

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020562.D
 Acq On : 07 Jun 2024 16:14
 Operator : MA/JU
 Sample : P2707-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-03

Quant Time: Jun 07 17:07:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

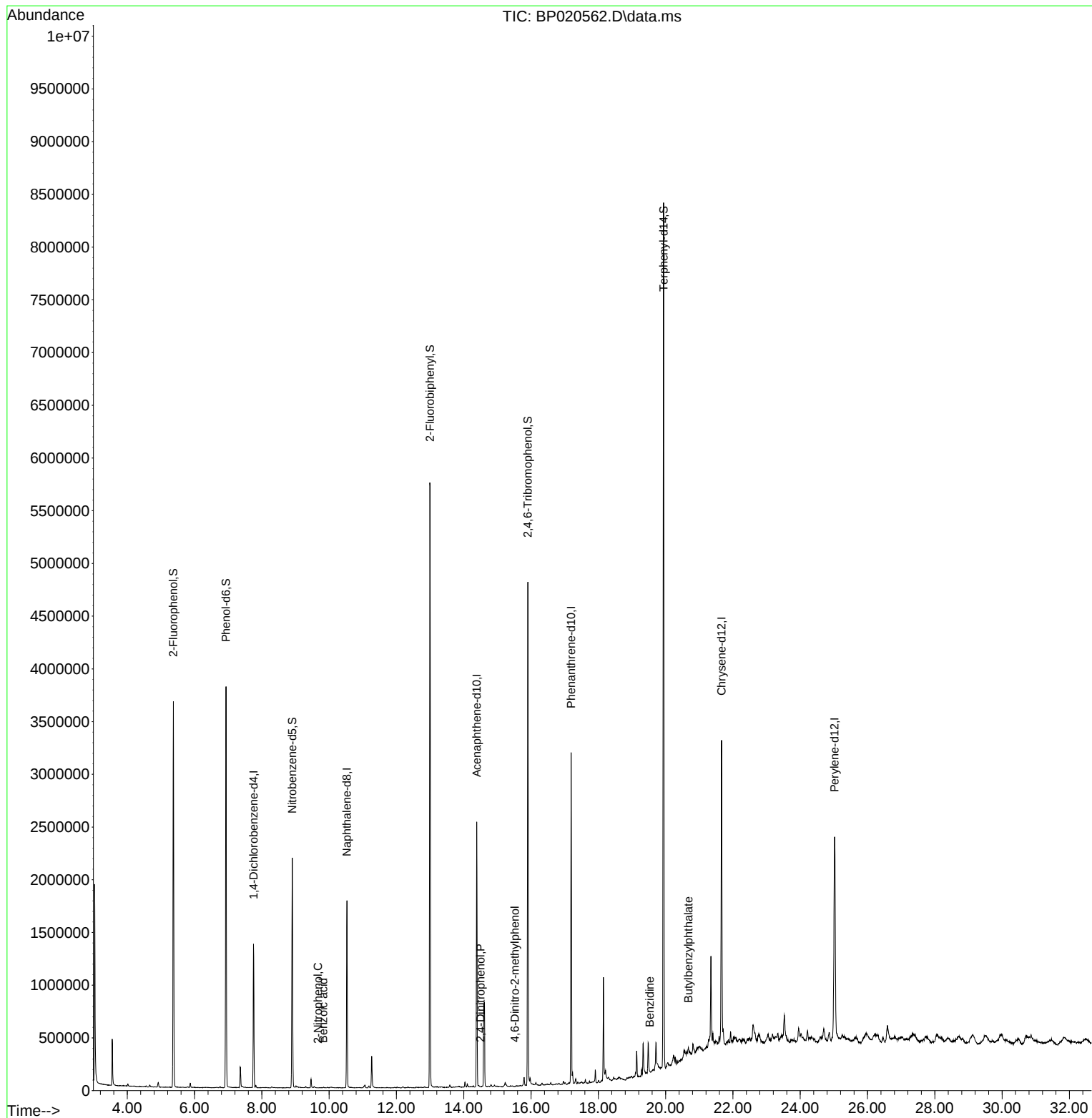
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	358616	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	1367898	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	877370	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1839805	20.000	ng	-0.01
76) Chrysene-d12	21.663	240	1772537	20.000	ng	0.00
86) Perylene-d12	25.021	264	2071092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1662957	83.026	ng	0.00
7) Phenol-d6	6.934	99	2127169	75.308	ng	0.00
23) Nitrobenzene-d5	8.905	82	1321258	52.874	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	970659	106.603	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3044419	51.727	ng	0.00
79) Terphenyl-d14	19.939	244	5129837	48.178	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.663	139	7	3.792	ng	# 1
32) Benzoic acid	9.822	122	161	6.858	ng	# 1
54) 2,4-Dinitrophenol	14.498	184	31	4.980	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	19	7.655	ng	# 1
77) Benzidine	19.528	184	117	5.972	ng	# 1
80) Butylbenzylphthalate	20.675	149	11957	2.642	ng	# 98

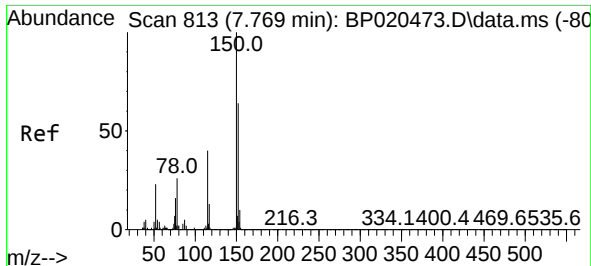
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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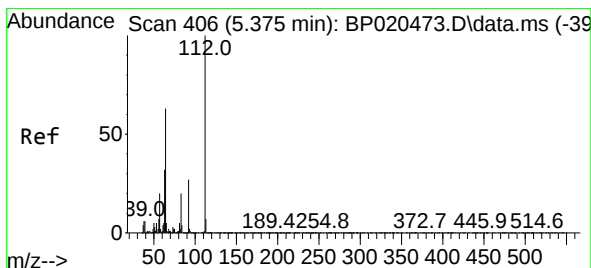
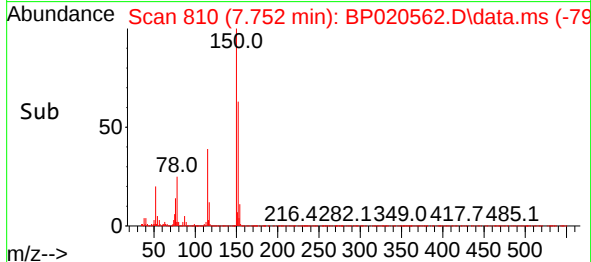
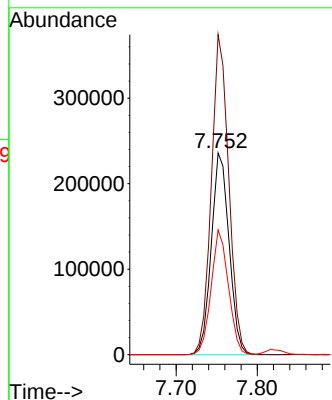
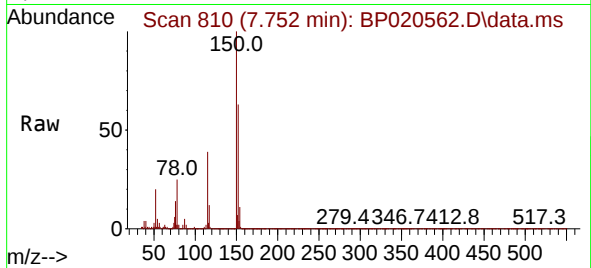




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

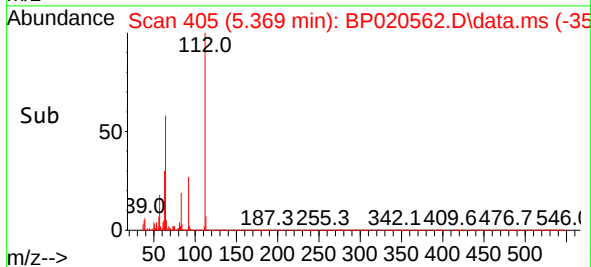
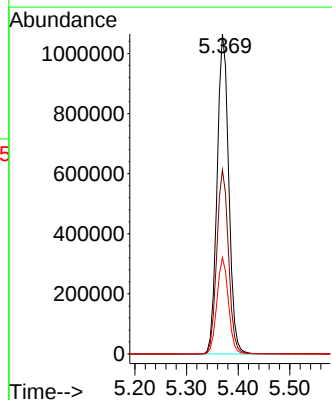
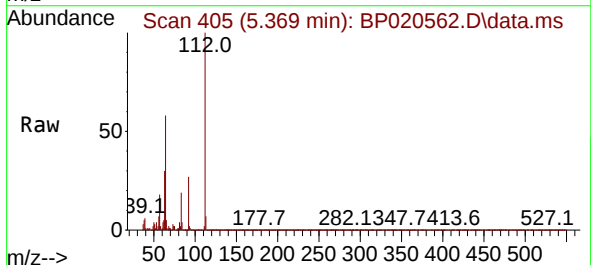
Instrument :
BNA_P
ClientSampleId :
SW-03

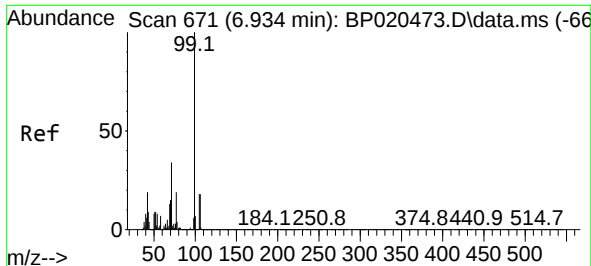
Tgt Ion:152 Resp: 358616
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.2
115 61.8 49.5 74.3



#5
2-Fluorophenol
Concen: 83.026 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:112 Resp: 1662957
Ion Ratio Lower Upper
112 100
64 57.5 50.1 75.1
63 30.1 25.7 38.5



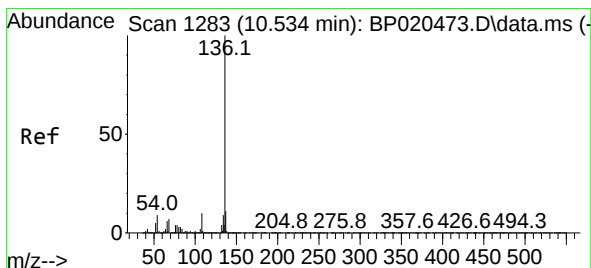
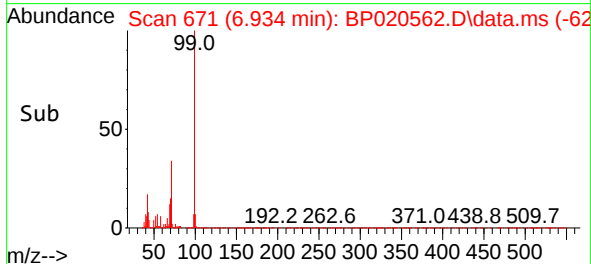
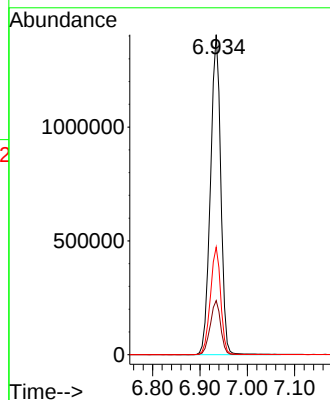
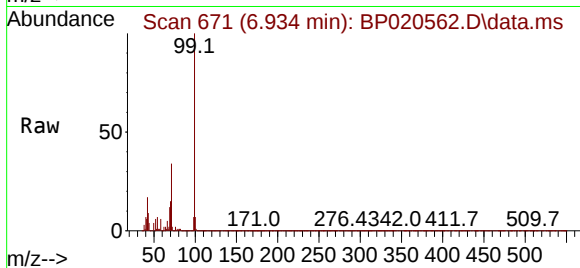


#7
Phenol-d6
Concen: 75.308 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Instrument :
BNA_P
ClientSampleId :
SW-03

Tgt Ion: 99 Resp: 2127169

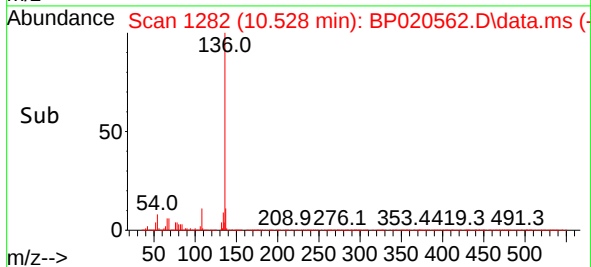
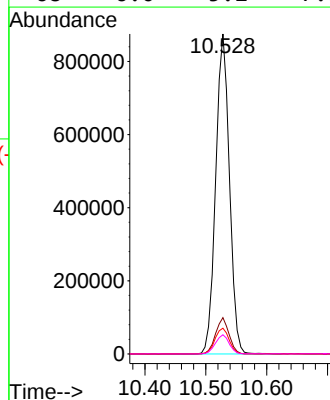
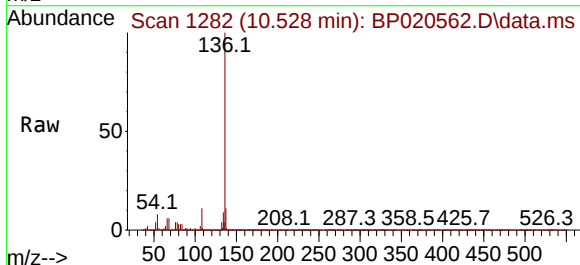
Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.0	22.4
71	33.6	27.3	40.9

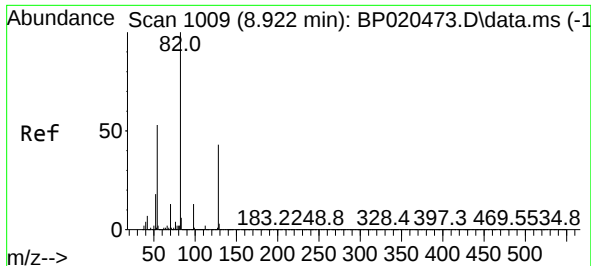


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion: 136 Resp: 1367898

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.1	7.4	11.0
68	6.0	5.2	7.8

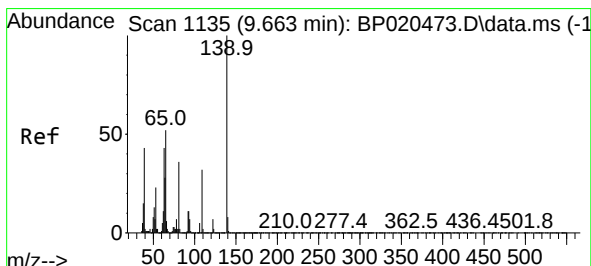
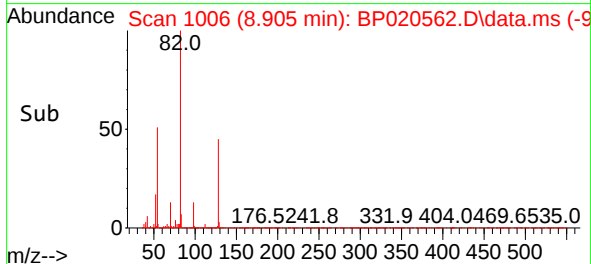
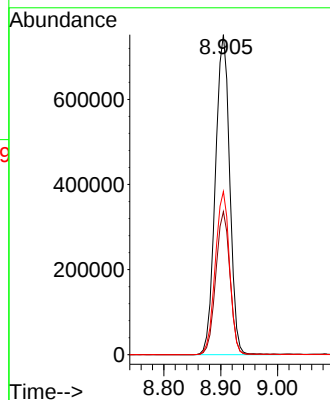
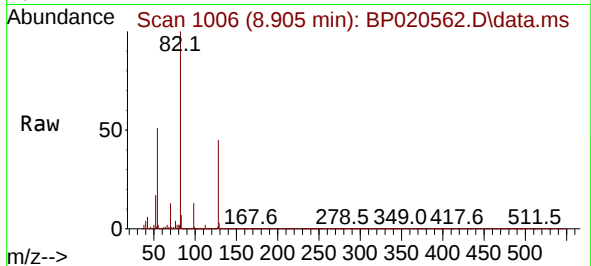




#23
Nitrobenzene-d5
Concen: 52.874 ng
RT: 8.905 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

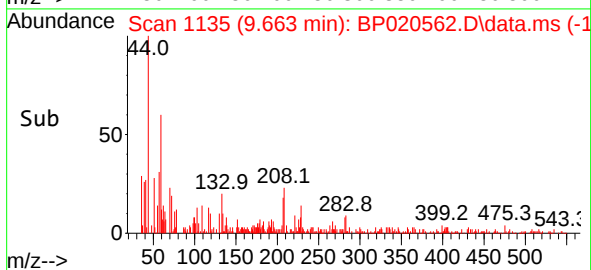
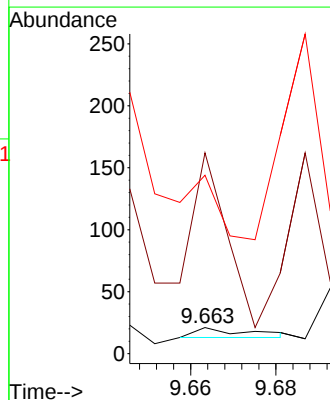
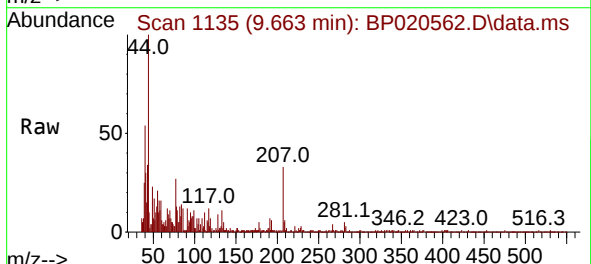
Instrument :
BNA_P
ClientSampleId :
SW-03

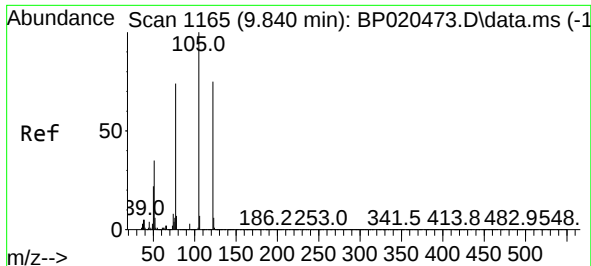
Tgt Ion: 82 Resp: 1321258
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.4
54 51.0 42.7 64.1



#26
2-Nitrophenol
Concen: 3.792 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 771.4 25.8 38.8#
65 685.7 41.8 62.8#

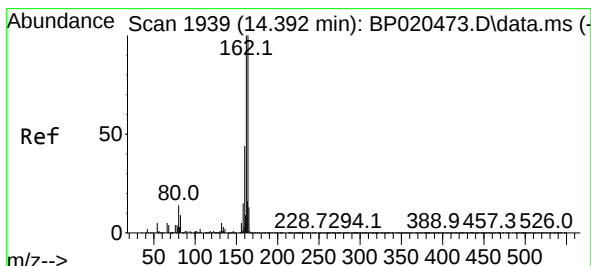
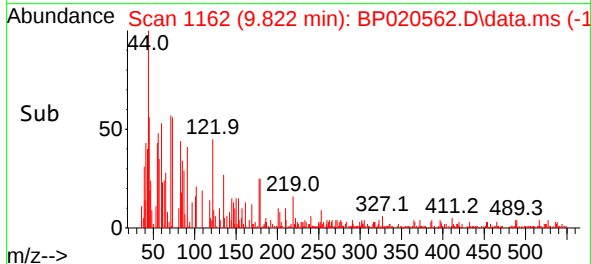
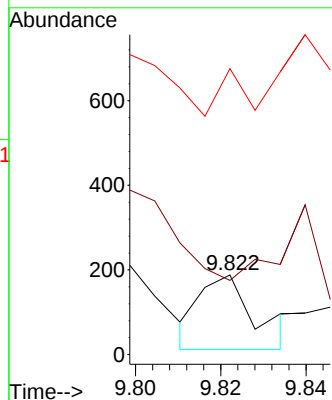
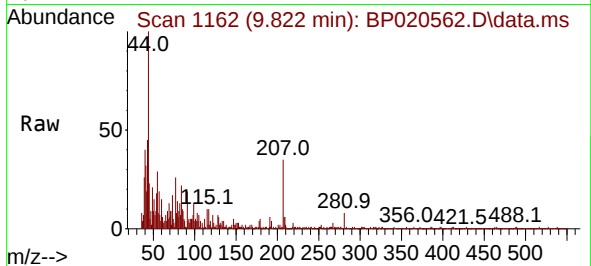




#32
Benzoic acid
Concen: 6.858 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

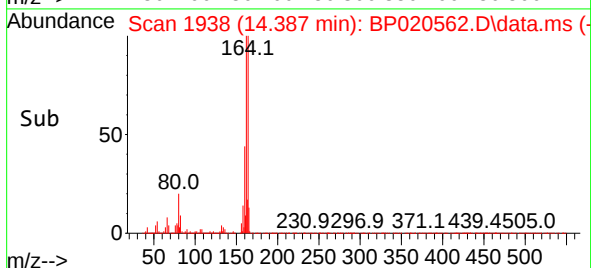
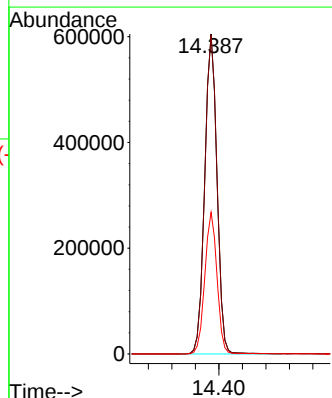
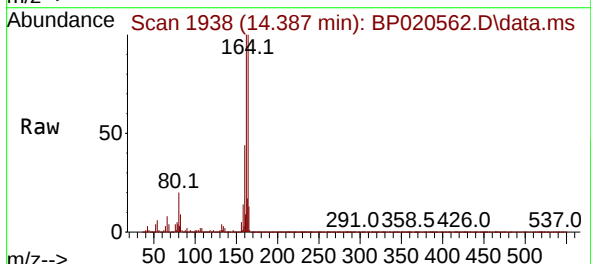
Instrument :
BNA_P
ClientSampleId :
SW-03

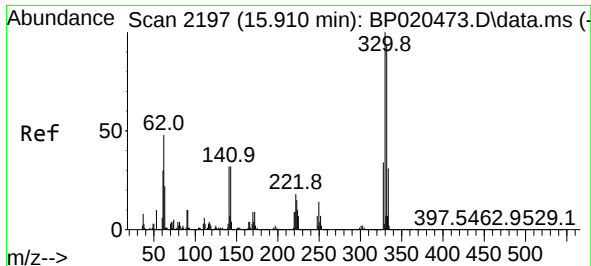
Tgt Ion:122 Resp: 161
Ion Ratio Lower Upper
122 100
105 93.1 107.5 147.5#
77 359.6 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:164 Resp: 877370
Ion Ratio Lower Upper
164 100
162 99.7 80.3 120.5
160 44.2 35.4 53.2

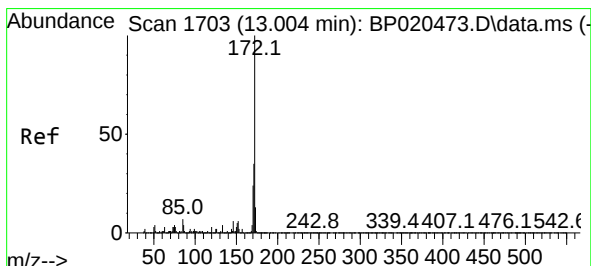
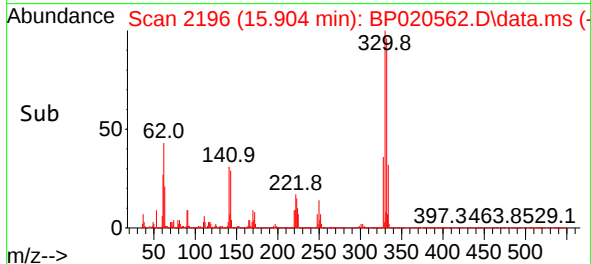
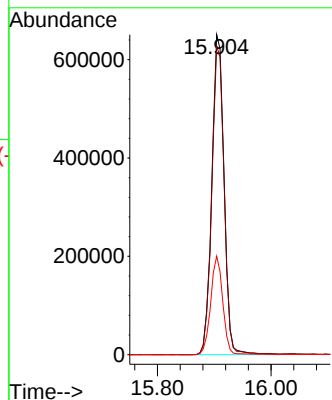
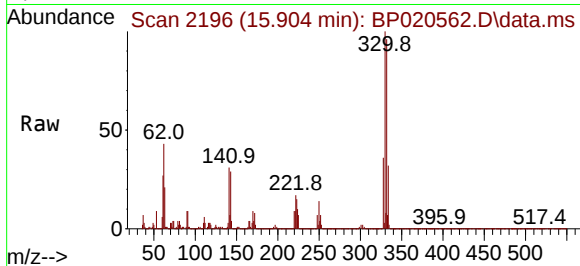




#42
2,4,6-Tribromophenol
Concen: 106.603 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

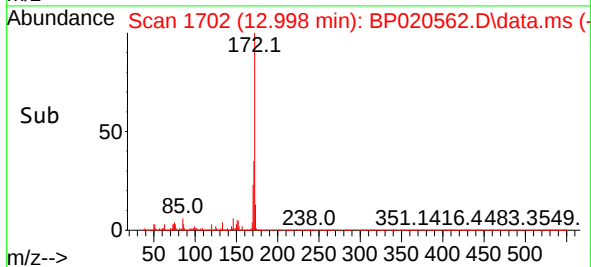
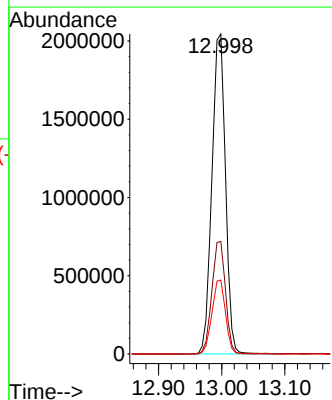
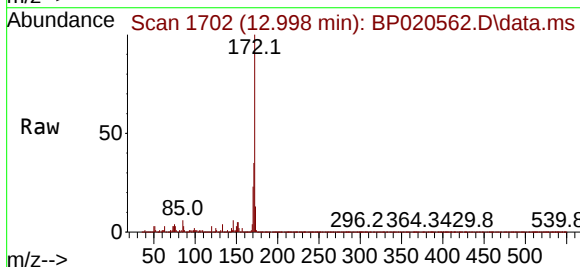
Instrument :
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ClientSampleId :
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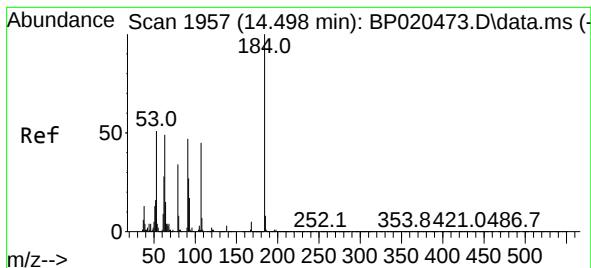
Tgt Ion:330 Resp: 970659
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 30.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 51.727 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:172 Resp: 3044419
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 18.9 28.3

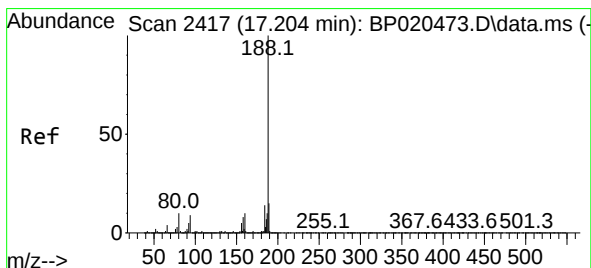
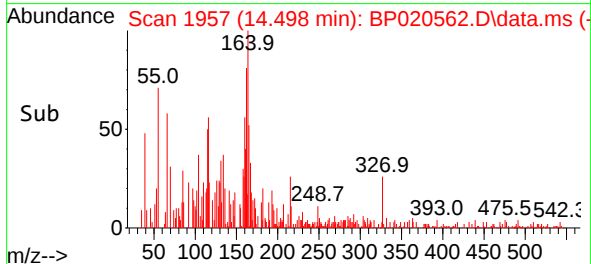
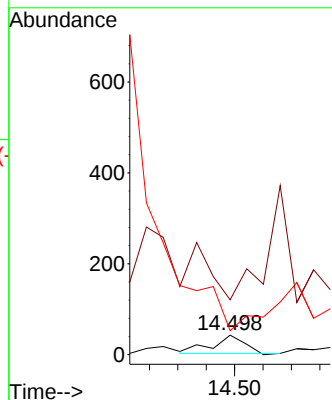
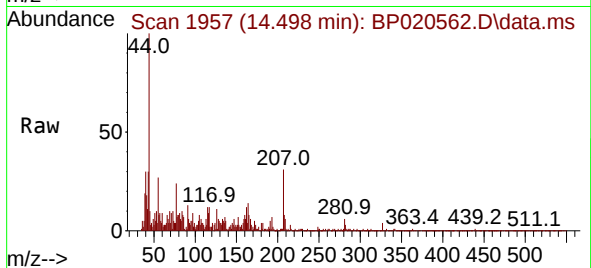




#54
2,4-Dinitrophenol
Concen: 4.980 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

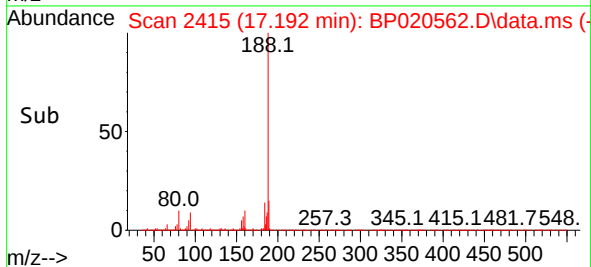
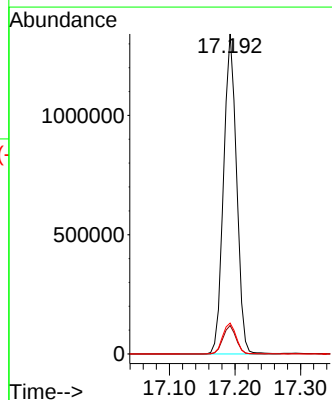
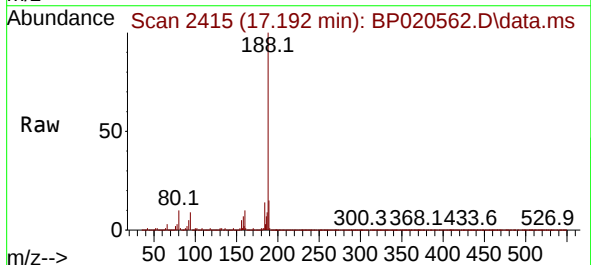
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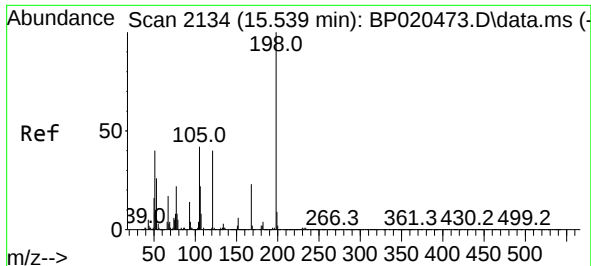
Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 281.4 54.2 81.4#
154 123.3 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:188 Resp: 1839805
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.6 8.1 12.1

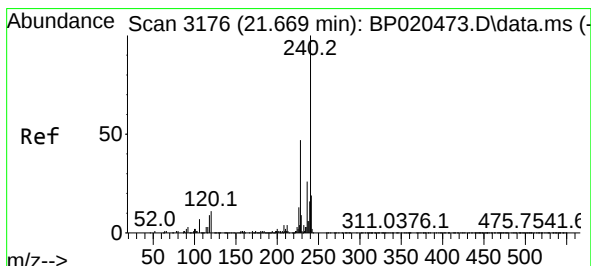
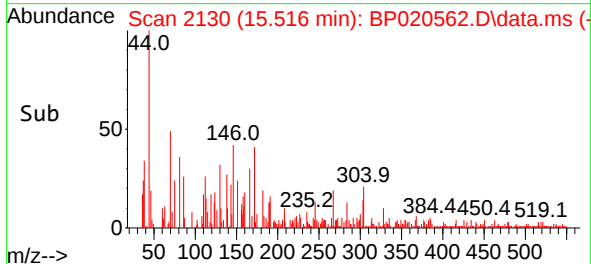
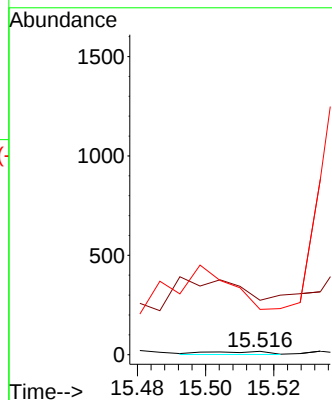
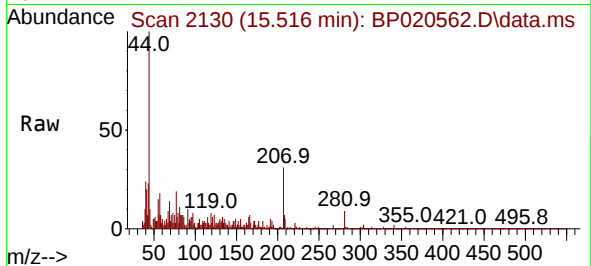




#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 15.516 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

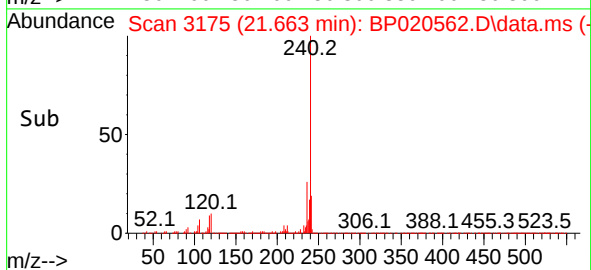
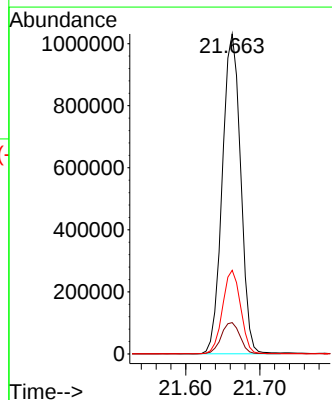
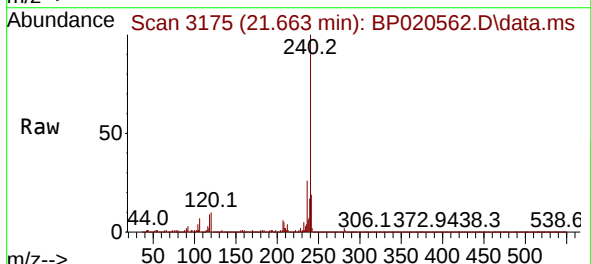
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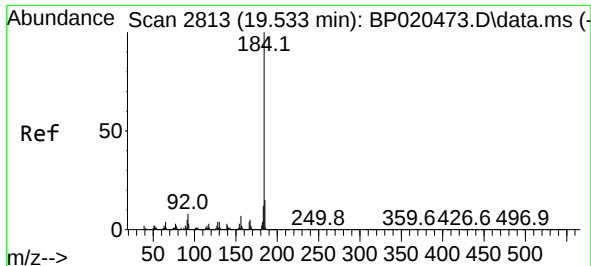
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 1611.8 24.8 64.8#
105 1341.2 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:240 Resp: 1772537
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 26.1 20.5 30.7

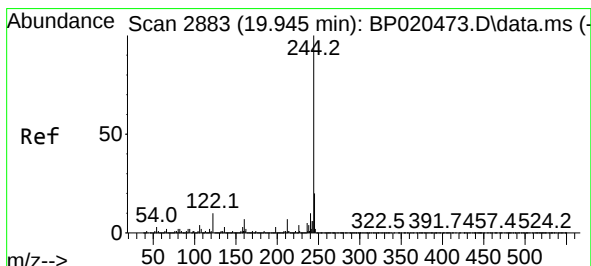
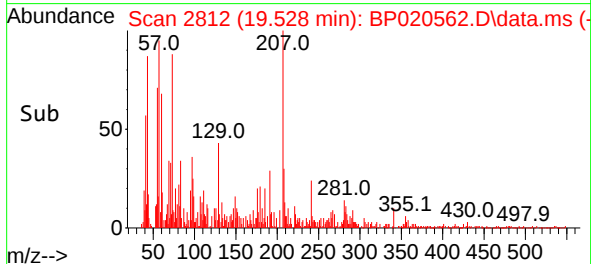
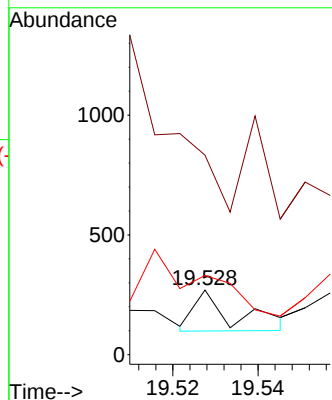
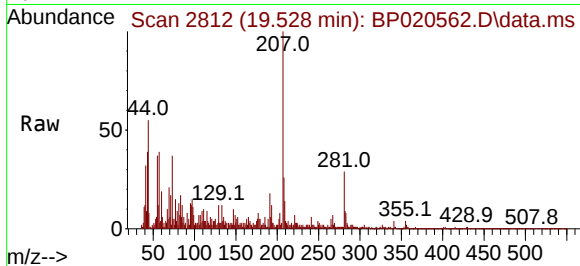




#77
Benzidine
Concen: 5.972 ng
RT: 19.528 min Scan# 2812
Delta R.T. -0.005 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

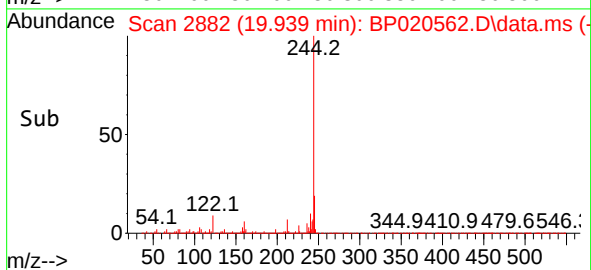
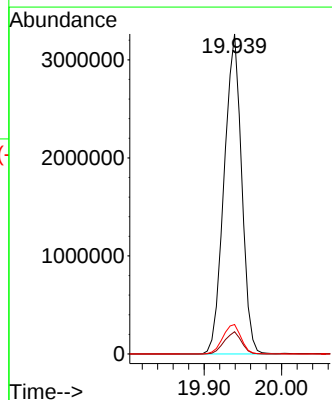
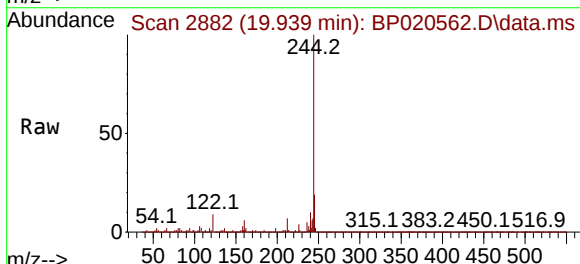
Instrument :
BNA_P
ClientSampleId :
SW-03

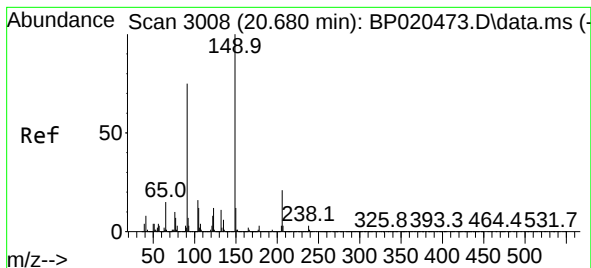
Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
185 308.5 12.0 18.0#
183 122.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 48.178 ng
RT: 19.939 min Scan# 2882
Delta R.T. -0.006 min
Lab File: BP020562.D
Acq: 07 Jun 2024 16:14

Tgt Ion:244 Resp: 5129837
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.642 ng

RT: 20.675 min Scan# 3008

Delta R.T. -0.005 min

Lab File: BP020562.D

Acq: 07 Jun 2024 16:14

Instrument :

BNA_P

ClientSampleId :

SW-03

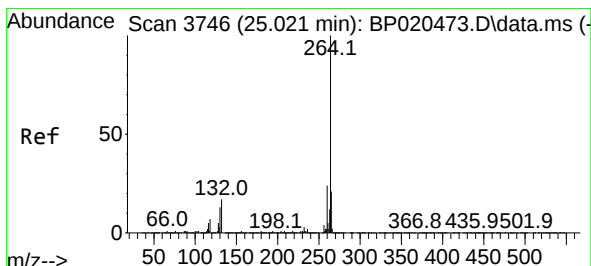
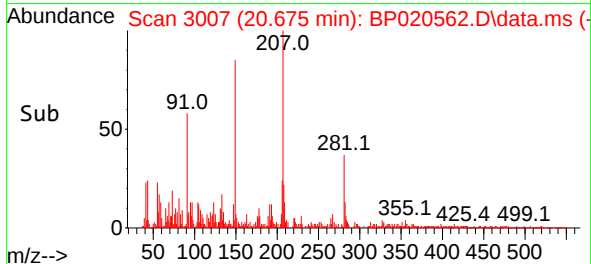
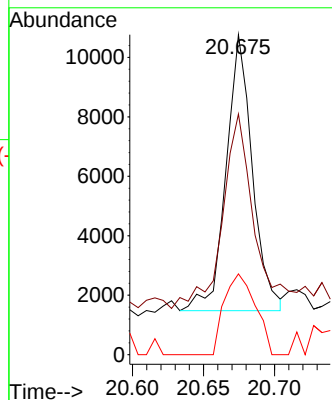
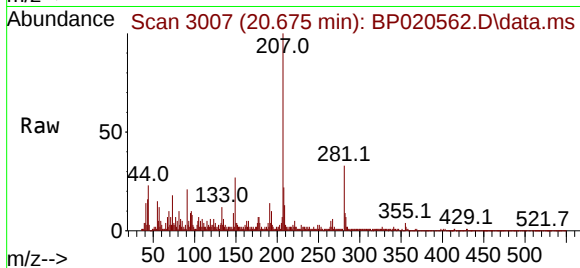
Tgt Ion:149 Resp: 11957

Ion Ratio Lower Upper

149 100

91 75.2 60.0 90.0

206 25.3 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3746

Delta R.T. 0.000 min

Lab File: BP020562.D

Acq: 07 Jun 2024 16:14

Tgt Ion:264 Resp: 2071092

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.2 17.4 26.0

