

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024635.D
 Acq On : 15 May 2025 13:05
 Operator : RC/JU
 Sample : PB167973BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167973BL

Quant Time: May 15 13:42:00 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)

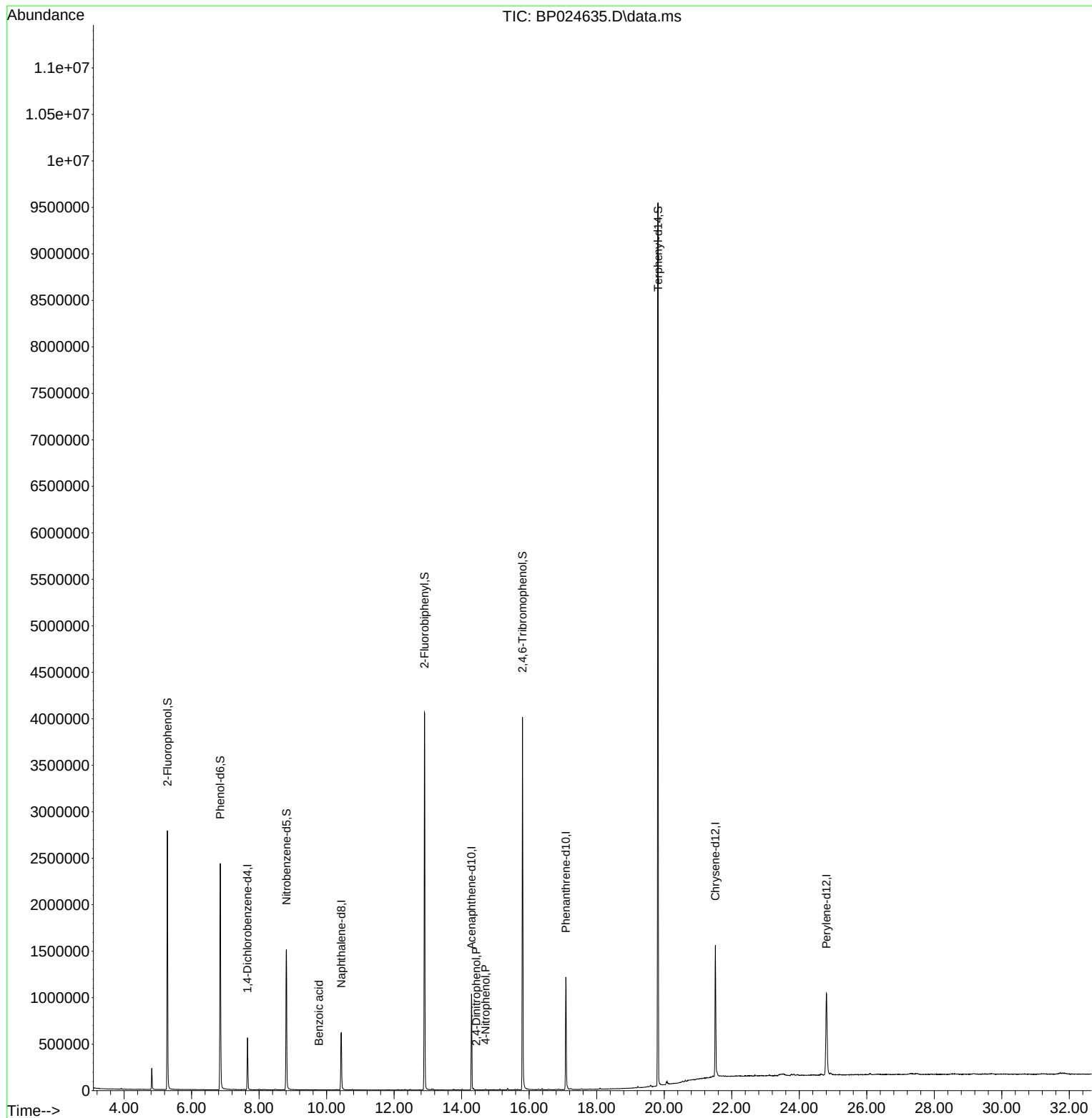
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	146276	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	564318	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	357828	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	764705	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	884123	20.000	ng	0.00
86) Perylene-d12	24.804	264	966019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1227824	143.566	ng	0.00
7) Phenol-d6	6.852	99	1498528	137.290	ng	0.00
23) Nitrobenzene-d5	8.811	82	916951	82.100	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	871050	143.590	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2149900	78.715	ng	0.00
79) Terphenyl-d14	19.816	244	4357069	84.502	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	56	7.476	ng	# 33
54) 2,4-Dinitrophenol	14.434	184	12	6.404	ng	# 34
56) 4-Nitrophenol	14.710	139	2737	4.743	ng	# 10

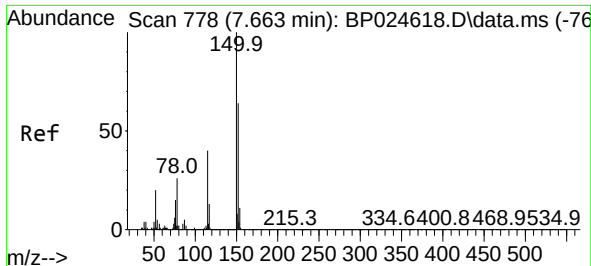
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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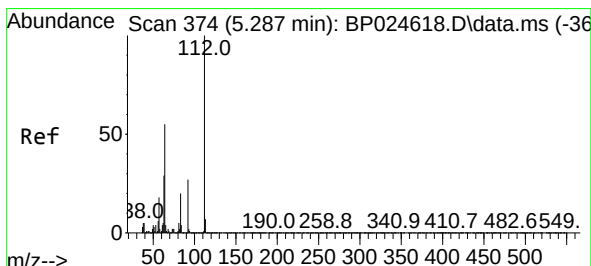
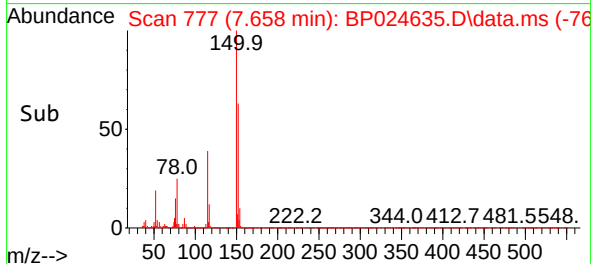
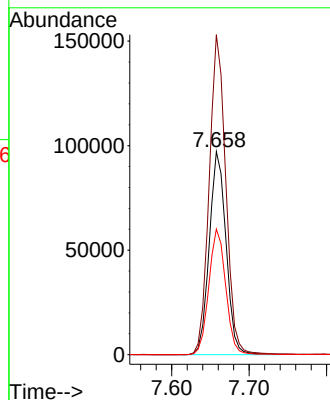
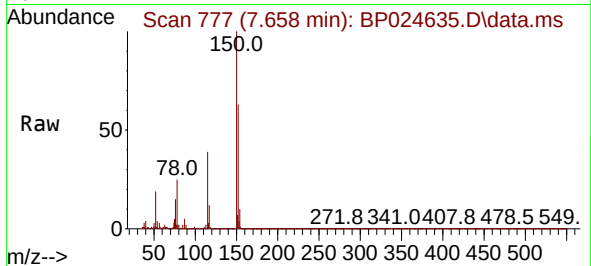




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

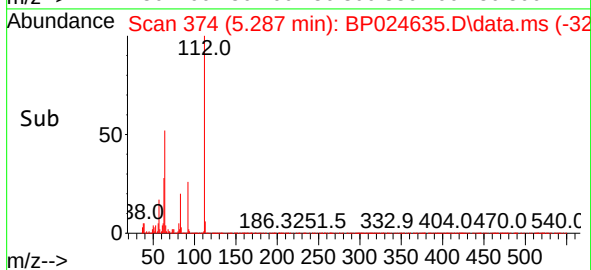
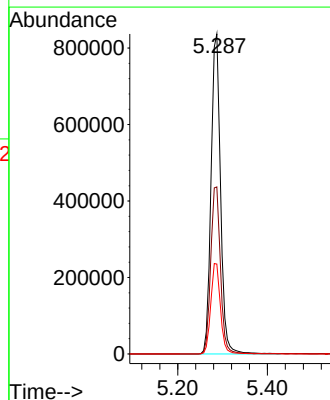
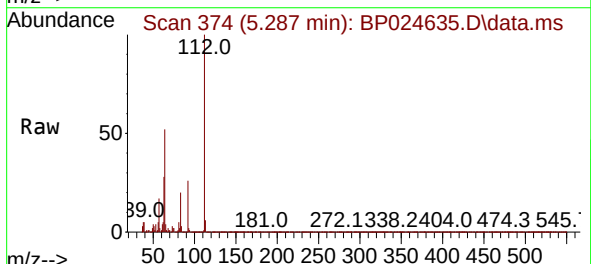
Instrument :
BNA_P
ClientSampleId :
PB167973BL

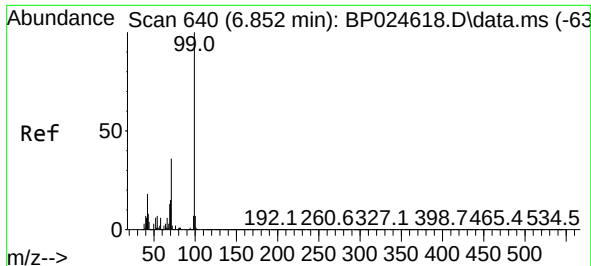
Tgt Ion:152 Resp: 146276
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 143.566 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:112 Resp: 1227824
Ion Ratio Lower Upper
112 100
64 52.2 44.1 66.1
63 28.1 23.5 35.3

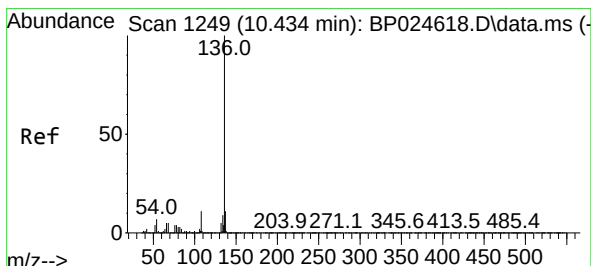
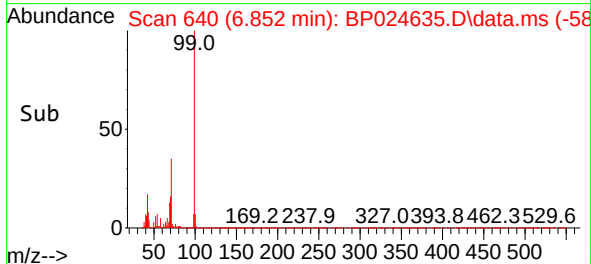
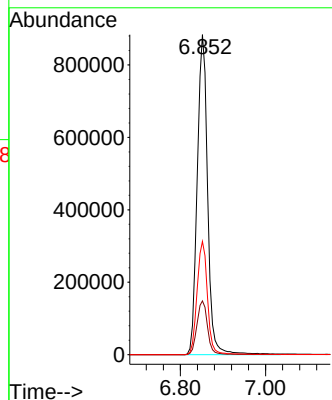
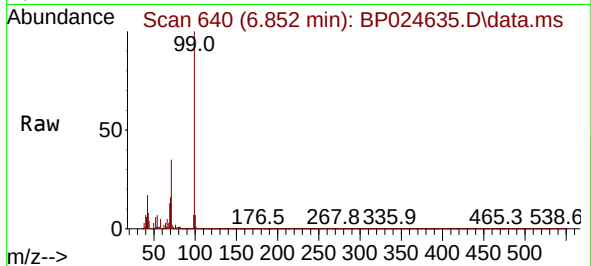




#7
Phenol-d6
Concen: 137.290 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

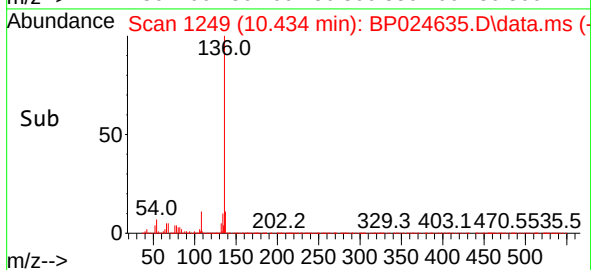
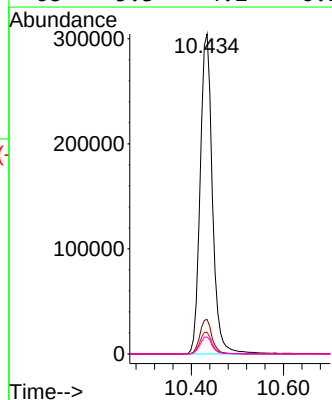
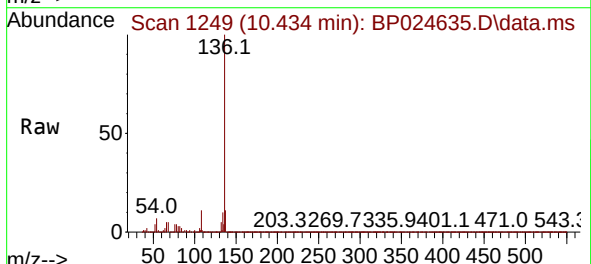
Instrument :
BNA_P
ClientSampleId :
PB167973BL

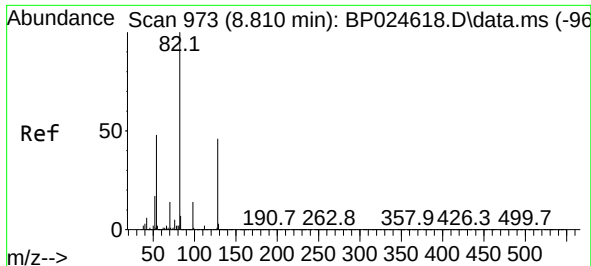
Tgt Ion: 99 Resp: 1498528
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 35.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:136 Resp: 564318
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.5 8.3
68 5.3 4.2 6.2

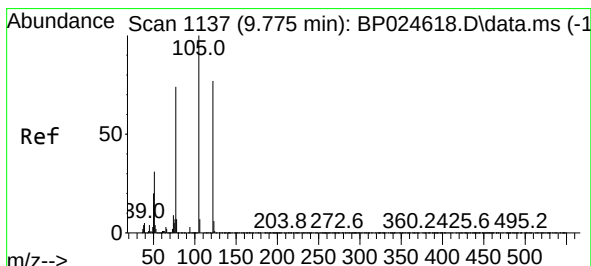
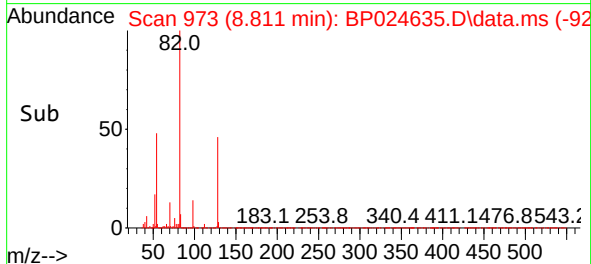
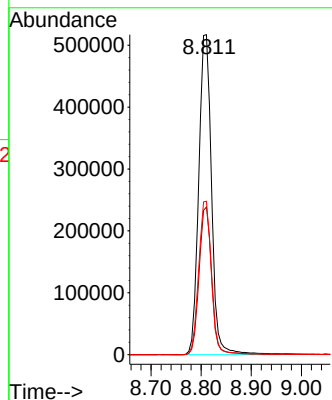
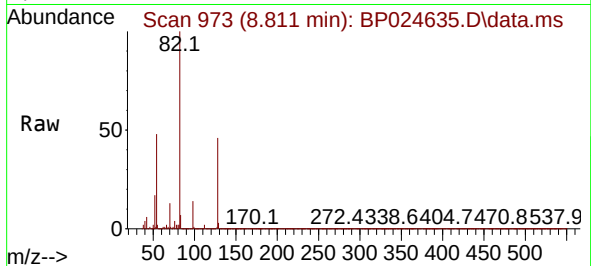




#23
Nitrobenzene-d5
Concen: 82.100 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

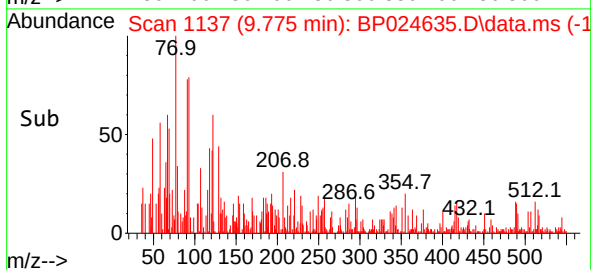
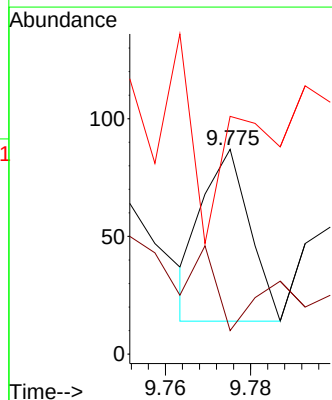
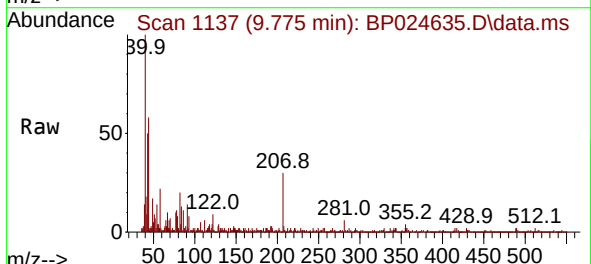
Instrument :
BNA_P
ClientSampleId :
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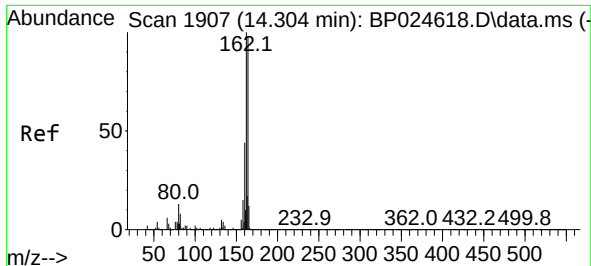
Tgt Ion: 82 Resp: 916951
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.9 38.7 58.1



#32
Benzoic acid
Concen: 7.476 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 11.5 106.9 146.9#
77 116.1 75.1 115.1#

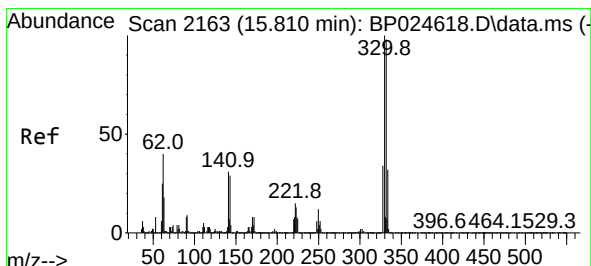
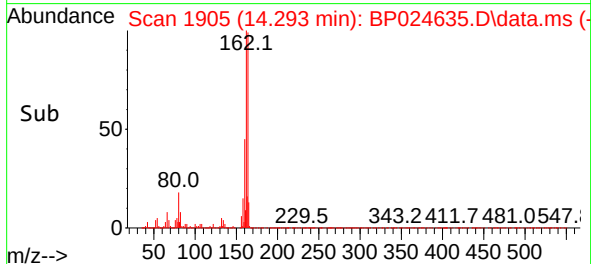
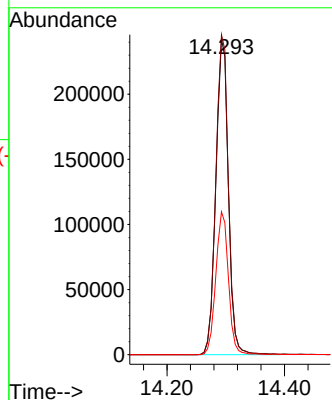
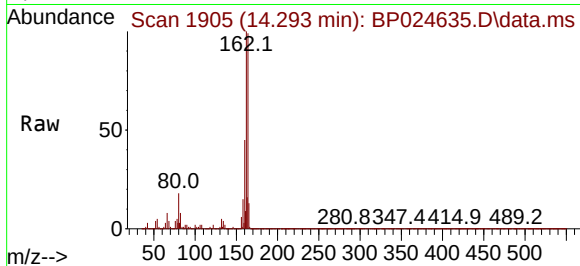




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

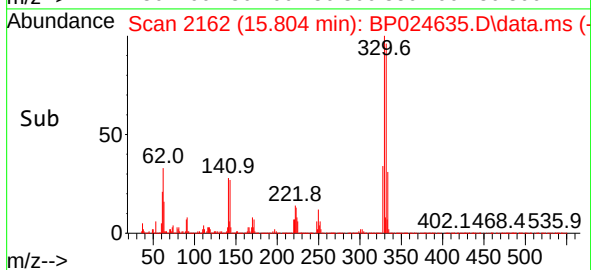
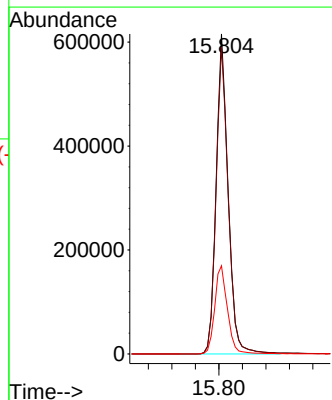
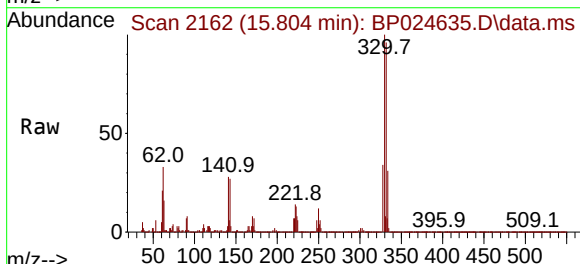
Instrument :
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ClientSampleId :
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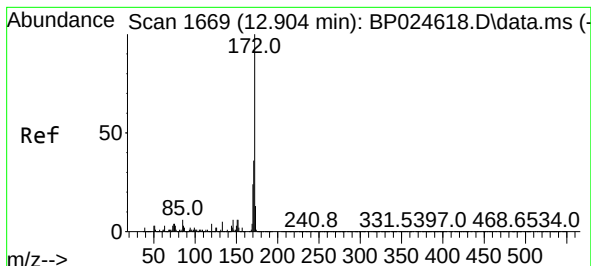
Tgt Ion:164 Resp: 357828
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 143.590 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:330 Resp: 871050
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 29.3 24.3 36.5

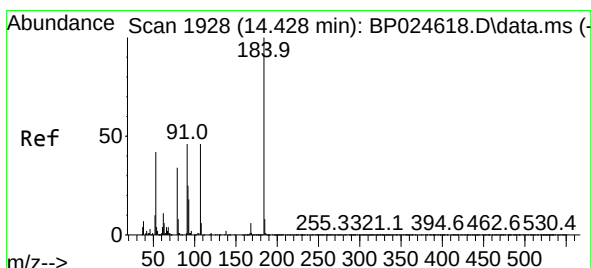
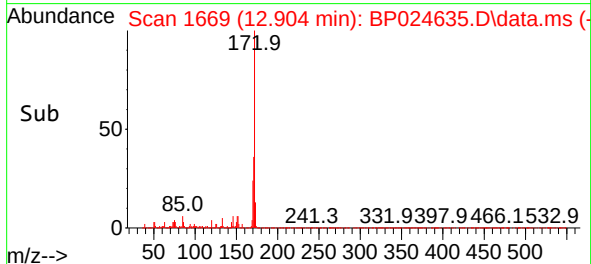
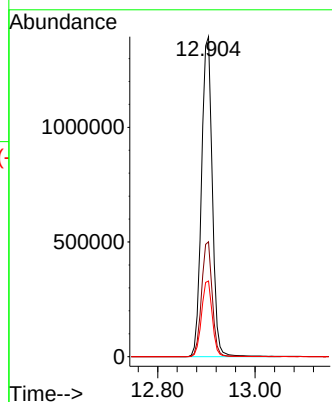
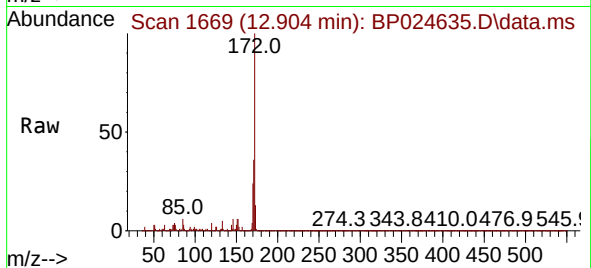




#45
2-Fluorobiphenyl
Concen: 78.715 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

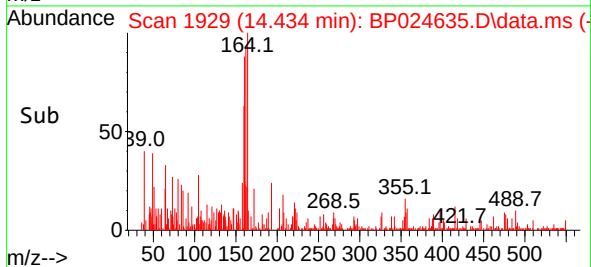
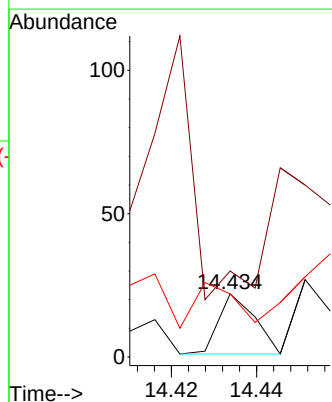
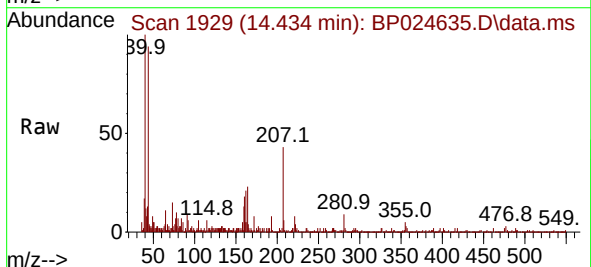
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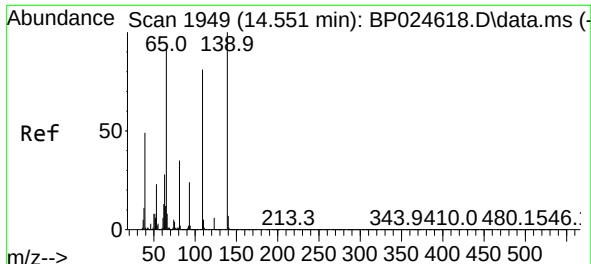
Tgt Ion:172 Resp: 2149900
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 136.4 51.3 76.9#
154 100.0 53.5 80.3#

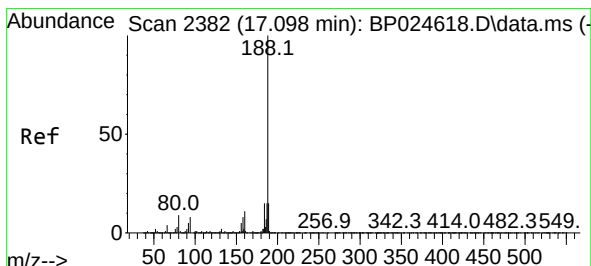
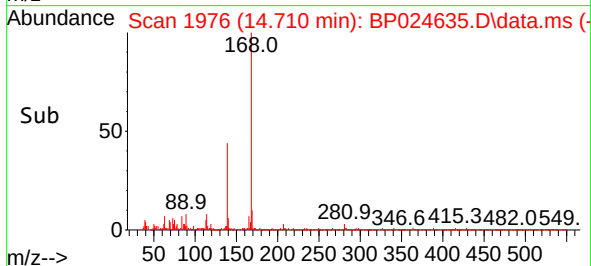
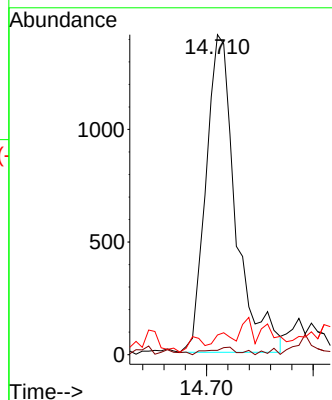
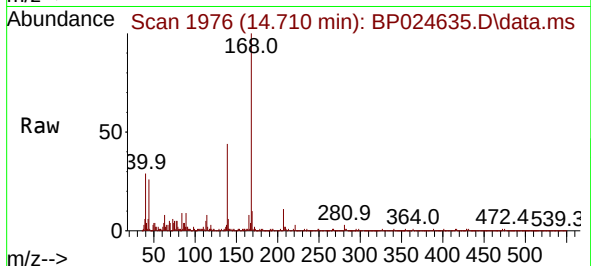




#56
4-Nitrophenol
Concen: 4.743 ng
RT: 14.710 min Scan# 1949
Delta R.T. 0.159 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

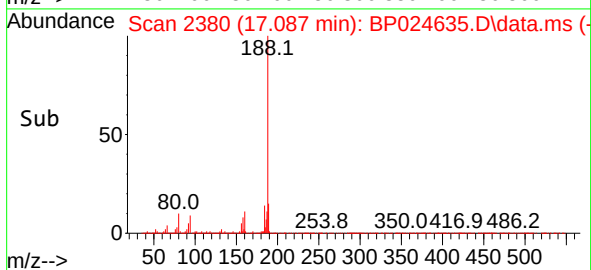
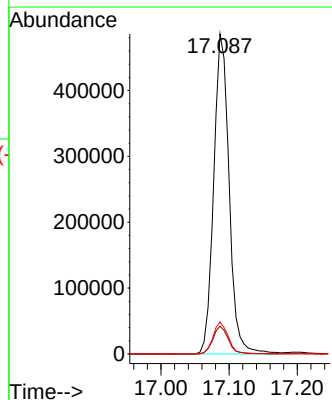
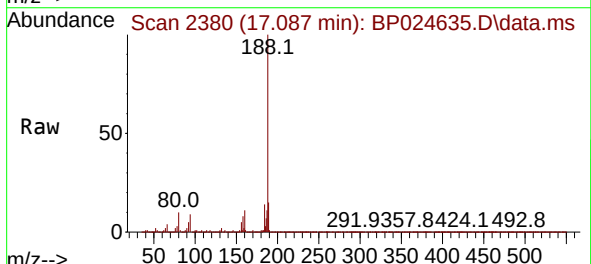
Instrument :
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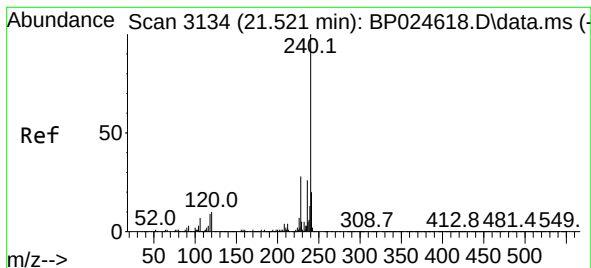
Tgt Ion:139 Resp: 2737
Ion Ratio Lower Upper
139 100
109 1.3 61.4 101.4#
65 6.1 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Tgt Ion:188 Resp: 764705
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 10.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

Instrument :

BNA_P

ClientSampleId :

PB167973BL

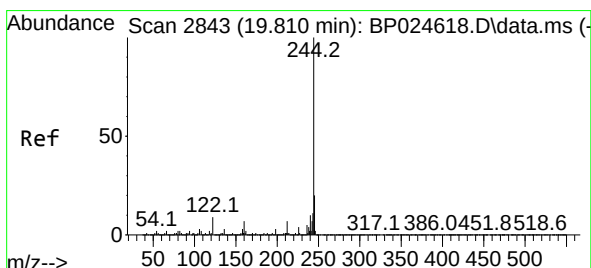
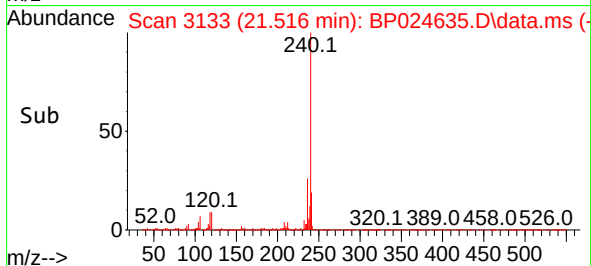
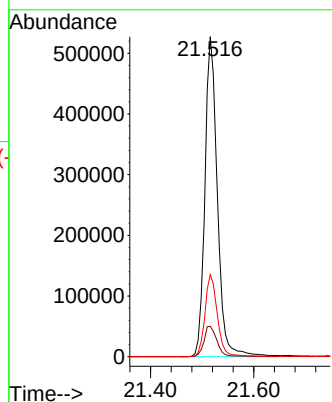
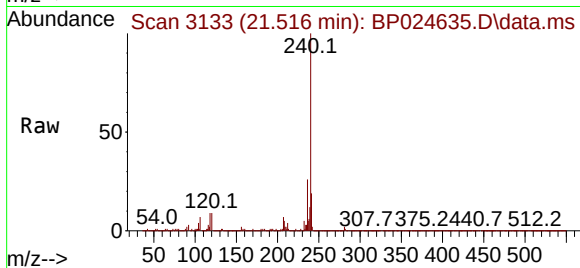
Tgt Ion:240 Resp: 884123

Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 84.502 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024635.D

Acq: 15 May 2025 13:05

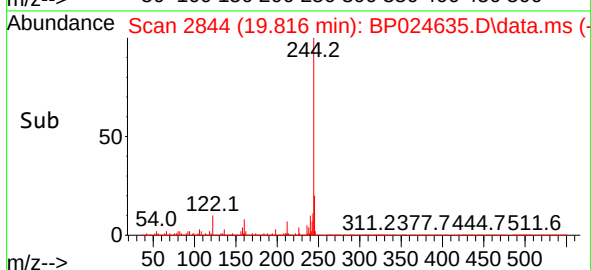
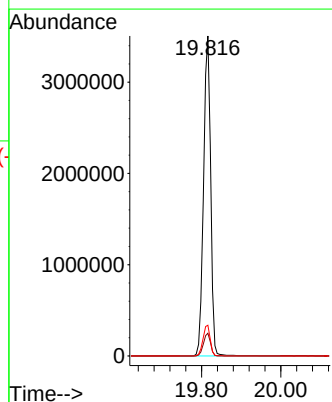
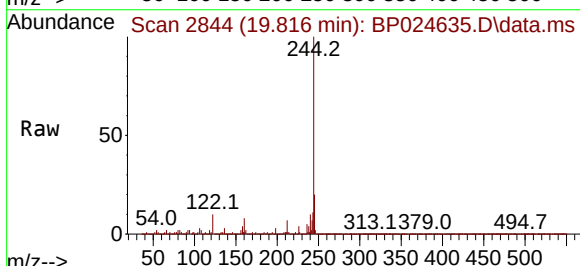
Tgt Ion:244 Resp: 4357069

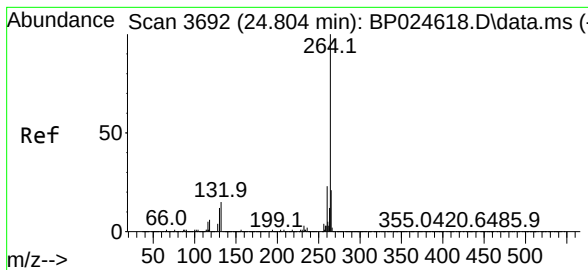
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.6 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP024635.D
Acq: 15 May 2025 13:05

Instrument :
BNA_P
ClientSampleId :
PB167973BL

Tgt Ion:264 Resp: 966019

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.2	17.0	25.6

