	ng	0.00
7) Phenol-d6	6.852	99	1311911	114.592	ng	0.00
23) Nitrobenzene-d5	8.799	82	802567	70.092	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	748801	133.847	ng	-0.01
45) 2-Fluorobiphenyl	12.881	172	1980419	78.624	ng	-0.02
79) Terphenyl-d14	19.804	244	3668282	84.795	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.752	122	36	7.473	ng	# 1
54) 2,4-Dinitrophenol	14.587	184	12	6.404	ng	90
56) 4-Nitrophenol	14.534	139	20	4.238	ng	89

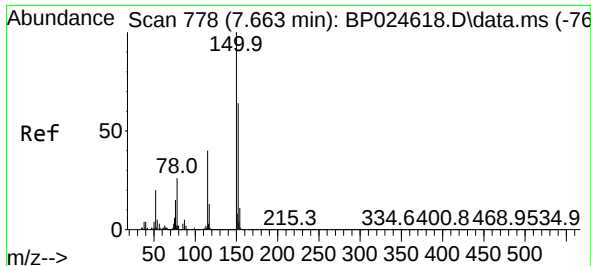
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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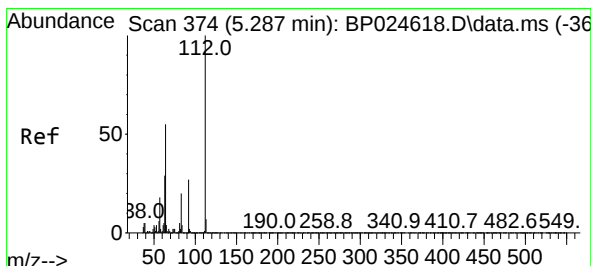
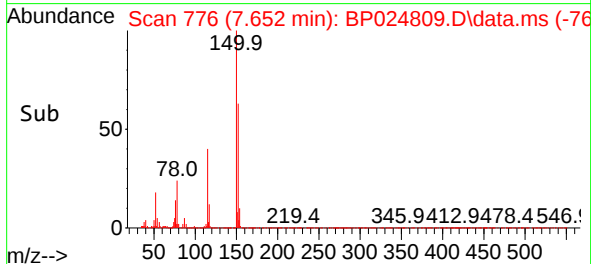
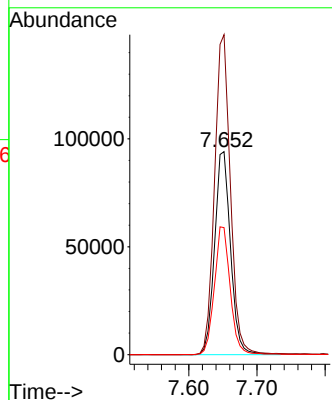
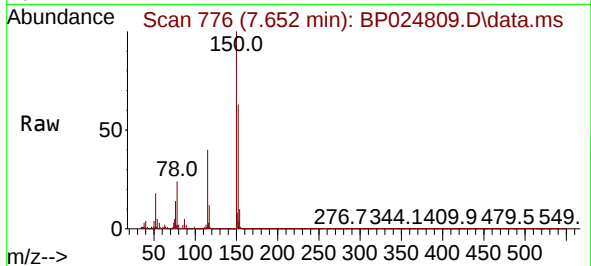




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

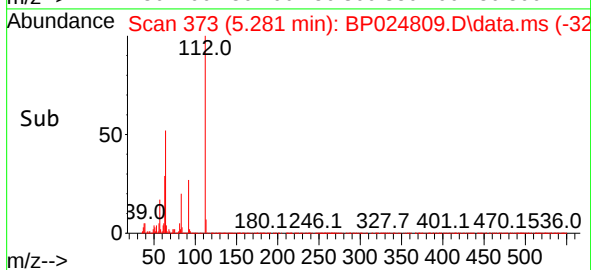
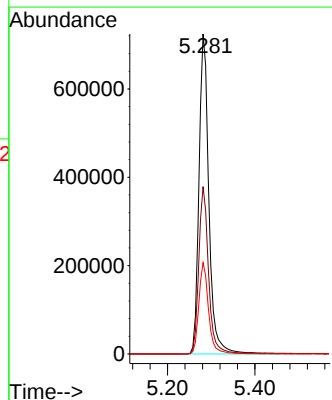
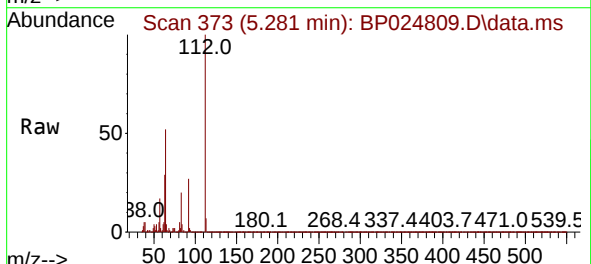
Instrument :
BNA_P
ClientSampleId :
PB168129TB

Tgt Ion:152 Resp: 153425
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 62.6 50.1 75.1



#5
2-Fluorophenol
Concen: 127.473 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

Tgt Ion:112 Resp: 1143469
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.6 23.5 35.3

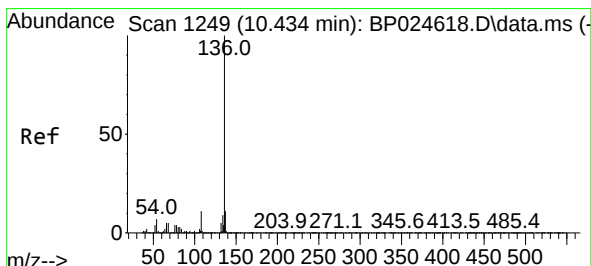
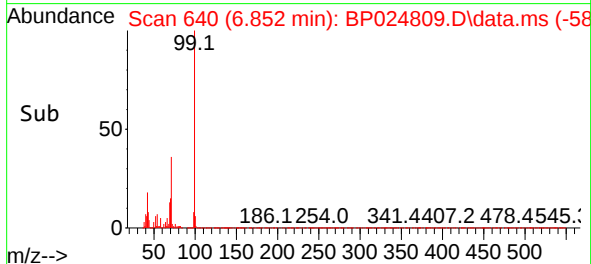
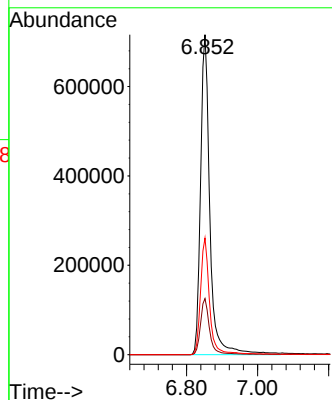
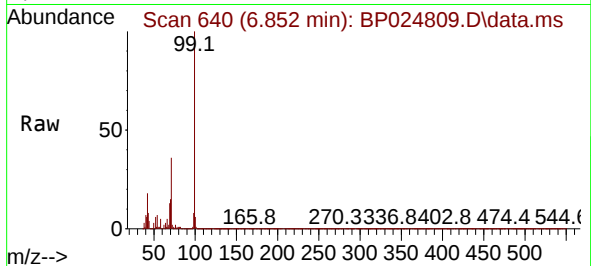




#7
Phenol-d6
Concen: 114.592 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

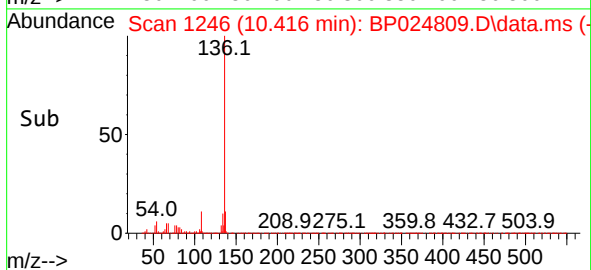
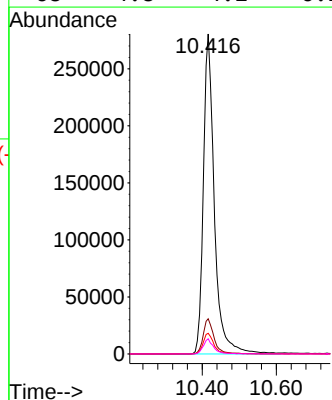
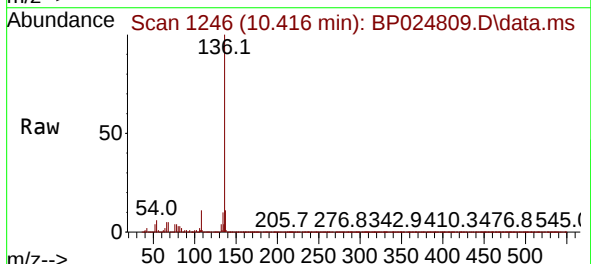
Instrument :
BNA_P
ClientSampleId :
PB168129TB

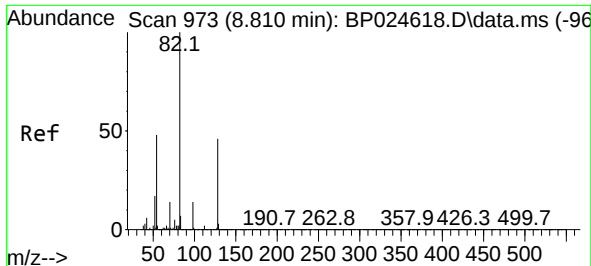
Tgt Ion: 99 Resp: 1311911
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

Tgt Ion: 136 Resp: 578536
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.5 8.3
68 4.8 4.2 6.2

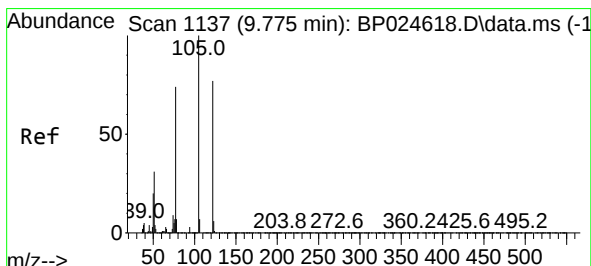
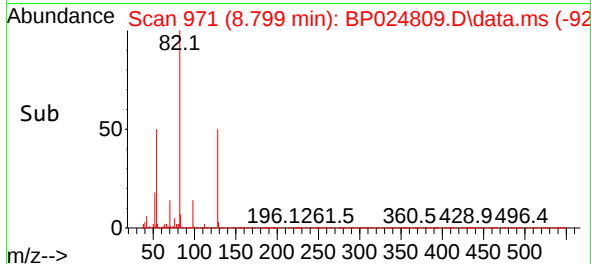
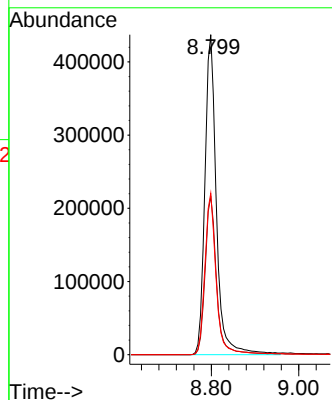
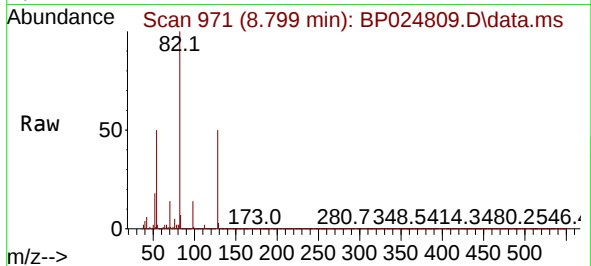




#23
Nitrobenzene-d5
Concen: 70.092 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

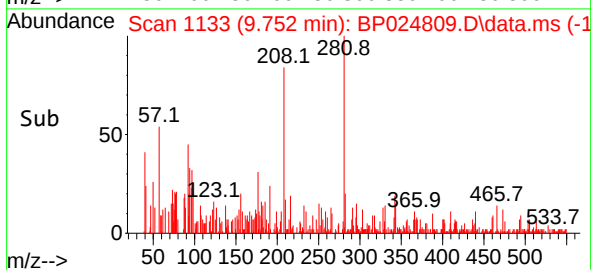
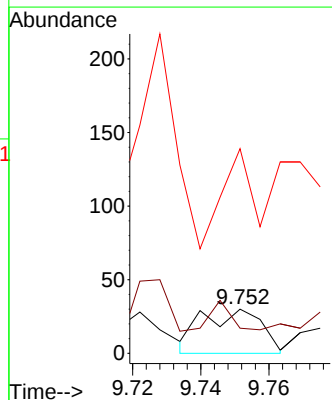
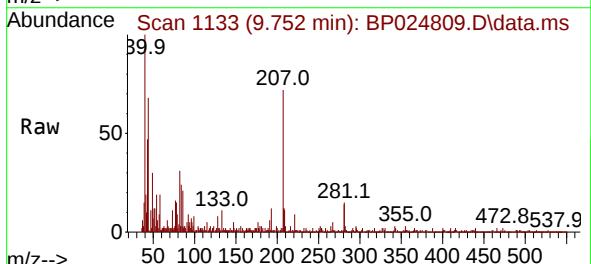
Instrument :
BNA_P
ClientSampleId :
PB168129TB

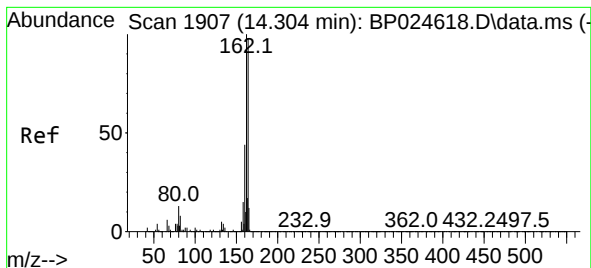
Tgt Ion: 82 Resp: 802567
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 50.4 38.7 58.1



#32
Benzoic acid
Concen: 7.473 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 56.7 106.9 146.9#
77 463.3 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1907

Delta R.T. -0.029 min

Lab File: BP024809.D

Acq: 27 May 2025 12:24

Instrument :

BNA_P

ClientSampleId :

PB168129TB

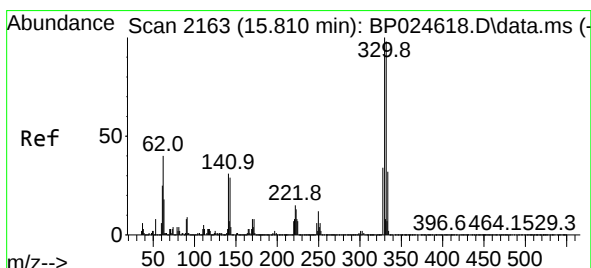
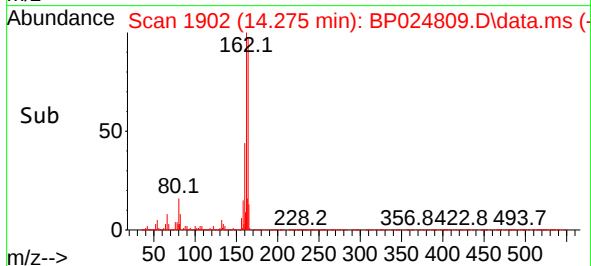
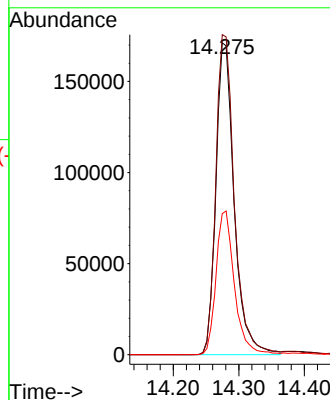
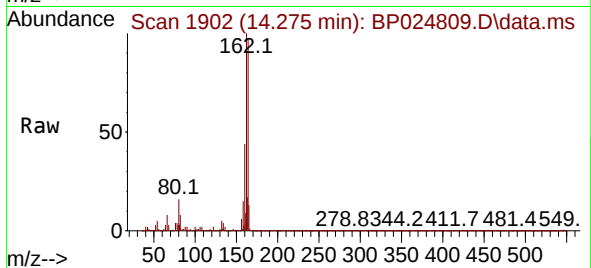
Tgt Ion:164 Resp: 330000

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 133.847 ng

RT: 15.798 min Scan# 2161

Delta R.T. -0.012 min

Lab File: BP024809.D

Acq: 27 May 2025 12:24

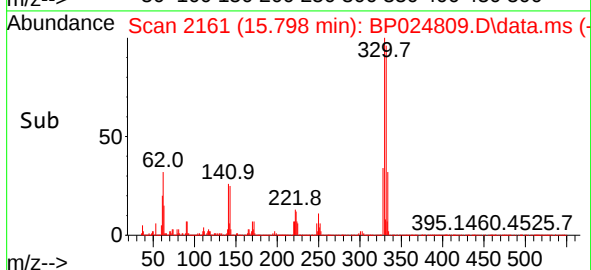
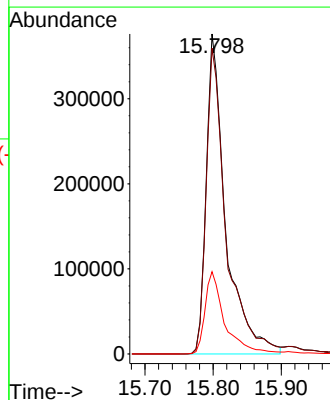
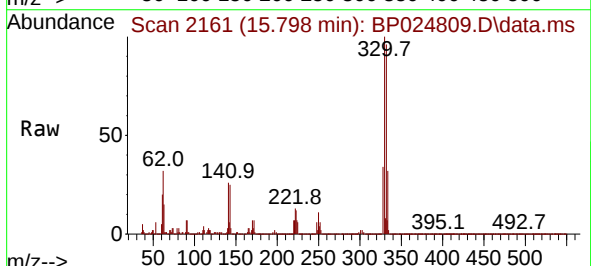
Tgt Ion:330 Resp: 748801

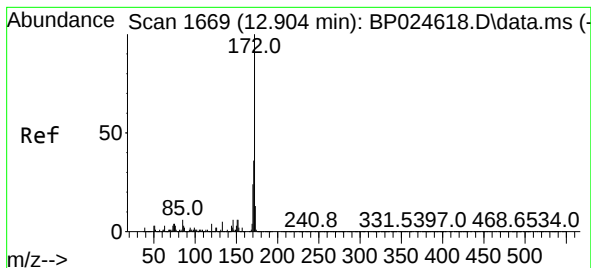
Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 26.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.624 ng

RT: 12.881 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP024809.D

Acq: 27 May 2025 12:24

Instrument :

BNA_P

ClientSampleId :

PB168129TB

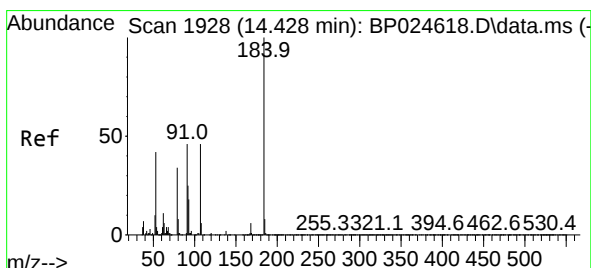
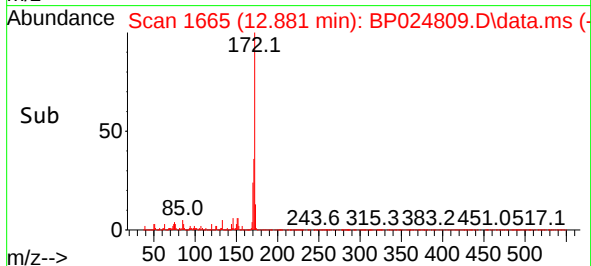
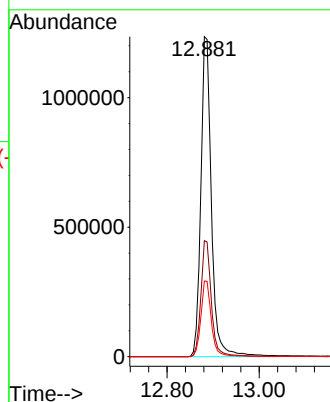
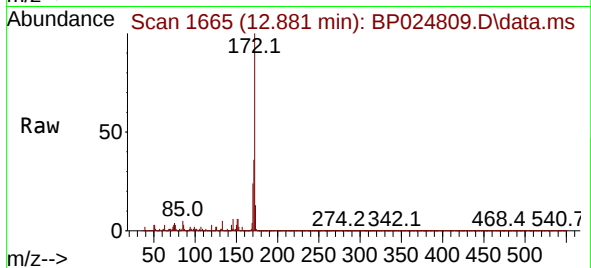
Tgt Ion:172 Resp: 1980419

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.587 min Scan# 1955

Delta R.T. 0.159 min

Lab File: BP024809.D

Acq: 27 May 2025 12:24

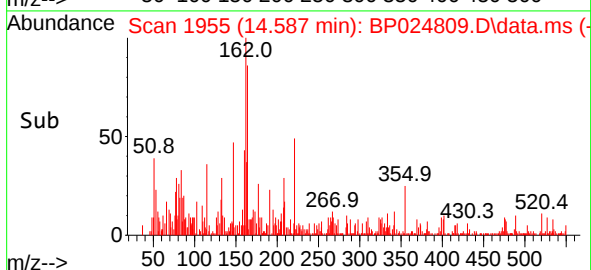
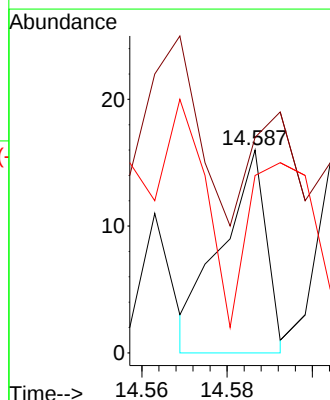
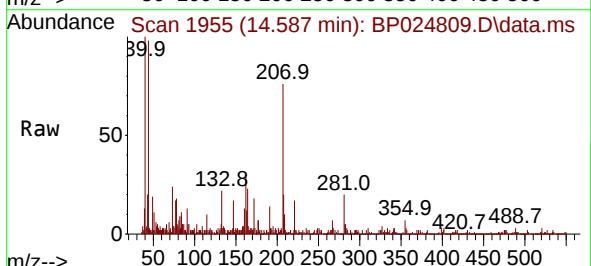
Tgt Ion:184 Resp: 12

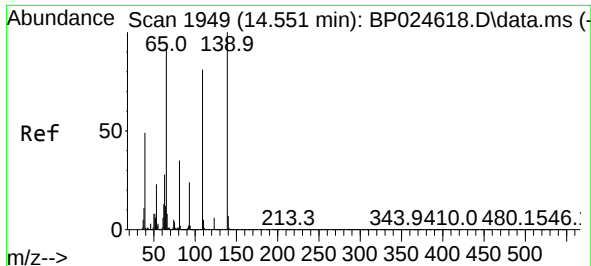
Ion Ratio Lower Upper

184 100

63 73.9 51.3 76.9

154 60.9 53.5 80.3

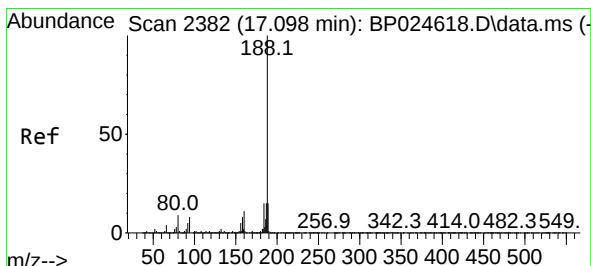
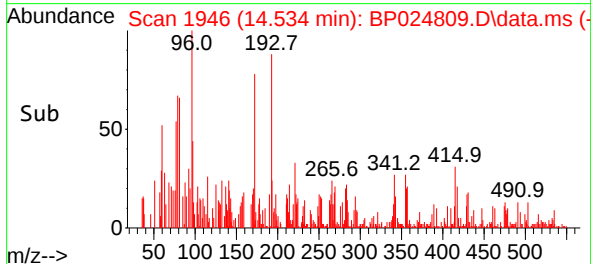
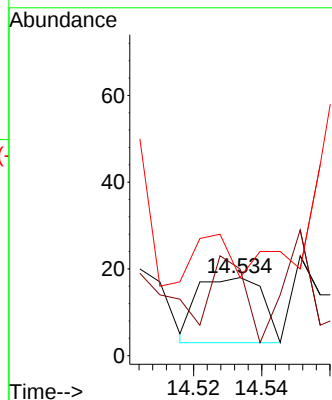
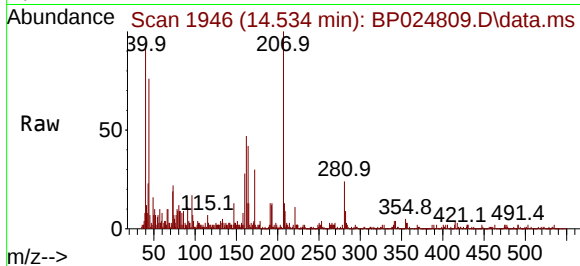




#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

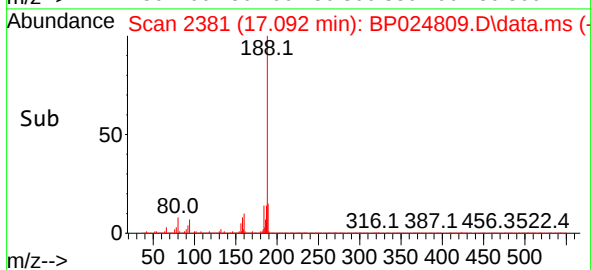
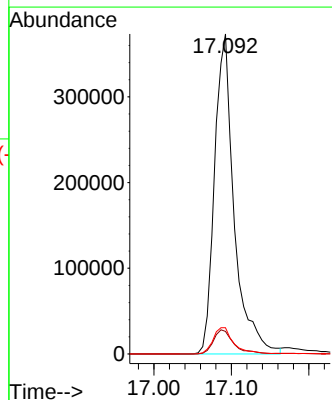
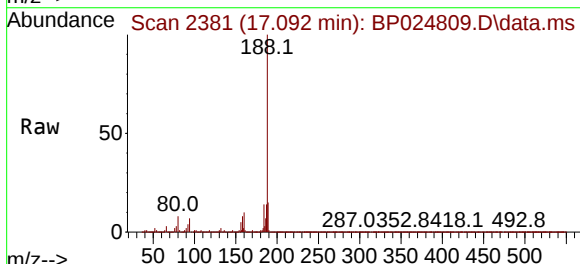
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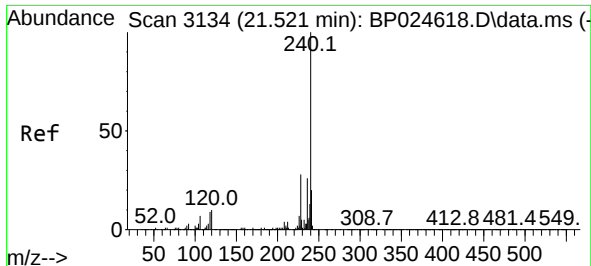
Tgt Ion:	139	Resp:	20
Ion	Ratio	Lower	Upper
139	100		
109	100.0	61.4	101.4
65	90.0	72.2	112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

Tgt Ion:	188	Resp:	658003
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.5	9.7
80	8.2	7.3	10.9

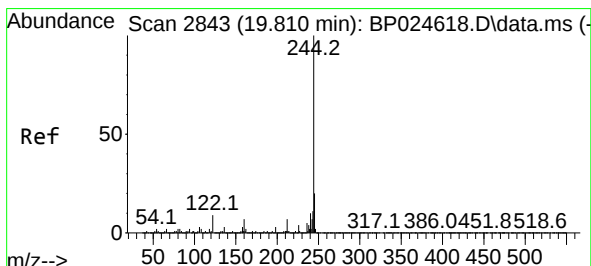
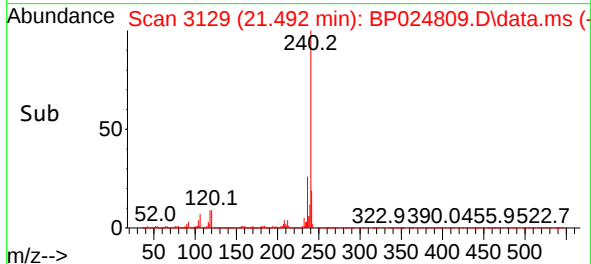
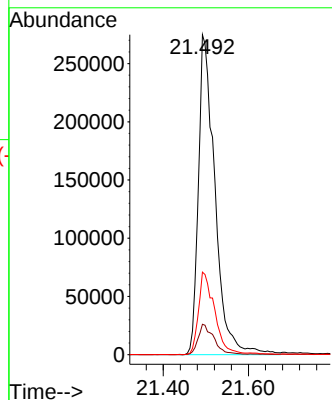
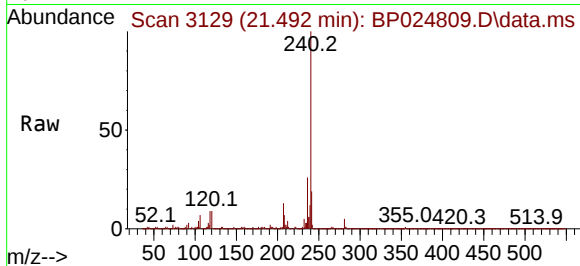




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3134
Delta R.T. -0.029 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

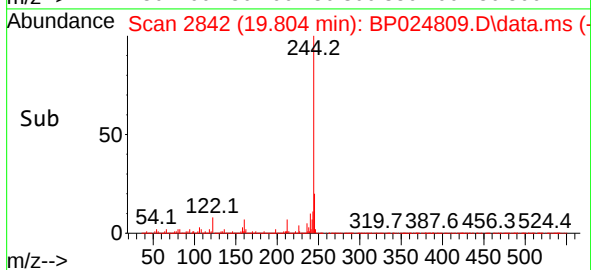
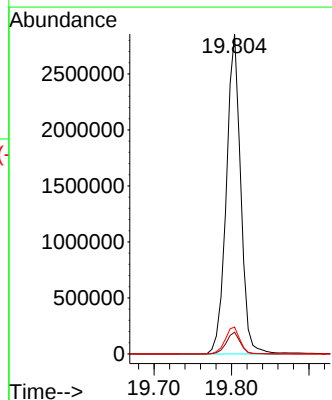
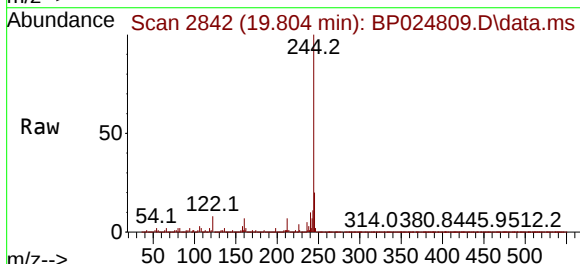
Instrument :
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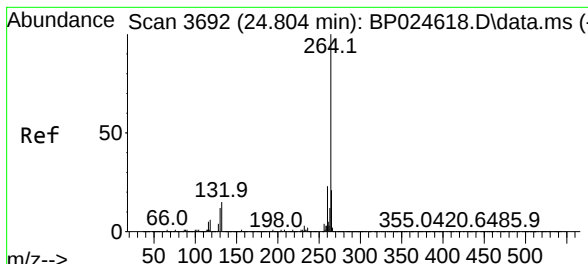
Tgt Ion:240 Resp: 741784
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 84.795 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024809.D
Acq: 27 May 2025 12:24

Tgt Ion:244 Resp: 3668282
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.4 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.768 min Scan# 30
 Delta R.T. -0.035 min
 Lab File: BP024809.D
 Acq: 27 May 2025 12:24

Instrument :
 BNA_P
 ClientSampleId :
 PB168129TB

Tgt Ion:264 Resp: 811588
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 22.5 17.0 25.6

