

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020527.D
 Acq On : 05 Jun 2024 22:00
 Operator : MA/JU
 Sample : P2662-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPR

Quant Time: Jun 06 01:15:43 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)

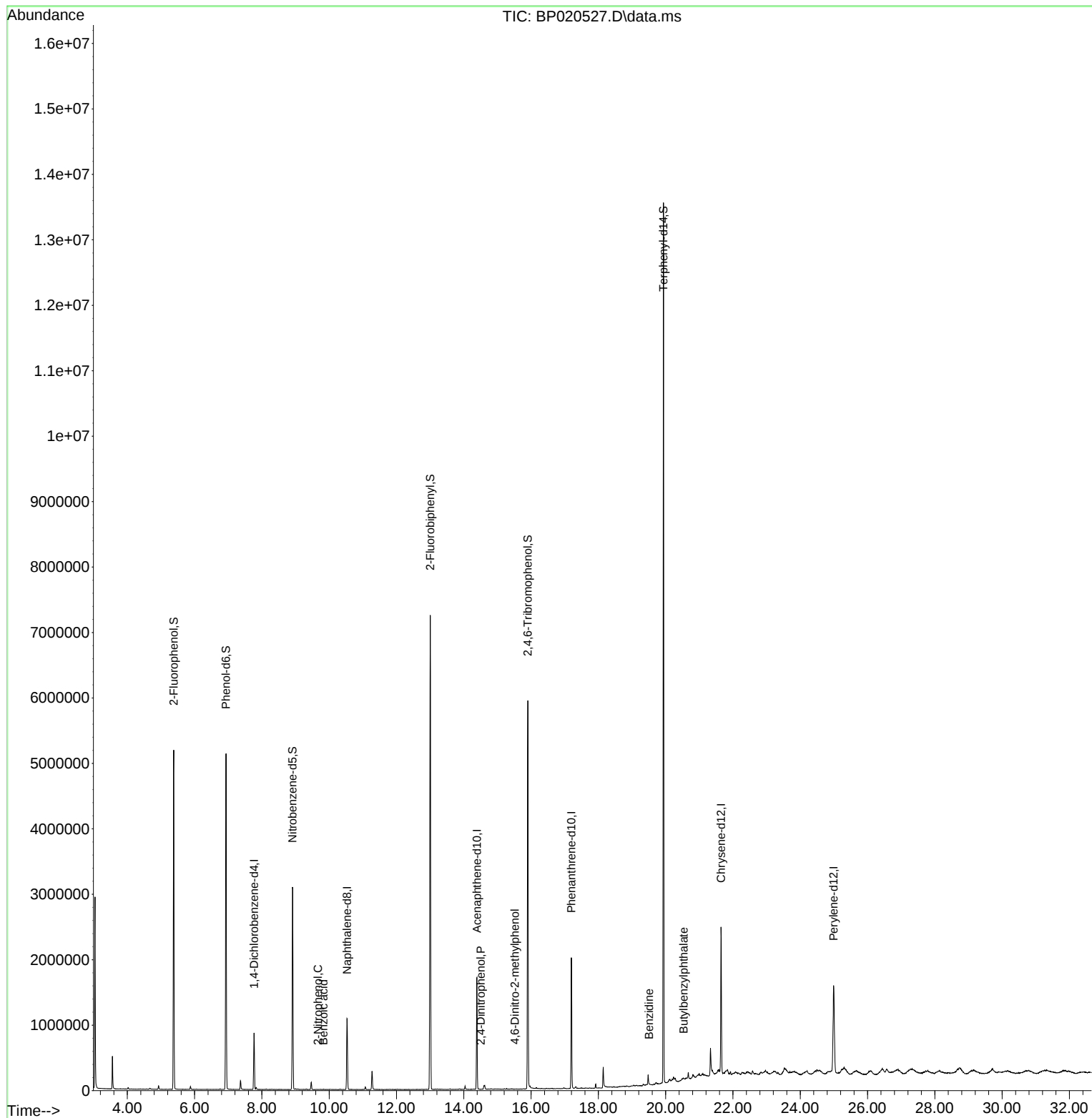
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	247703	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	970349	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	606286	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1255762	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1231396	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1403825	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2200515	159.058	ng	0.00
7) Phenol-d6	6.934	99	2829754	145.039	ng	0.00
23) Nitrobenzene-d5	8.910	82	1787230	100.823	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1170336	186.002	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4051465	99.617	ng	0.00
79) Terphenyl-d14	19.933	244	6546613	88.504	ng	-0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.663	139	48	3.797	ng	# 18
32) Benzoic acid	9.828	122	37	6.851	ng	# 1
54) 2,4-Dinitrophenol	14.510	184	30	4.983	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	12	7.655	ng	# 1
77) Benzidine	19.510	184	99	5.973	ng	# 1
80) Butylbenzylphthalate	20.533	149	770	2.451	ng	96

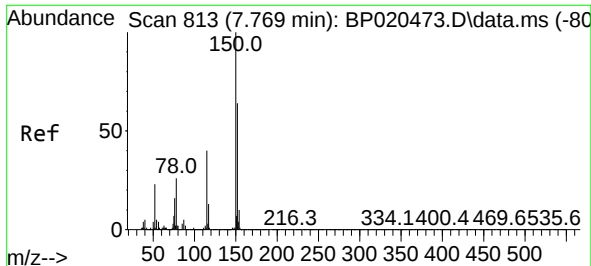
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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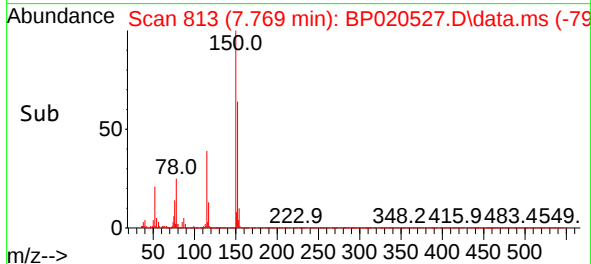
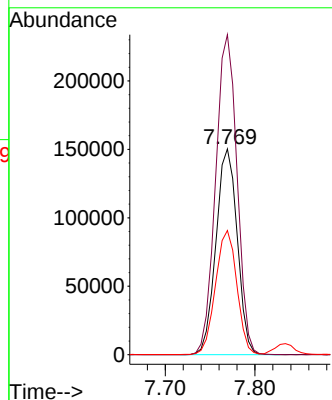
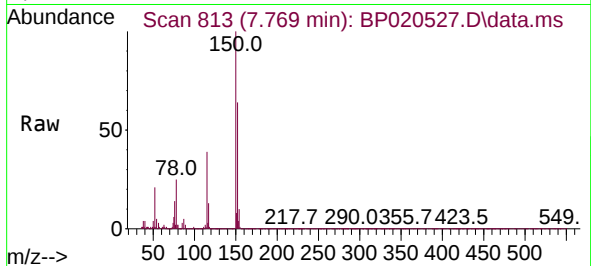




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

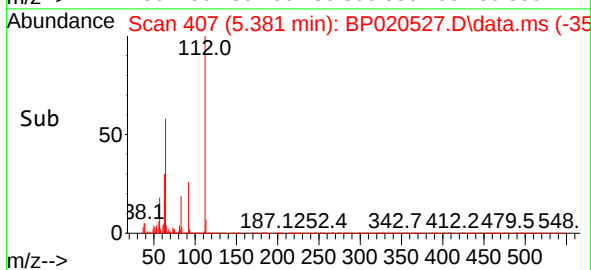
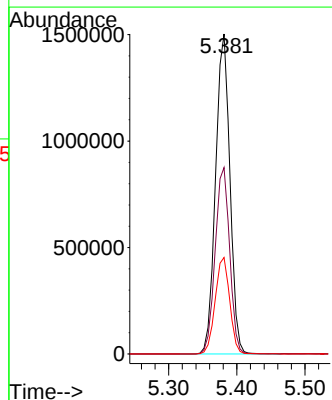
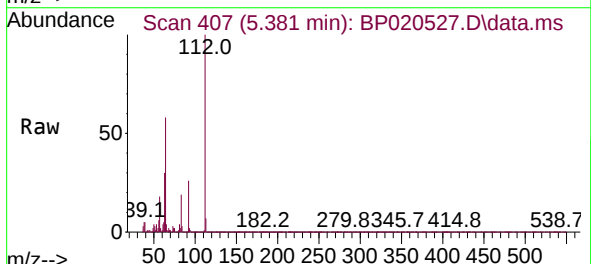
Instrument :
BNA_P
ClientSampleId :
WCS-TPR

Tgt Ion:152 Resp: 247703
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 60.3 49.5 74.3



#5
2-Fluorophenol
Concen: 159.058 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:112 Resp: 2200515
Ion Ratio Lower Upper
112 100
64 58.2 50.1 75.1
63 30.1 25.7 38.5



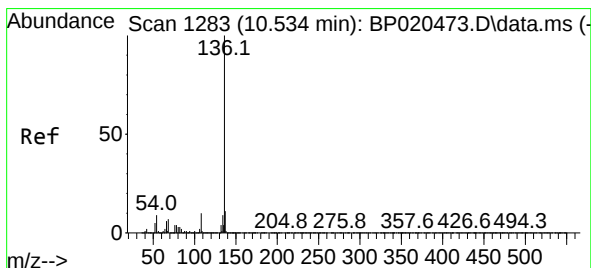
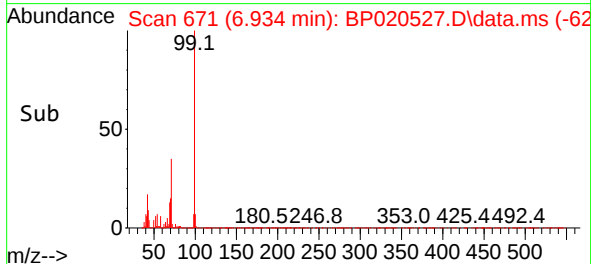
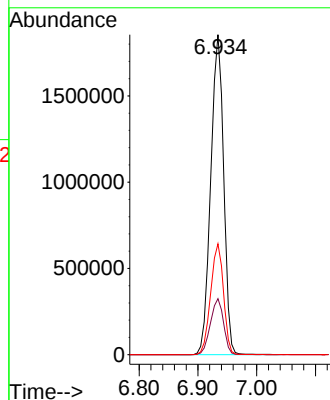
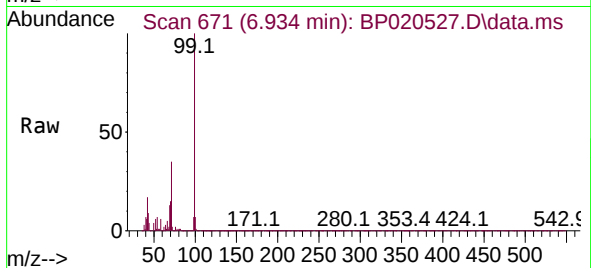


#7
Phenol-d6
Concen: 145.039 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Instrument :
BNA_P
ClientSampleId :
WCS-TPR

Tgt Ion: 99 Resp: 2829754

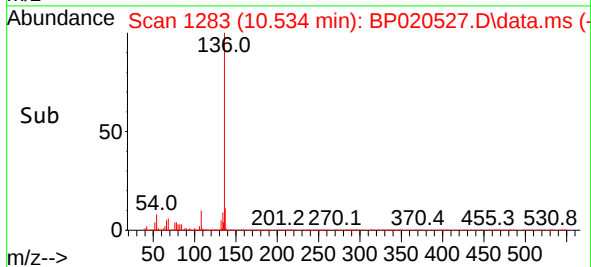
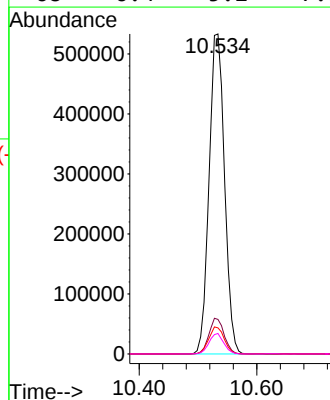
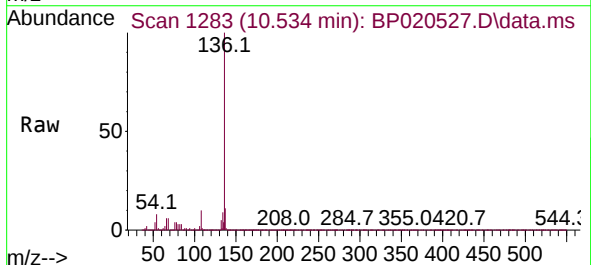
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	34.7	27.3	40.9

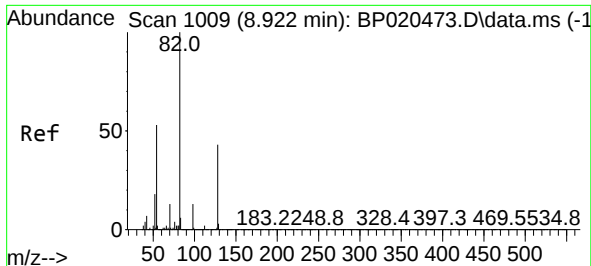


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:136 Resp: 970349

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.2	7.4	11.0
68	6.4	5.2	7.8

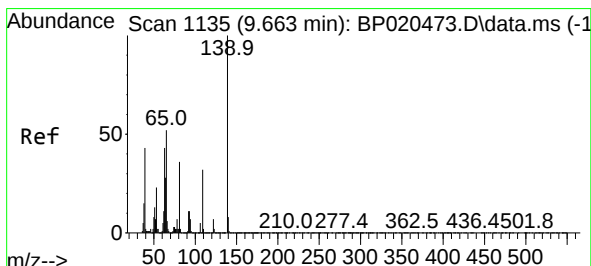
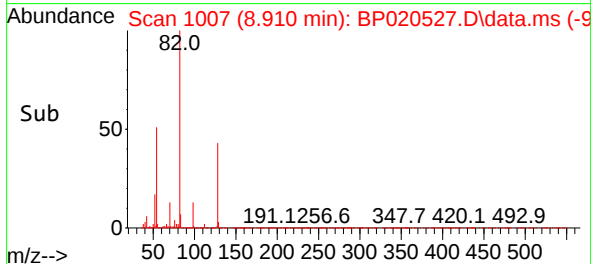
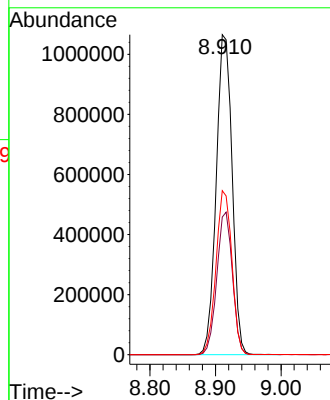
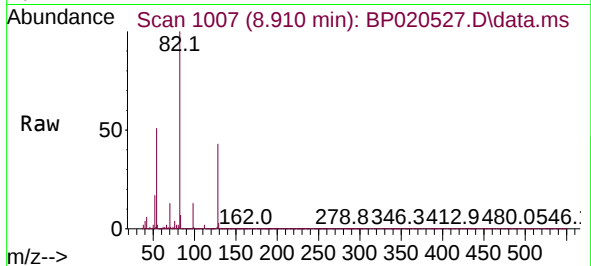




#23
Nitrobenzene-d5
Concen: 100.823 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

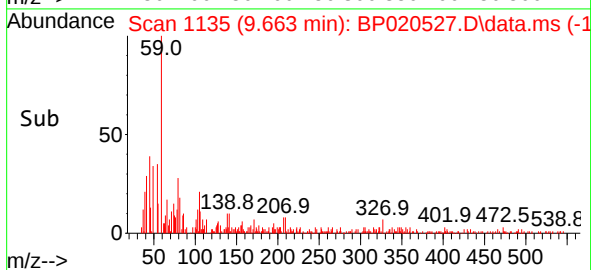
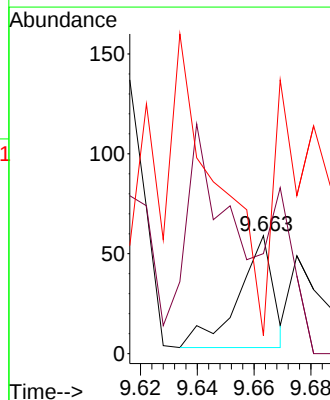
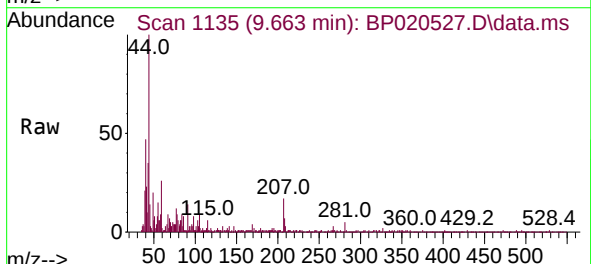
Instrument :
BNA_P
ClientSampleId :
WCS-TPR

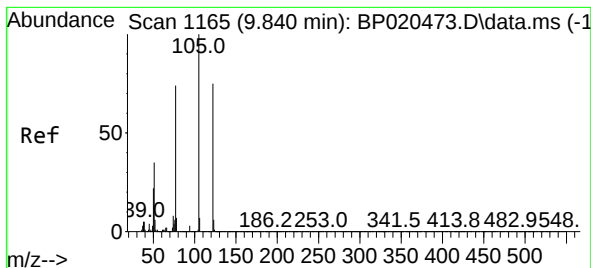
Tgt Ion: 82 Resp: 1787230
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 3.797 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:139 Resp: 48
Ion Ratio Lower Upper
139 100
109 105.1 25.8 38.8#
65 15.3 41.8 62.8#





#32

Benzoic acid

Concen: 6.851 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BP020527.D

Acq: 05 Jun 2024 22:00

Instrument :

BNA_P

ClientSampleId :

WCS-TPR

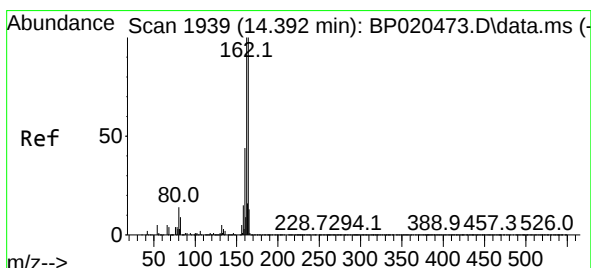
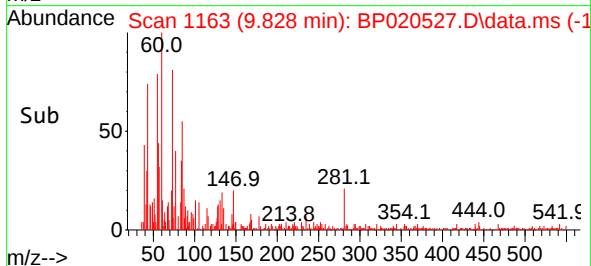
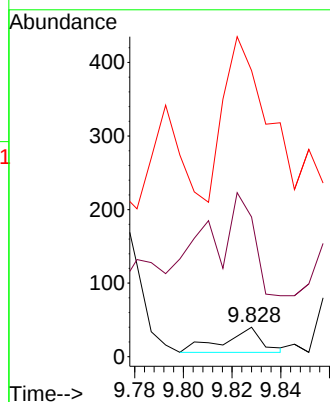
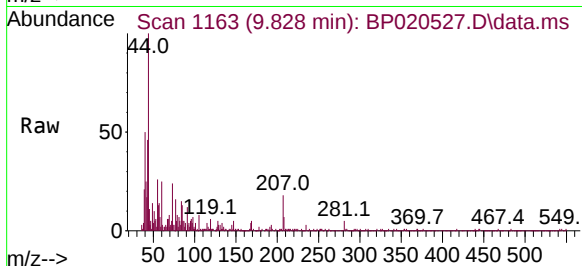
Tgt Ion:122 Resp: 37

Ion Ratio Lower Upper

122 100

105 475.0 107.5 147.5#

77 972.5 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: BP020527.D

Acq: 05 Jun 2024 22:00

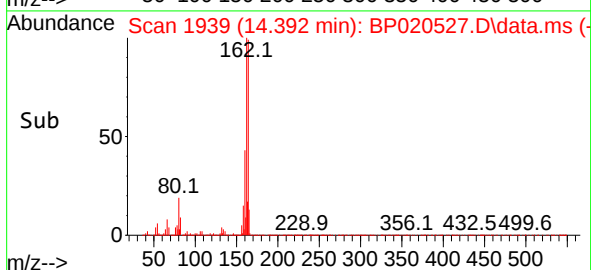
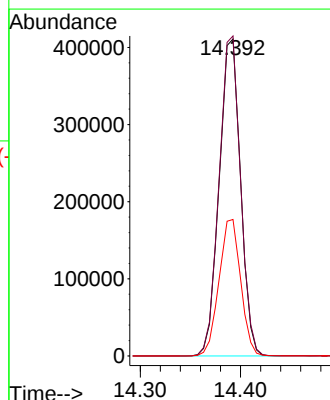
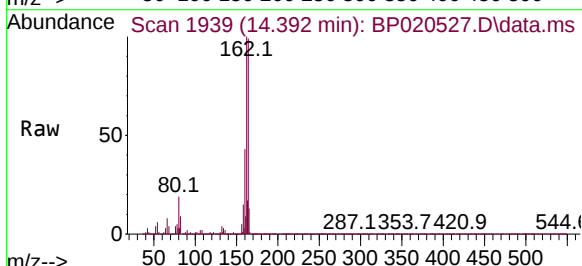
Tgt Ion:164 Resp: 606286

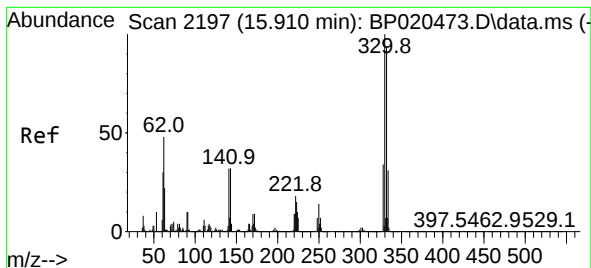
Ion Ratio Lower Upper

164 100

162 101.0 80.3 120.5

160 43.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 186.002 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020527.D

Acq: 05 Jun 2024 22:00

Instrument :

BNA_P

ClientSampleId :

WCS-TPR

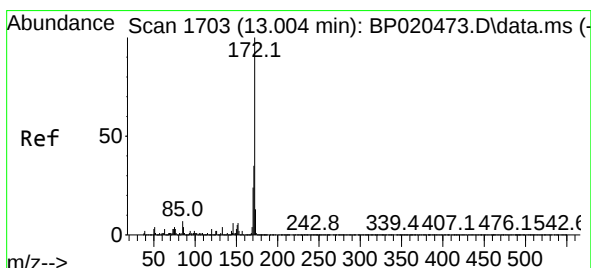
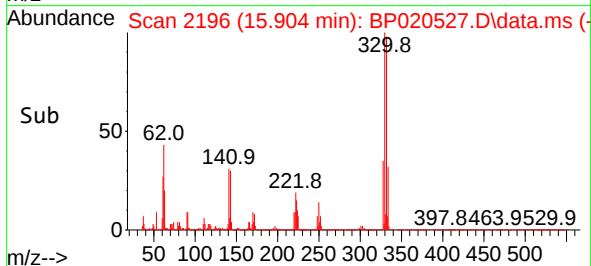
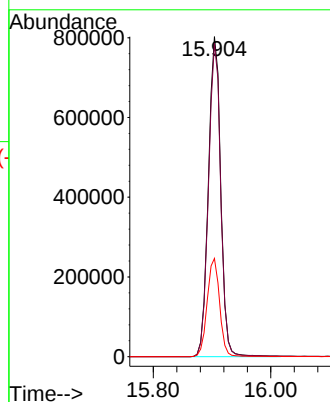
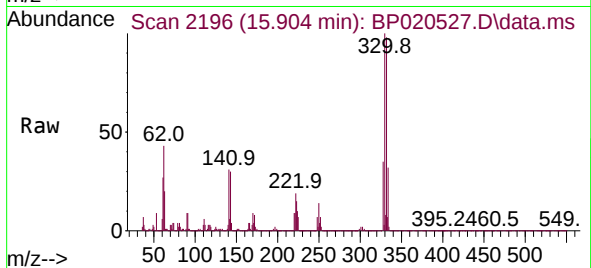
Tgt Ion:330 Resp: 1170336

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

141 31.1 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 99.617 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020527.D

Acq: 05 Jun 2024 22:00

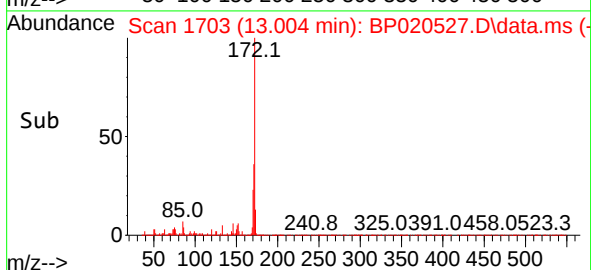
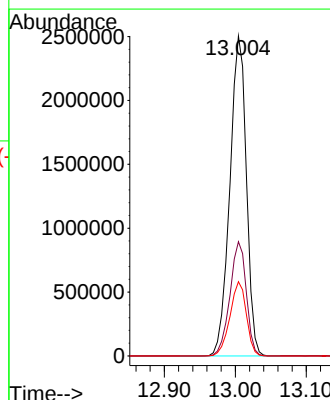
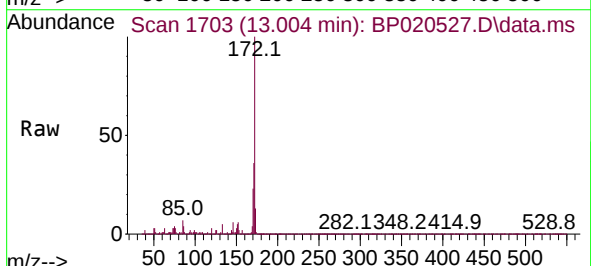
Tgt Ion:172 Resp: 4051465

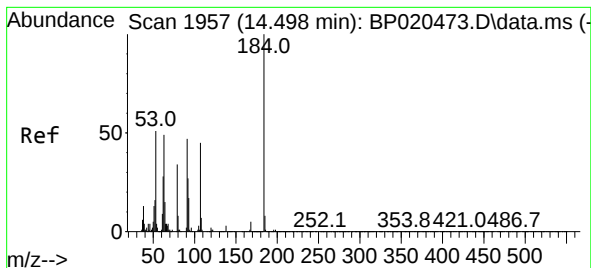
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.2 18.9 28.3

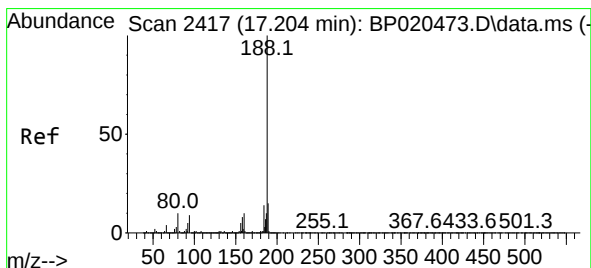
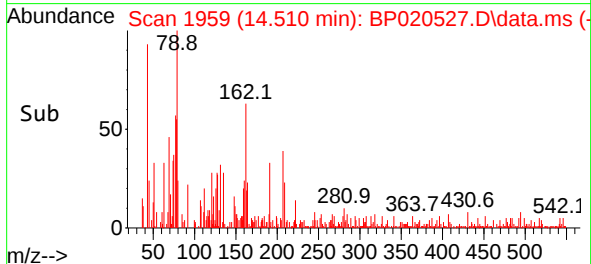
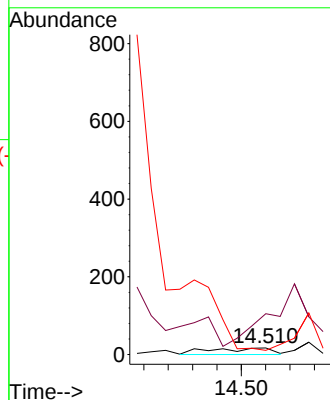
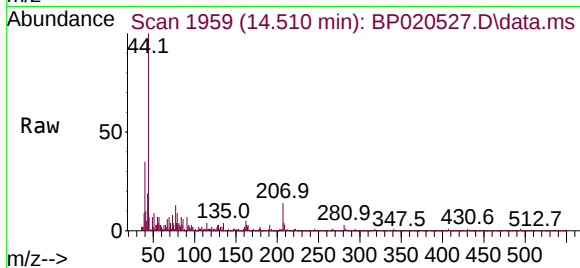




#54
2,4-Dinitrophenol
Concen: 4.983 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

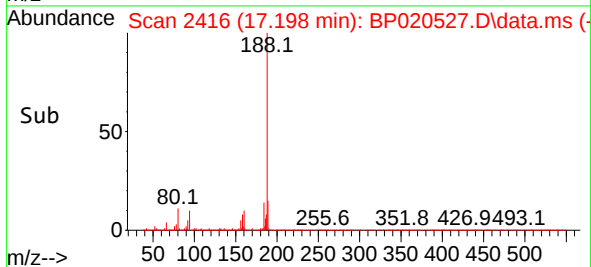
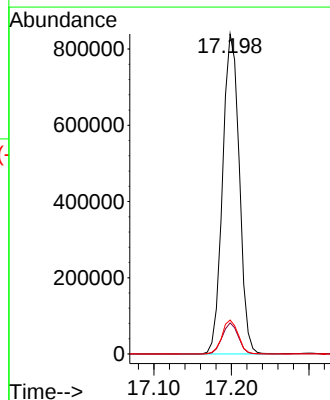
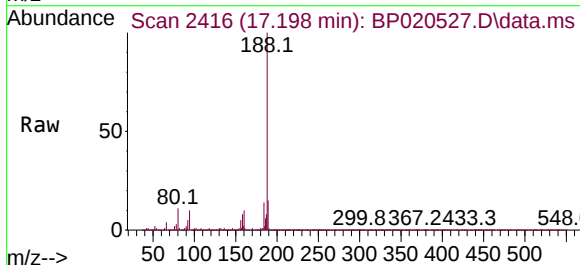
Instrument :
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WCS-TPR

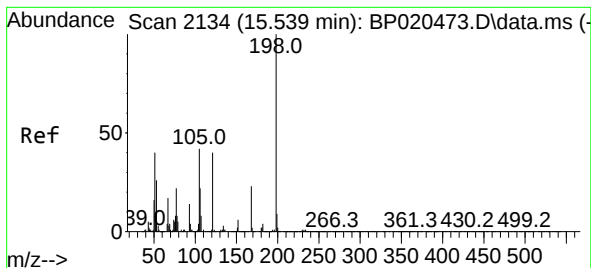
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 617.6 54.2 81.4#
154 64.7 51.0 76.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:188 Resp: 1255762
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.6 8.1 12.1

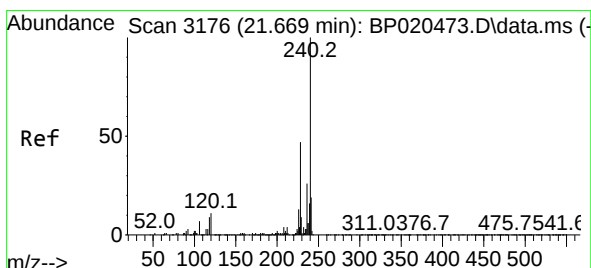
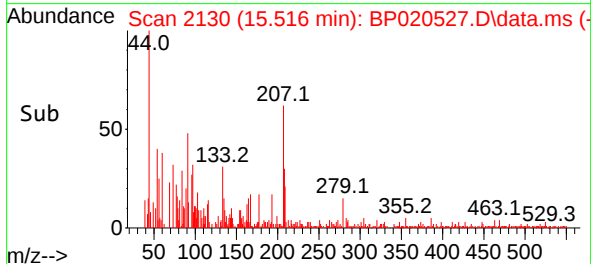
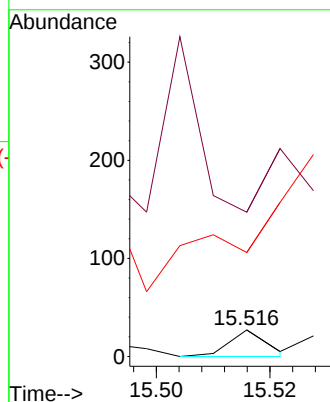
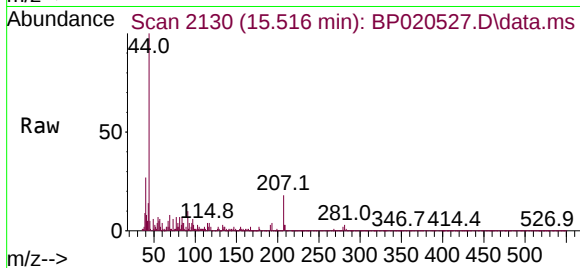




#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

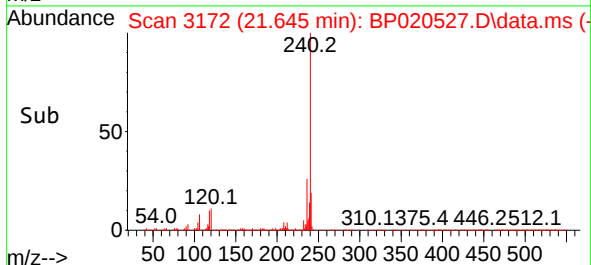
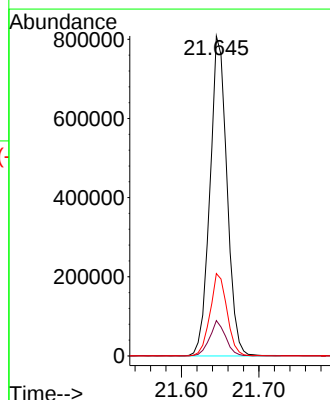
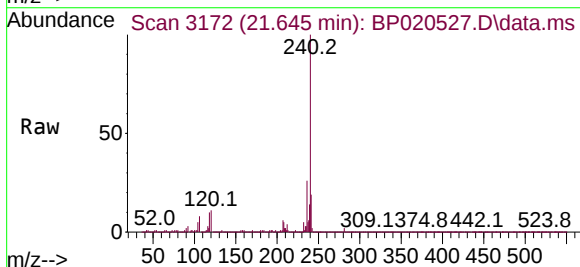
Instrument :
BNA_P
ClientSampleId :
WCS-TPR

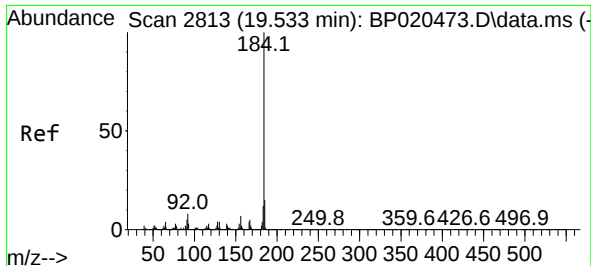
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 544.4 24.8 64.8#
105 392.6 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:240 Resp: 1231396
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 25.7 20.5 30.7

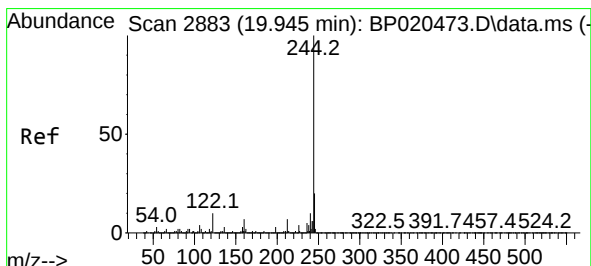
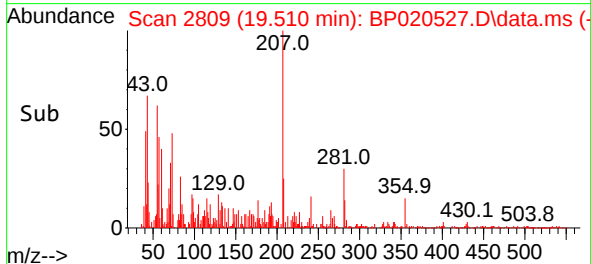
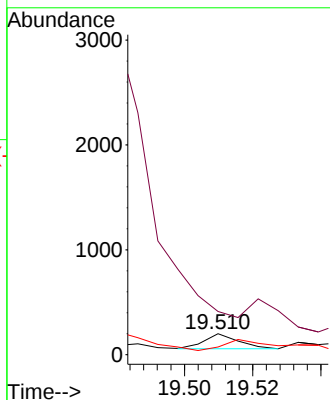
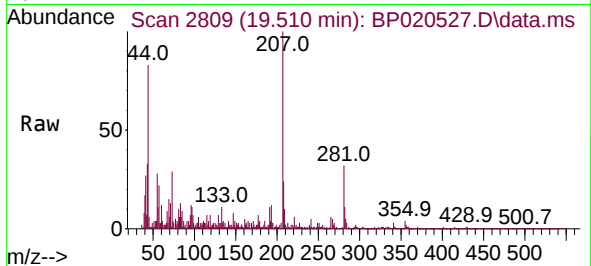




#77
Benzidine
Concen: 5.973 ng
RT: 19.510 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

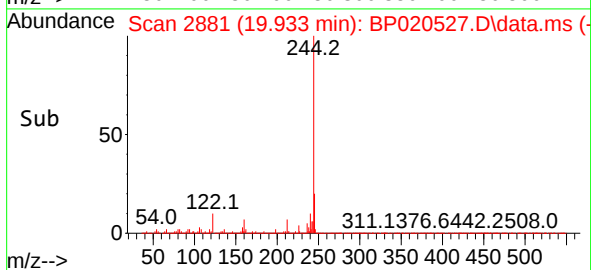
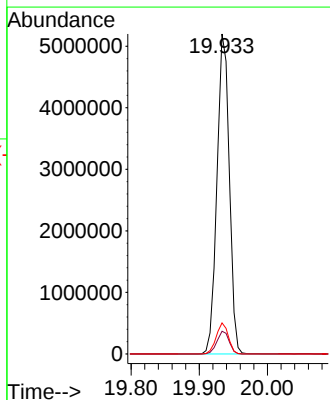
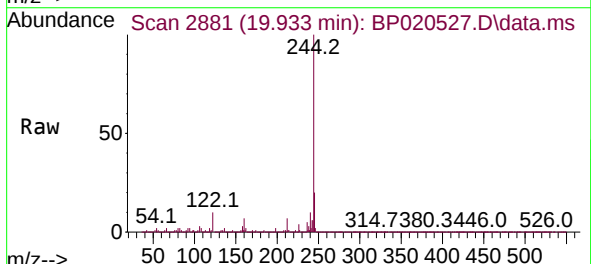
Instrument :
BNA_P
ClientSampleId :
WCS-TPR

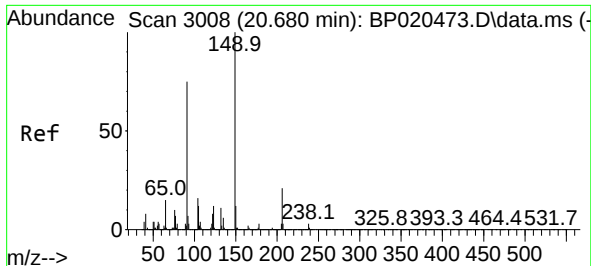
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
185 206.5 12.0 18.0#
183 36.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.504 ng
RT: 19.933 min Scan# 2881
Delta R.T. -0.012 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:244 Resp: 6546613
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.7 8.2 12.2

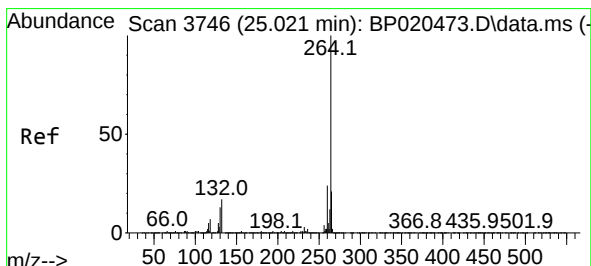
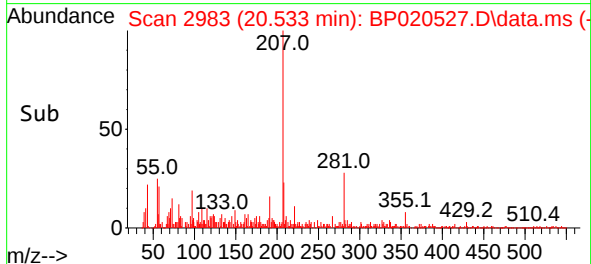
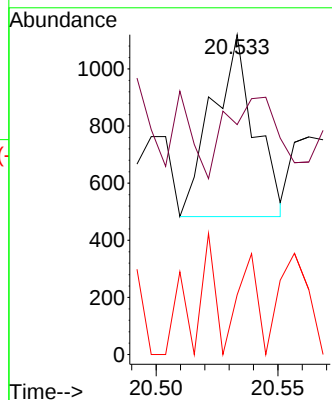
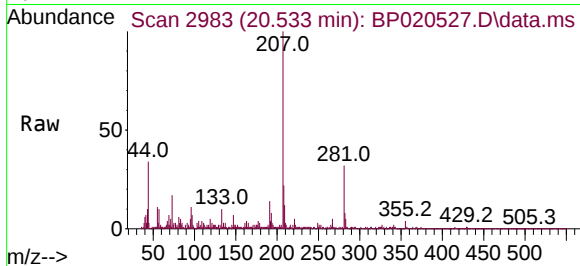




#80
Butylbenzylphthalate
Concen: 2.451 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.147 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Instrument :
BNA_P
ClientSampleId :
WCS-TPR

Tgt Ion:149	Resp:	770
Ion	Ratio	Lower Upper
149	100	
91	71.9	60.0 90.0
206	18.7	16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3741
Delta R.T. -0.029 min
Lab File: BP020527.D
Acq: 05 Jun 2024 22:00

Tgt Ion:264	Resp:	1403825
Ion	Ratio	Lower Upper
264	100	
260	23.1	18.9 28.3
265	20.9	17.4 26.0

