

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024831.D
 Acq On : 29 May 2025 16:26
 Operator : RC/JU
 Sample : Q2136-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52

Quant Time: May 29 16:50:51 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)

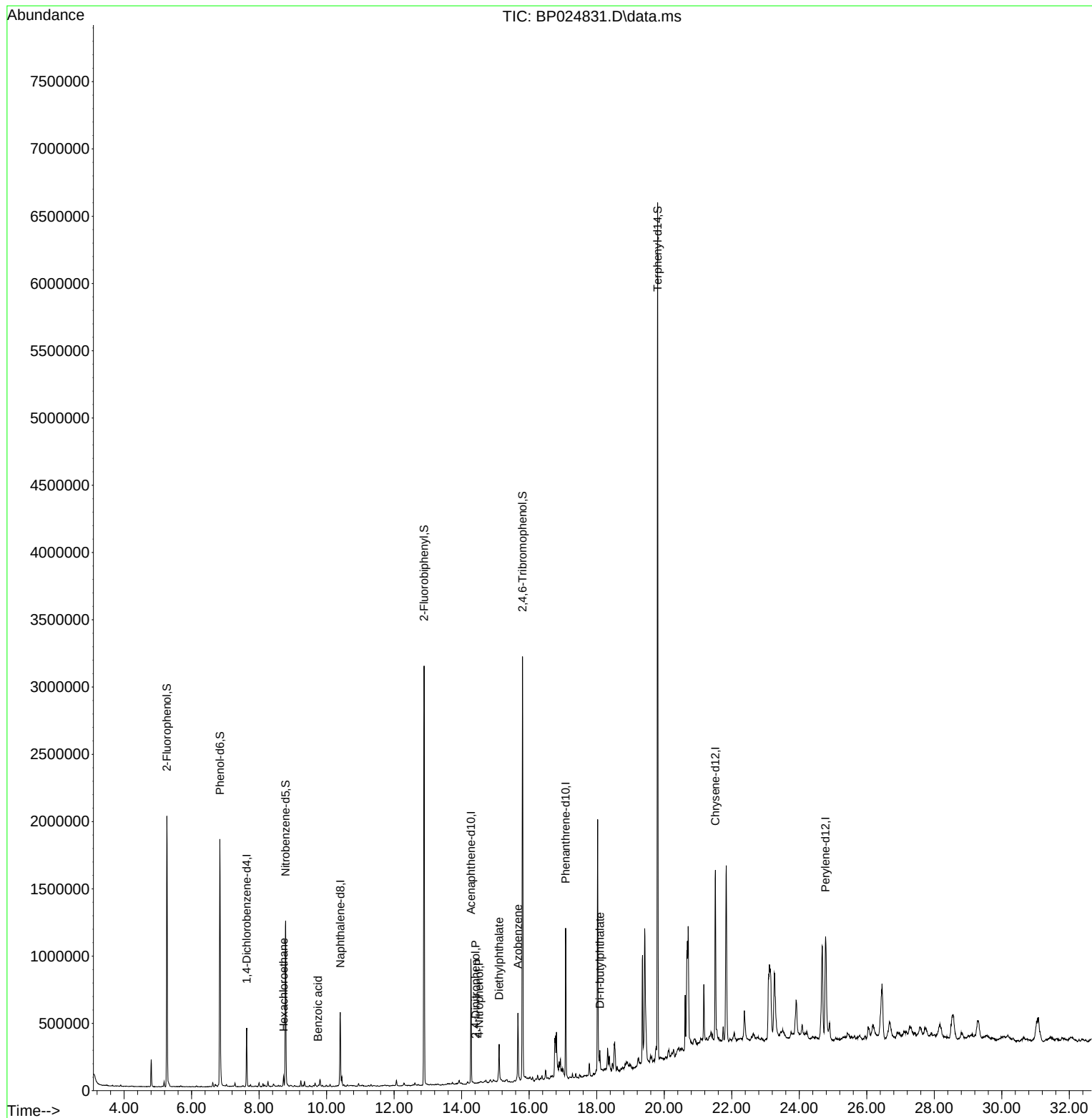
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	117009	20.000	ng	-0.01
21) Naphthalene-d8	10.404	136	447988	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	299147	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	623764	20.000	ng	0.02
76) Chrysene-d12	21.516	240	762573	20.000	ng	0.02
86) Perylene-d12	24.780	264	917779	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	893504	130.607	ng	-0.01
7) Phenol-d6	6.840	99	1110981	127.243	ng	0.00
23) Nitrobenzene-d5	8.787	82	661763	74.637	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	796452	157.048	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1615034	70.731	ng	0.00
79) Terphenyl-d14	19.804	244	3154691	70.935	ng	0.02
Target Compounds						Qvalue
18) Hexachloroethane	8.728	117	7047	2.046	ng	# 1
32) Benzoic acid	9.746	122	1728	7.779	ng	# 88
54) 2,4-Dinitrophenol	14.410	184	55	6.418	ng	# 1
56) 4-Nitrophenol	14.516	139	206	4.280	ng	# 71
60) Diethylphthalate	15.110	149	207028	8.984	ng	# 99
63) Azobenzene	15.669	77	135119	6.854	ng	# 1
74) Di-n-butylphthalate	18.098	149	89776	2.211	ng	# 99

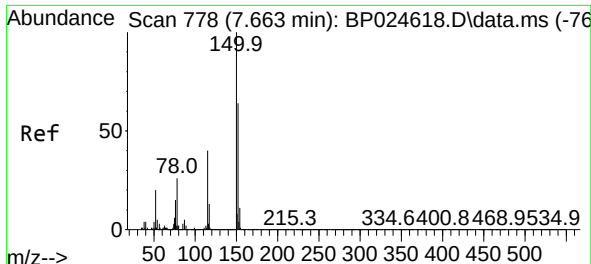
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
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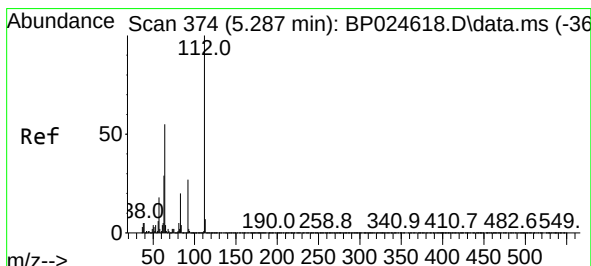
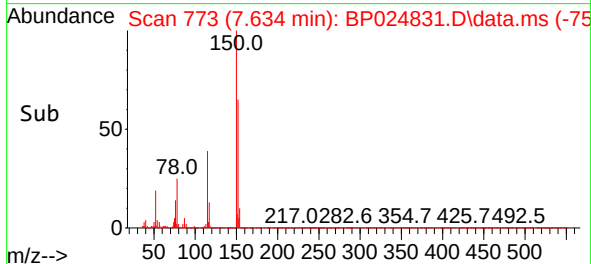
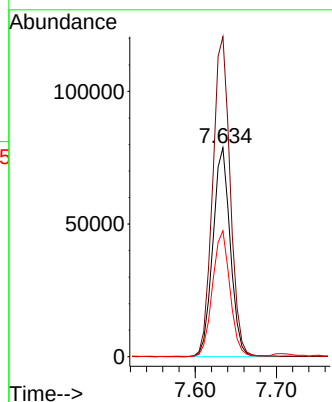
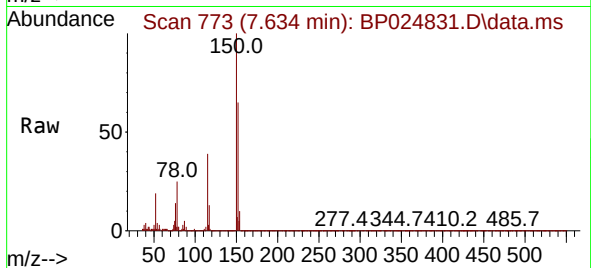




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

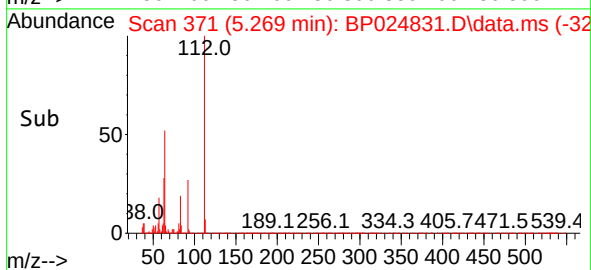
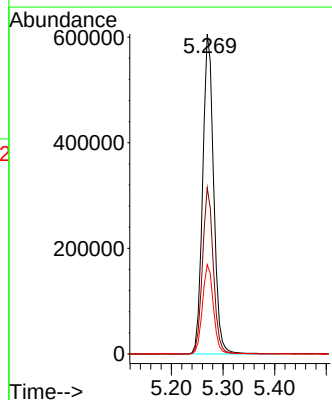
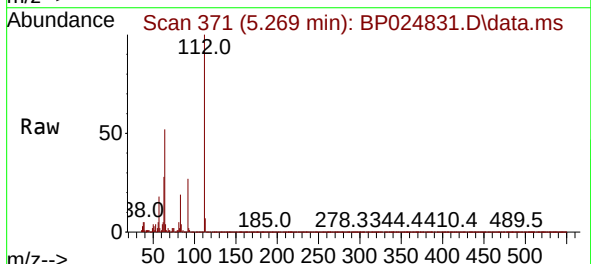
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

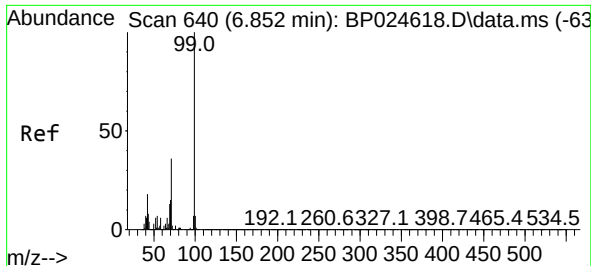
Tgt Ion:152 Resp: 117009
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 130.607 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:112 Resp: 893504
Ion Ratio Lower Upper
112 100
64 51.9 44.1 66.1
63 27.9 23.5 35.3

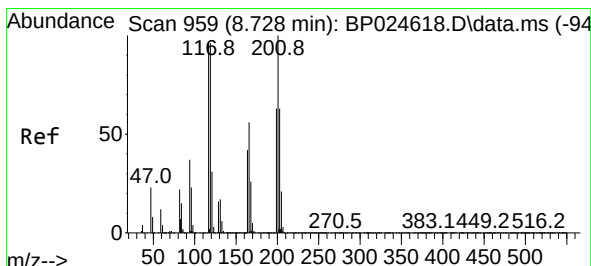
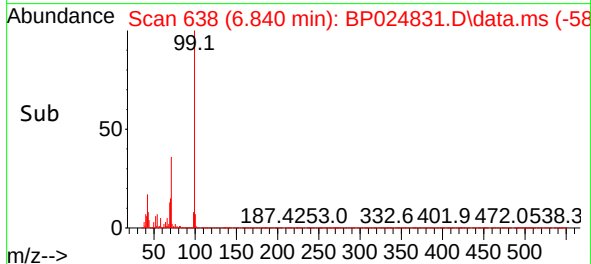
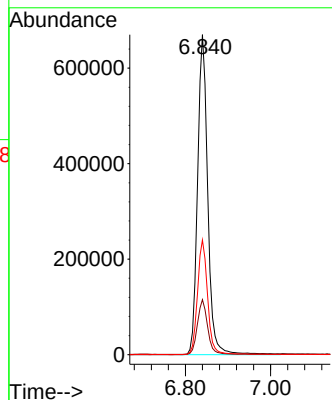
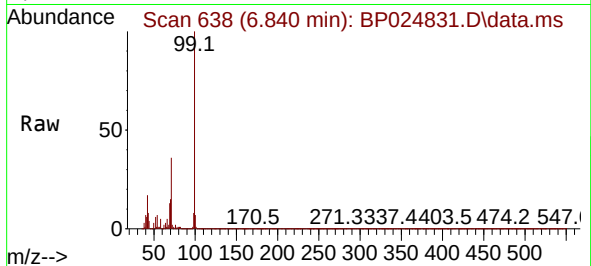




#7
Phenol-d6
Concen: 127.243 ng
RT: 6.840 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

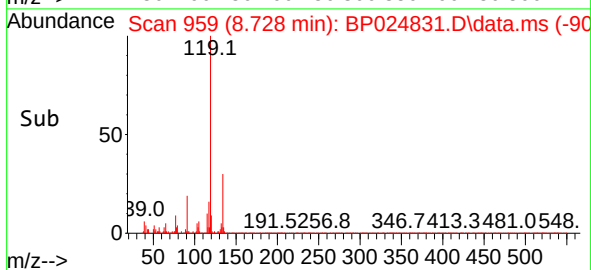
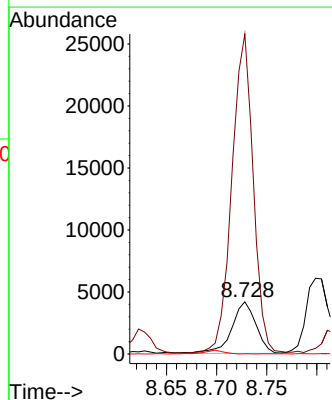
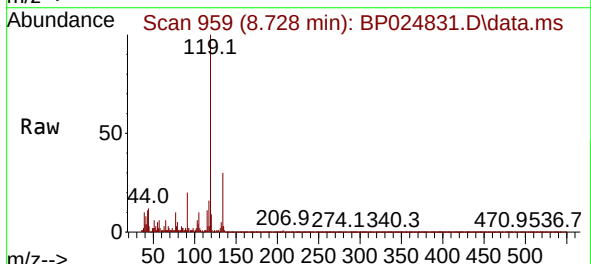
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

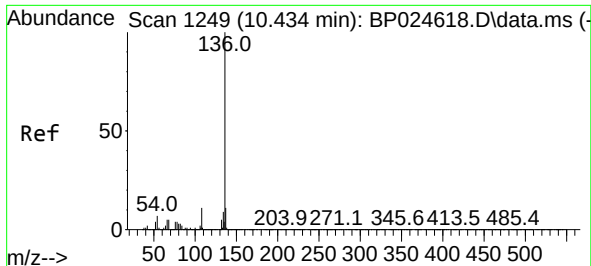
Tgt Ion: 99 Resp: 1110981
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 35.8 29.2 43.8



#18
Hexachloroethane
Concen: 2.046 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.024 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion: 117 Resp: 7047
Ion Ratio Lower Upper
117 100
119 612.7 79.4 119.0#
201 0.2 82.7 124.1#

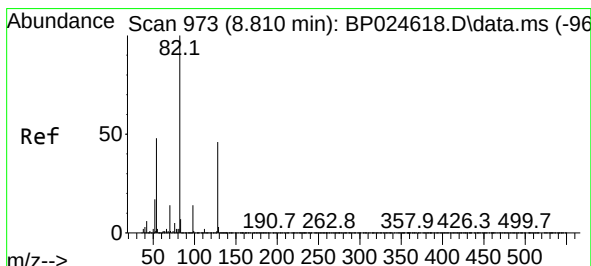
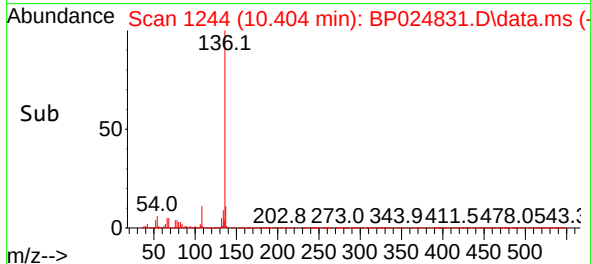
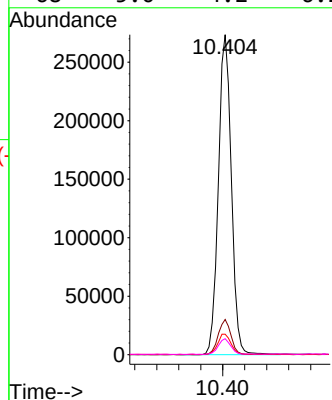
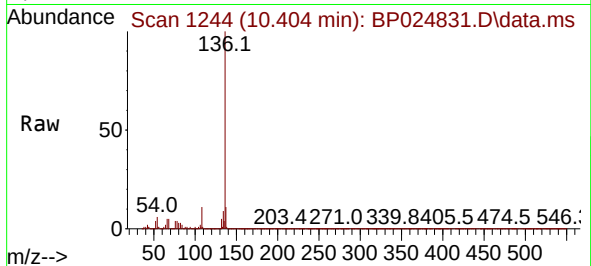




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

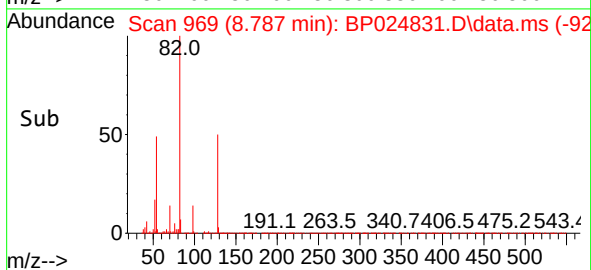
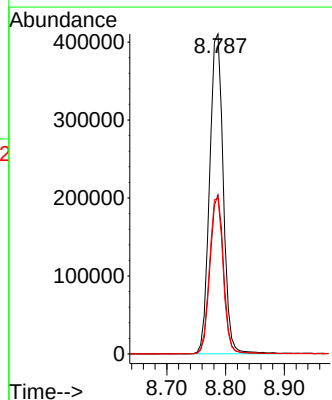
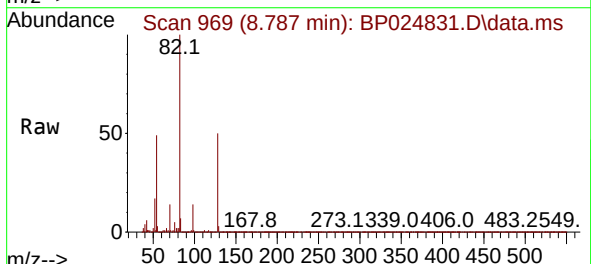
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

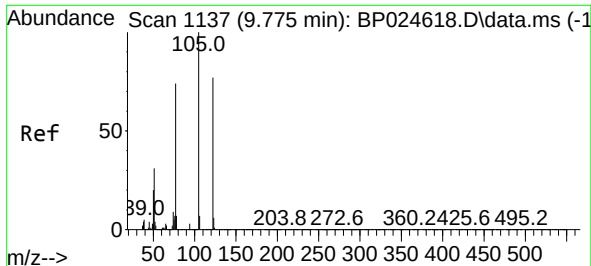
Tgt Ion:	136	Resp:	447988
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.5	8.3
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 74.637 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:	82	Resp:	661763
Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.4
54	48.7	38.7	58.1

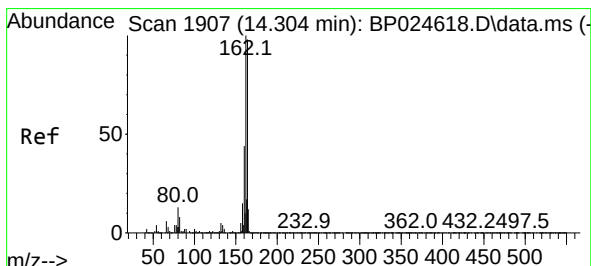
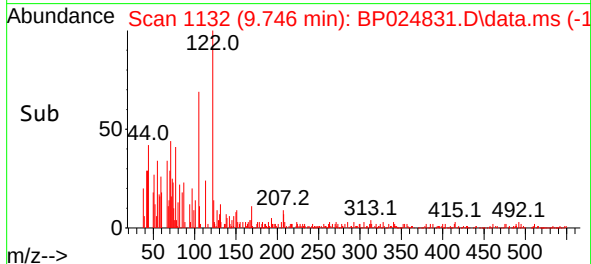
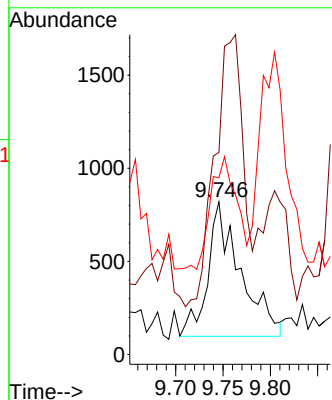
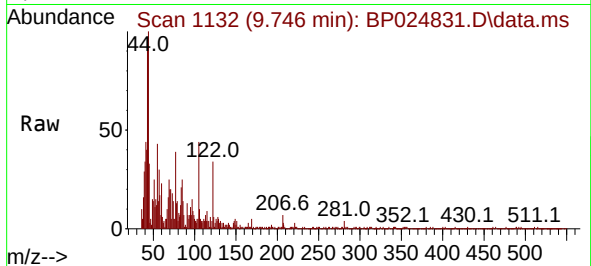




#32
Benzoic acid
Concen: 7.779 ng
RT: 9.746 min Scan# 1137
Delta R.T. -0.047 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

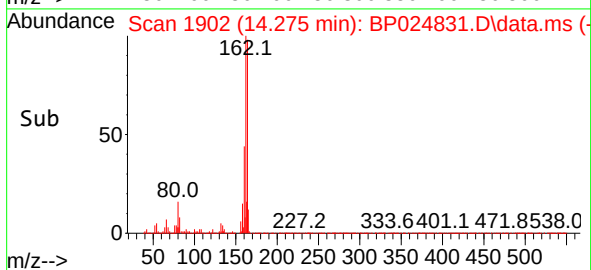
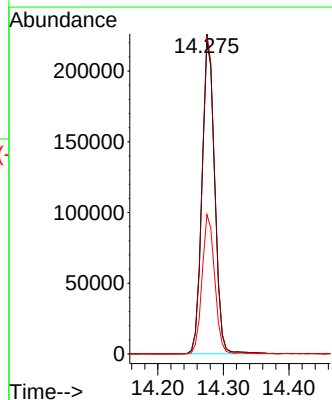
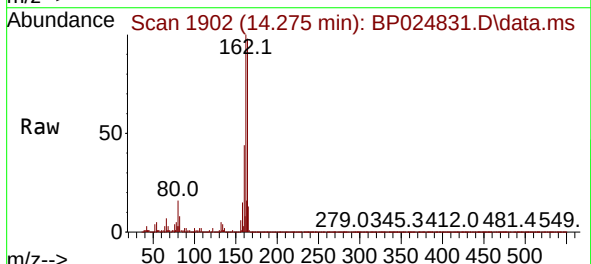
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

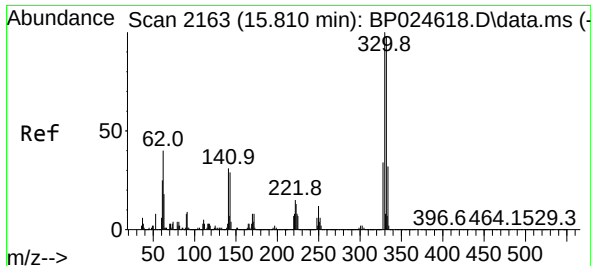
Tgt Ion:122 Resp: 1728
Ion Ratio Lower Upper
122 100
105 132.3 106.9 146.9
77 115.7 75.1 115.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:164 Resp: 299147
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 44.6 36.3 54.5

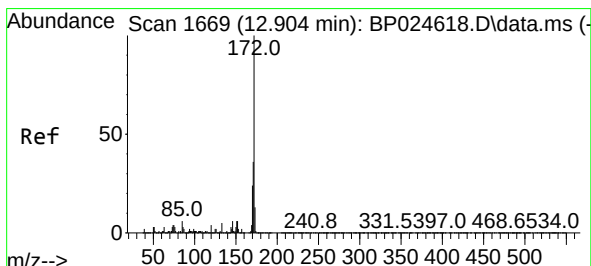
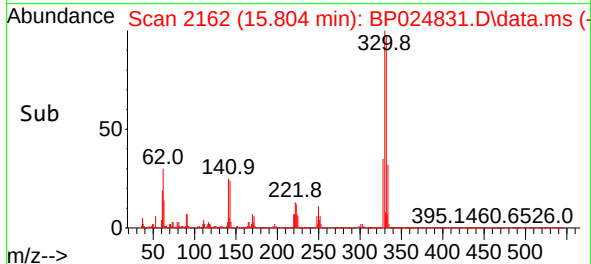
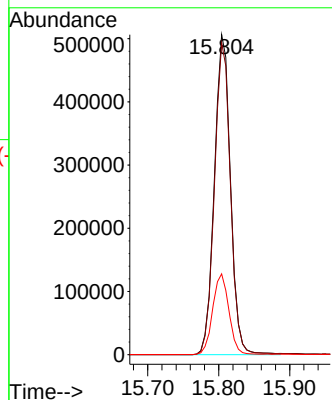
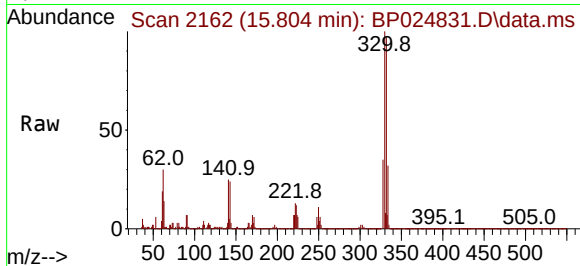




#42
2,4,6-Tribromophenol
Concen: 157.048 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

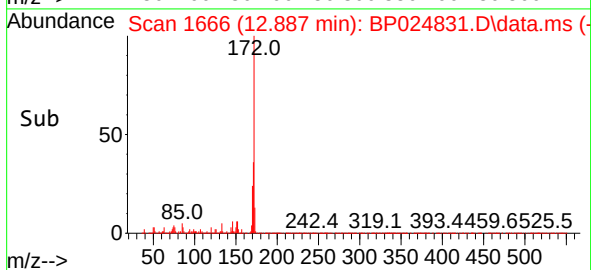
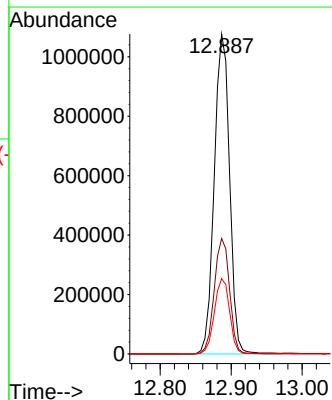
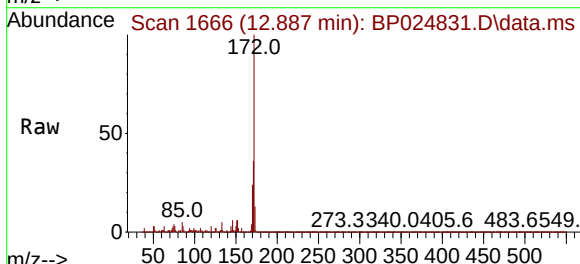
Instrument :
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ClientSampleId :
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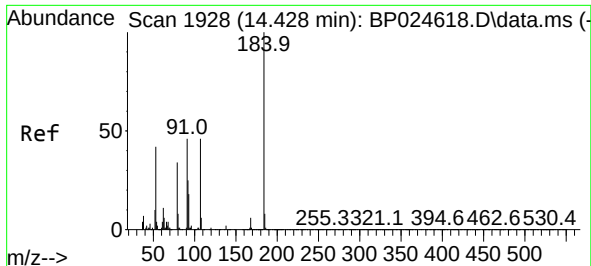
Tgt Ion: 330 Resp: 796452
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 25.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 70.731 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion: 172 Resp: 1615034
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 18.8 28.2

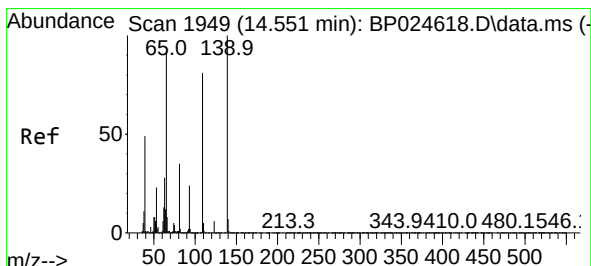
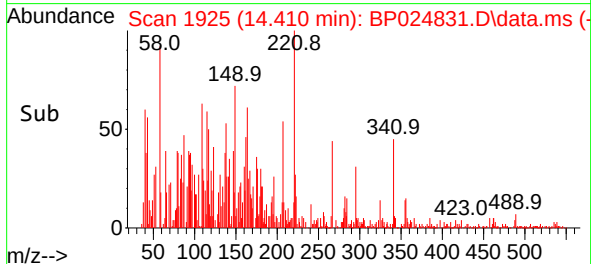
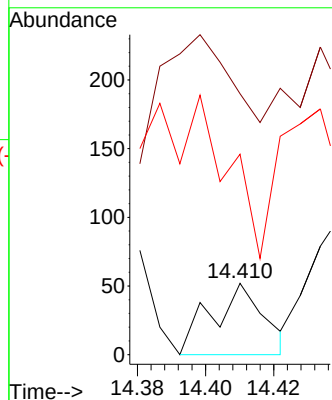
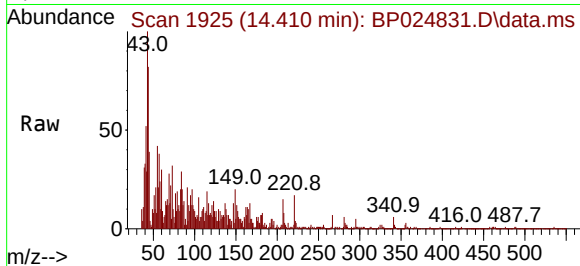




#54
2,4-Dinitrophenol
Concen: 6.418 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

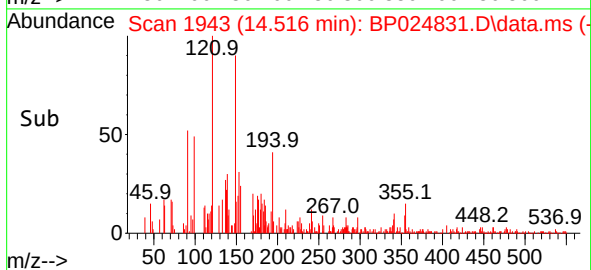
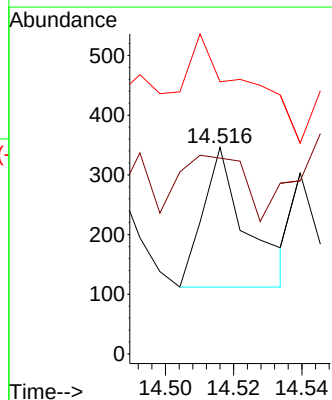
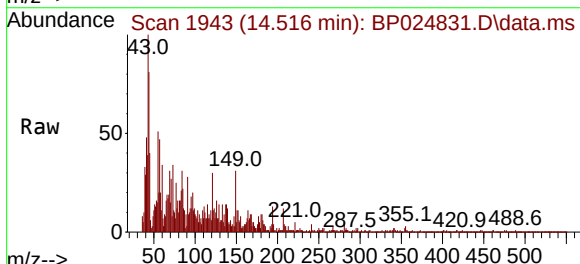
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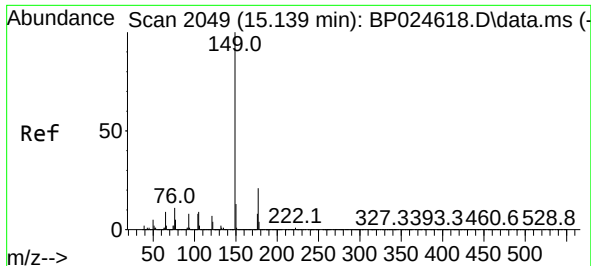
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 365.4 51.3 76.9#
154 280.8 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.280 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.041 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:139 Resp: 206
Ion Ratio Lower Upper
139 100
109 94.8 61.4 101.4
65 131.8 72.2 112.2#

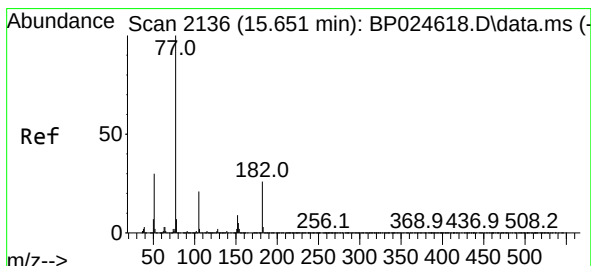
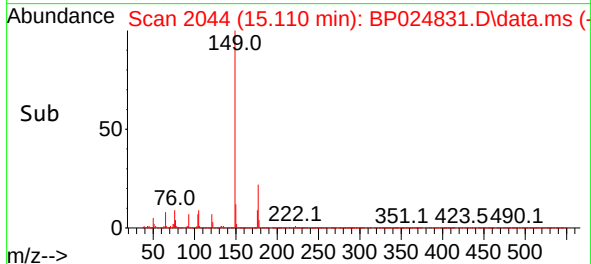
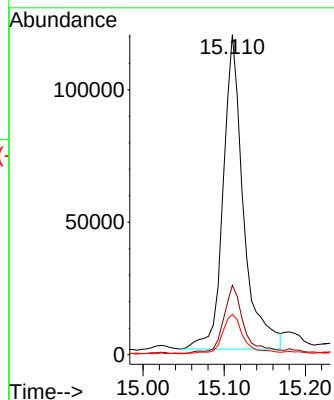
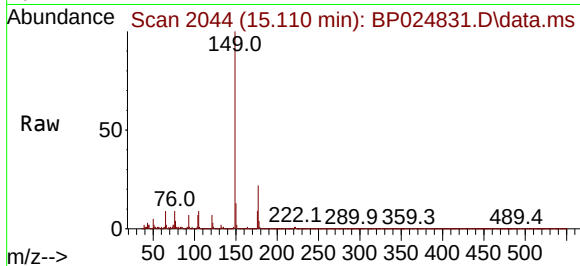




#60
Diethylphthalate
Concen: 8.984 ng
RT: 15.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

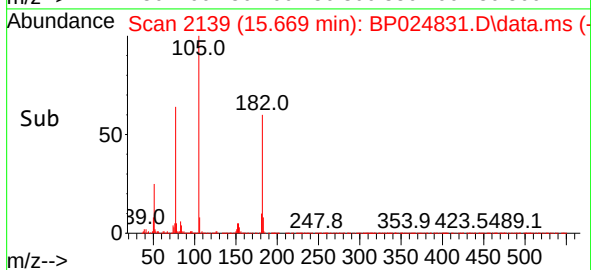
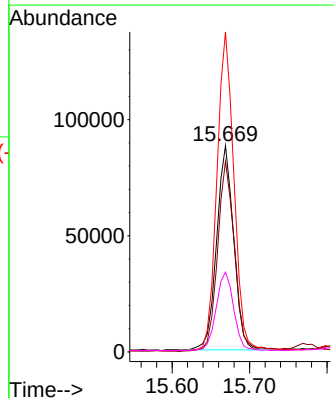
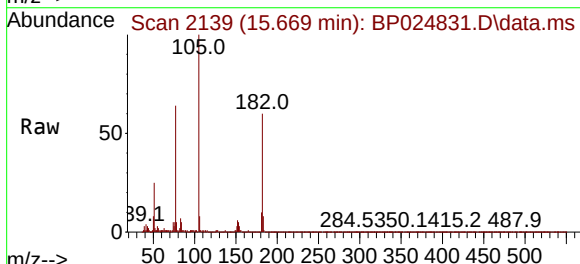
Instrument :
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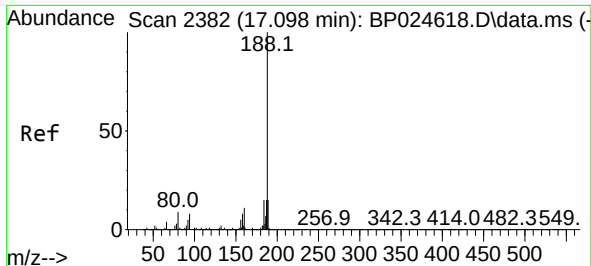
Tgt Ion:149 Resp: 207028
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2



#63
Azobenzene
Concen: 6.854 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.041 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion: 77 Resp: 135119
Ion Ratio Lower Upper
77 100
182 92.3 5.7 45.7#
105 155.1 1.3 41.3#
51 38.7 10.6 50.6

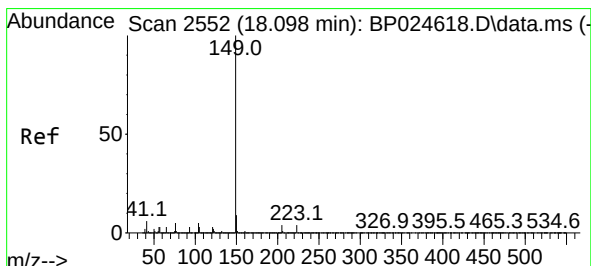
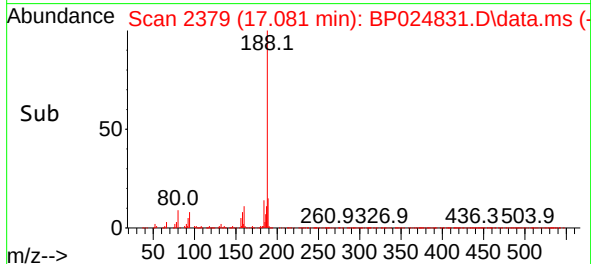
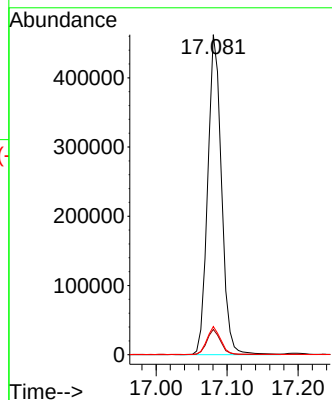
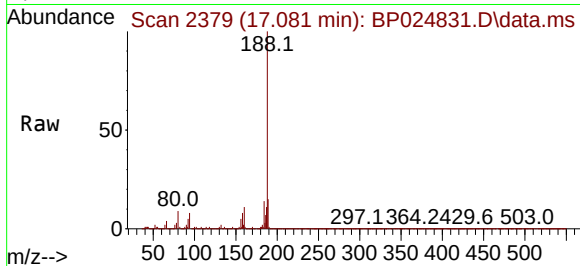




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

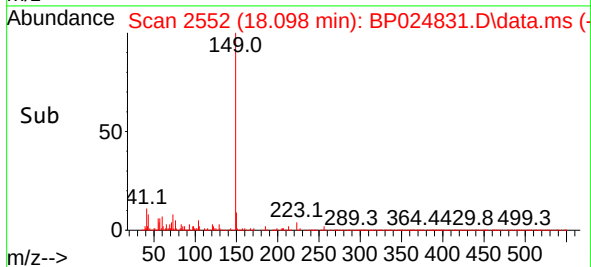
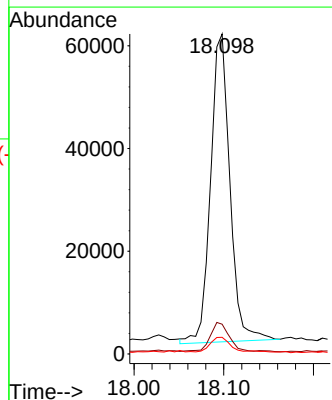
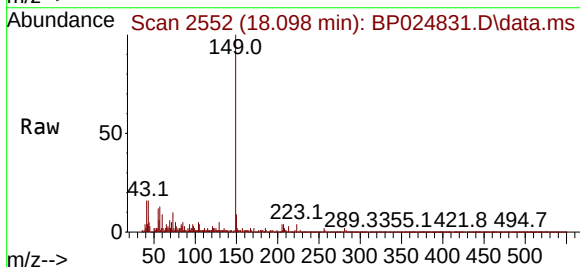
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

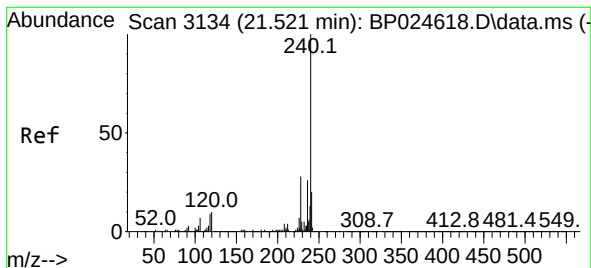
Tgt Ion:188 Resp: 623764
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 8.8 7.3 10.9



#74
Di-n-butylphthalate
Concen: 2.211 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.035 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:149 Resp: 89776
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.2 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3134

Delta R.T. 0.024 min

Lab File: BP024831.D

Acq: 29 May 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52

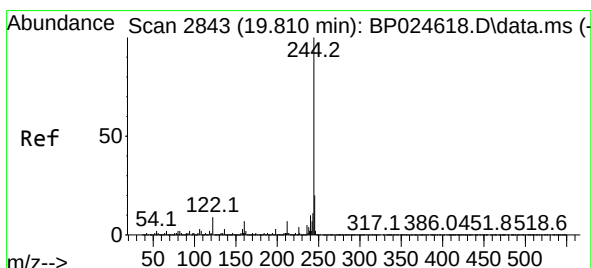
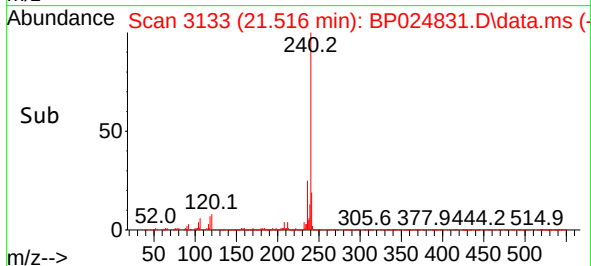
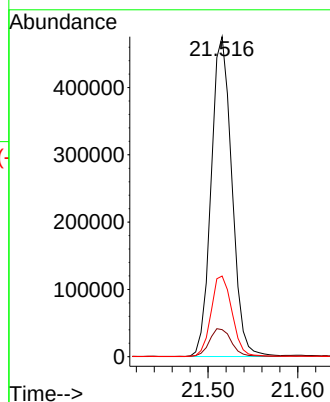
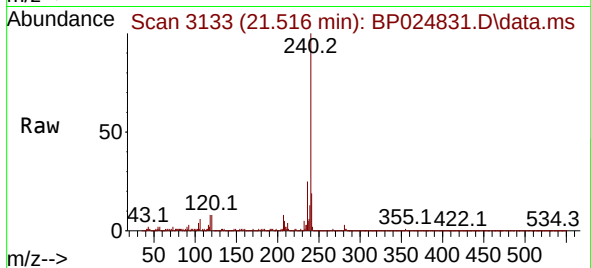
Tgt Ion:240 Resp: 762573

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 25.2 20.6 31.0



#79

Terphenyl-d14

Concen: 70.935 ng

RT: 19.804 min Scan# 2842

Delta R.T. 0.018 min

Lab File: BP024831.D

Acq: 29 May 2025 16:26

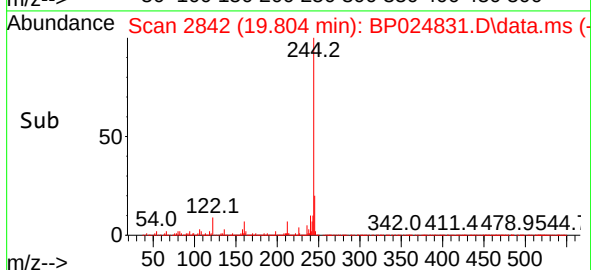
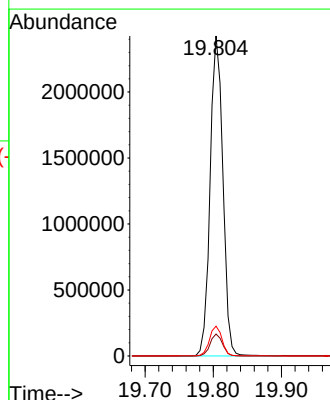
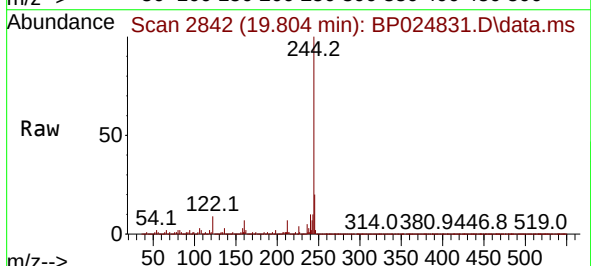
Tgt Ion:244 Resp: 3154691

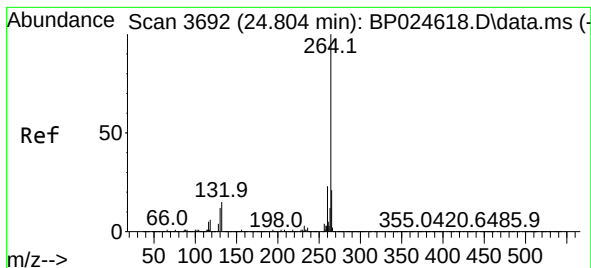
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 30

Delta R.T. 0.035 min

Lab File: BP024831.D

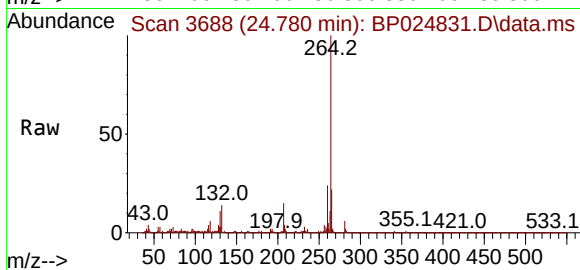
Acq: 29 May 2025 16:26

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52



Tgt Ion:264 Resp: 917779

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.9 17.0 25.6

