

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024828.D
 Acq On : 29 May 2025 14:00
 Operator : RC/JU
 Sample : PB168158TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168158TB

Quant Time: May 29 14:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

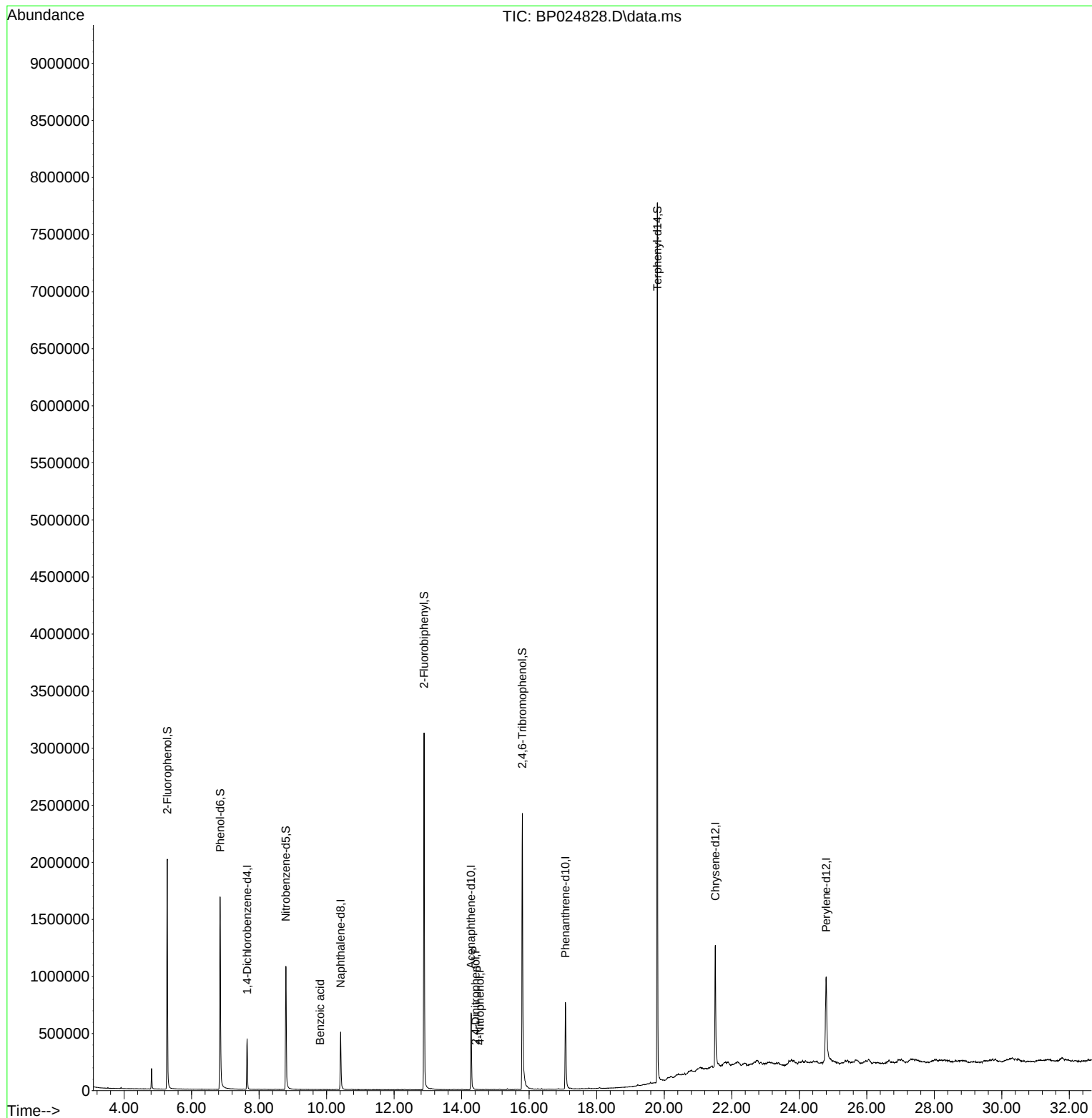
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	118932	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	455866	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	274513	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	591718	20.000	ng	0.01
76) Chrysene-d12	21.516	240	783756	20.000	ng	0.02
86) Perylene-d12	24.798	264	939823	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	954288	137.237	ng	0.00
7) Phenol-d6	6.846	99	1114484	125.580	ng	0.00
23) Nitrobenzene-d5	8.793	82	667900	74.028	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	735538	158.051	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1688875	80.602	ng	0.00
79) Terphenyl-d14	19.798	244	3727908	81.559	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.805	122	55	7.478	ng	# 39
54) 2,4-Dinitrophenol	14.410	184	20	6.408	ng	# 1
56) 4-Nitrophenol	14.540	139	31	4.242	ng	# 72

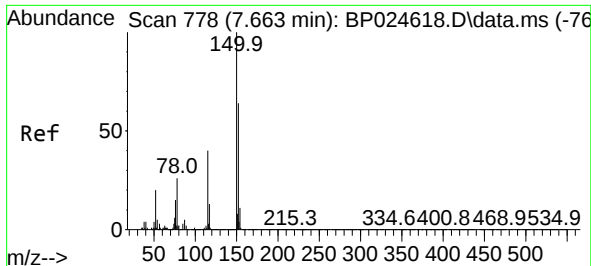
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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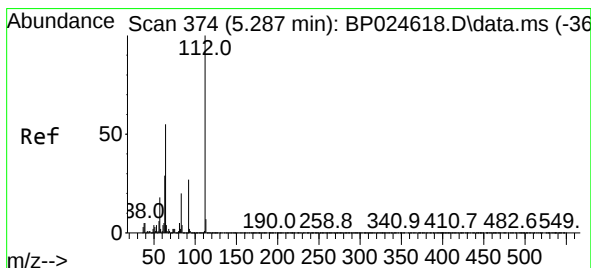
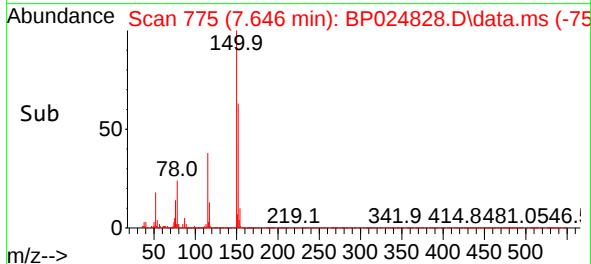
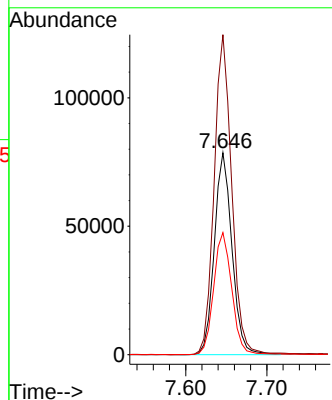
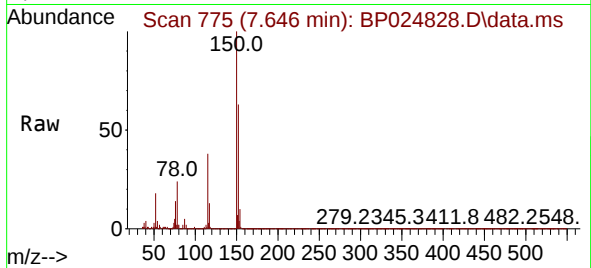




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

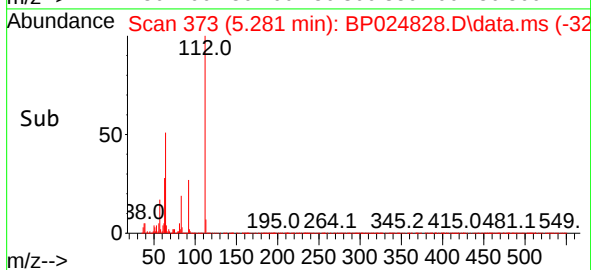
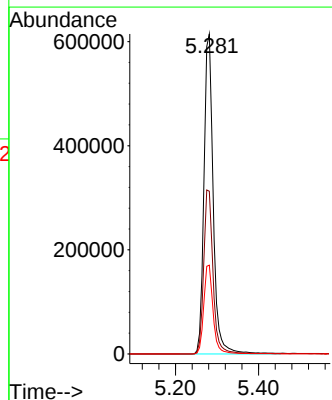
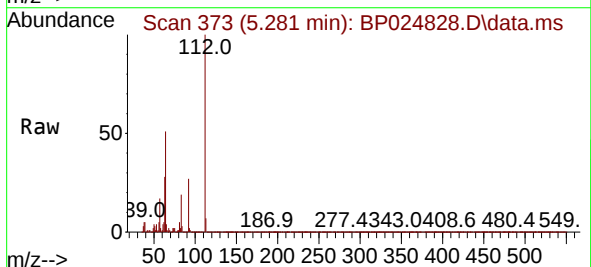
Instrument :
BNA_P
ClientSampleId :
PB168158TB

Tgt Ion:152 Resp: 118932
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 60.5 50.1 75.1



#5
2-Fluorophenol
Concen: 137.237 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

Tgt Ion:112 Resp: 954288
Ion Ratio Lower Upper
112 100
64 50.8 44.1 66.1
63 27.8 23.5 35.3

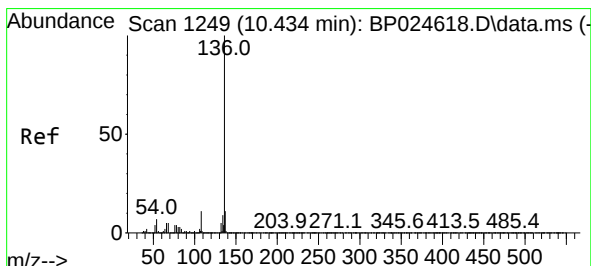
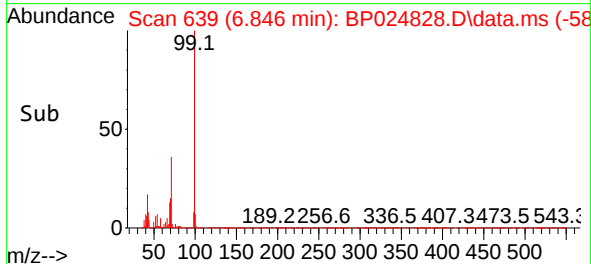
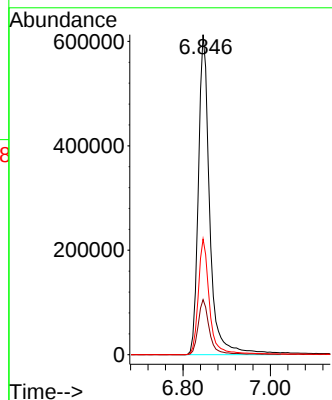
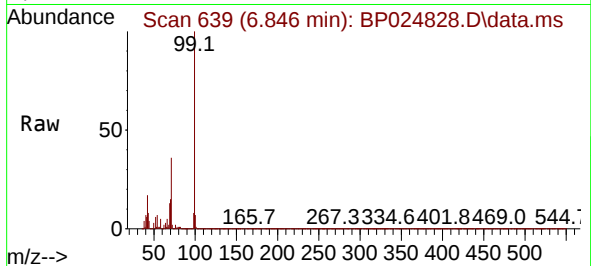




#7
Phenol-d6
Concen: 125.580 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

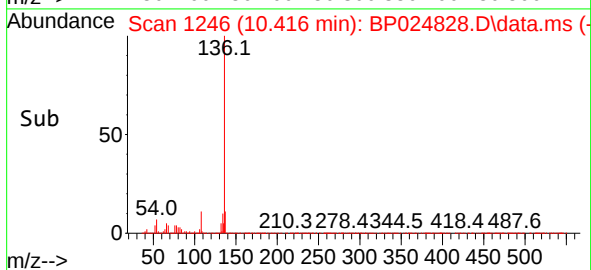
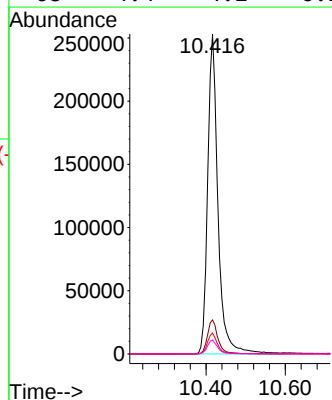
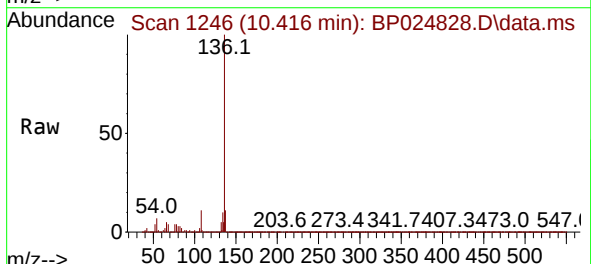
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BNA_P
ClientSampleId :
PB168158TB

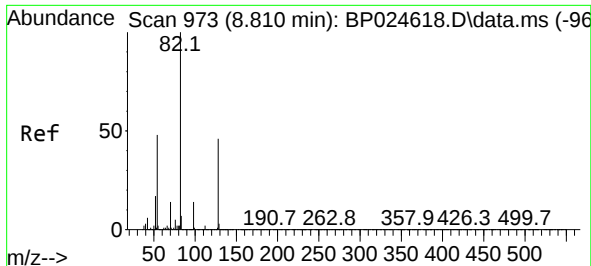
Tgt Ion: 99 Resp: 1114484
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

Tgt Ion:136 Resp: 455866
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.5 5.5 8.3
68 4.4 4.2 6.2

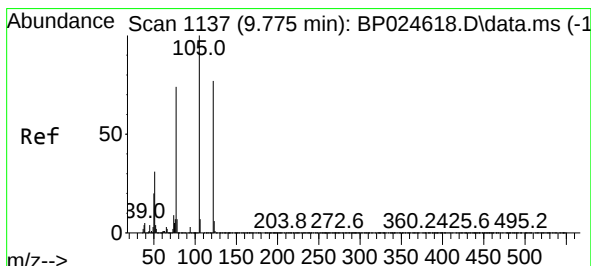
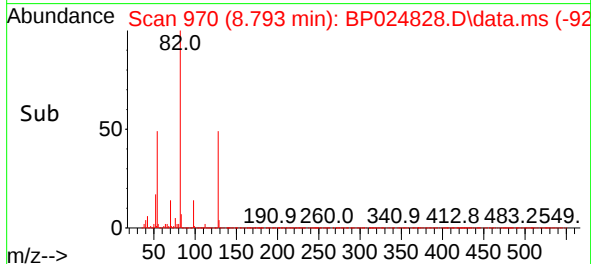
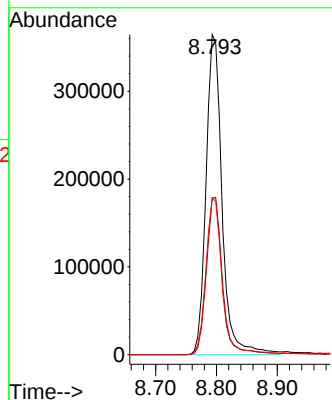
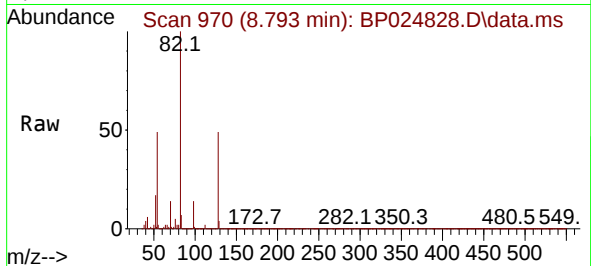




#23
Nitrobenzene-d5
Concen: 74.028 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

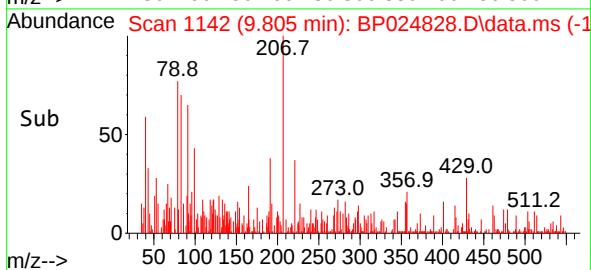
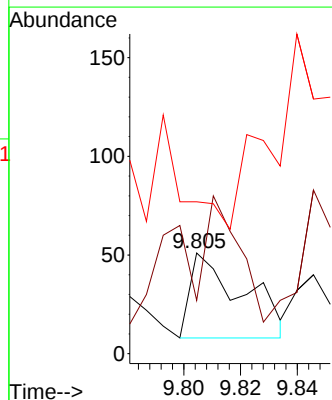
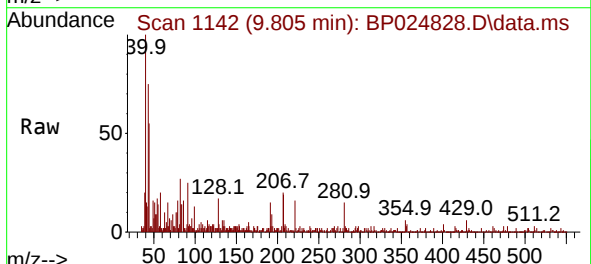
Instrument :
BNA_P
ClientSampleId :
PB168158TB

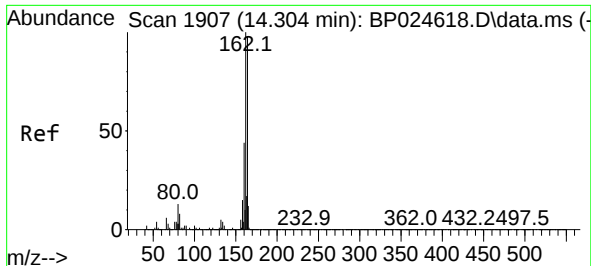
Tgt Ion: 82 Resp: 667900
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 49.1 38.7 58.1



#32
Benzoic acid
Concen: 7.478 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 52.9 106.9 146.9#
77 151.0 75.1 115.1#

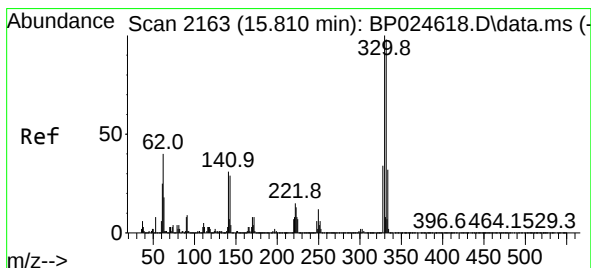
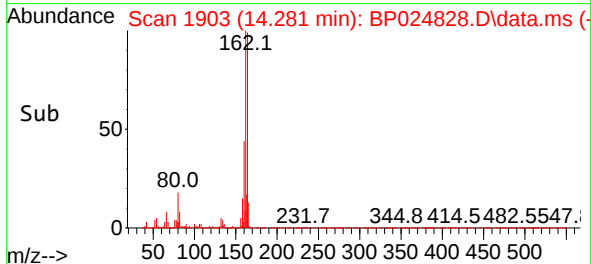
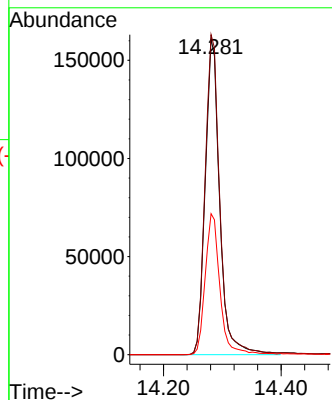
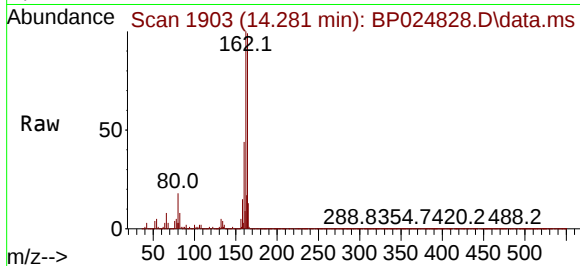




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

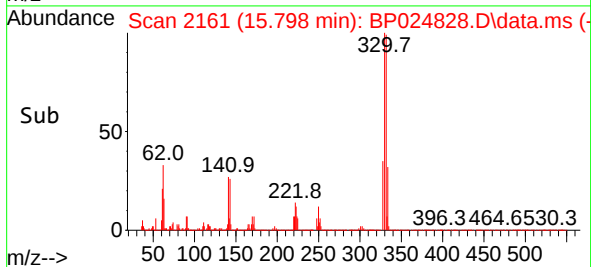
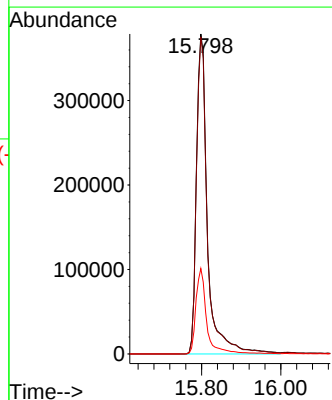
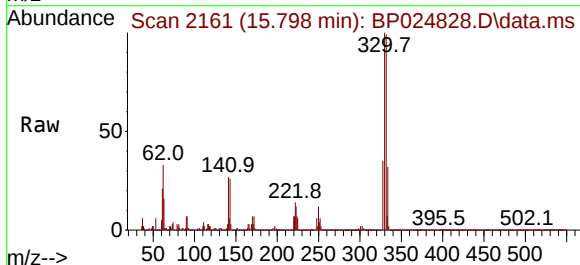
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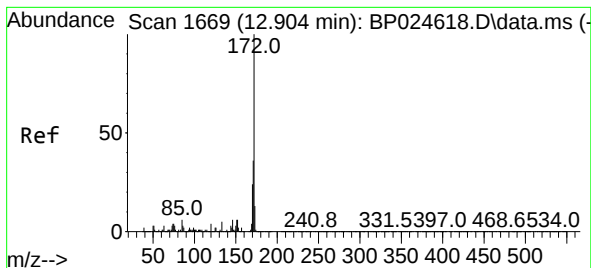
Tgt Ion:164 Resp: 274513
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 44.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 158.051 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

Tgt Ion:330 Resp: 735538
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 26.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.602 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024828.D

Acq: 29 May 2025 14:00

Instrument :

BNA_P

ClientSampleId :

PB168158TB

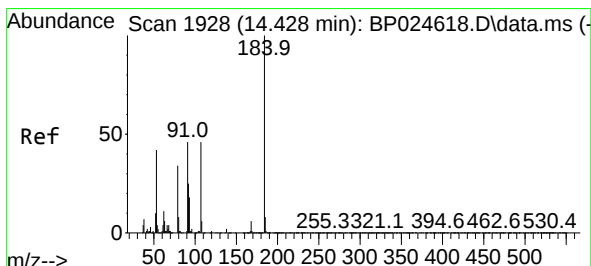
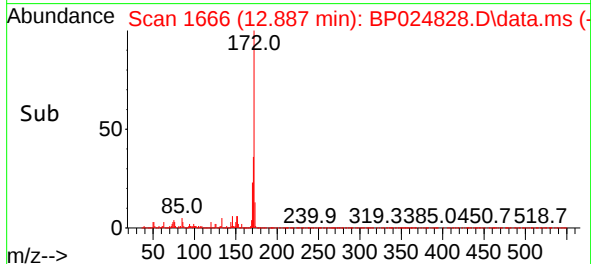
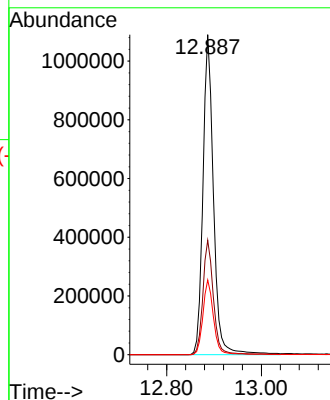
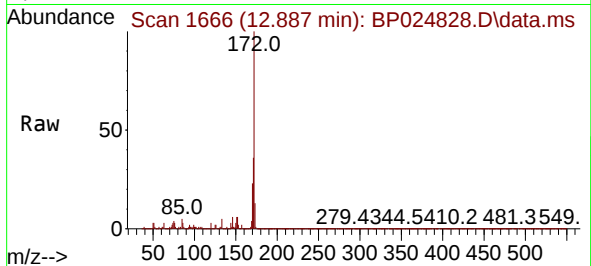
Tgt Ion:172 Resp: 1688875

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.408 ng

RT: 14.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BP024828.D

Acq: 29 May 2025 14:00

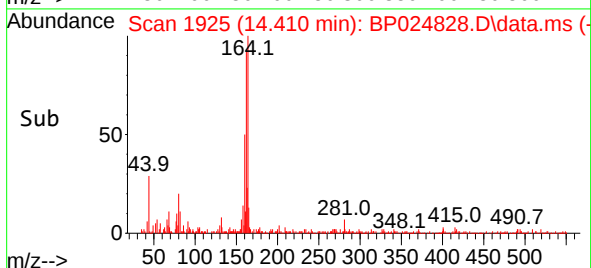
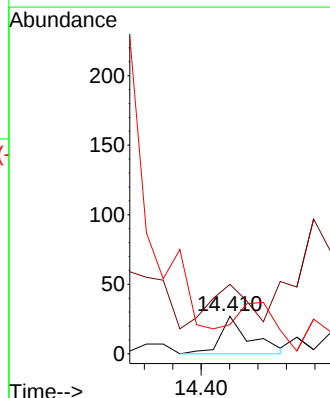
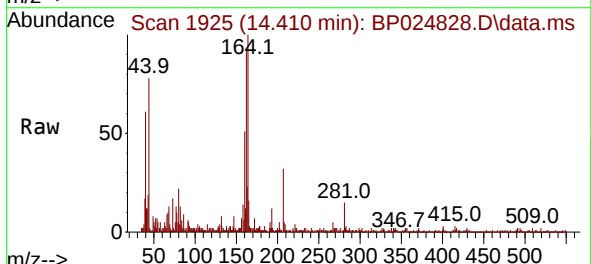
Tgt Ion:184 Resp: 20

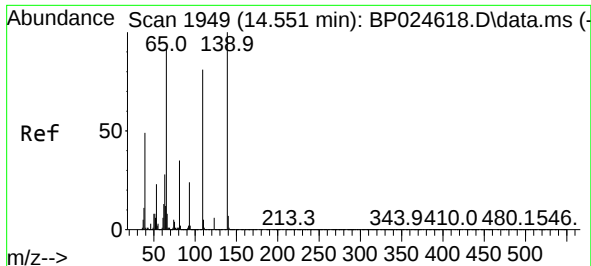
Ion Ratio Lower Upper

184 100

63 185.2 51.3 76.9#

154 166.7 53.5 80.3#

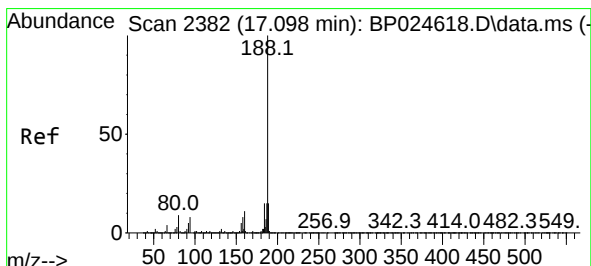
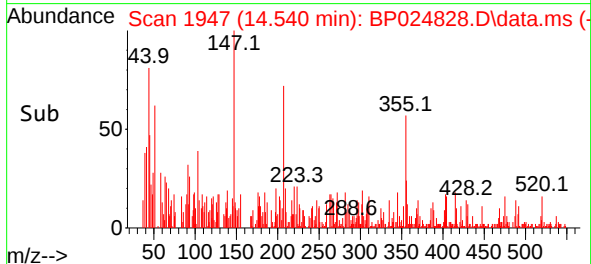
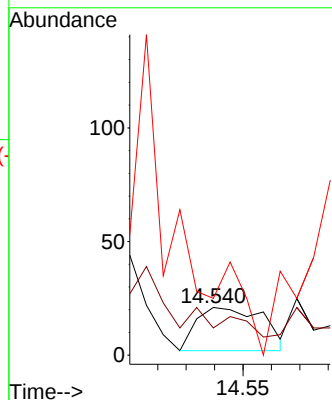
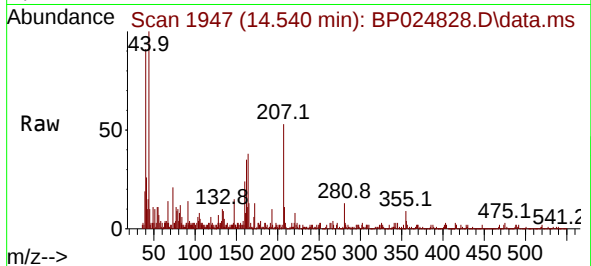




#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.017 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

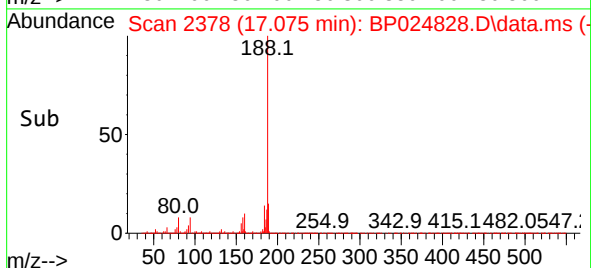
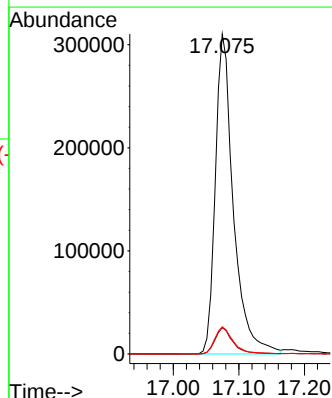
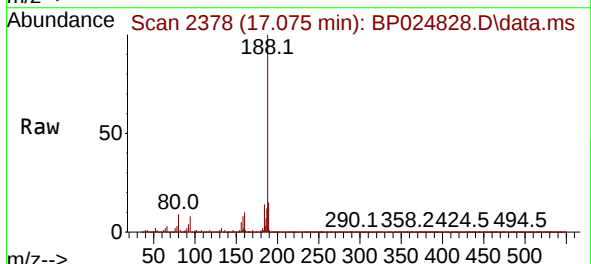
Instrument :
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PB168158TB

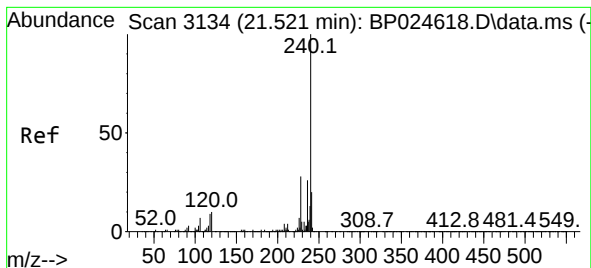
Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 57.1 61.4 101.4#
65 119.0 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024828.D
Acq: 29 May 2025 14:00

Tgt Ion:188 Resp: 591718
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024828.D

Acq: 29 May 2025 14:00

Instrument :

BNA_P

ClientSampleId :

PB168158TB

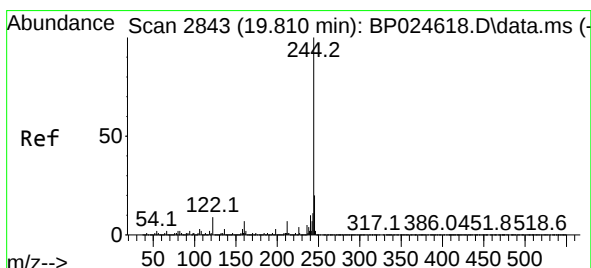
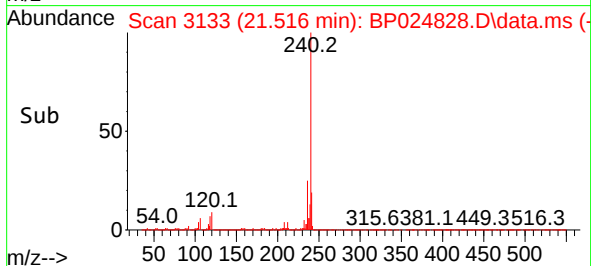
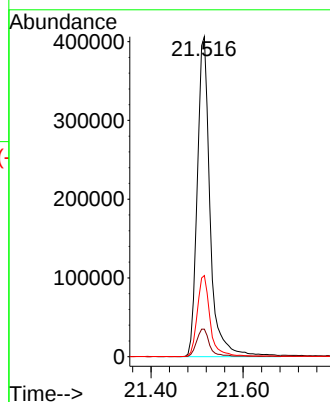
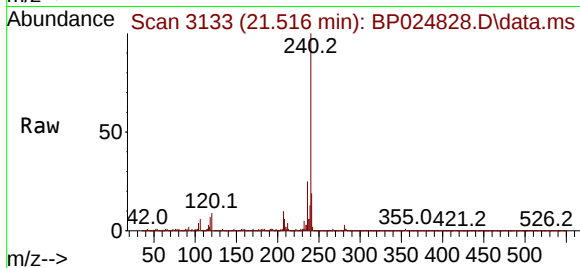
Tgt Ion:240 Resp: 783756

Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 81.559 ng

RT: 19.798 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP024828.D

Acq: 29 May 2025 14:00

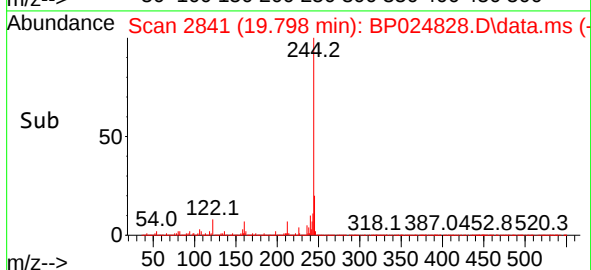
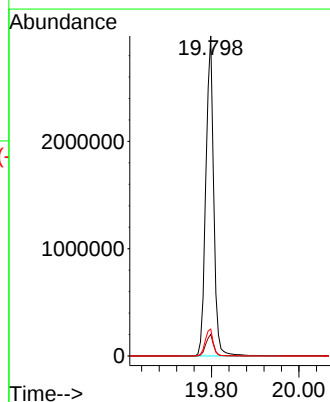
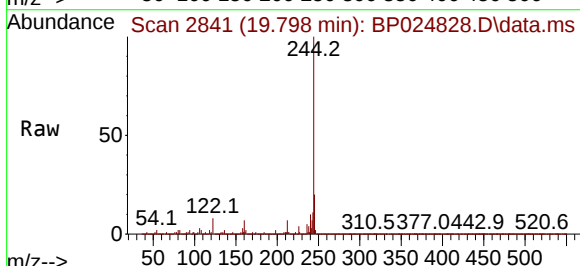
Tgt Ion:244 Resp: 3727908

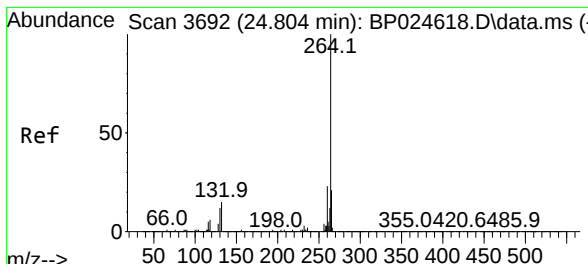
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.4 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. 0.053 min
 Lab File: BP024828.D
 Acq: 29 May 2025 14:00

Instrument :
 BNA_P
 ClientSampleId :
 PB168158TB

Tgt Ion:264 Resp: 939823
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.6 17.0 25.6

