

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020495.D
 Acq On : 04 Jun 2024 13:12
 Operator : MA/JU
 Sample : PB161260BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161260BL

Quant Time: Jun 04 13:45:17 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)

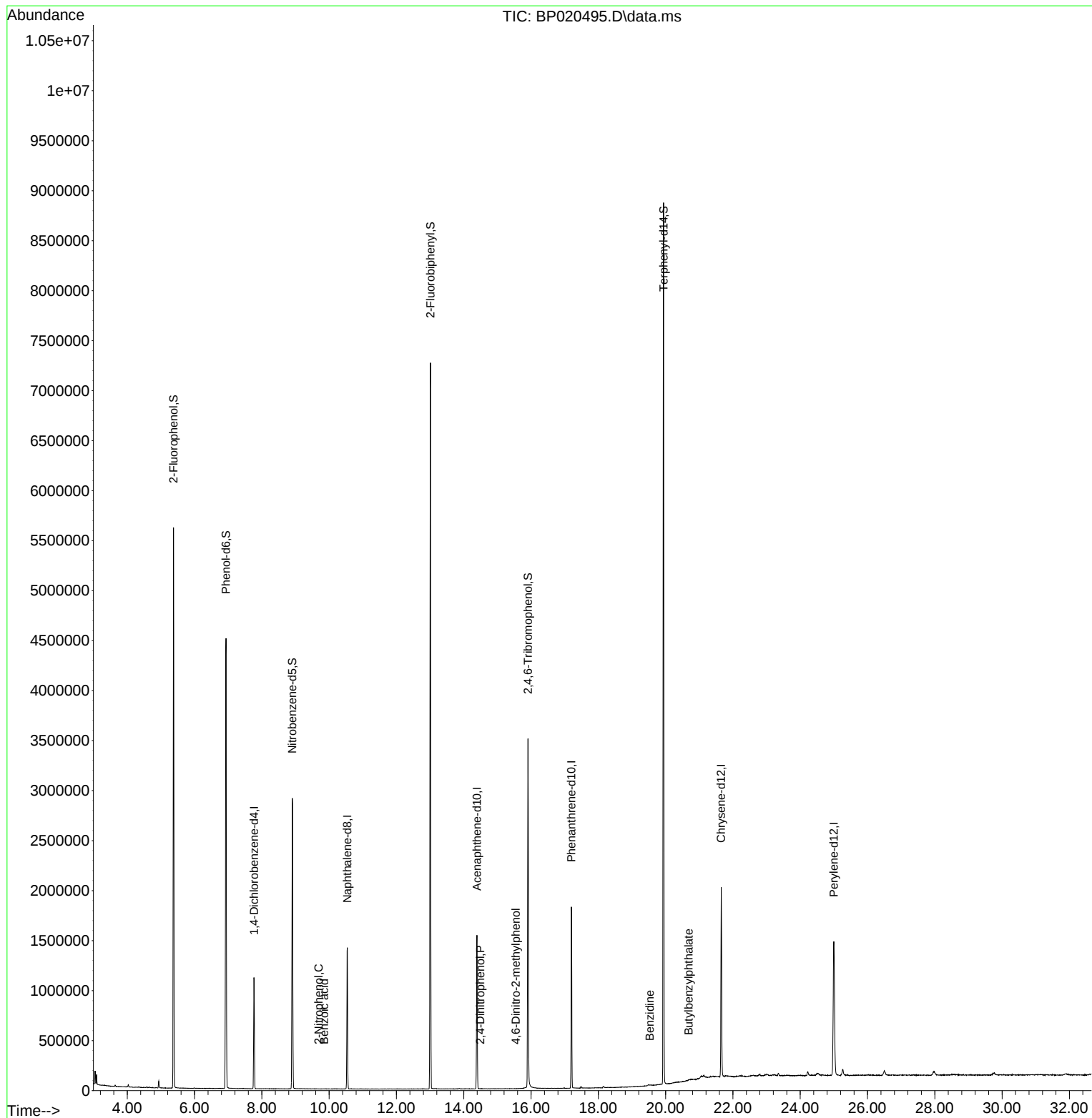
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	289747	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1057623	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	564647	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1058161	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1133532	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1400734	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2227167	137.625	ng	0.00
7) Phenol-d6	6.934	99	2731257	119.677	ng	0.00
23) Nitrobenzene-d5	8.905	82	1726713	89.371	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	730487	124.658	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3607809	95.250	ng	0.00
79) Terphenyl-d14	19.939	244	4996745	73.383	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.693	139	17	3.793	ng	# 1
32) Benzoic acid	9.852	122	8	6.849	ng	# 1
54) 2,4-Dinitrophenol	14.493	184	6	4.976	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.545	198	13	7.656	ng	# 1
77) Benzidine	19.528	184	1450	6.002	ng	# 70
80) Butylbenzylphthalate	20.680	149	253	2.438	ng	# 69

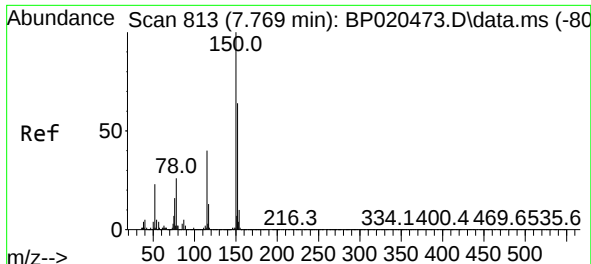
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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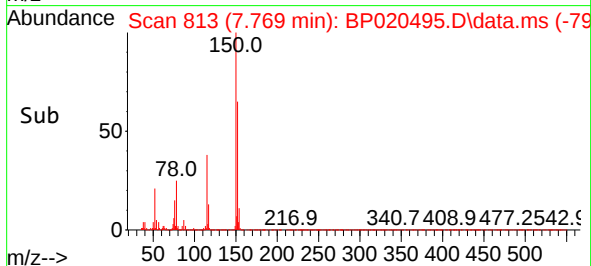
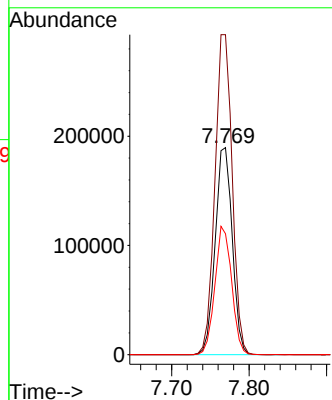
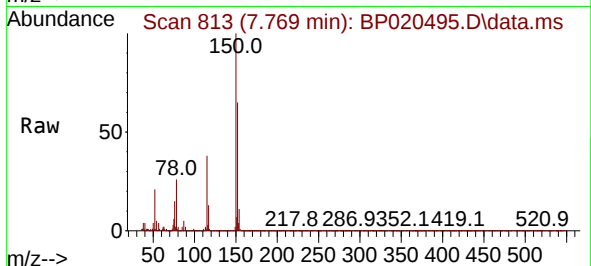




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

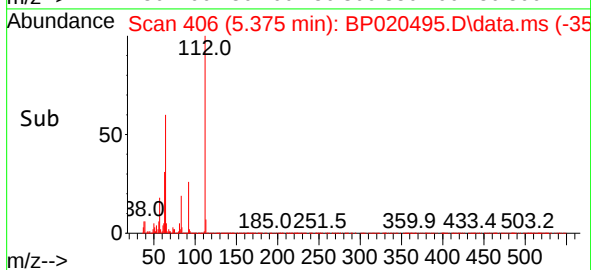
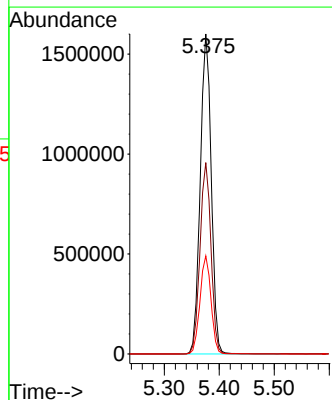
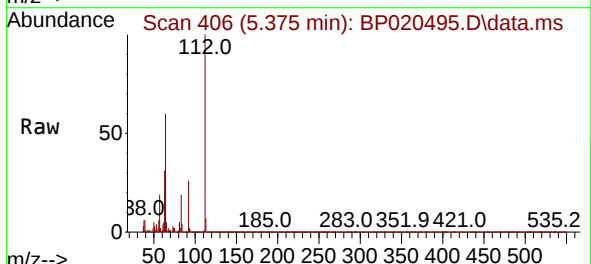
Instrument :
BNA_P
ClientSampleId :
PB161260BL

Tgt Ion:152 Resp: 289747
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 58.4 49.5 74.3



#5
2-Fluorophenol
Concen: 137.625 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

Tgt Ion:112 Resp: 2227167
Ion Ratio Lower Upper
112 100
64 59.8 50.1 75.1
63 30.7 25.7 38.5

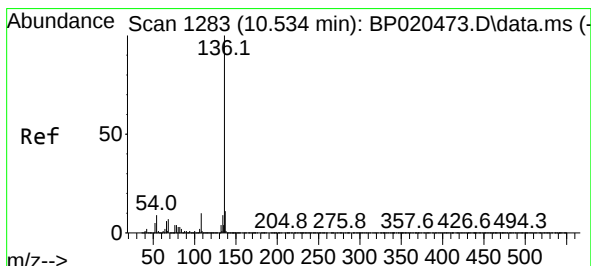
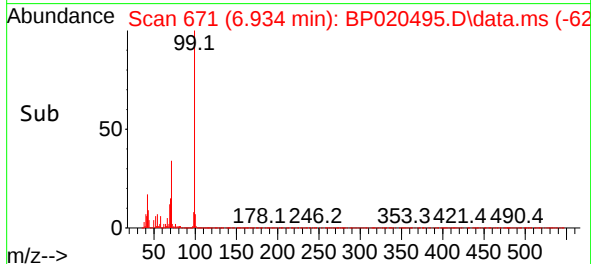
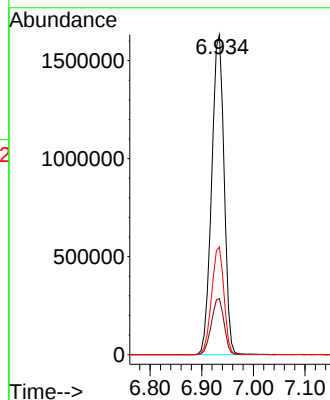
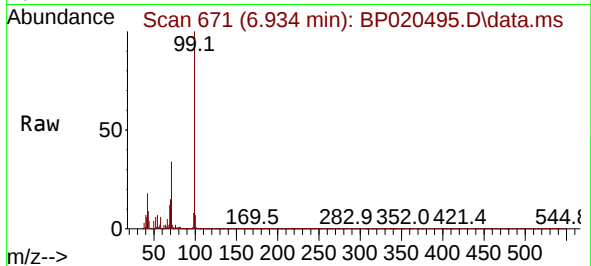




#7
Phenol-d6
Concen: 119.677 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

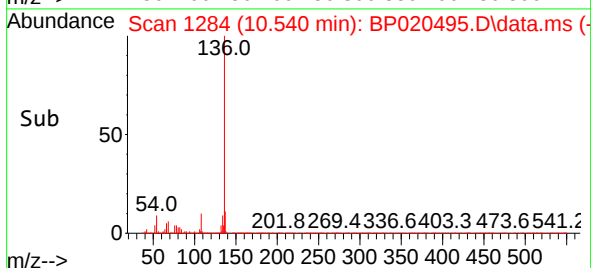
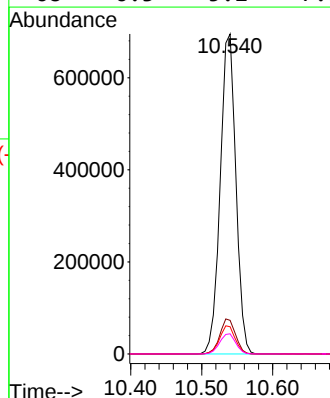
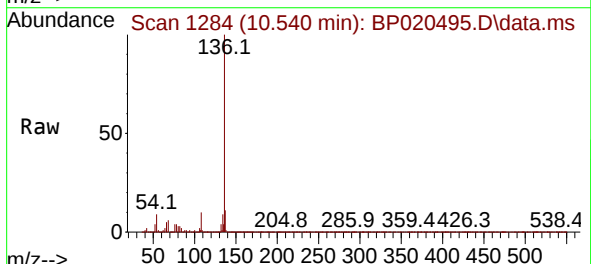
Instrument :
BNA_P
ClientSampleId :
PB161260BL

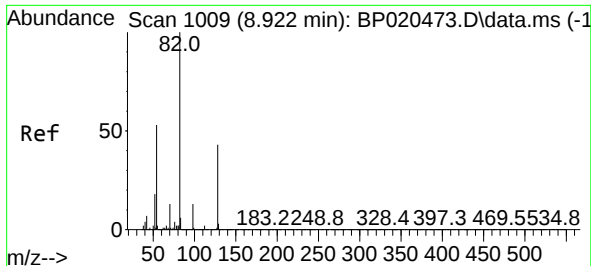
Tgt Ion: 99 Resp: 2731257
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

Tgt Ion: 136 Resp: 1057623
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.5 7.4 11.0
68 6.3 5.2 7.8

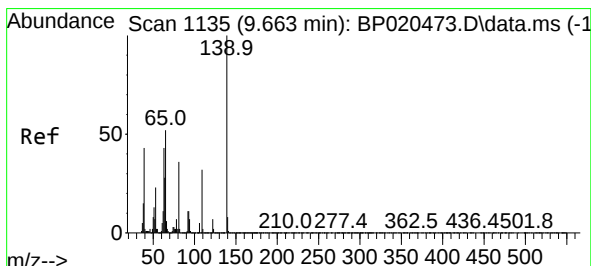
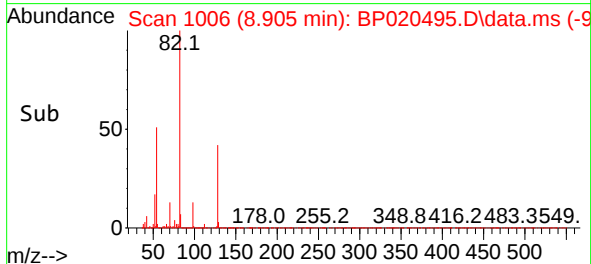
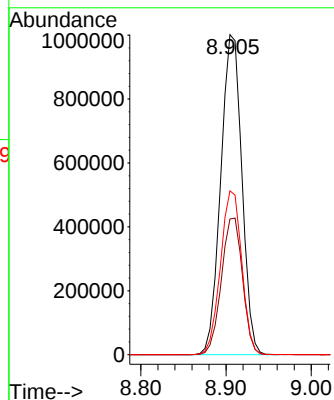
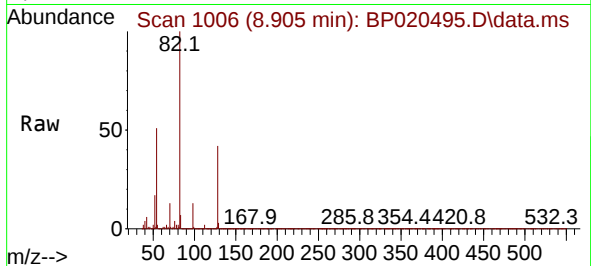




#23
Nitrobenzene-d5
Concen: 89.371 ng
RT: 8.905 min Scan# 110
Delta R.T. -0.018 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

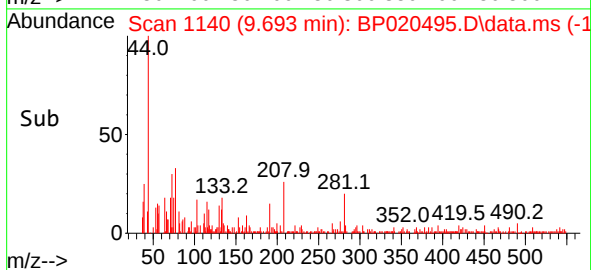
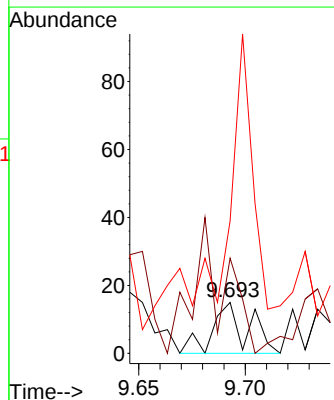
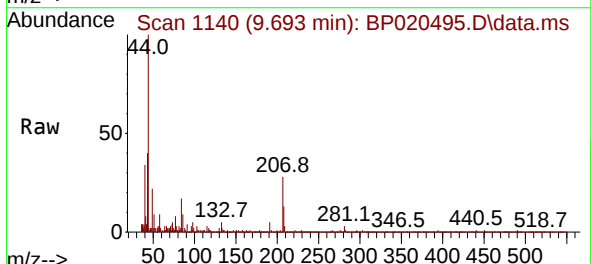
Instrument :
BNA_P
ClientSampleId :
PB161260BL

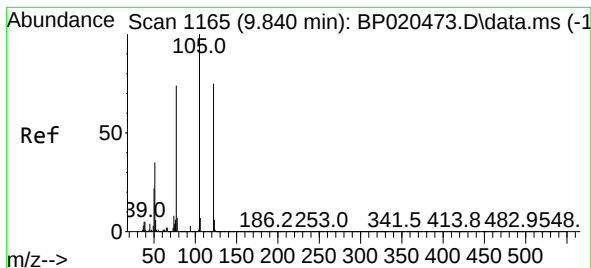
Tgt Ion: 82 Resp: 1726713
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.693 min Scan# 1140
Delta R.T. 0.030 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 246.7 25.8 38.8#
65 260.0 41.8 62.8#





#32

Benzoic acid

Concen: 6.849 ng

RT: 9.852 min Scan# 1165

Delta R.T. 0.012 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Instrument :

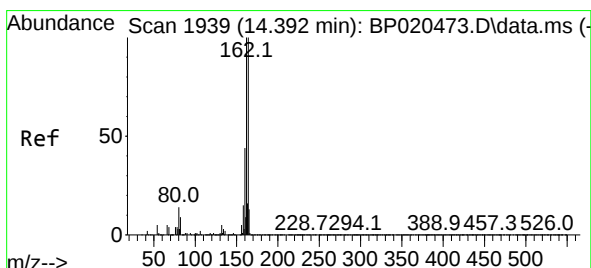
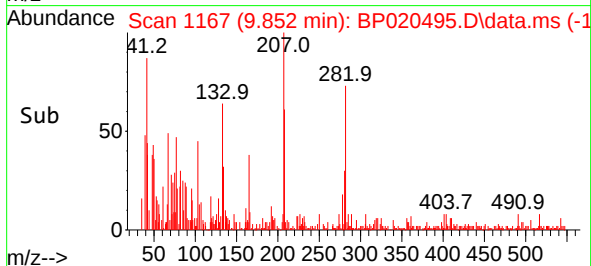
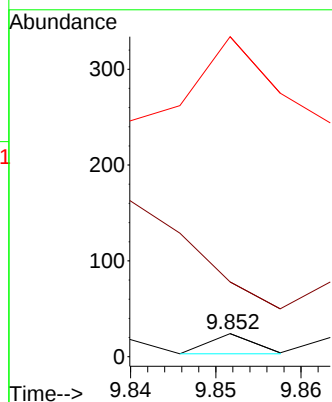
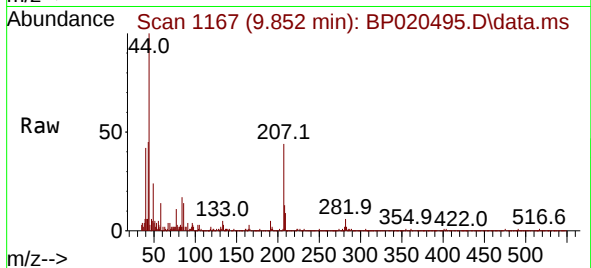
BNA_P

ClientSampleId :

PB161260BL

Tgt Ion:122 Resp: 8

Ion	Ratio	Lower	Upper
122	100		
105	325.0	107.5	147.5#
77	1391.7	76.1	116.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1939

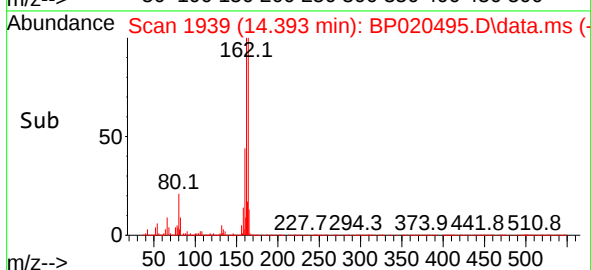
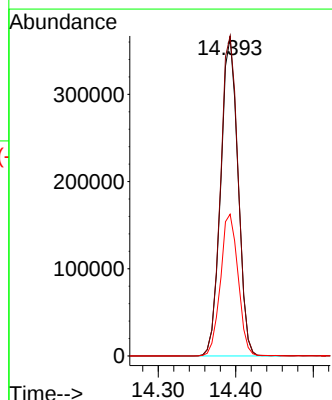
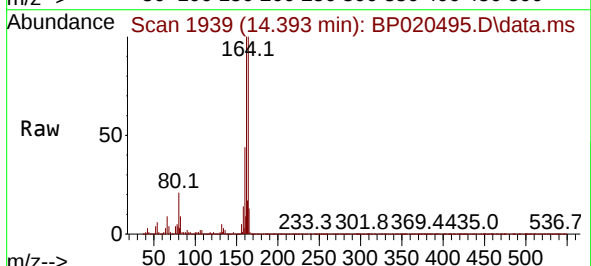
Delta R.T. 0.001 min

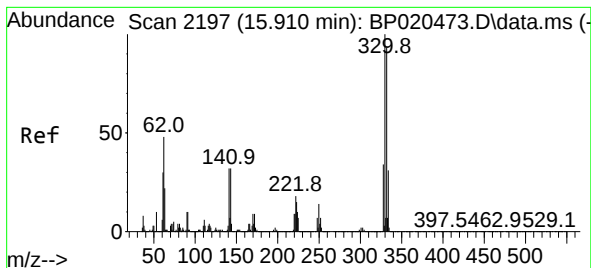
Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Tgt Ion:164 Resp: 564647

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.3	120.5
160	44.5	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 124.658 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Instrument :

BNA_P

ClientSampleId :

PB161260BL

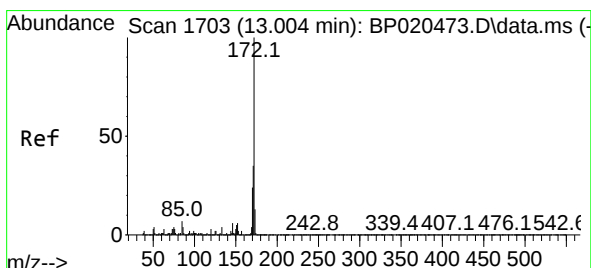
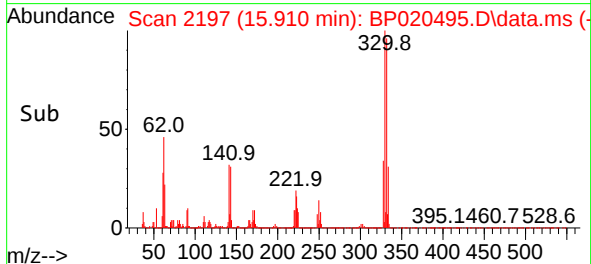
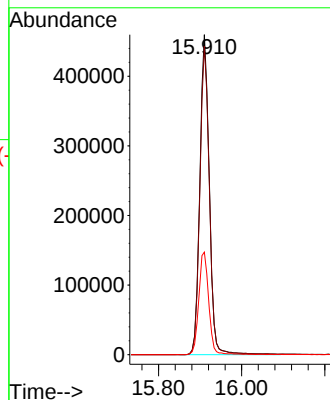
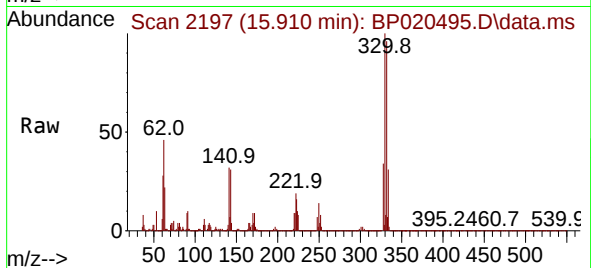
Tgt Ion:330 Resp: 730487

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 95.250 ng

RT: 13.010 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

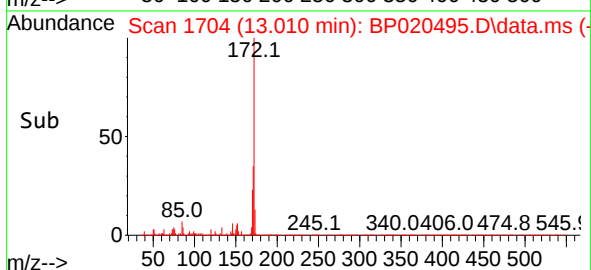
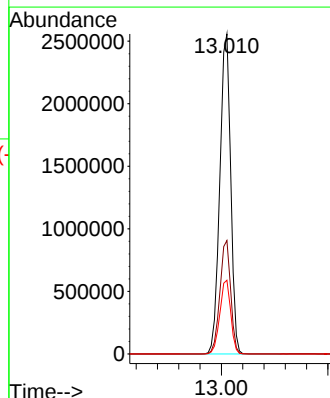
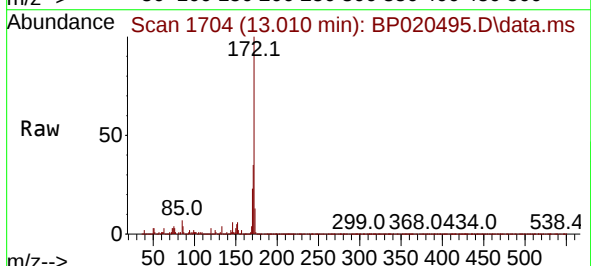
Tgt Ion:172 Resp: 3607809

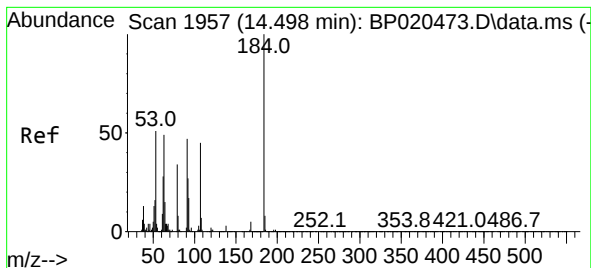
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 18.9 28.3

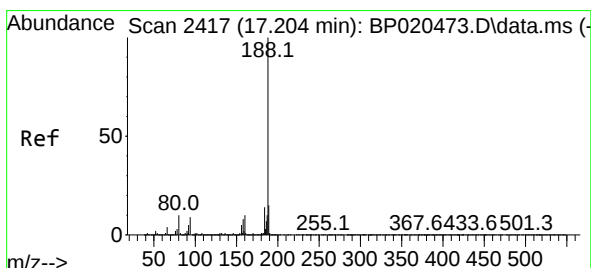
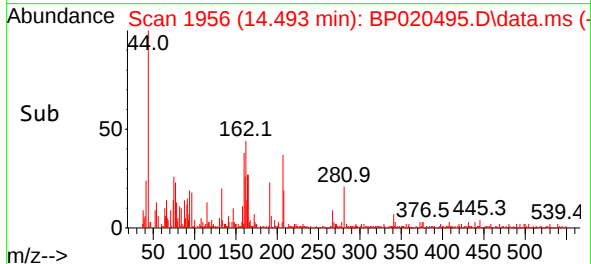
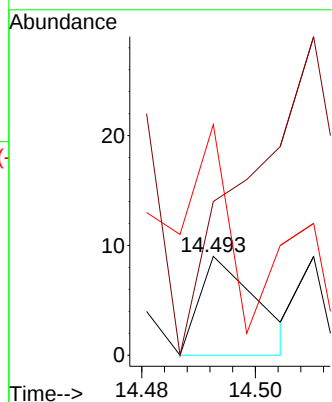
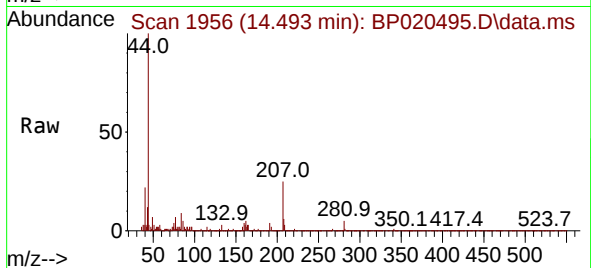




#54
2,4-Dinitrophenol
Concen: 4.976 ng
RT: 14.493 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

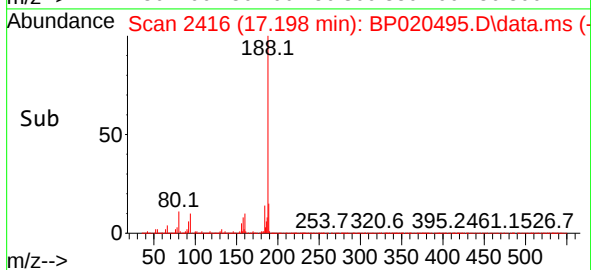
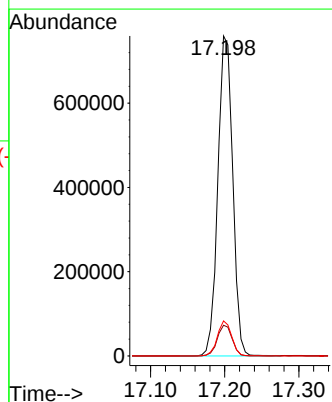
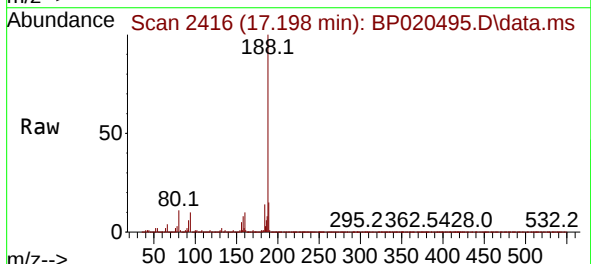
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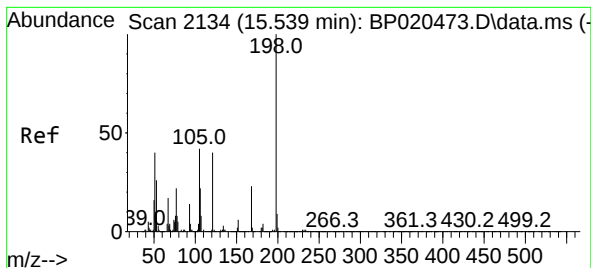
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 155.6 54.2 81.4#
154 233.3 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

Tgt Ion:188 Resp: 1058161
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 11.0 8.1 12.1

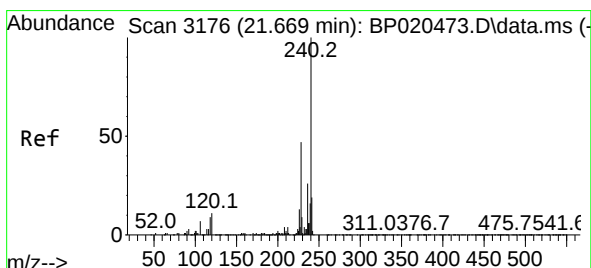
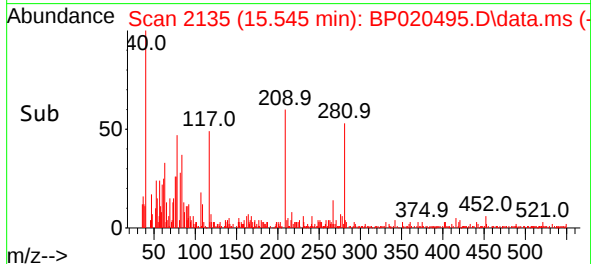
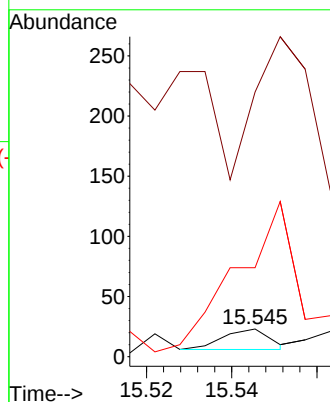
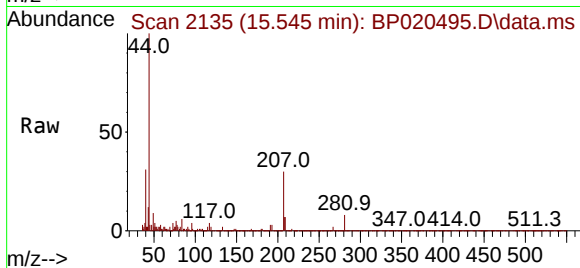




#65
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.545 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

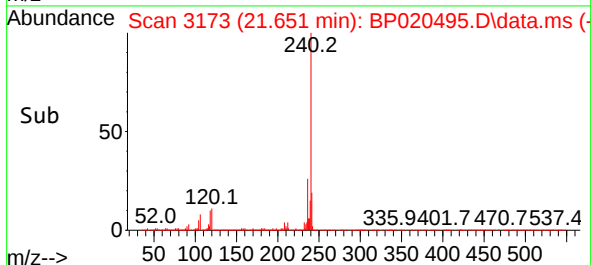
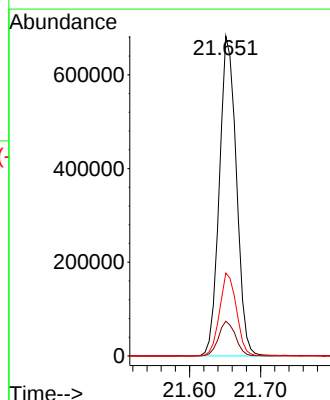
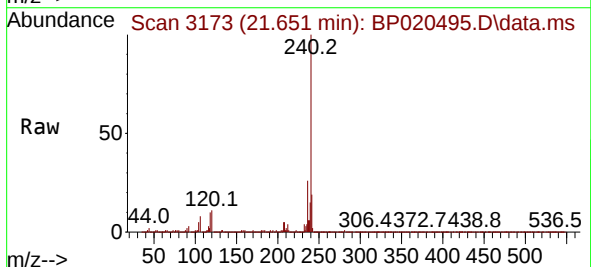
Instrument :
BNA_P
ClientSampleId :
PB161260BL

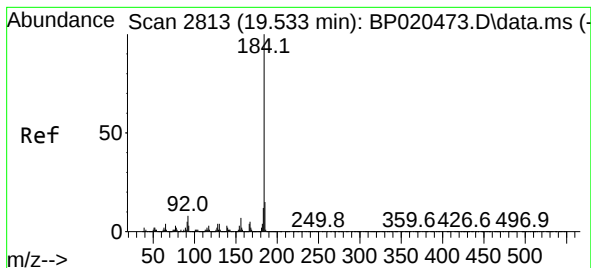
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 956.5 24.8 64.8#
105 321.7 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.017 min
Lab File: BP020495.D
Acq: 04 Jun 2024 13:12

Tgt Ion:240 Resp: 1133532
Ion Ratio Lower Upper
240 100
120 10.8 8.5 12.7
236 25.9 20.5 30.7





#77

Benzidine

Concen: 6.002 ng

RT: 19.528 min Scan# 2812

Delta R.T. -0.005 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Instrument :

BNA_P

ClientSampleId :

PB161260BL

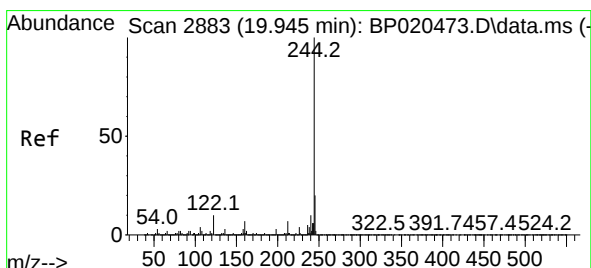
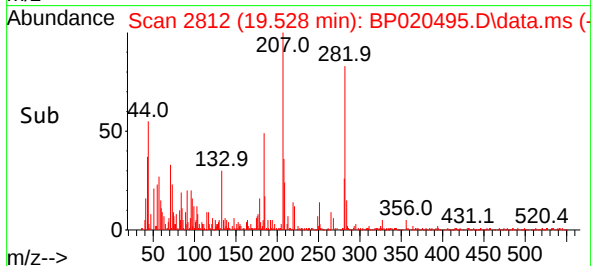
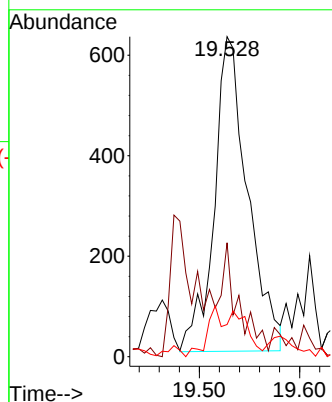
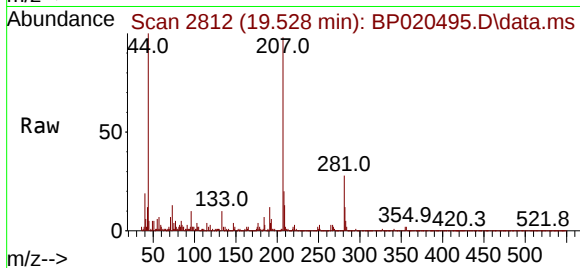
Tgt Ion:184 Resp: 1450

Ion Ratio Lower Upper

184 100

185 35.6 12.0 18.0#

183 10.0 9.4 14.0



#79

Terphenyl-d14

Concen: 73.383 ng

RT: 19.939 min Scan# 2882

Delta R.T. -0.006 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

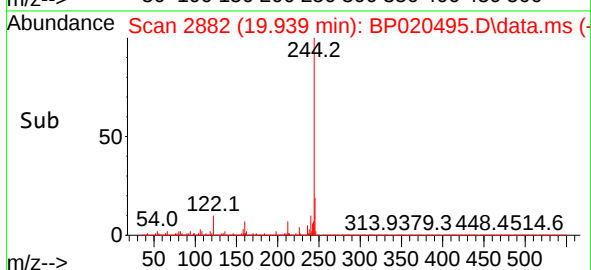
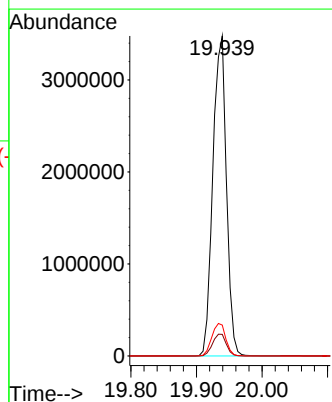
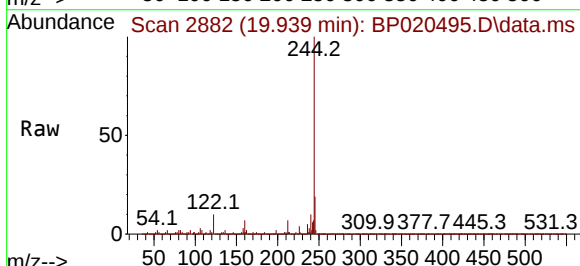
Tgt Ion:244 Resp: 4996745

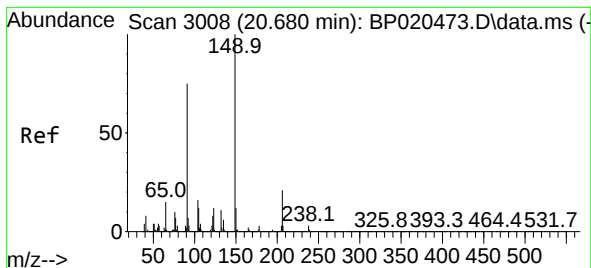
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.438 ng

RT: 20.680 min Scan# 3008

Delta R.T. 0.000 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Instrument :

BNA_P

ClientSampleId :

PB161260BL

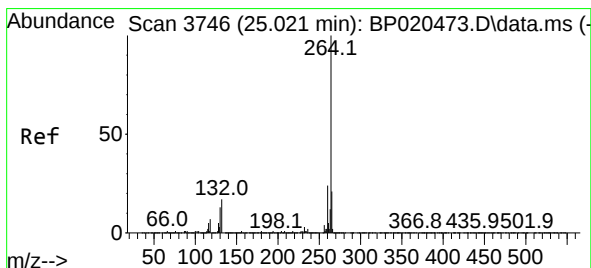
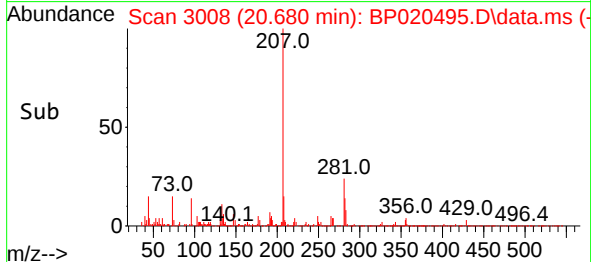
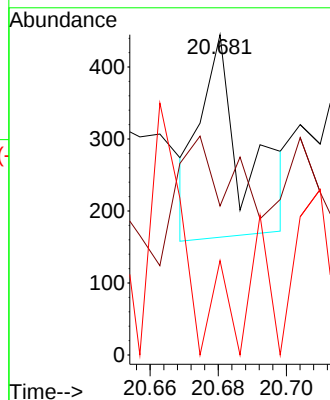
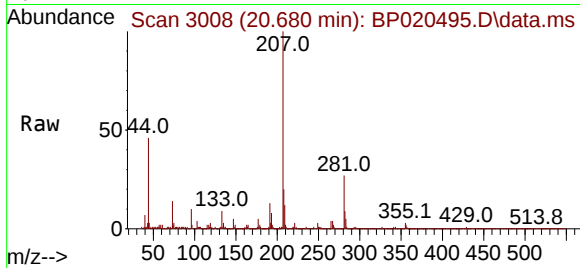
Tgt Ion:149 Resp: 253

Ion Ratio Lower Upper

149 100

91 45.8 60.0 90.0#

206 29.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3742

Delta R.T. -0.023 min

Lab File: BP020495.D

Acq: 04 Jun 2024 13:12

Tgt Ion:264 Resp: 1400734

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.4 26.0

