

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020535.D
 Acq On : 06 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2714-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N28660

Quant Time: Jun 06 04:52:18 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)

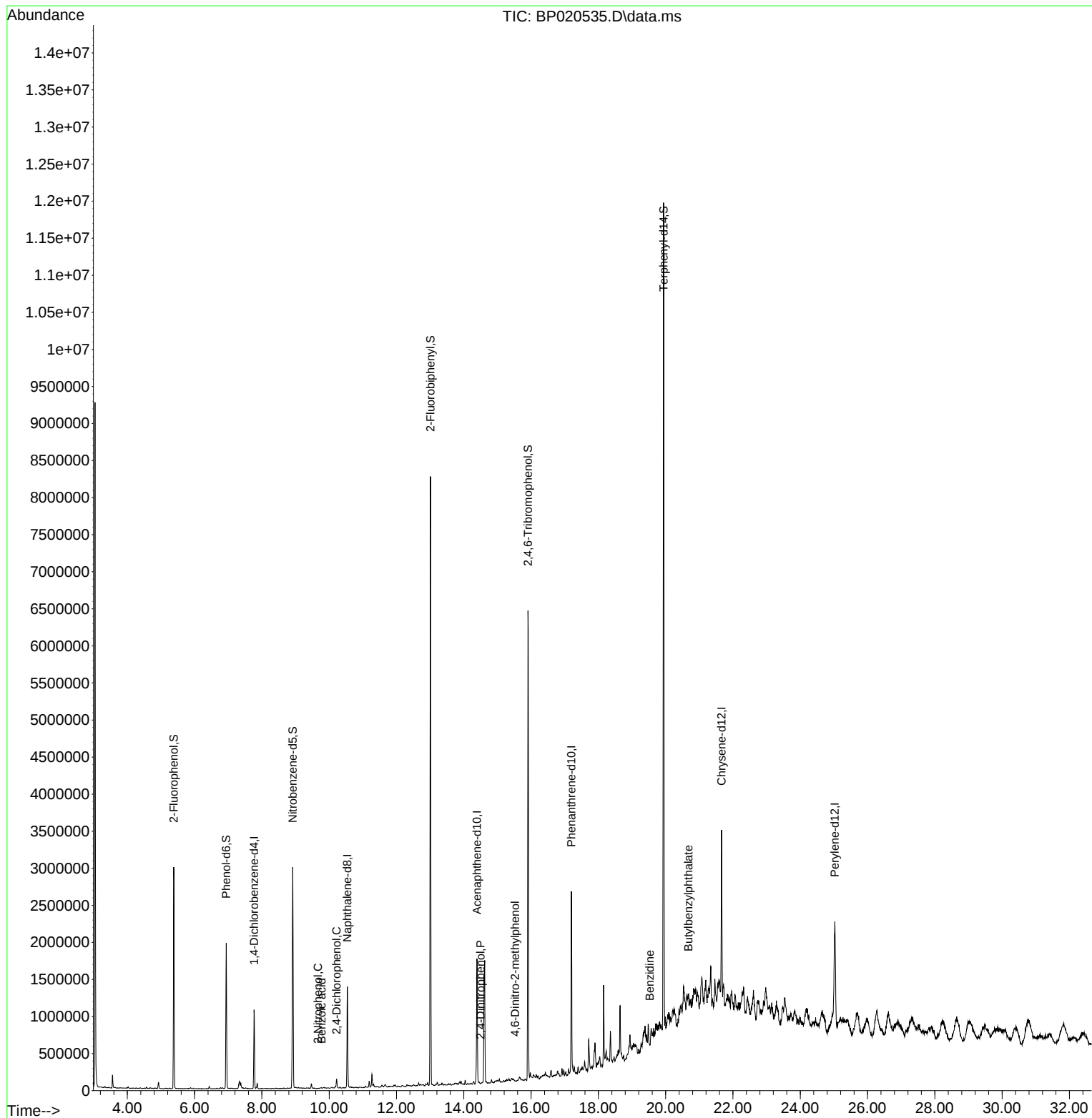
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	286912	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1070613	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	692383	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1471245	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1326666	20.000	ng	0.00
86) Perylene-d12	25.027	264	1562919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1300678	81.168	ng	0.00
7) Phenol-d6	6.940	99	1110290	49.131	ng	0.00
23) Nitrobenzene-d5	8.916	82	1828920	93.512	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1344166	187.064	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3956359	85.182	ng	0.00
79) Terphenyl-d14	19.939	244	6779114	85.066	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.663	139	271	3.823	ng	# 38
29) 2,4-Dichlorophenol	10.222	162	52149	3.386	ng	90
32) Benzoic acid	9.775	122	2387	7.036	ng	92
54) 2,4-Dinitrophenol	14.498	184	70	4.993	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.528	198	78	7.663	ng	# 1
77) Benzidine	19.527	184	413	5.978	ng	# 1
80) Butylbenzylphthalate	20.674	149	3201	2.507	ng	# 1

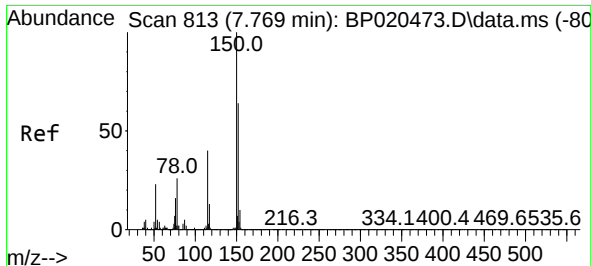
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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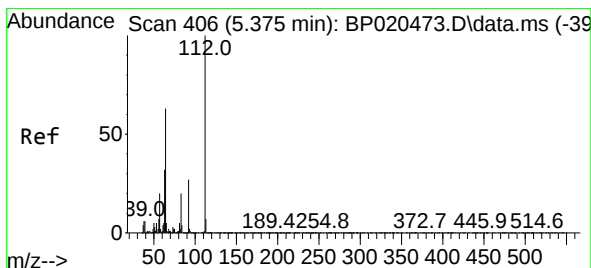
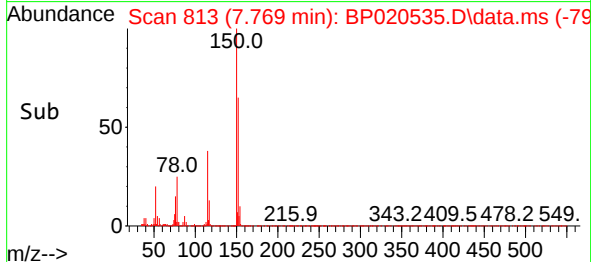
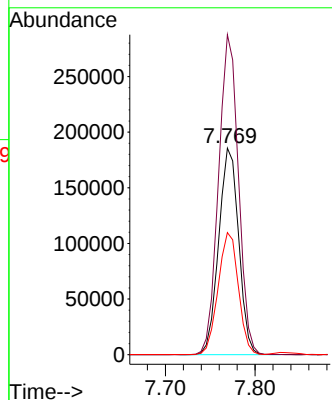
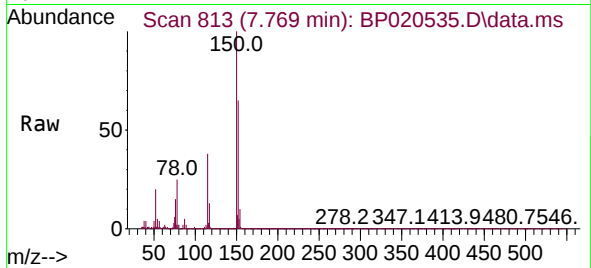




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

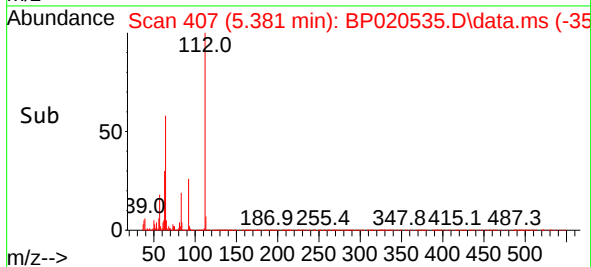
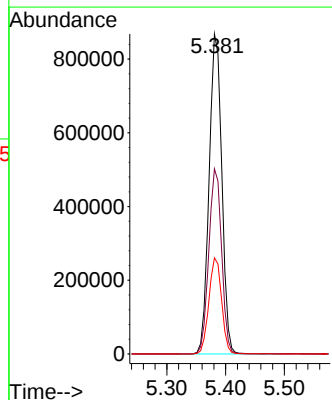
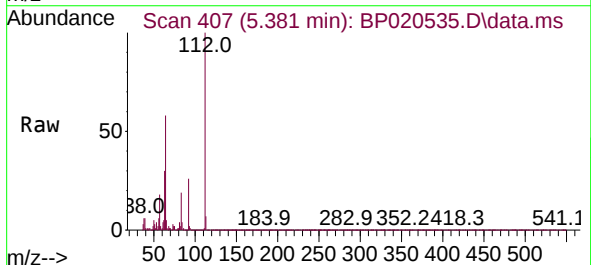
Instrument :
BNA_P
ClientSampleId :
N28660

Tgt Ion:152 Resp: 286912
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 81.168 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

Tgt Ion:112 Resp: 1300678
Ion Ratio Lower Upper
112 100
64 57.9 50.1 75.1
63 30.1 25.7 38.5

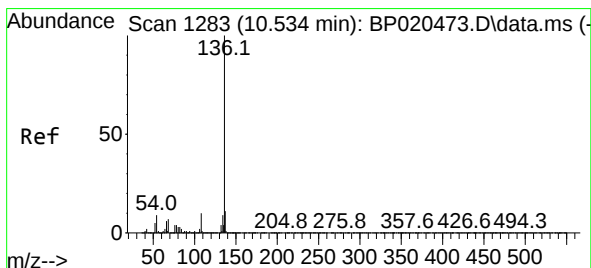
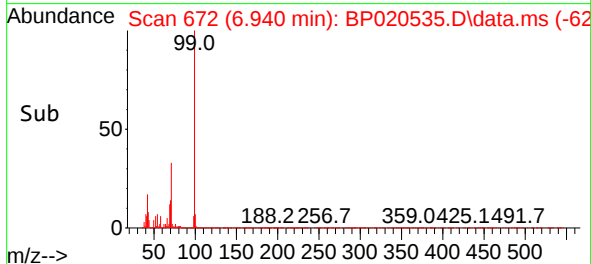
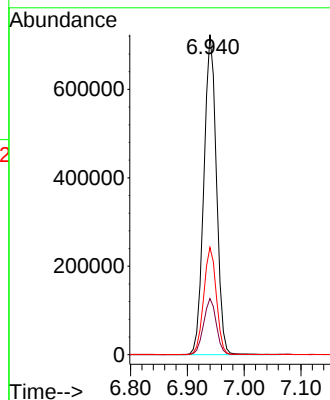
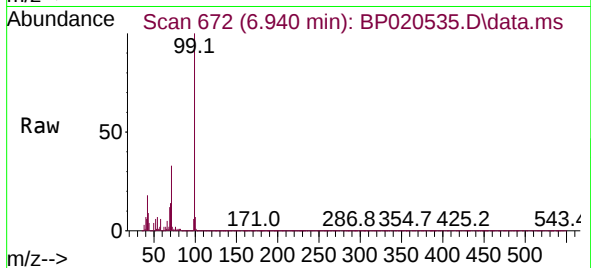




#7
Phenol-d6
Concen: 49.131 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

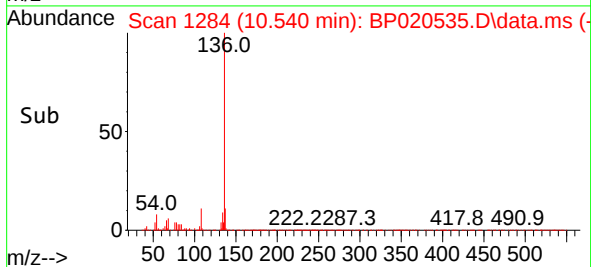
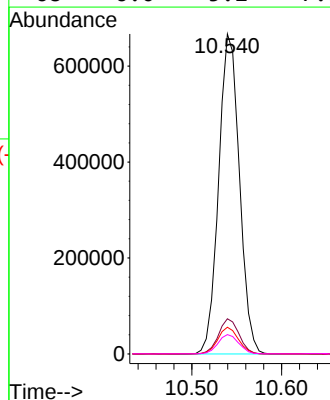
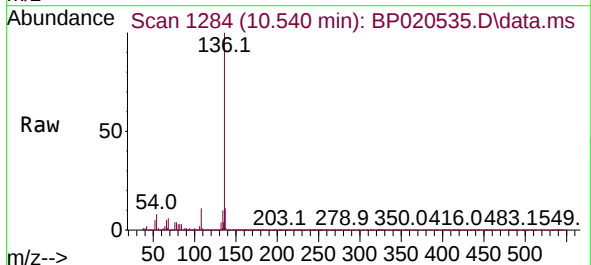
Instrument :
BNA_P
ClientSampleId :
N28660

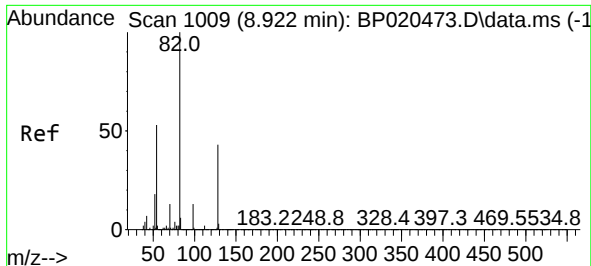
Tgt Ion: 99 Resp: 1110290
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 33.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

Tgt Ion: 136 Resp: 1070613
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.4 7.4 11.0
68 6.0 5.2 7.8

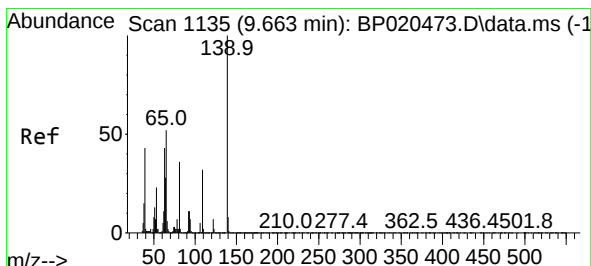
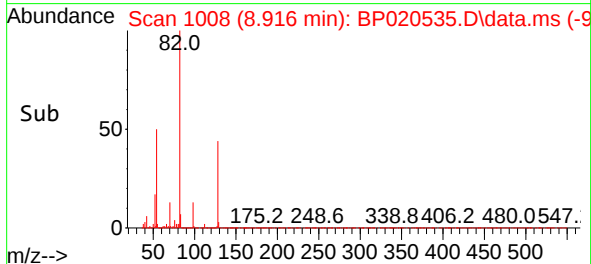
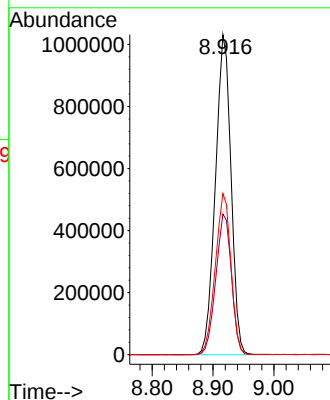
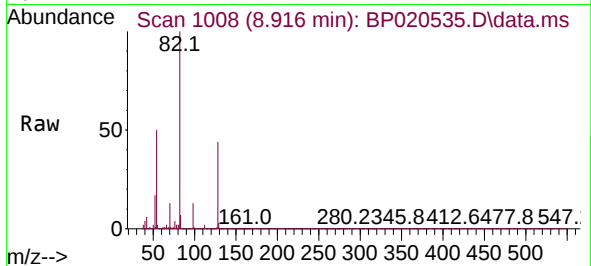




#23
Nitrobenzene-d5
Concen: 93.512 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

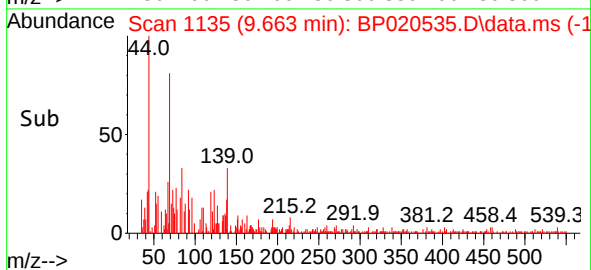
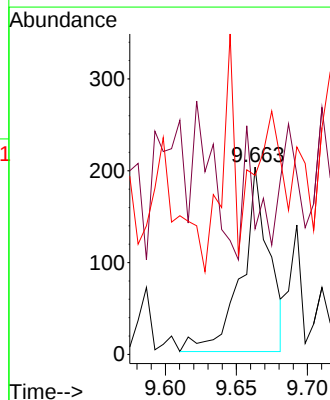
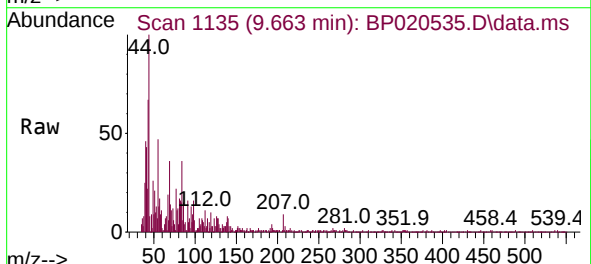
Instrument :
BNA_P
ClientSampleId :
N28660

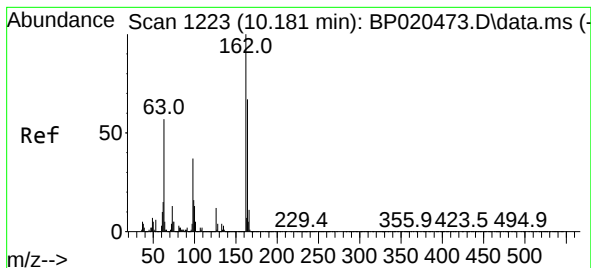
Tgt Ion: 82 Resp: 1828920
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 50.3 42.7 64.1



#26
2-Nitrophenol
Concen: 3.823 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

Tgt Ion:139 Resp: 271
Ion Ratio Lower Upper
139 100
109 67.2 25.8 38.8#
65 95.6 41.8 62.8#





#29

2,4-Dichlorophenol

Concen: 3.386 ng

RT: 10.222 min Scan# 1154

Delta R.T. 0.041 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

Instrument :

BNA_P

ClientSampleId :

N28660

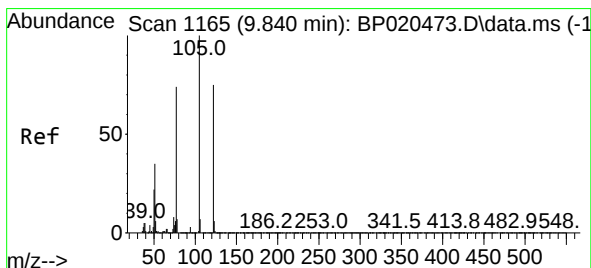
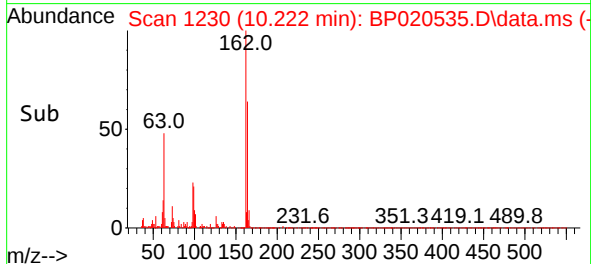
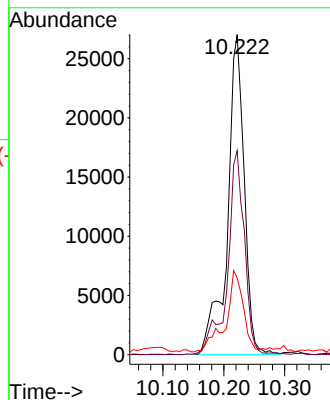
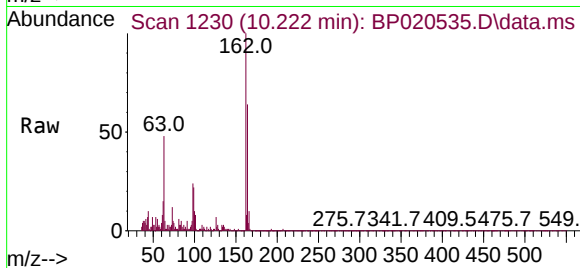
Tgt Ion:162 Resp: 52149

Ion Ratio Lower Upper

162 100

164 63.7 46.5 86.5

98 24.0 17.4 57.4



#32

Benzoic acid

Concen: 7.036 ng

RT: 9.775 min Scan# 1154

Delta R.T. -0.065 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

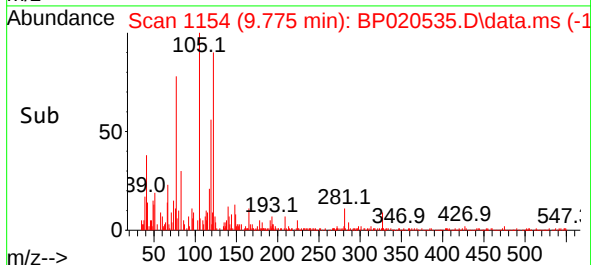
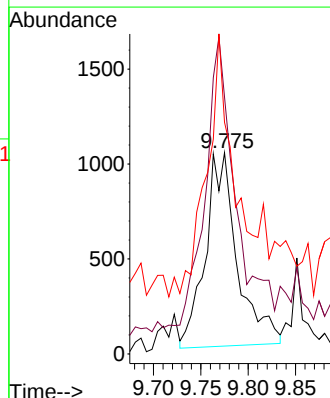
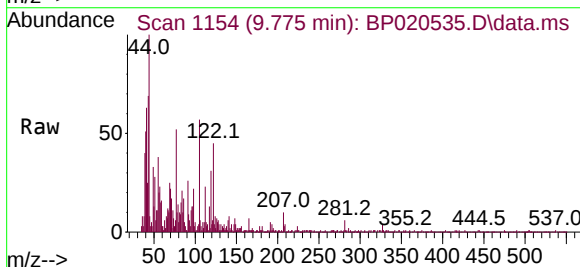
Tgt Ion:122 Resp: 2387

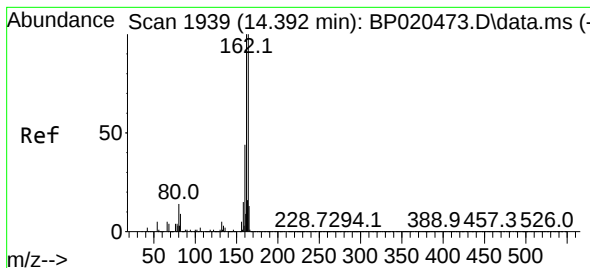
Ion Ratio Lower Upper

122 100

105 127.6 107.5 147.5

77 115.1 76.1 116.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

Instrument :

BNA_P

ClientSampleId :

N28660

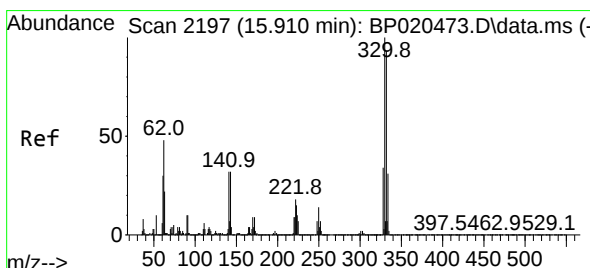
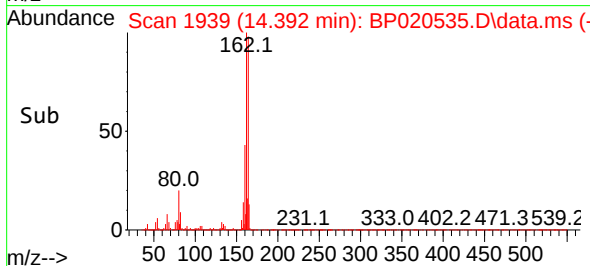
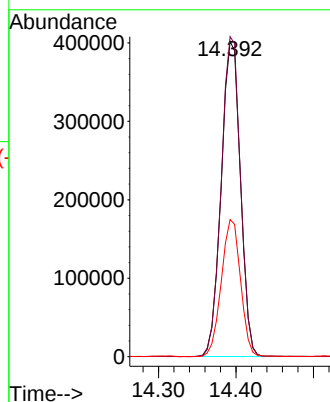
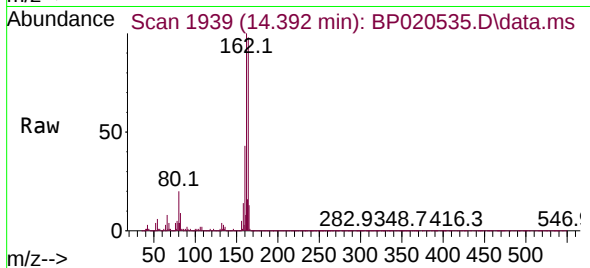
Tgt Ion:164 Resp: 692383

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 43.5 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 187.064 ng

RT: 15.910 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

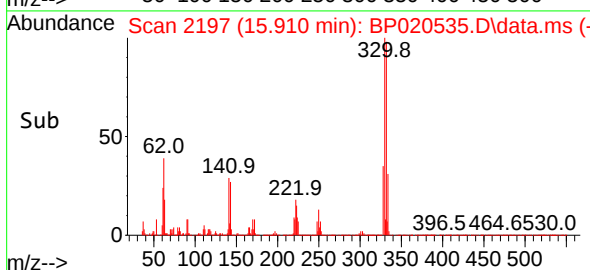
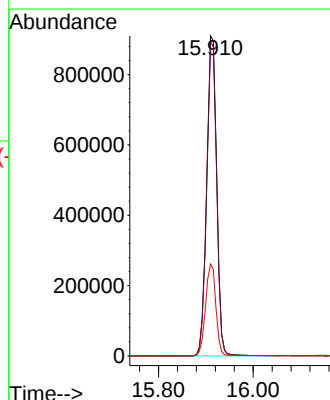
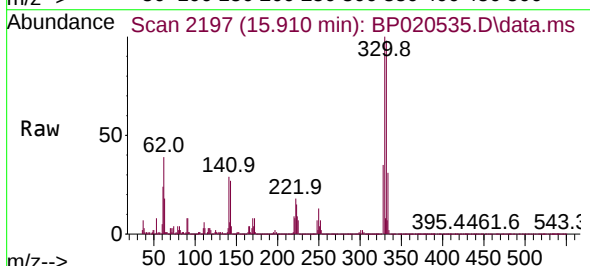
Tgt Ion:330 Resp: 1344166

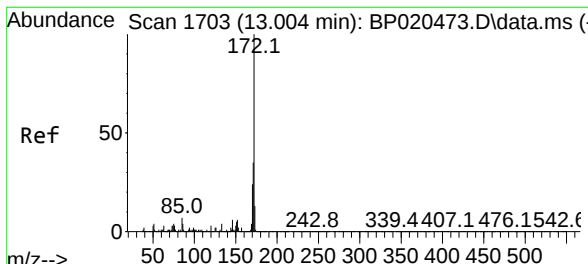
Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

141 29.2 27.1 40.7

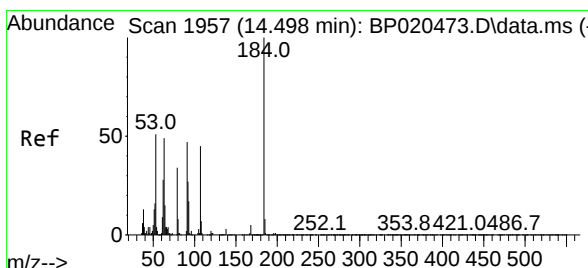
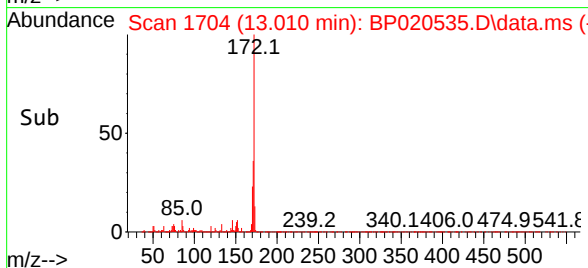
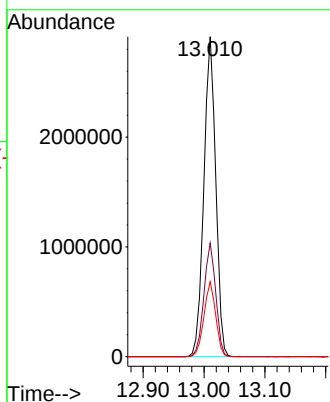
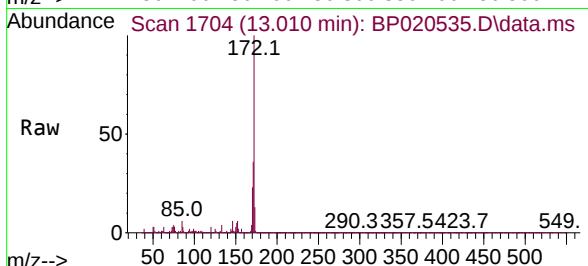




#45
2-Fluorobiphenyl
Concen: 85.182 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

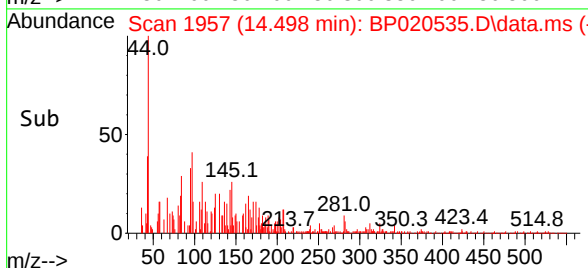
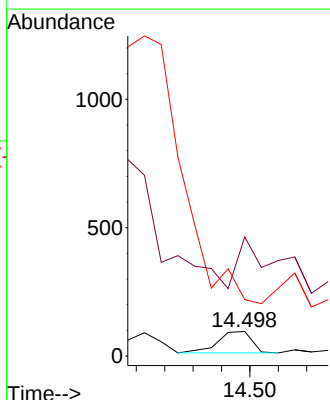
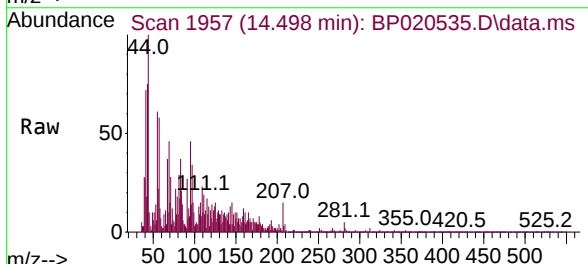
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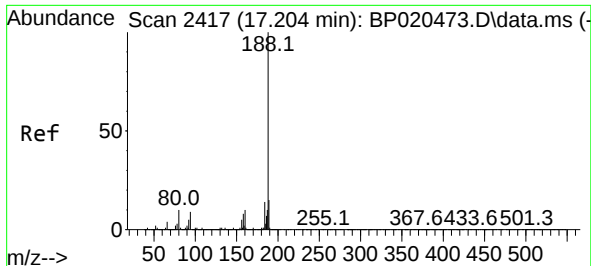
Tgt Ion:172 Resp: 3956359
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.993 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 483.3 54.2 81.4#
154 229.2 51.0 76.6#

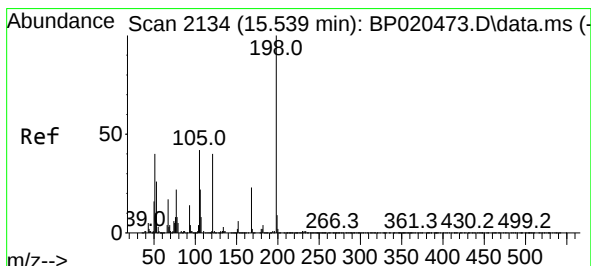
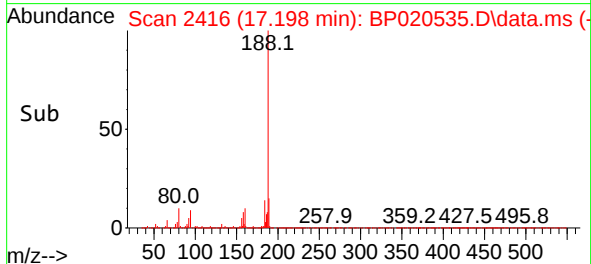
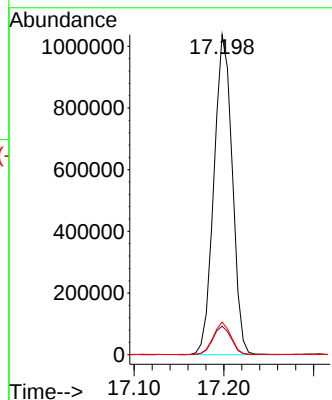
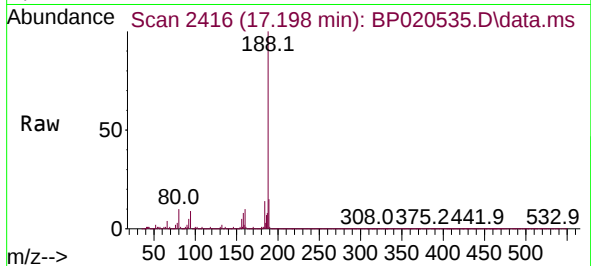




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

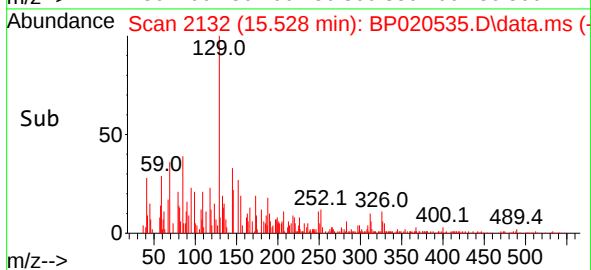
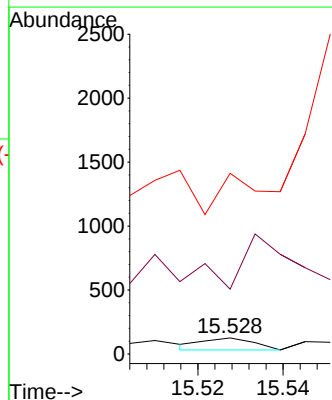
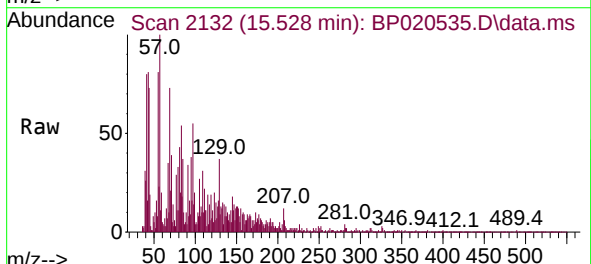
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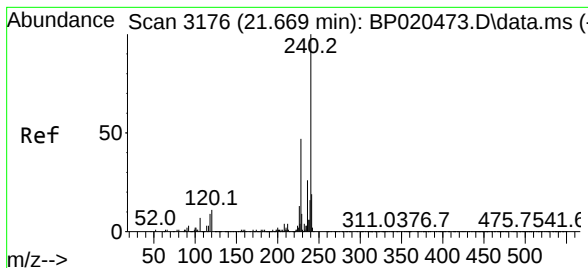
Tgt Ion:188 Resp: 1471245
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.2 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.663 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP020535.D
Acq: 06 Jun 2024 03:54

Tgt Ion:198 Resp: 78
Ion Ratio Lower Upper
198 100
51 405.6 24.8 64.8#
105 1130.4 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

Instrument :

BNA_P

ClientSampleId :

N28660

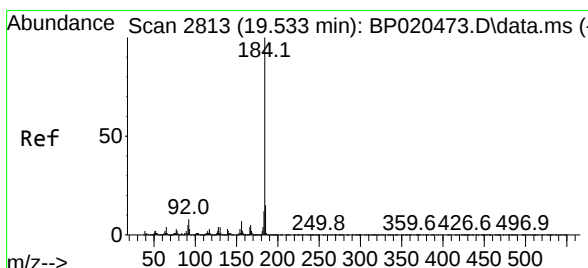
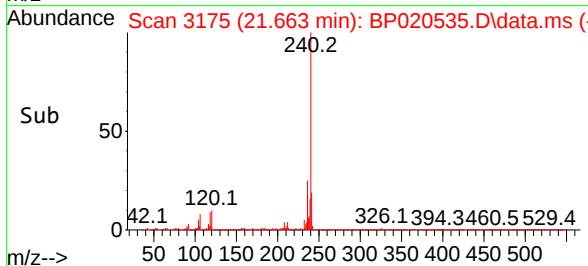
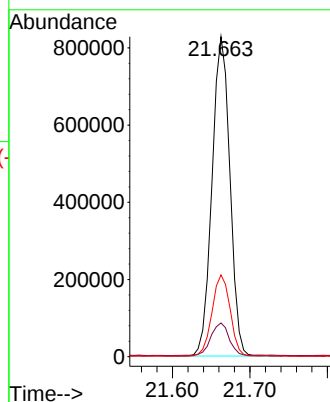
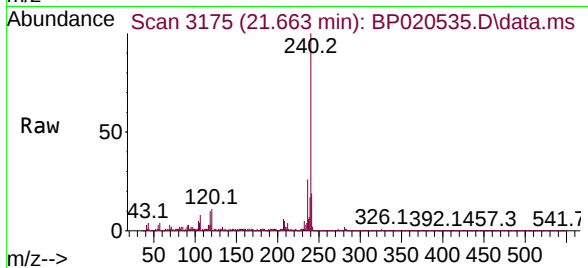
Tgt Ion:240 Resp: 1326666

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.5 20.5 30.7



#77

Benzidine

Concen: 5.978 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP020535.D

Acq: 06 Jun 2024 03:54

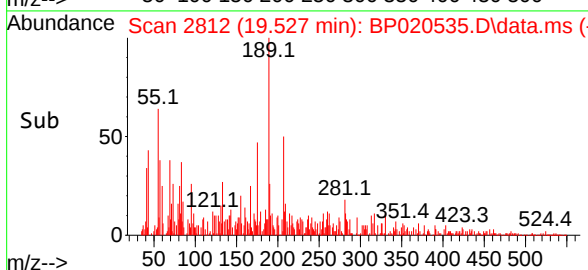
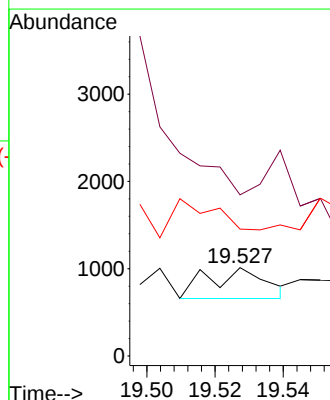
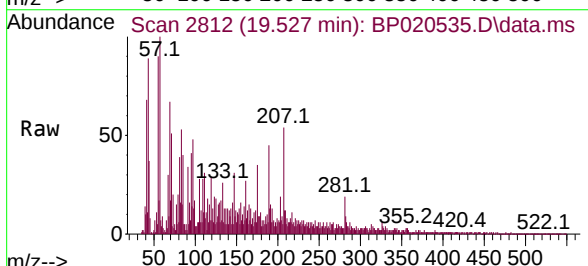
Tgt Ion:184 Resp: 413

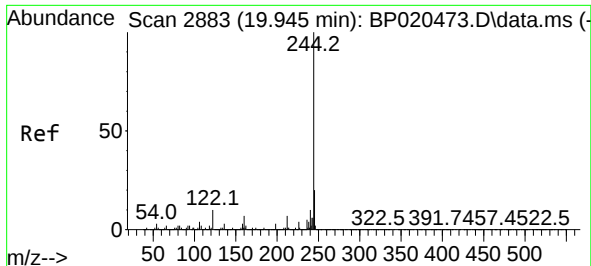
Ion Ratio Lower Upper

184 100

185 182.5 12.0 18.0#

183 143.7 9.4 14.0#

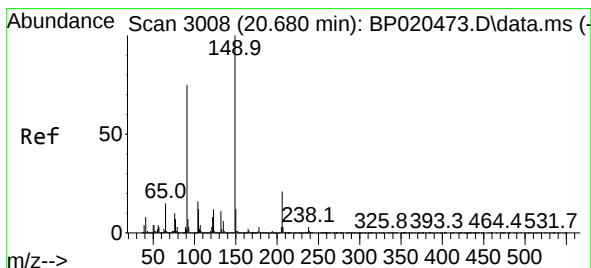
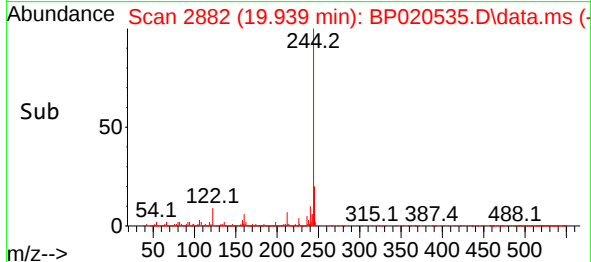
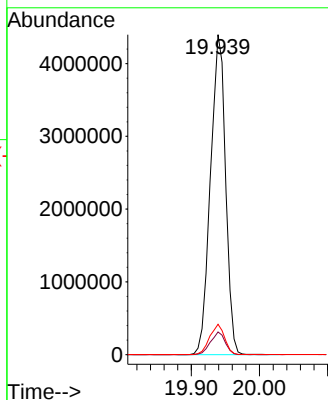
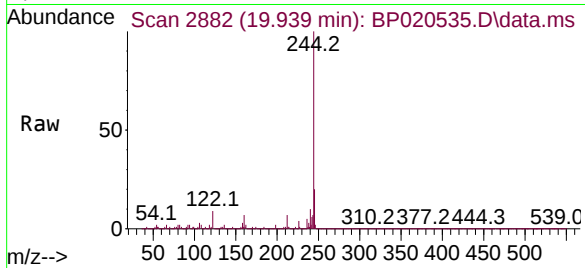




#79
 Terphenyl-d14
 Concen: 85.066 ng
 RT: 19.939 min Scan# 2882
 Delta R.T. -0.006 min
 Lab File: BP020535.D
 Acq: 06 Jun 2024 03:54

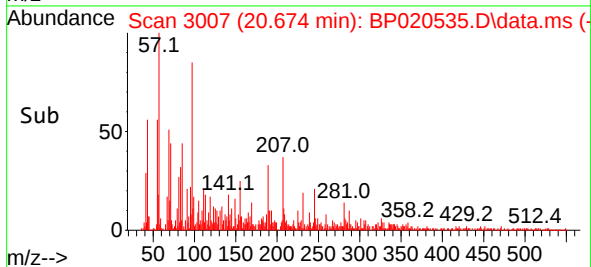
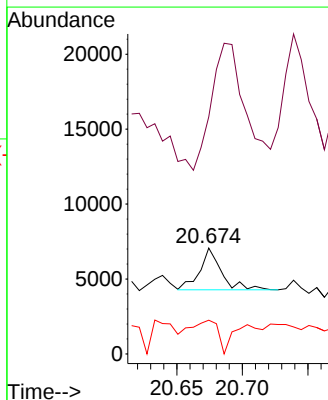
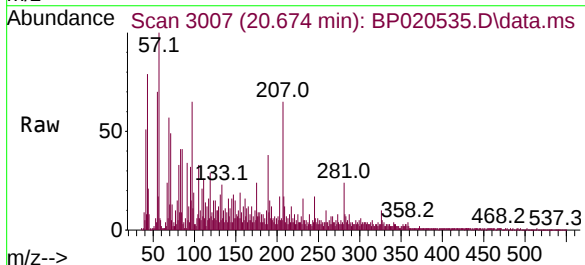
Instrument :
 BNA_P
 ClientSampleId :
 N28660

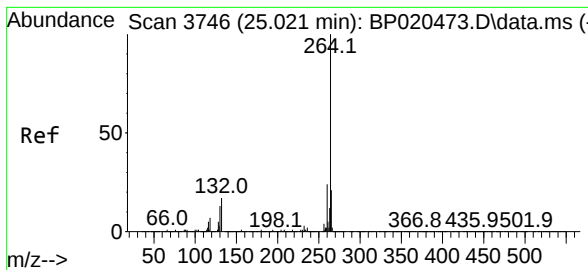
Tgt Ion:244 Resp: 6779114
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.507 ng
 RT: 20.674 min Scan# 3007
 Delta R.T. -0.006 min
 Lab File: BP020535.D
 Acq: 06 Jun 2024 03:54

Tgt Ion:149 Resp: 3201
 Ion Ratio Lower Upper
 149 100
 91 223.9 60.0 90.0#
 206 31.9 16.6 25.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.027 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP020535.D
 Acq: 06 Jun 2024 03:54

Instrument :
 BNA_P
 ClientSampleId :
 N28660

Tgt Ion:264 Resp: 1562919

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.9	17.4	26.0

