

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010721\
 Data File : BP004485.D
 Acq On : 07 Jan 2021 18:04
 Operator : CG/JU
 Sample : M1019-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20410

Quant Time: Jan 08 00:06:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 07 14:50:44 2021
 Response via : Initial Calibration

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

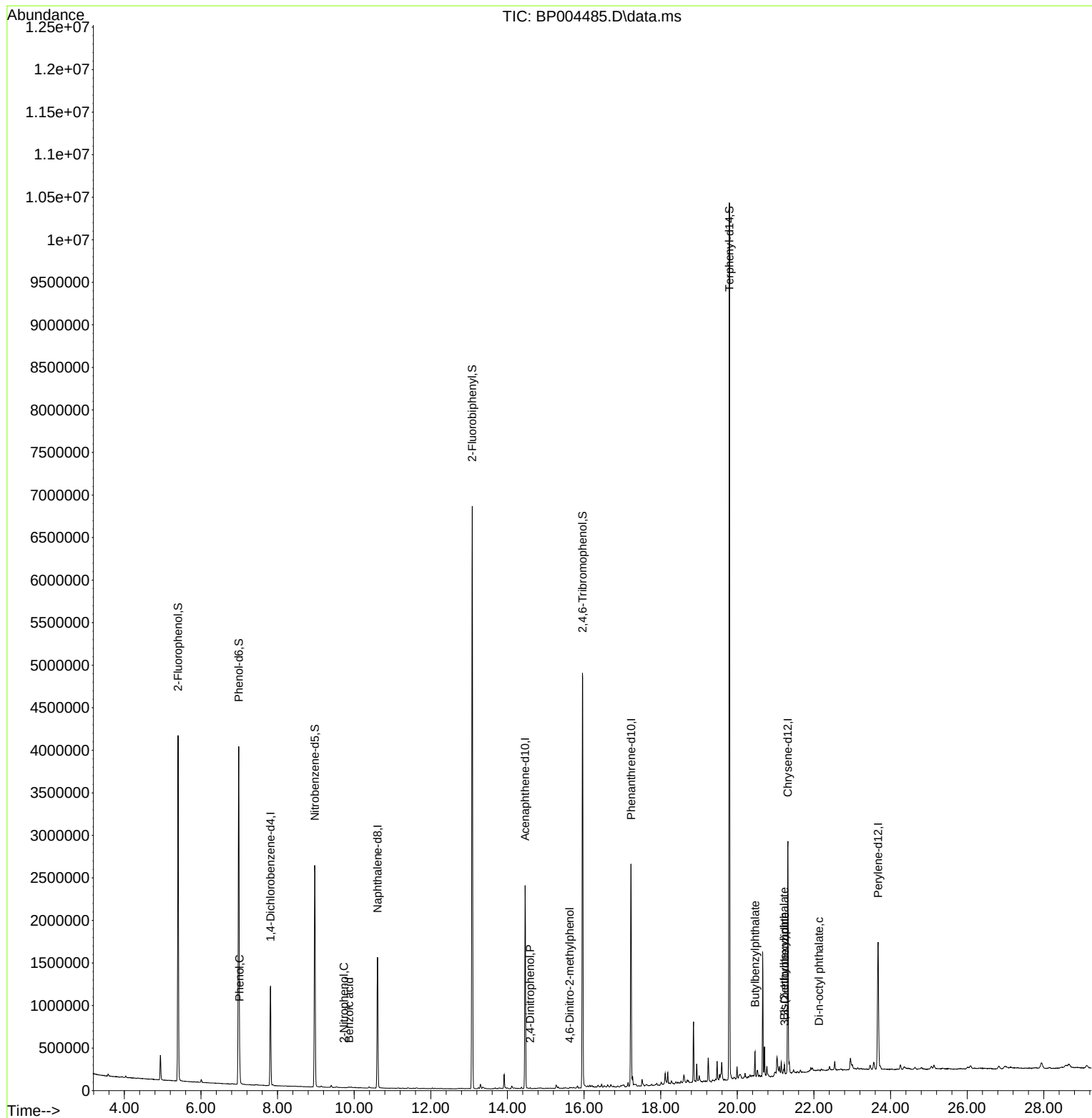
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	350153	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	1383302	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	817987	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1679782	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1356712	20.00	ng	0.00
86) Perylene-d12	23.674	264	1156258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1918980	89.80	ng	0.00
7) Phenol-d6	6.987	99	2548643	84.71	ng	0.00
23) Nitrobenzene-d5	8.969	82	1615158	55.51	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1048336	96.05	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3680010	57.02	ng	0.00
79) Terphenyl-d14	19.792	244	4524161	63.91	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.010	94	138349	4.65	ng	92
26) 2-Nitrophenol	9.734	139	194	2.65	ng	# 56
32) Benzoic acid	9.869	122	5046	7.61	ng	# 75
54) 2,4-Dinitrophenol	14.592	184	15	5.28	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.622	198	30	4.17	ng	# 1
80) Butylbenzylphthalate	20.463	149	1420	3.60	ng	# 50
82) 3,3'-Dichlorobenzidine	21.239	252	881	3.15	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.227	149	40437	4.11	ng	# 99
85) Di-n-octyl phthalate	22.133	149	2748	4.53	ng	# 88

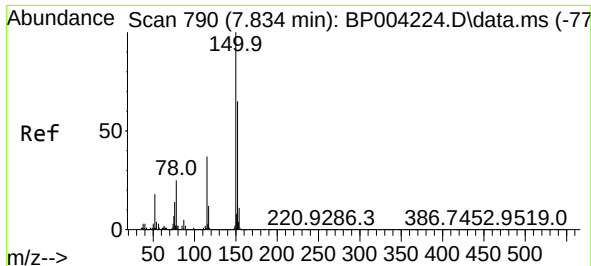
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:50:44 2021
Response via : Initial Calibration

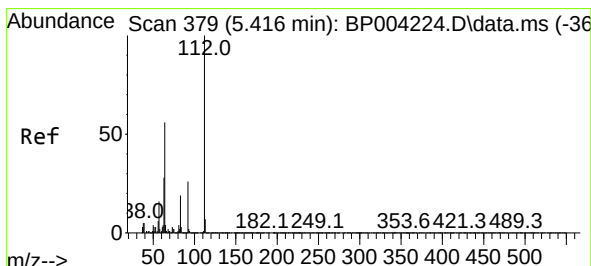
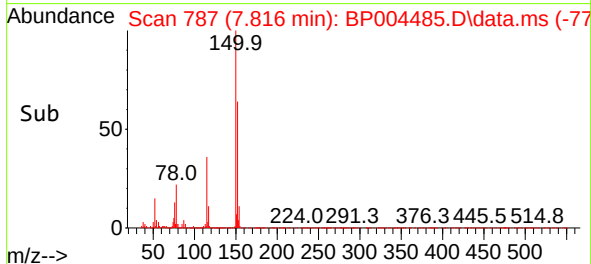
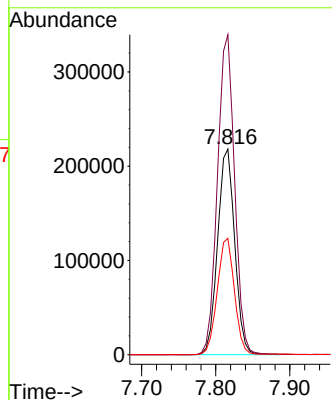
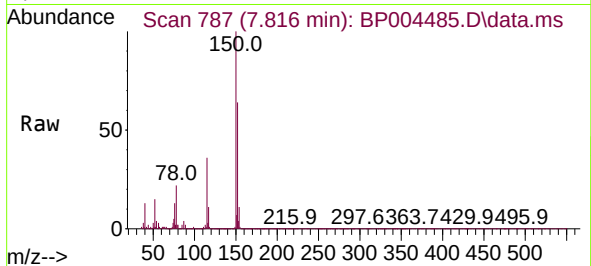




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

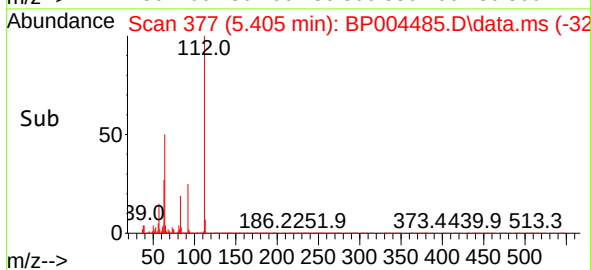
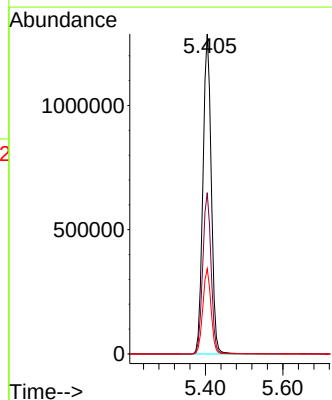
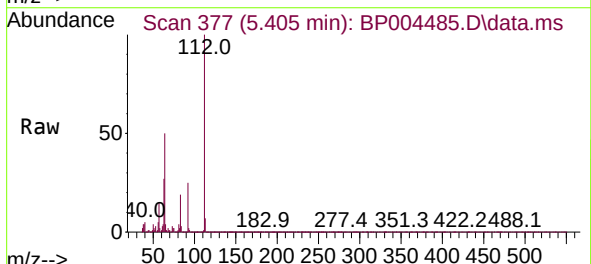
Instrument :
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20410

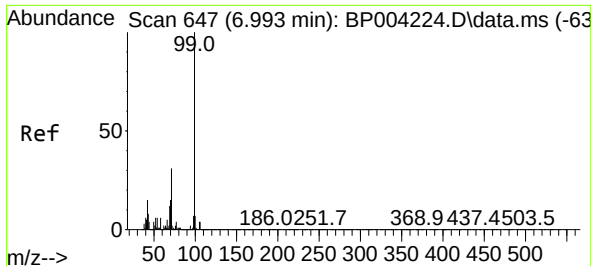
Tgt Ion:152 Resp: 350153
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 56.6 43.8 65.6



#5
2-Fluorophenol
Concen: 89.80 ng
RT: 5.405 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:112 Resp: 1918980
Ion Ratio Lower Upper
112 100
64 50.4 32.8 49.2#
63 26.6 17.0 25.4#

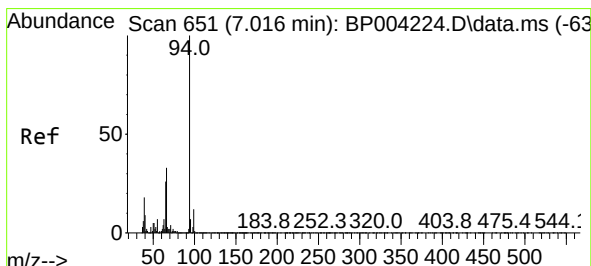
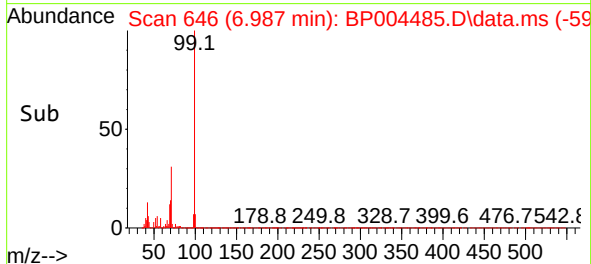
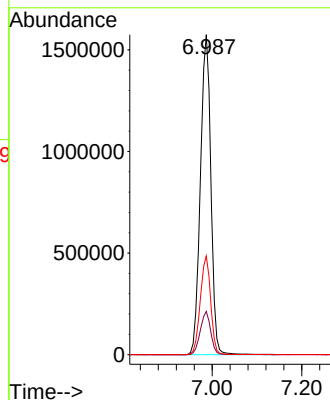
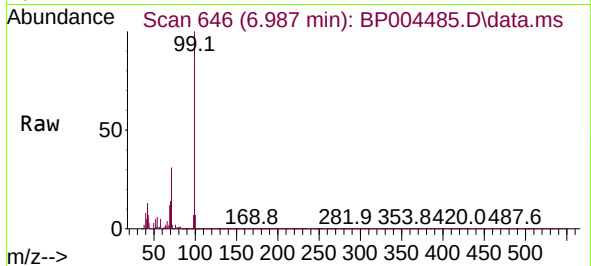




#7
Phenol-d6
Concen: 84.71 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

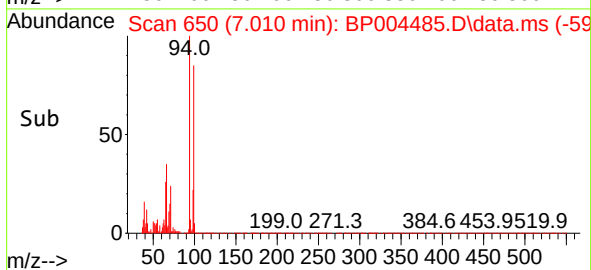
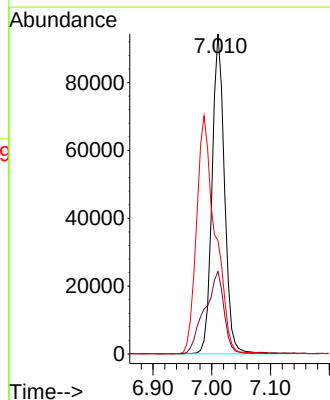
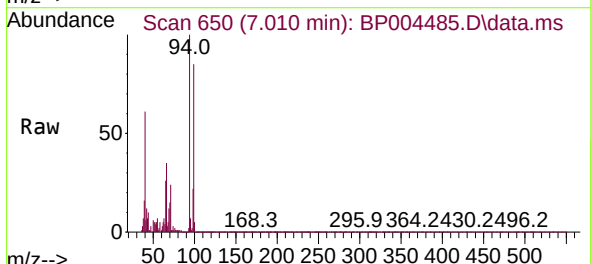
Instrument :
BNA_P
ClientSampleId :
20410

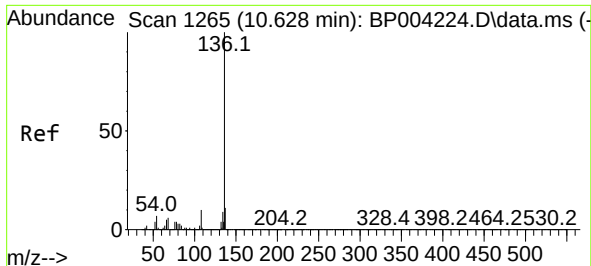
Tgt Ion: 99 Resp: 2548643
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 30.9 23.4 35.2



#10
Phenol
Concen: 4.65 ng
RT: 7.010 min Scan# 650
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion: 94 Resp: 138349
Ion Ratio Lower Upper
94 100
65 25.7 2.3 42.3
66 35.4 10.9 50.9



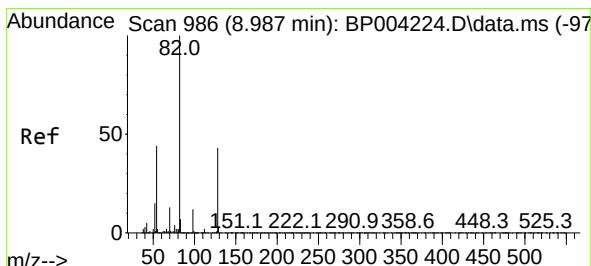
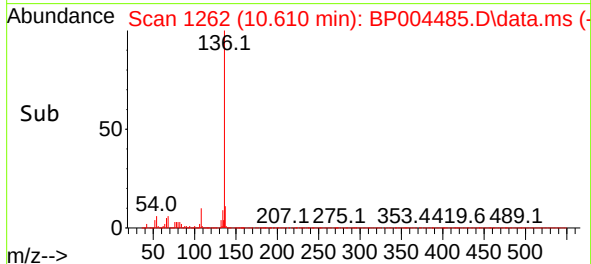
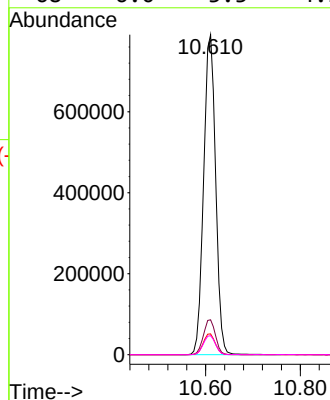
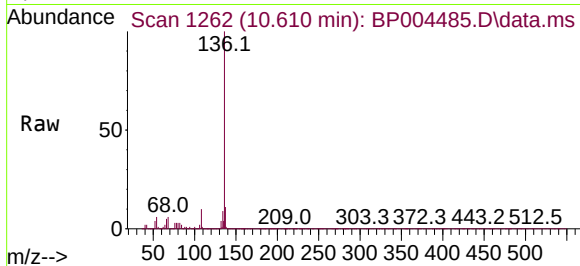


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Instrument :
BNA_P
ClientSampleId :
20410

Tgt Ion:136 Resp: 1383302

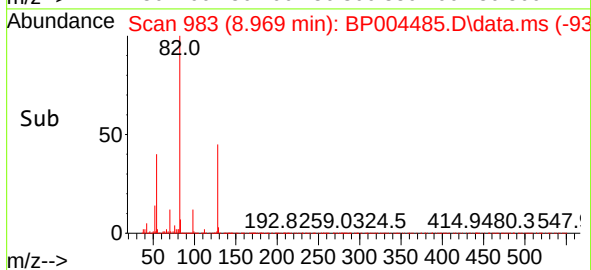
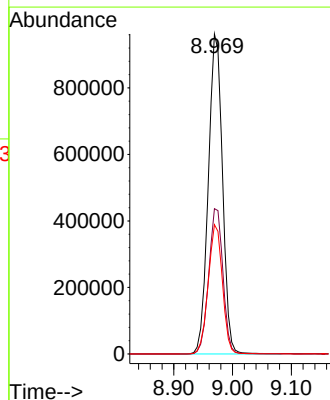
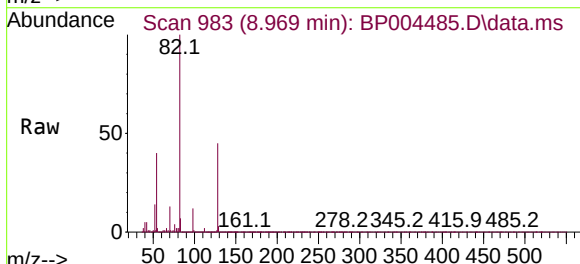
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.5	3.6	5.4#
68	6.0	3.3	4.9#

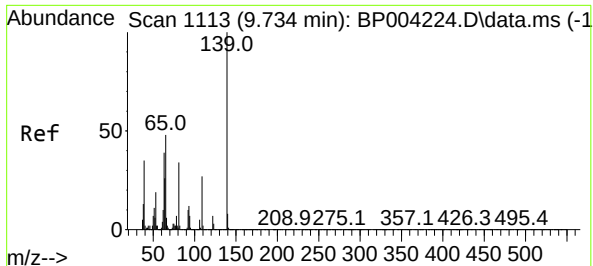


#23
Nitrobenzene-d5
Concen: 55.51 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion: 82 Resp: 1615158

Ion	Ratio	Lower	Upper
82	100		
128	45.4	45.6	68.4#
54	40.4	30.1	45.1

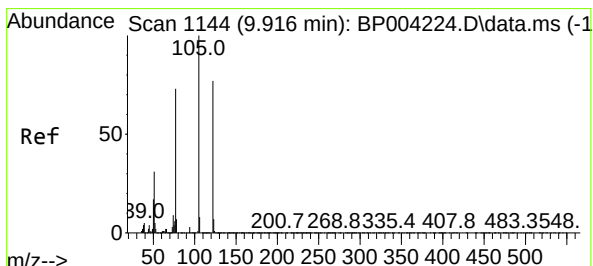
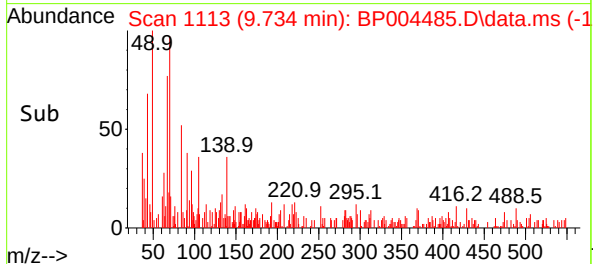
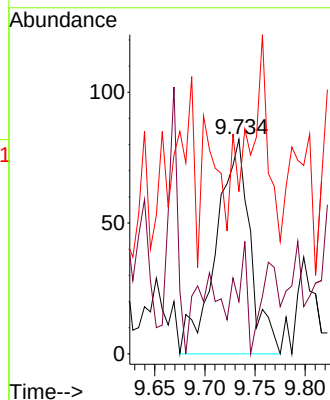
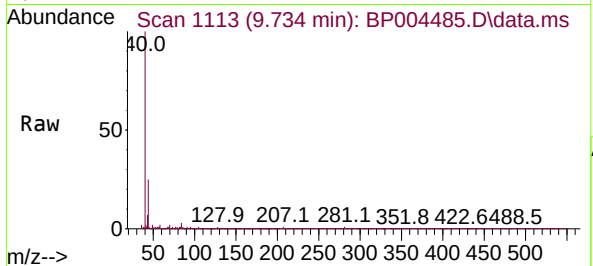




#26
2-Nitrophenol
Concen: 2.65 ng
RT: 9.734 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

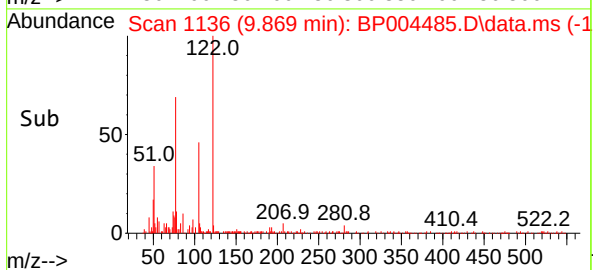
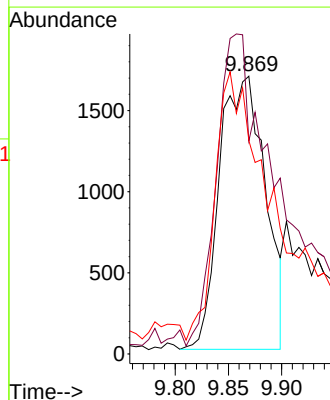
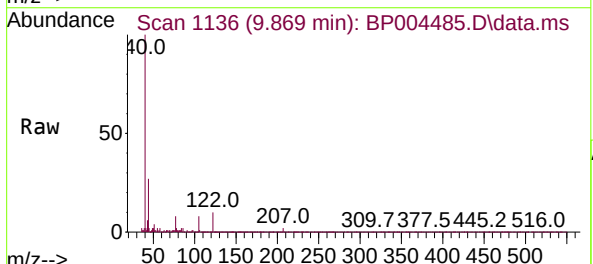
Instrument :
BNA_P
ClientSampled :
20410

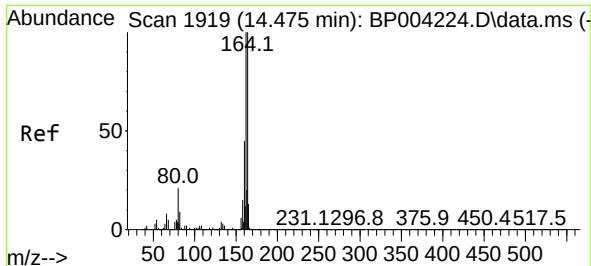
Tgt Ion:	139	Resp:	194
Ion	Ratio	Lower	Upper
139	100		
109	24.4	22.1	33.1
65	75.6	26.5	39.7#



#32
Benzoic acid
Concen: 7.61 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.059 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:	122	Resp:	5046
Ion	Ratio	Lower	Upper
122	100		
105	76.6	94.1	134.1#
77	76.8	50.1	90.1

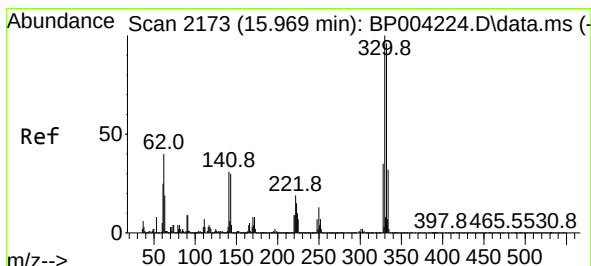
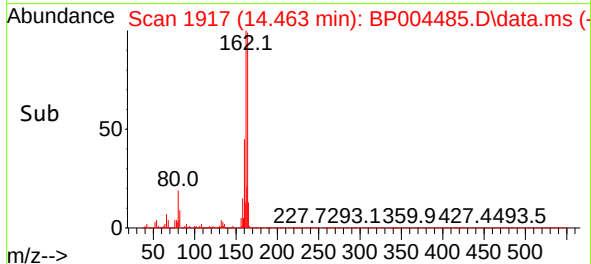
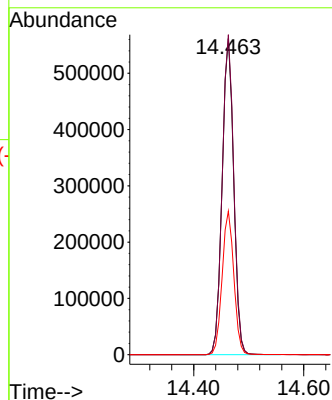
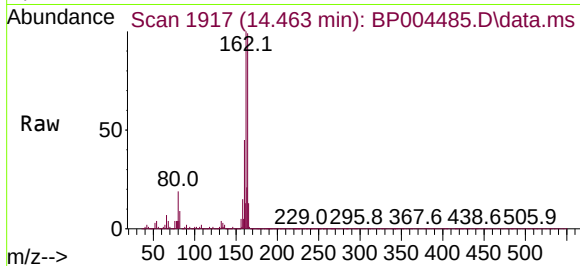




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

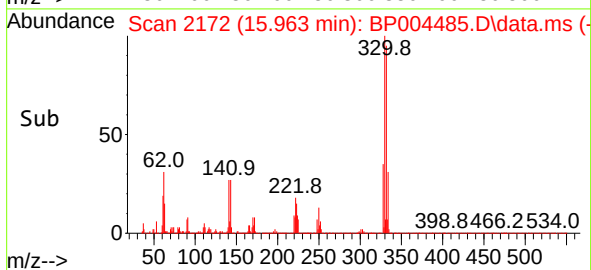
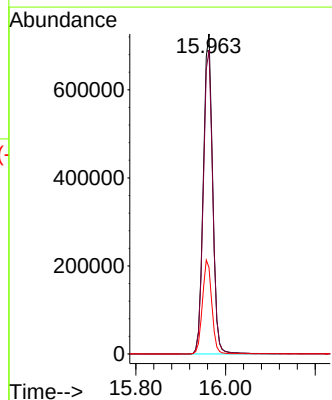
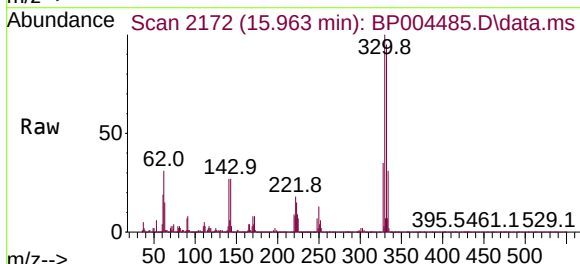
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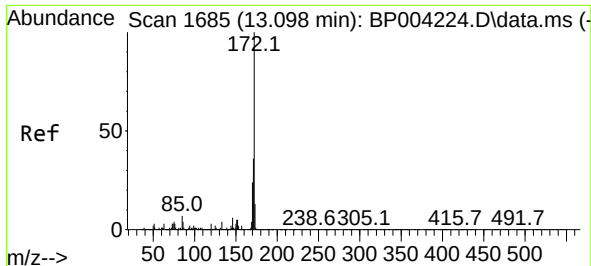
Tgt Ion:164 Resp: 817987
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 45.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 96.05 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:330 Resp: 1048336
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 29.5 23.4 35.2

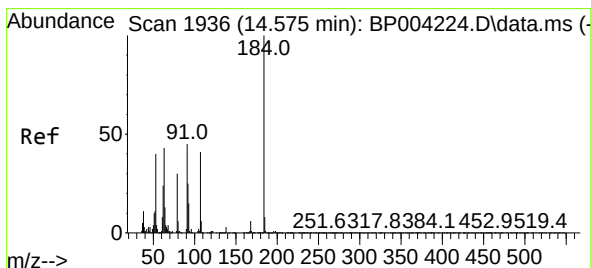
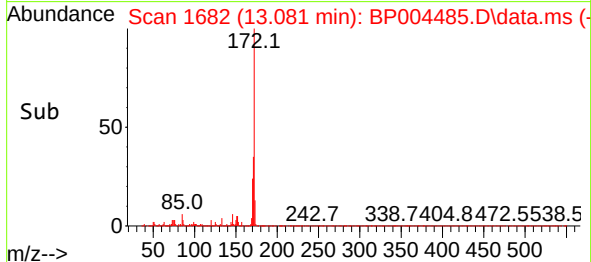
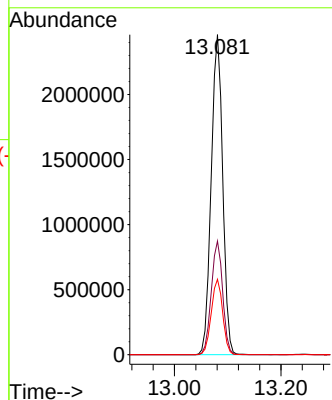
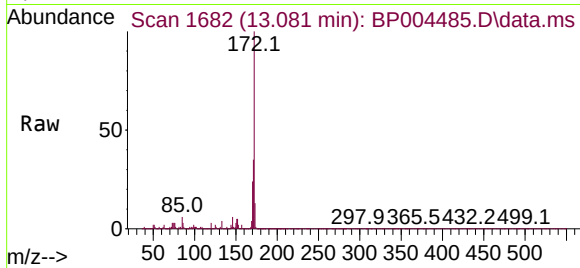




#45
2-Fluorobiphenyl
Concen: 57.02 ng
RT: 13.081 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

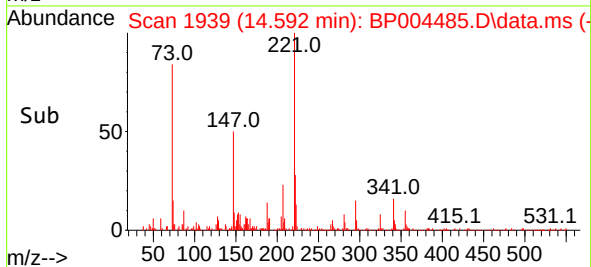
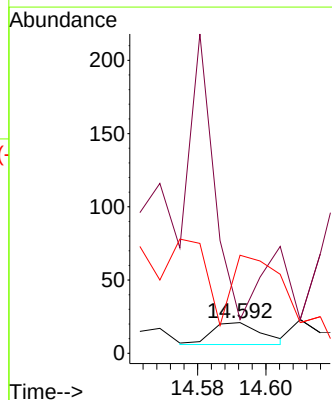
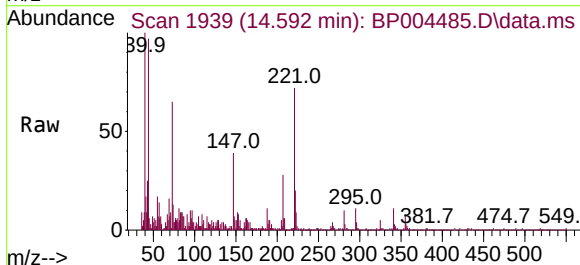
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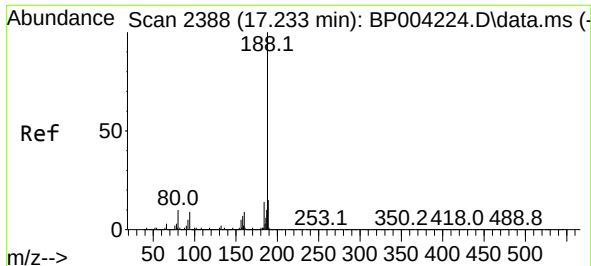
Tgt Ion:172 Resp: 3680010
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.592 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 109.5 32.3 48.5#
154 319.0 49.1 73.7#

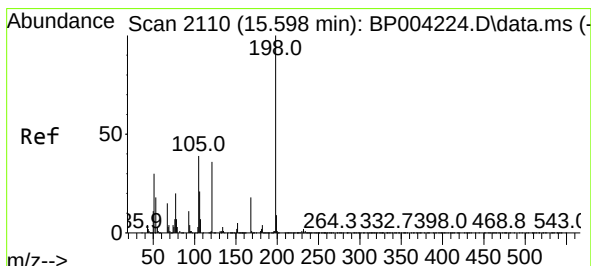
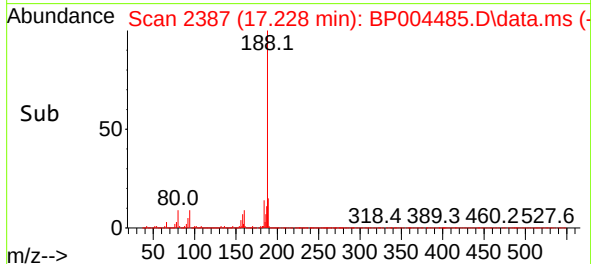
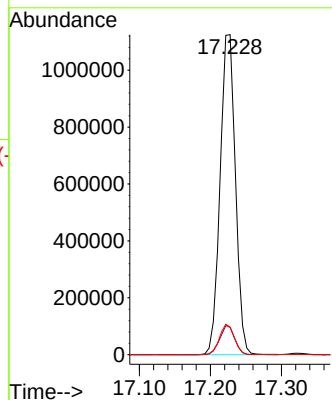
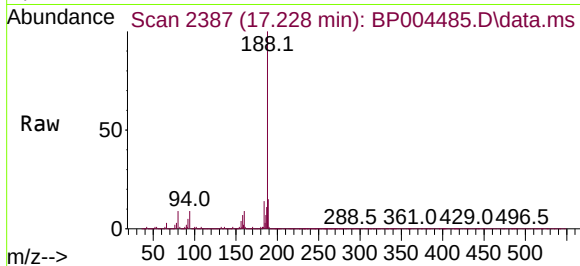




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

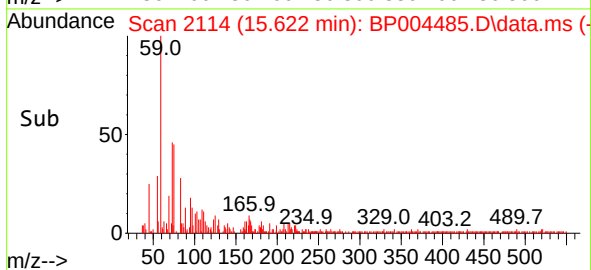
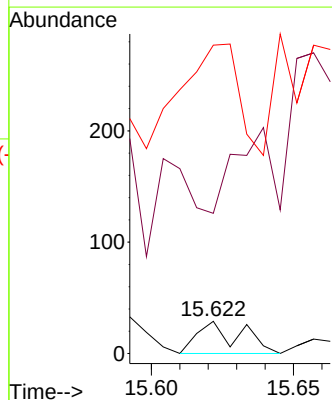
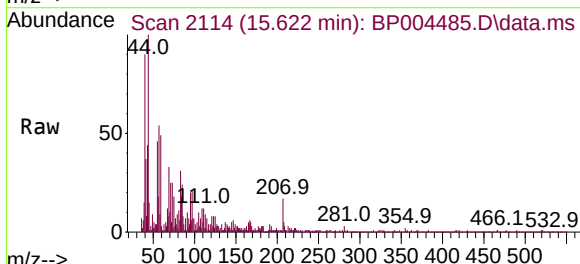
Instrument :
BNA_P
ClientSampled :
20410

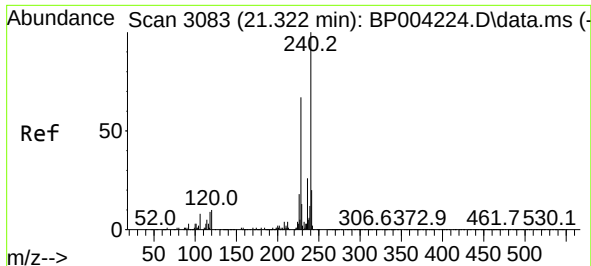
Tgt Ion:188 Resp: 1679782
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.7 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.17 ng
RT: 15.622 min Scan# 2114
Delta R.T. 0.012 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 434.5 6.4 46.4#
105 955.2 18.9 58.9#

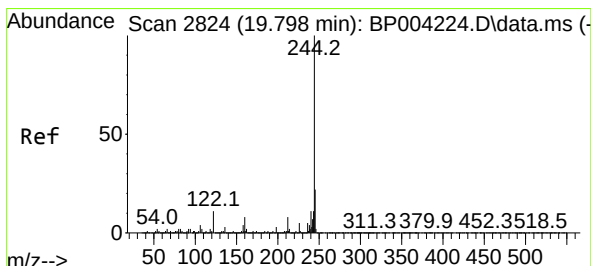
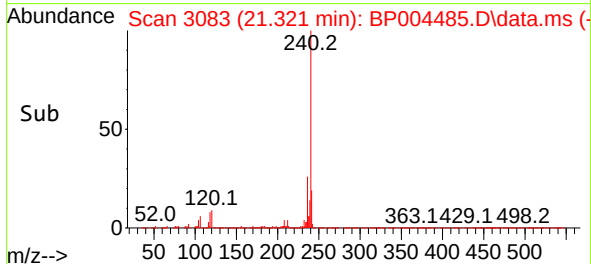
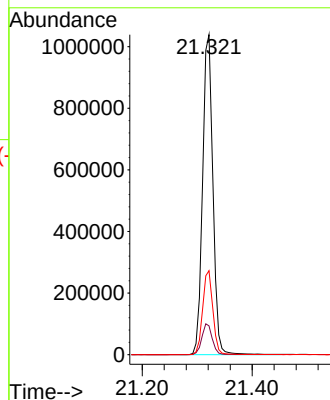
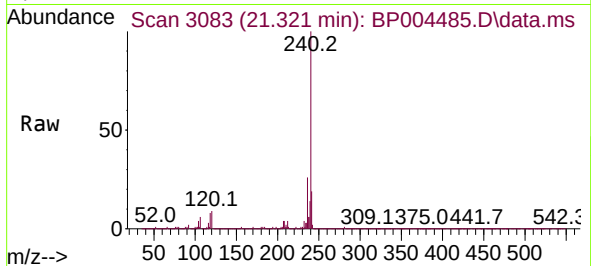




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

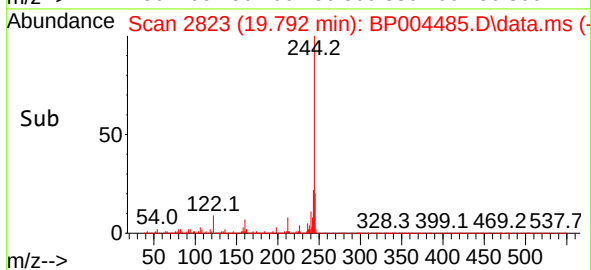
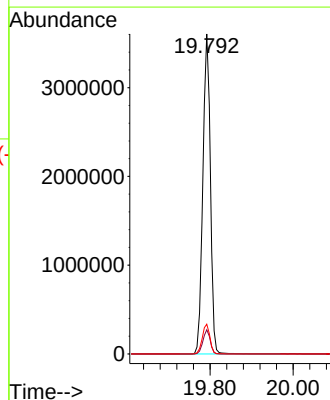
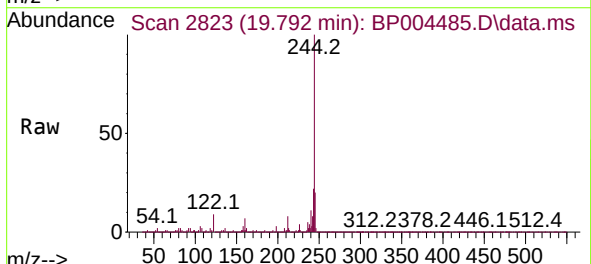
Instrument :
BNA_P
ClientSampled :
20410

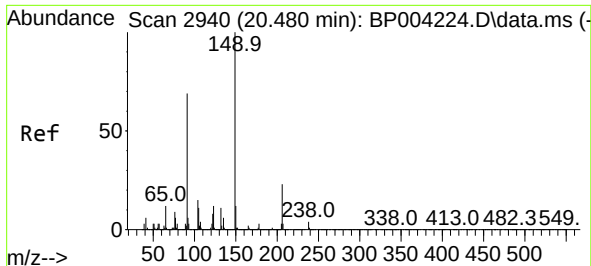
Tgt Ion:240 Resp: 1356712
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 63.91 ng
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:244 Resp: 4524161
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.3 7.8 11.8

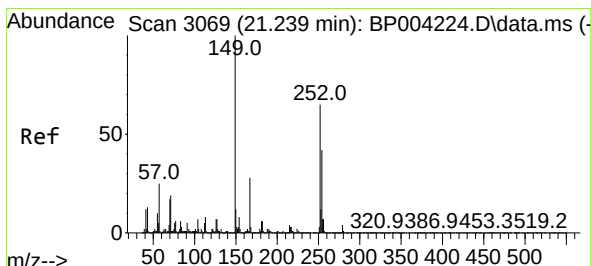
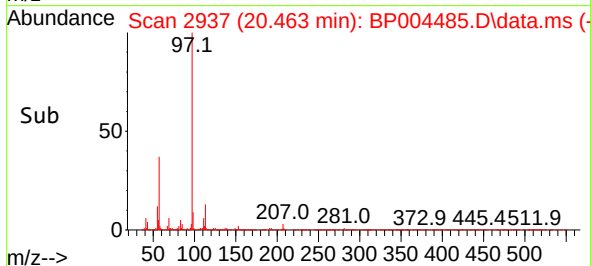
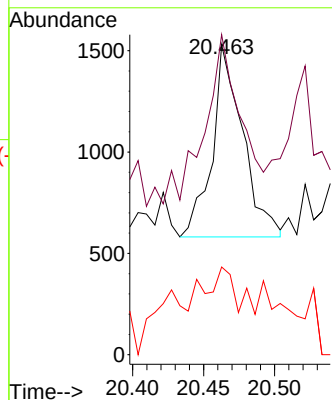
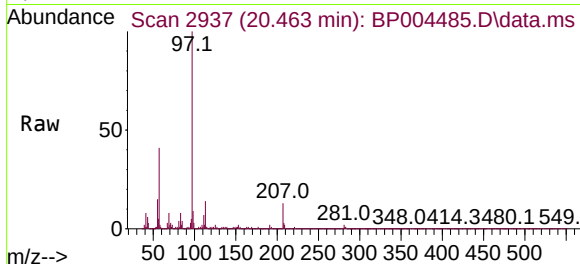




#80
Butylbenzylphthalate
Concen: 3.60 ng
RT: 20.463 min Scan# 2937
Delta R.T. -0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

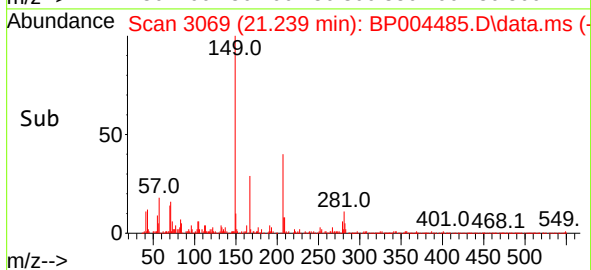
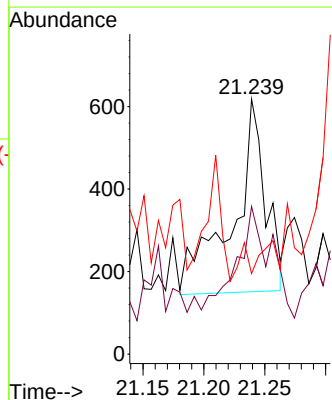
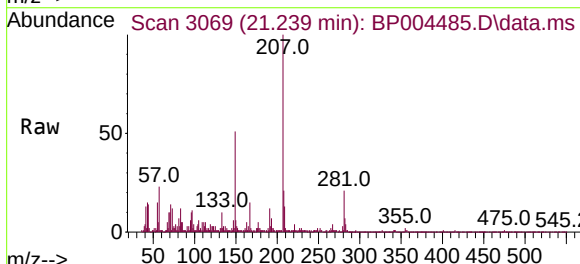
Instrument :
BNA_P
ClientSampled :
20410

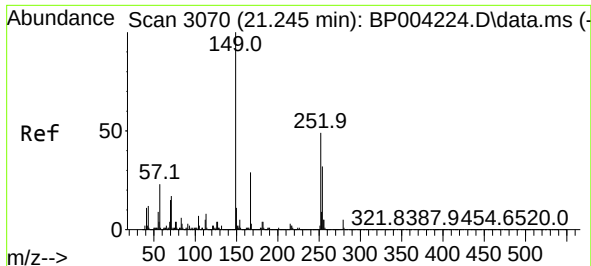
Tgt Ion:149 Resp: 1420
Ion Ratio Lower Upper
149 100
91 103.2 45.4 68.0#
206 28.3 17.1 25.7#



#82
3,3'-Dichlorobenzidine
Concen: 3.15 ng
RT: 21.239 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Tgt Ion:252 Resp: 881
Ion Ratio Lower Upper
252 100
254 57.9 51.0 76.4
126 31.6 7.9 11.9#

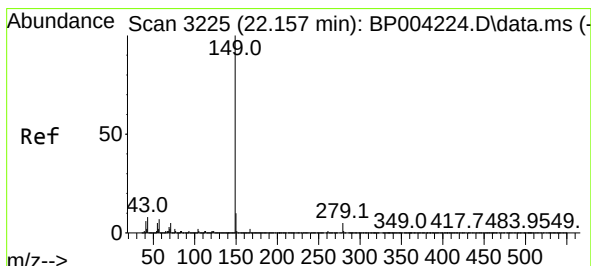
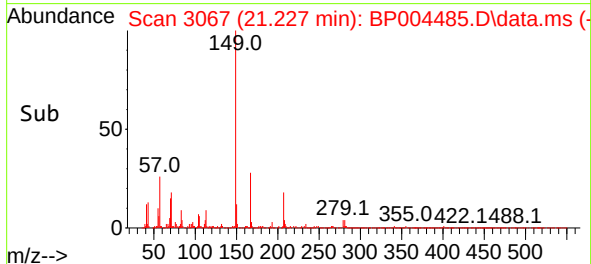
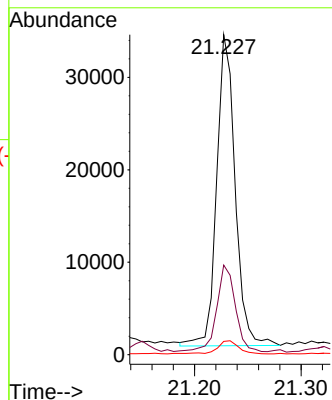
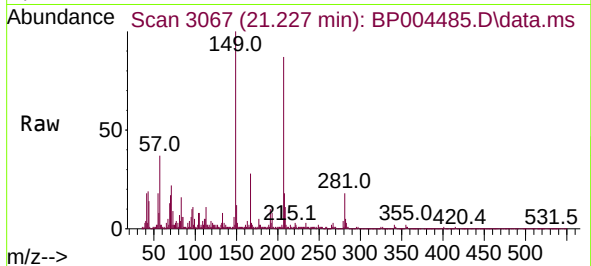




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.11 ng
RT: 21.227 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

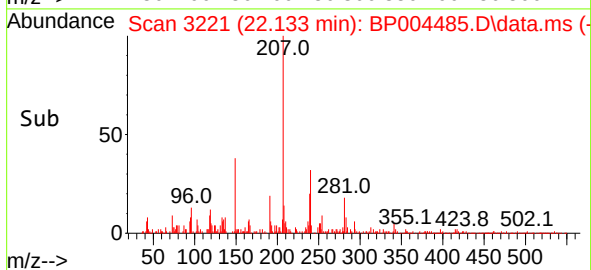
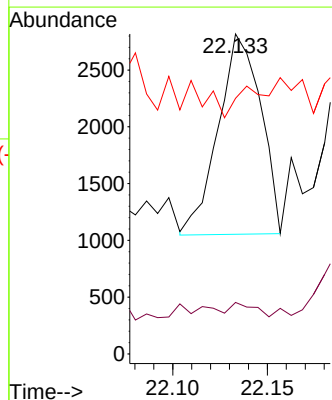
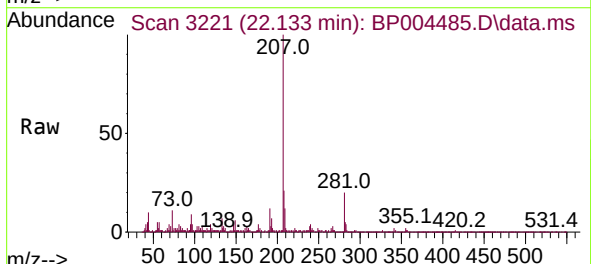
Instrument :
BNA_P
ClientSampled :
20410

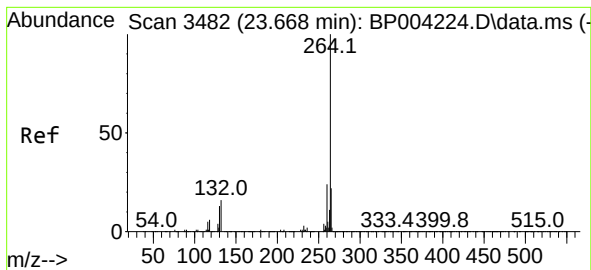
Tgt Ion:149 Resp: 40437
Ion Ratio Lower Upper
149 100
167 28.0 22.6 34.0
279 4.1 4.2 6.2#



#85
Di-n-octyl phthalate
Concen: 4.53 ng
RT: 22.133 min Scan# 3221
Delta R.T. -0.006 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

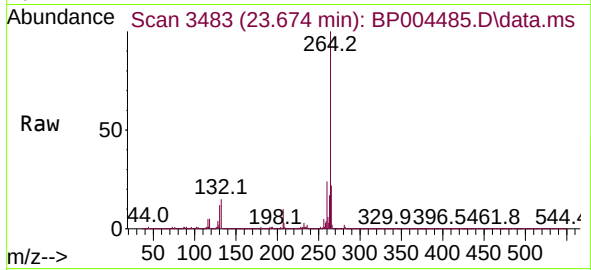
Tgt Ion:149 Resp: 2748
Ion Ratio Lower Upper
149 100
167 3.8 1.3 1.9#
43 0.0 3.7 5.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.000 min
Lab File: BP004485.D
Acq: 07 Jan 2021 18:04

Instrument :
BNA_P
ClientSampleId :
20410



Tgt Ion:264 Resp: 1156258

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.7	17.4	26.2

