

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020497.D
 Acq On : 04 Jun 2024 15:15
 Operator : MA/JU
 Sample : P2687-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223

Quant Time: Jun 04 15:49:32 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)

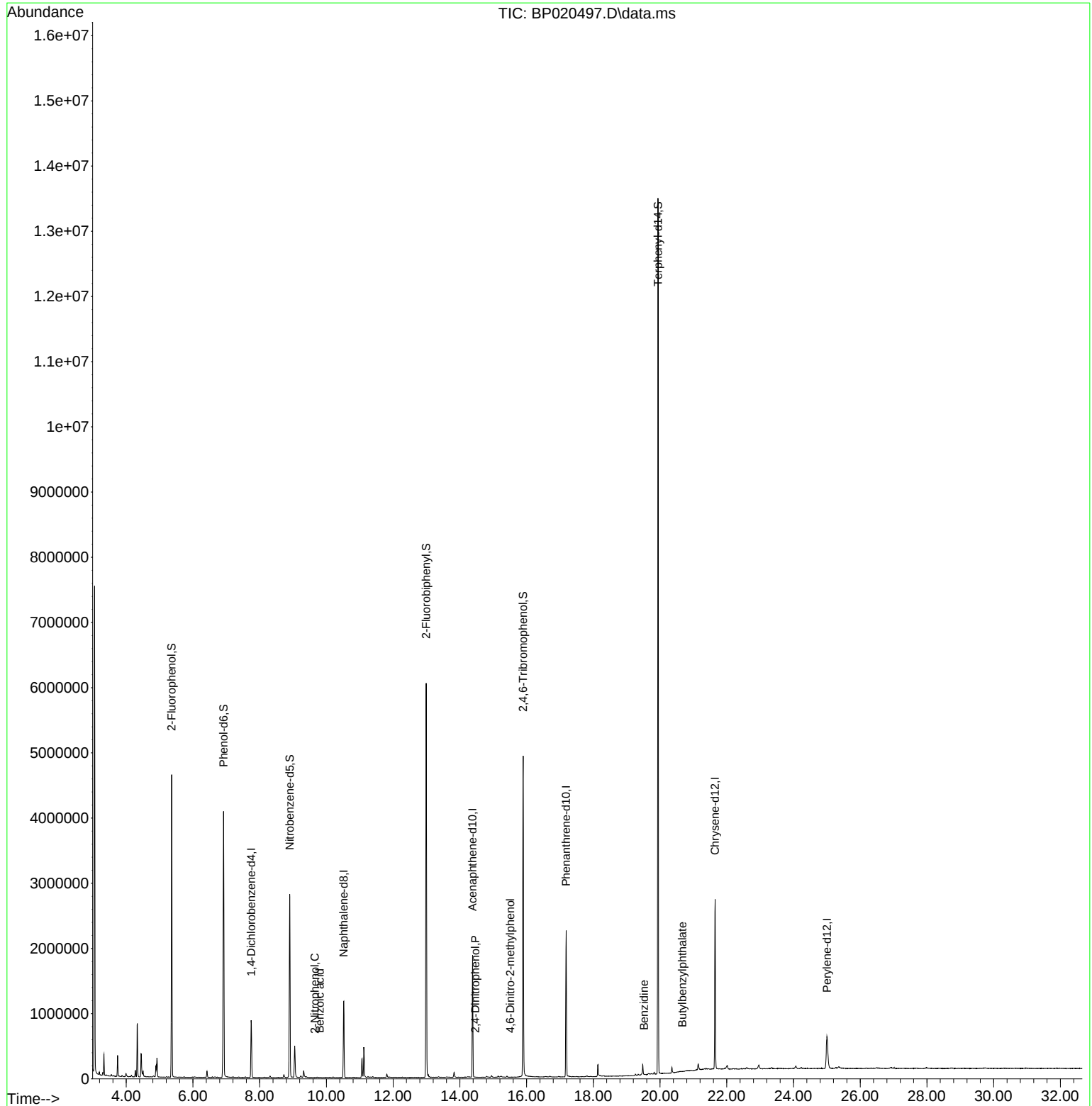
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	255014	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	987390	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	590413	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1399863	20.000	ng	-0.02
76) Chrysene-d12	21.651	240	1382152	20.000	ng	-0.02
86) Perylene-d12	25.004	264	402884	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1867664	131.129	ng	-0.01
7) Phenol-d6	6.916	99	2203414	109.698	ng	-0.02
23) Nitrobenzene-d5	8.899	82	1607968	89.144	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	983433	160.499	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3281006	82.842	ng	-0.01
79) Terphenyl-d14	19.939	244	6677293	80.424	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.652	139	11	3.793	ng	# 1
32) Benzoic acid	9.804	122	346	6.878	ng	# 20
54) 2,4-Dinitrophenol	14.463	184	44	4.988	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.510	198	17	7.656	ng	# 1
77) Benzidine	19.522	184	137	5.973	ng	# 1
80) Butylbenzylphthalate	20.669	149	769	2.448	ng	# 84

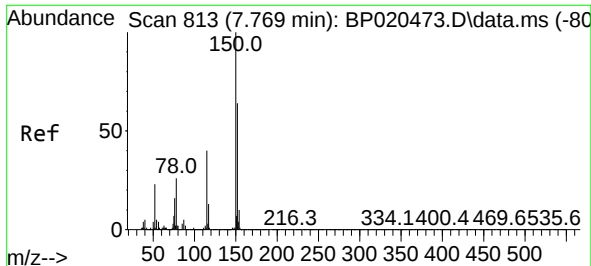
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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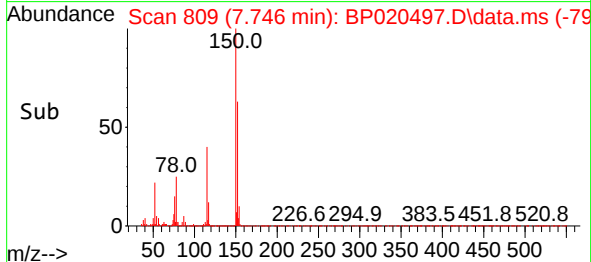
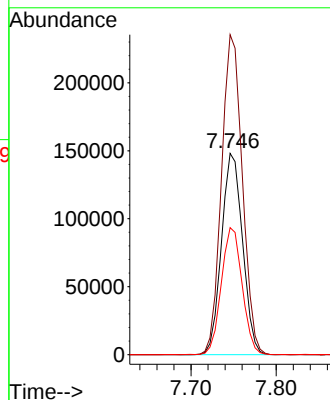
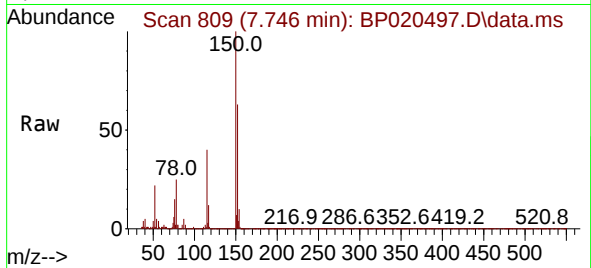




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

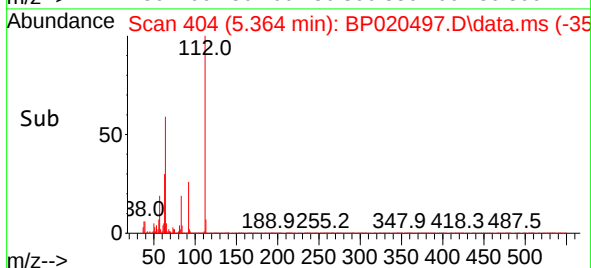
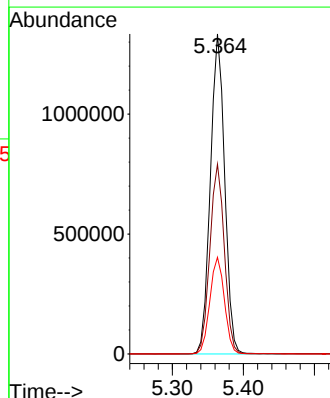
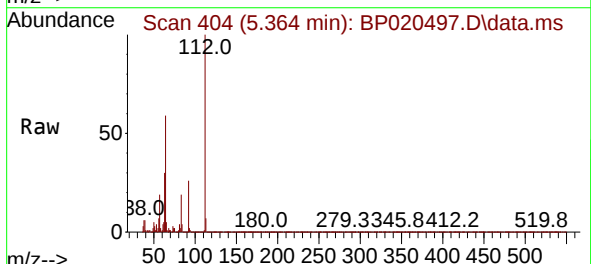
Instrument :
BNA_P
ClientSampleId :
VNJ-223

Tgt Ion:152 Resp: 255014
Ion Ratio Lower Upper
152 100
150 158.9 124.2 186.2
115 63.1 49.5 74.3



#5
2-Fluorophenol
Concen: 131.129 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion:112 Resp: 1867664
Ion Ratio Lower Upper
112 100
64 59.3 50.1 75.1
63 30.2 25.7 38.5

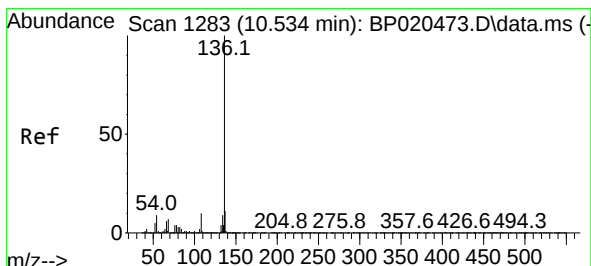
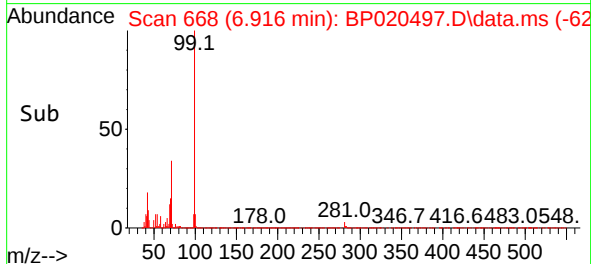
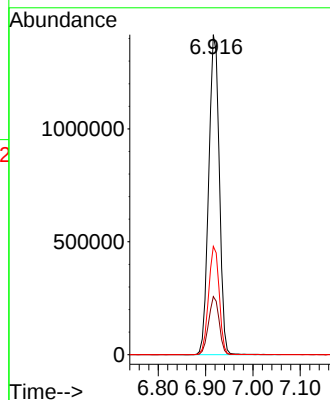
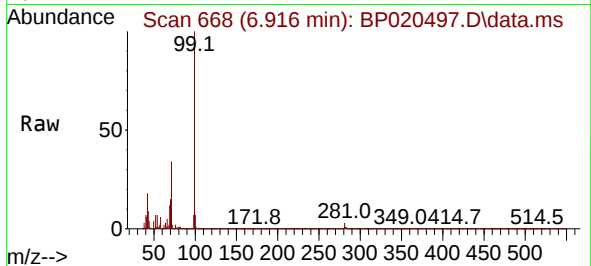




#7
Phenol-d6
Concen: 109.698 ng
RT: 6.916 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

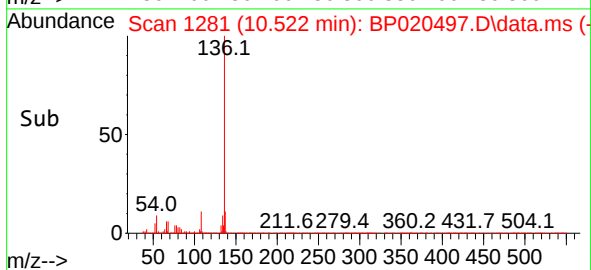
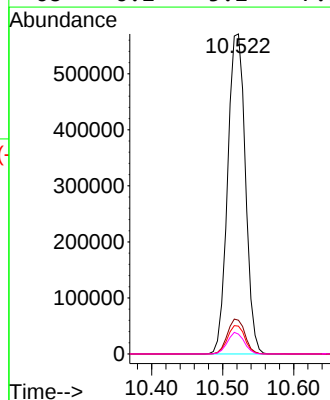
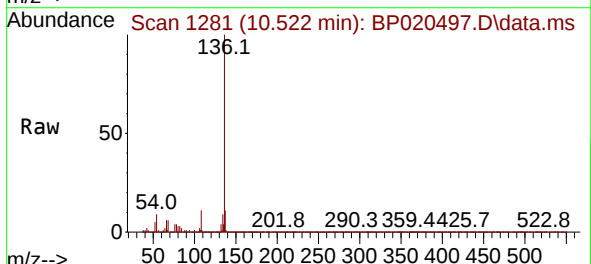
Instrument :
BNA_P
ClientSampleId :
VNJ-223

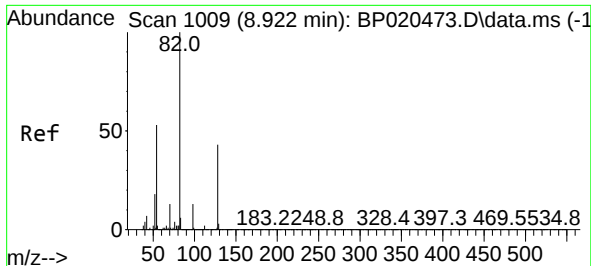
Tgt Ion: 99 Resp: 2203414
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion: 136 Resp: 987390
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.7 7.4 11.0
68 6.2 5.2 7.8



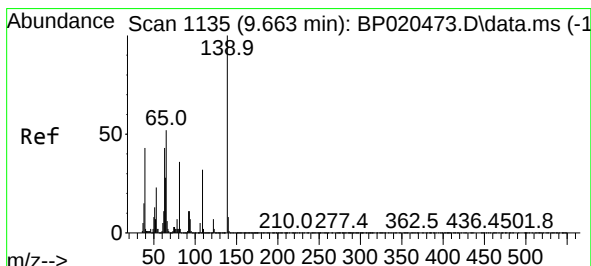
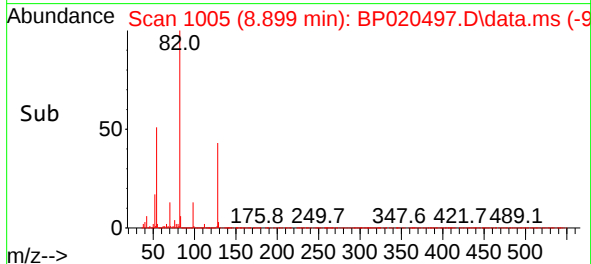
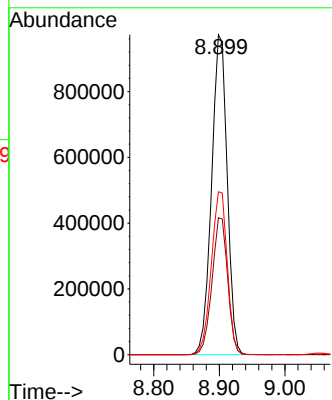
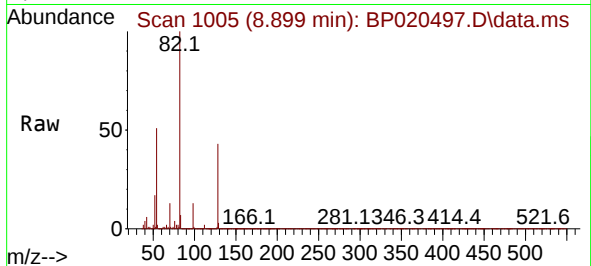


#23
Nitrobenzene-d5
Concen: 89.144 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Tgt Ion: 82 Resp: 1607968

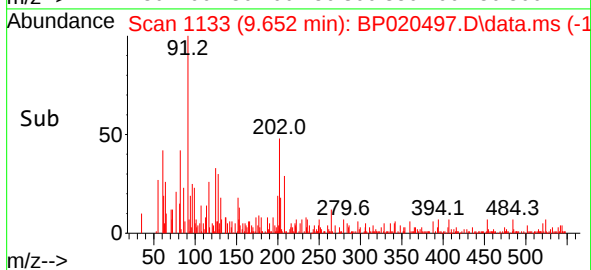
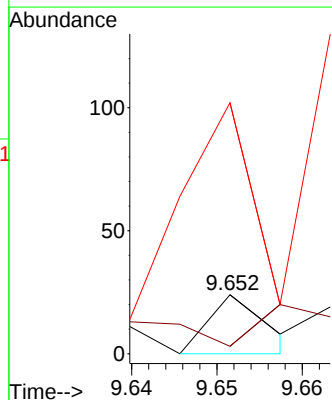
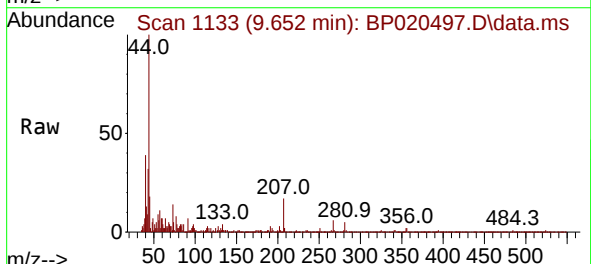
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.4
54	50.9	42.7	64.1

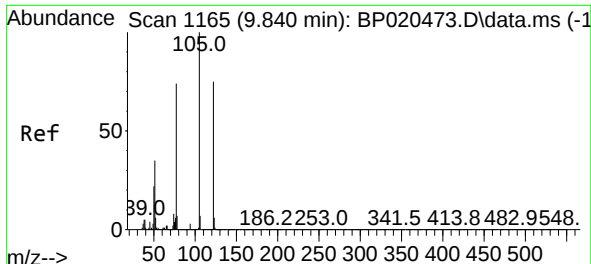


#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion: 139 Resp: 11

Ion	Ratio	Lower	Upper
139	100		
109	12.5	25.8	38.8#
65	425.0	41.8	62.8#

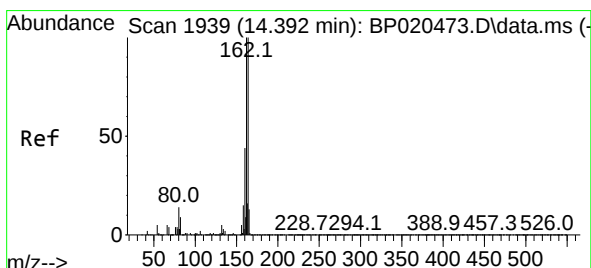
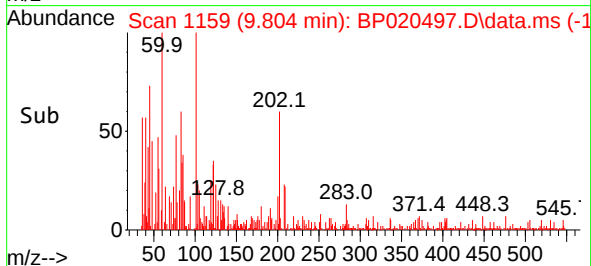
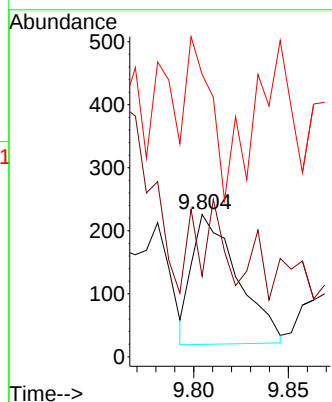
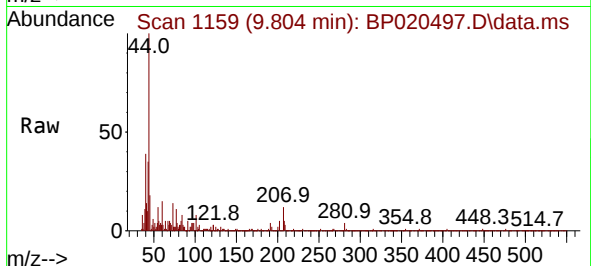




#32
Benzoic acid
Concen: 6.878 ng
RT: 9.804 min Scan# 1165
Delta R.T. -0.036 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

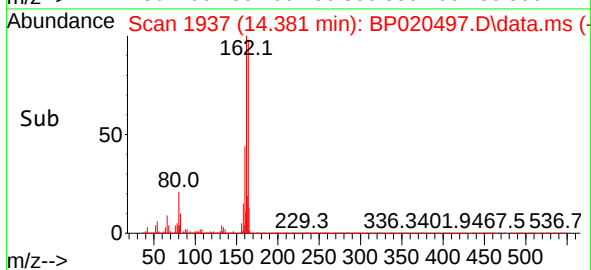
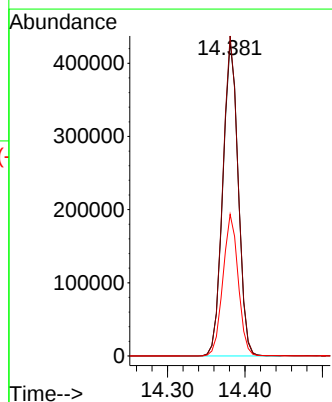
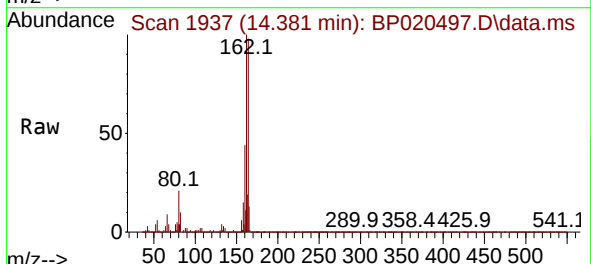
Instrument :
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ClientSampleId :
VNJ-223

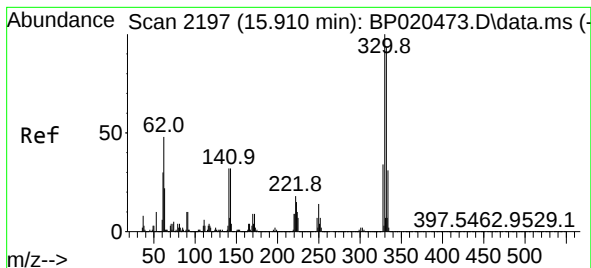
Tgt Ion:122 Resp: 346
Ion Ratio Lower Upper
122 100
105 56.6 107.5 147.5#
77 198.2 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion:164 Resp: 590413
Ion Ratio Lower Upper
164 100
162 101.9 80.3 120.5
160 45.1 35.4 53.2

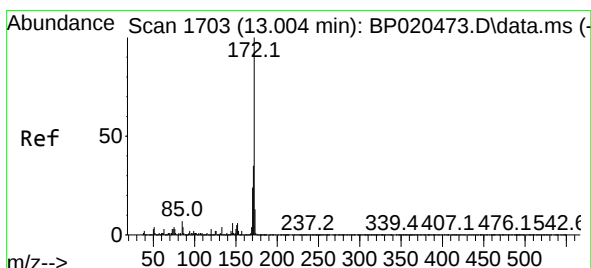
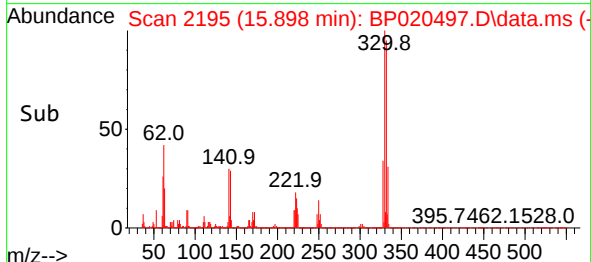
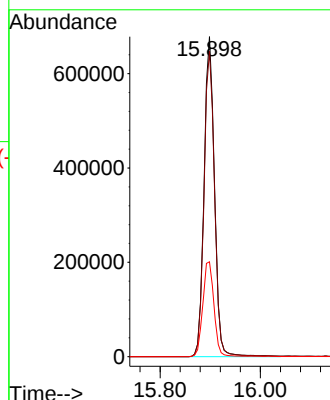
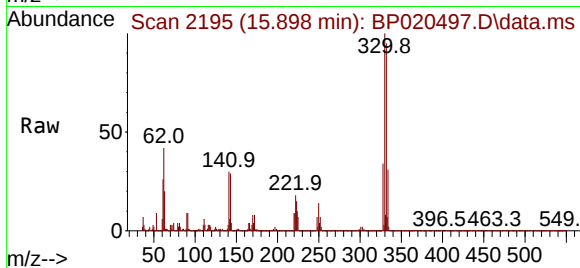




#42
2,4,6-Tribromophenol
Concen: 160.499 ng
RT: 15.898 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

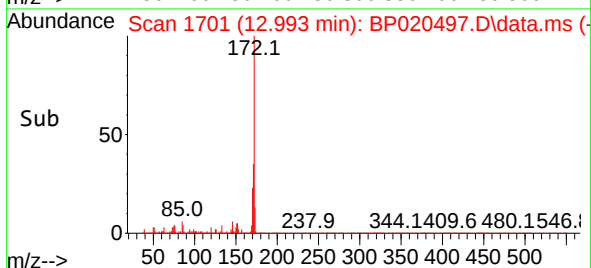
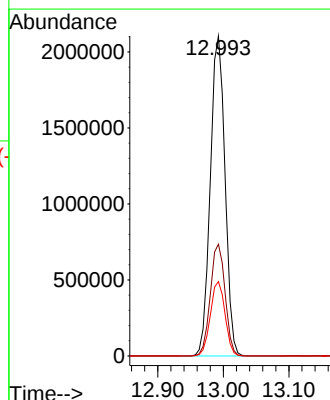
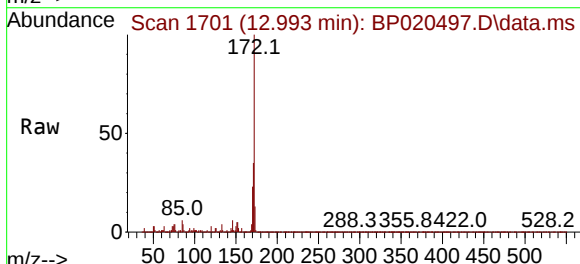
Instrument :
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ClientSampleId :
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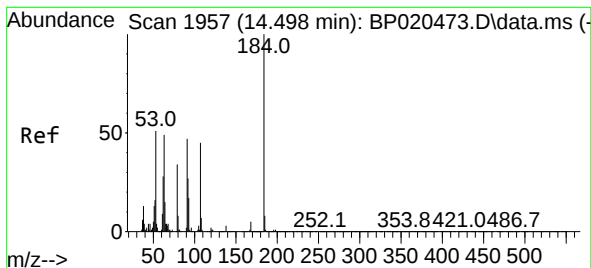
Tgt Ion: 330 Resp: 983433
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 31.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 82.842 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion: 172 Resp: 3281006
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.2 18.9 28.3

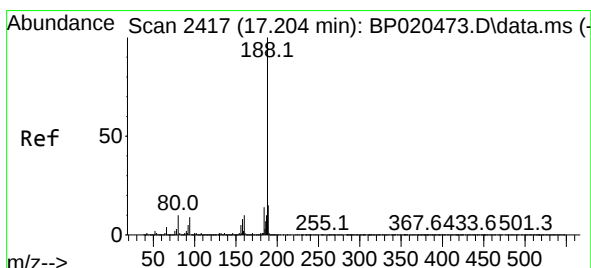
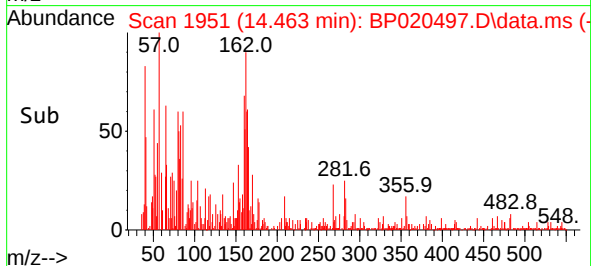
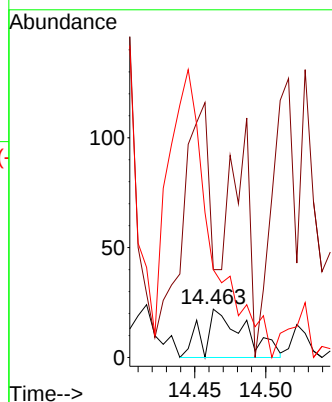
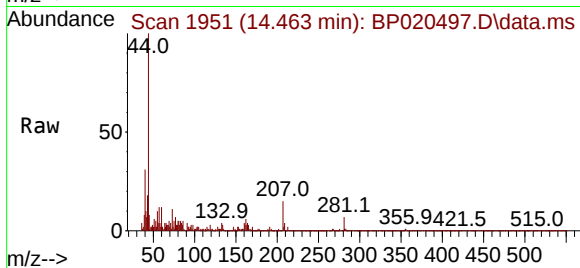




#54
2,4-Dinitrophenol
Concen: 4.988 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.035 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

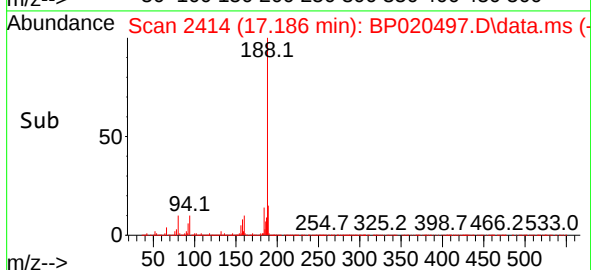
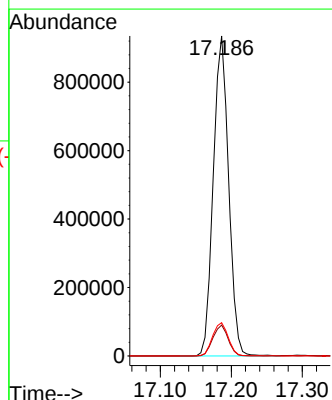
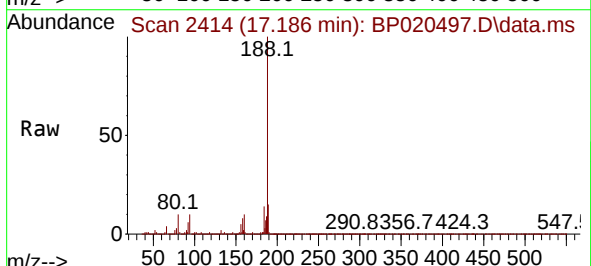
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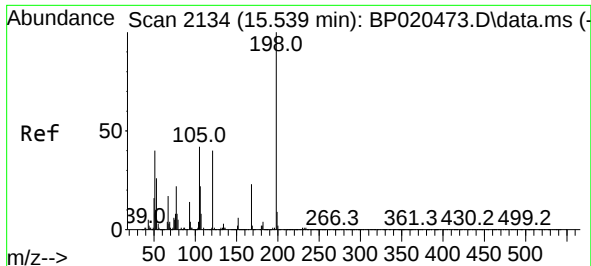
Tgt Ion:184 Resp: 44
Ion Ratio Lower Upper
184 100
63 181.8 54.2 81.4#
154 181.8 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion:188 Resp: 1399863
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.4 8.1 12.1

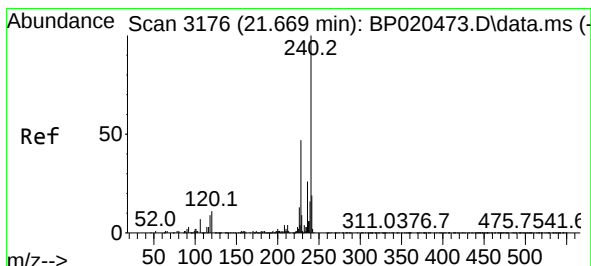
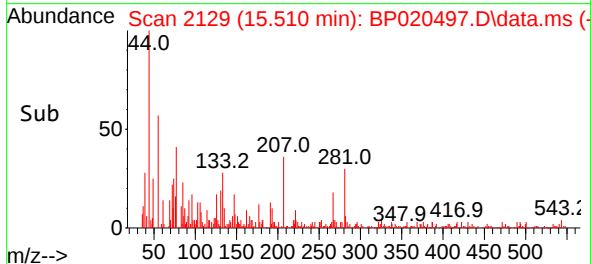
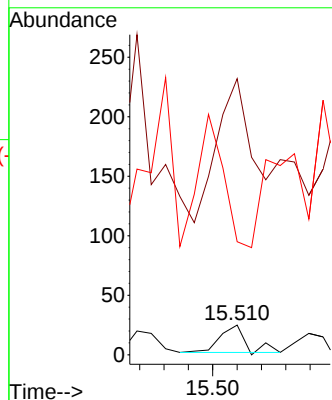
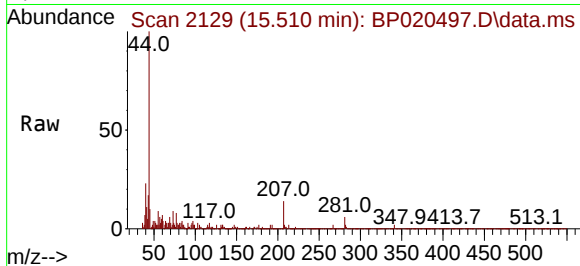




#65
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.510 min Scan# 2134
Delta R.T. -0.029 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

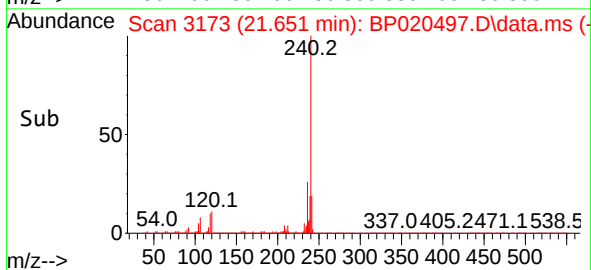
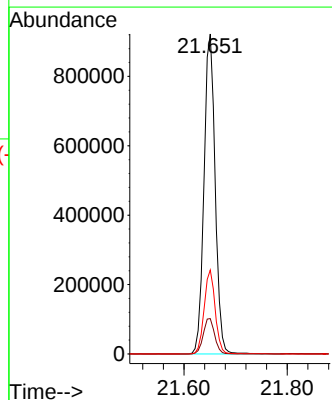
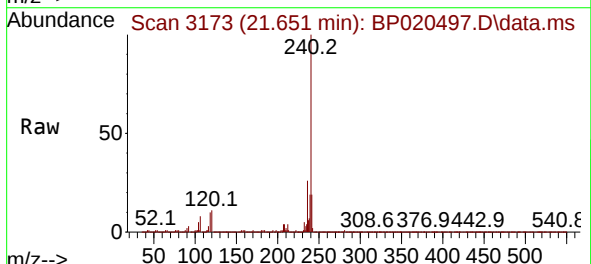
Instrument :
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VNJ-223

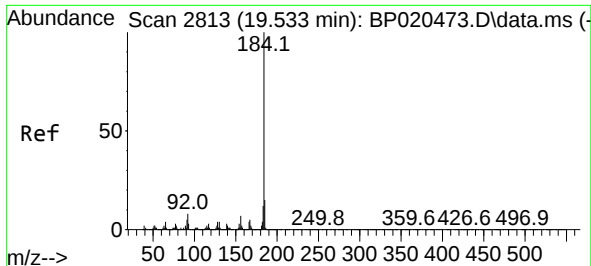
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 928.0 24.8 64.8#
105 380.0 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020497.D
Acq: 04 Jun 2024 15:15

Tgt Ion:240 Resp: 1382152
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 26.2 20.5 30.7





#77

Benzidine

Concen: 5.973 ng

RT: 19.522 min Scan# 2811

Delta R.T. -0.011 min

Lab File: BP020497.D

Acq: 04 Jun 2024 15:15

Instrument :

BNA_P

ClientSampleId :

VNJ-223

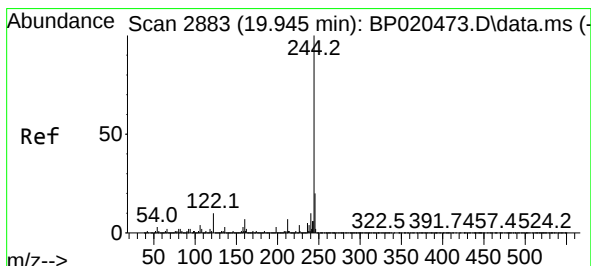
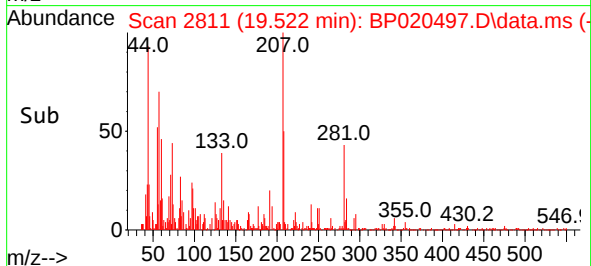
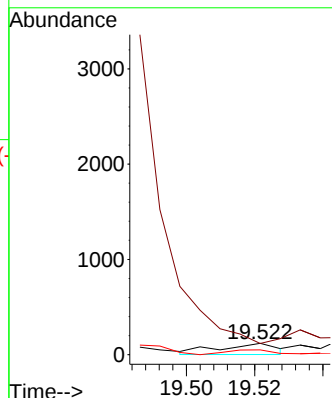
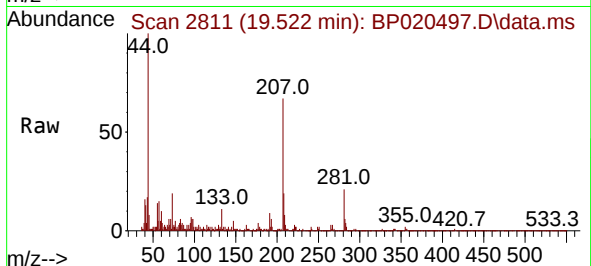
Tgt Ion:184 Resp: 137

Ion Ratio Lower Upper

184 100

185 98.3 12.0 18.0#

183 42.0 9.4 14.0#



#79

Terphenyl-d14

Concen: 80.424 ng

RT: 19.939 min Scan# 2882

Delta R.T. -0.006 min

Lab File: BP020497.D

Acq: 04 Jun 2024 15:15

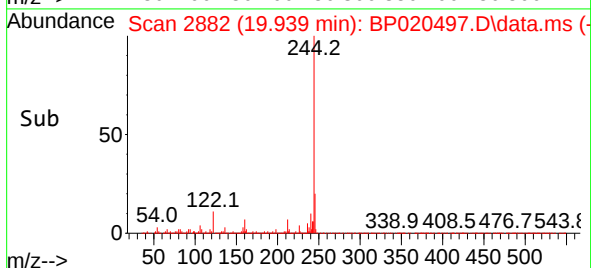
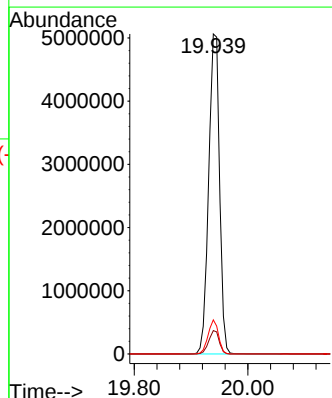
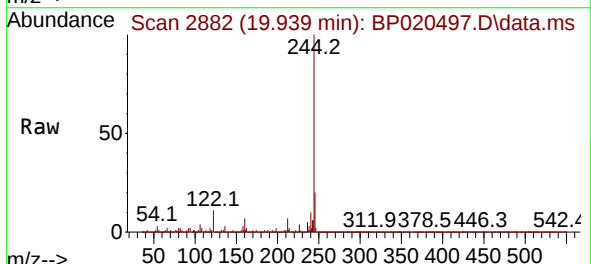
Tgt Ion:244 Resp: 6677293

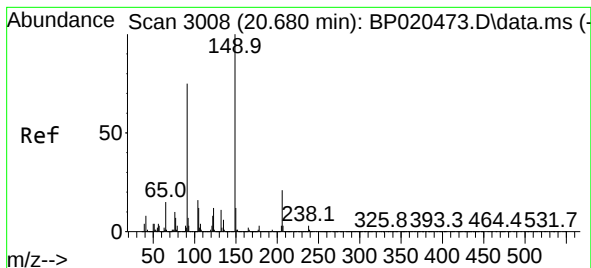
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.7 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.448 ng

RT: 20.669 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BP020497.D

Acq: 04 Jun 2024 15:15

Instrument :

BNA_P

ClientSampleId :

VNJ-223

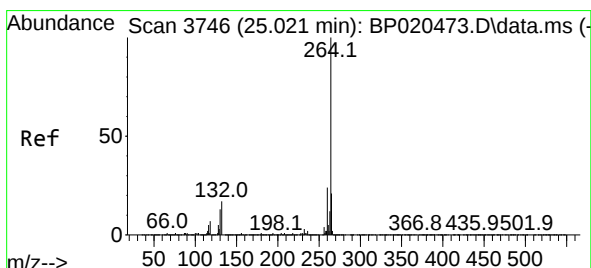
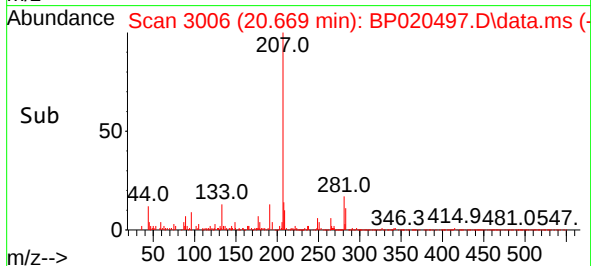
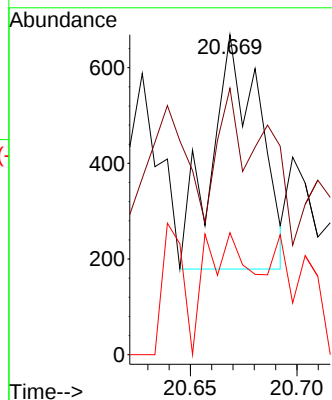
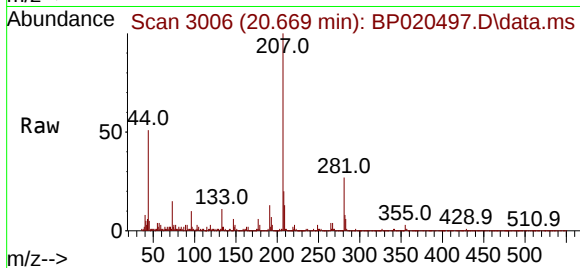
Tgt Ion:149 Resp: 769

Ion Ratio Lower Upper

149 100

91 83.3 60.0 90.0

206 38.1 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3743

Delta R.T. -0.018 min

Lab File: BP020497.D

Acq: 04 Jun 2024 15:15

Tgt Ion:264 Resp: 402884

Ion Ratio Lower Upper

264 100

260 27.7 18.9 28.3

265 20.1 17.4 26.0

