

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
 Data File : BP004419.D
 Acq On : 23 Dec 2020 11:52
 Operator : CG/JU
 Sample : PB133592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133592BL

Quant Time: Dec 23 12:38:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 10:27:21 2020
 Response via : Initial Calibration

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

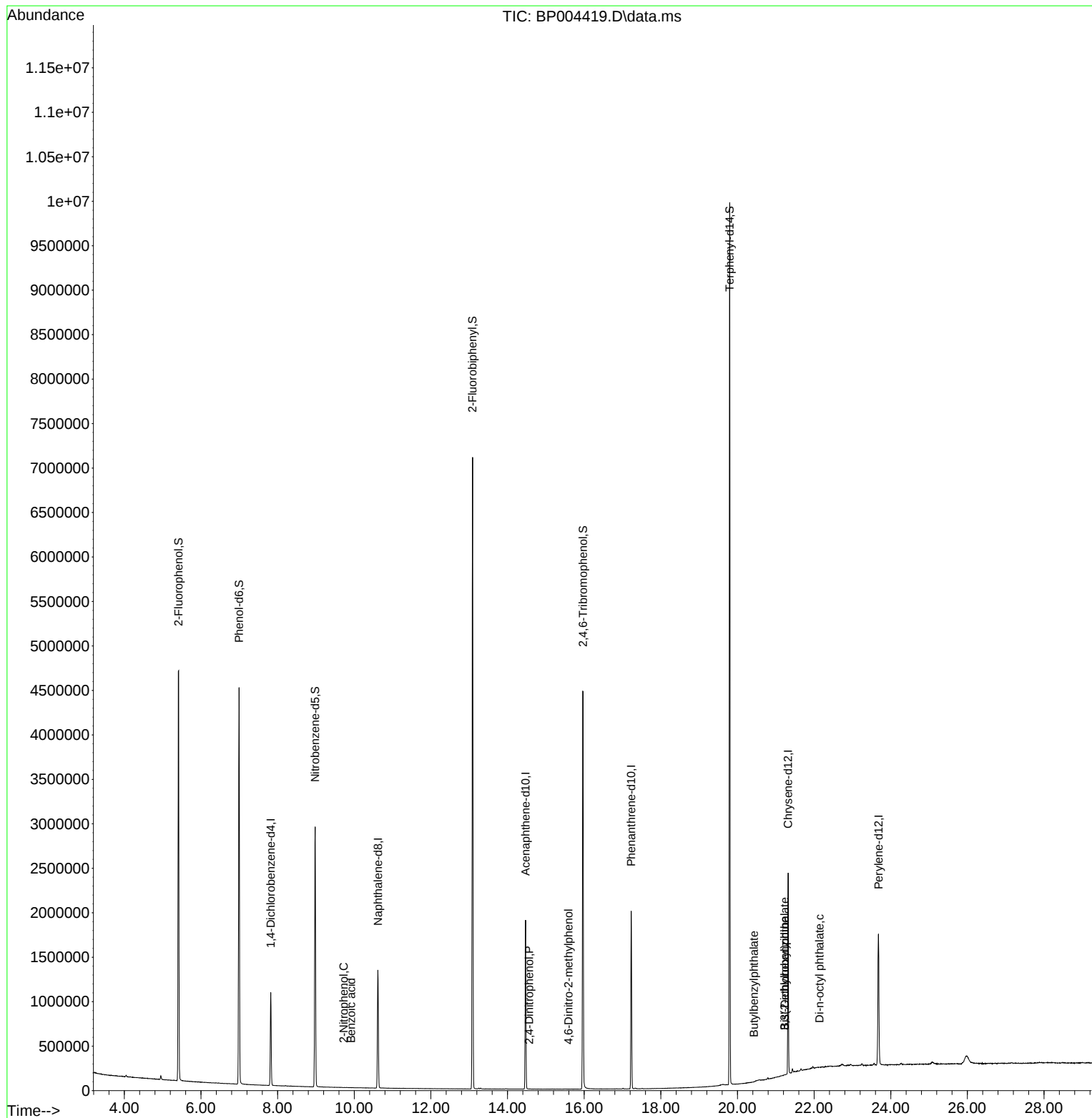
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	305437	20.00	ng	-0.01
21) Naphthalene-d8	10.616	136	1150057	20.00	ng	#-0.01
39) Acenaphthene-d10	14.469	164	634229	20.00	ng	0.00
64) Phenanthrene-d10	17.228	188	1209411	20.00	ng	# 0.00
76) Chrysene-d12	21.322	240	1062113	20.00	ng	0.00
86) Perylene-d12	23.680	264	1146642	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2203009	118.19	ng	0.00
7) Phenol-d6	6.993	99	2824566	107.63	ng	0.00
23) Nitrobenzene-d5	8.981	82	1806263	74.66	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	947899	112.01	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	3818675	76.31	ng	-0.01
79) Terphenyl-d14	19.798	244	4292555	77.46	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.728	139	16	2.64	ng	# 1
32) Benzoic acid	9.916	122	83	7.27	ng	# 1
54) 2,4-Dinitrophenol	14.563	184	16	5.28	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.593	198	23	4.17	ng	# 1
80) Butylbenzylphthalate	20.433	149	569	3.58	ng	93
82) 3,3'-Dichlorobenzidine	21.233	252	112	3.13	ng	# 55
84) Bis(2-ethylhexyl)phtha...	21.233	149	883	3.43	ng	# 78
85) Di-n-octyl phthalate	22.139	149	245	4.50	ng	# 1

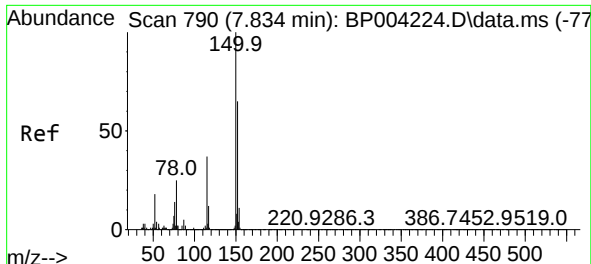
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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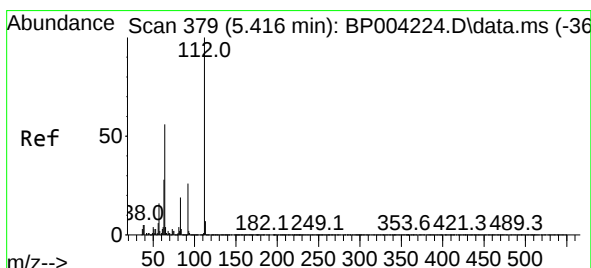
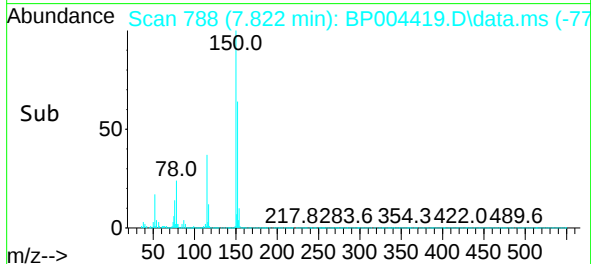
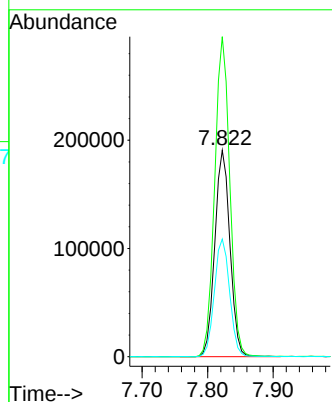
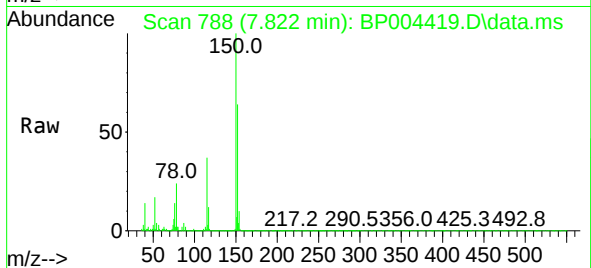




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.822 min Scan# 788
Delta R.T. -0.012 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

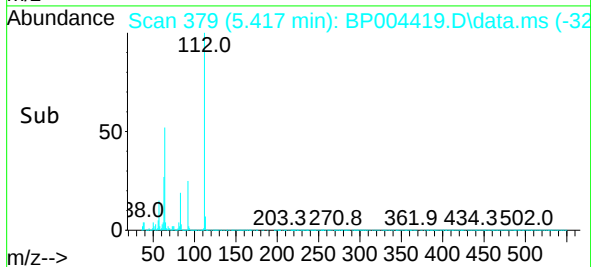
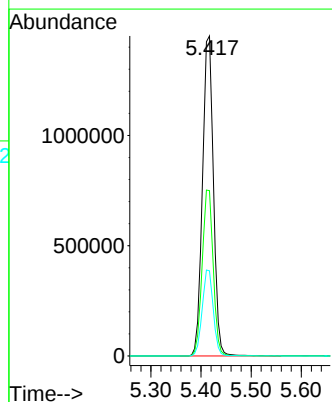
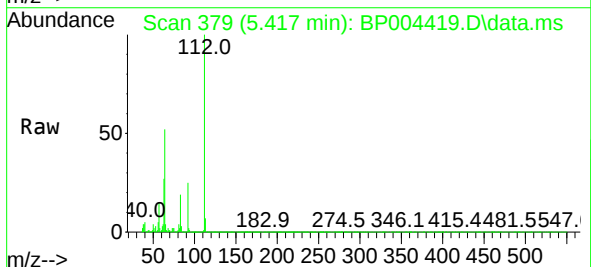
Instrument :
BNA_P
ClientSampleId :
PB133592BL

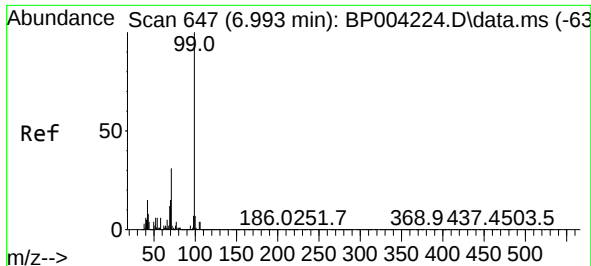
Tgt Ion:152 Resp: 305437
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 57.0 43.8 65.6



#5
2-Fluorophenol
Concen: 118.19 ng
RT: 5.417 min Scan# 379
Delta R.T. 0.000 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:112 Resp: 2203009
Ion Ratio Lower Upper
112 100
64 51.6 32.8 49.2#
63 26.6 17.0 25.4#

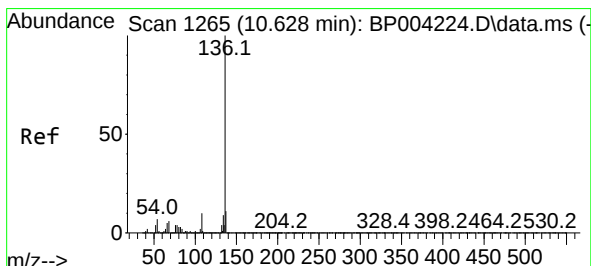
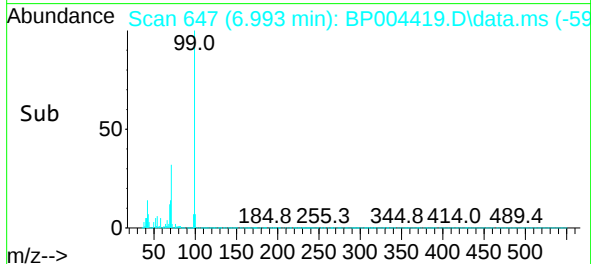
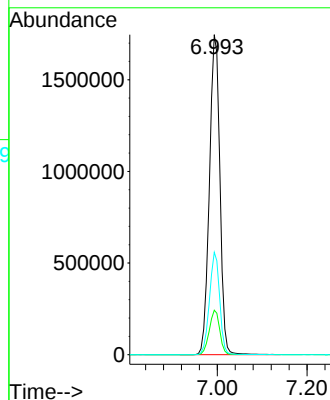
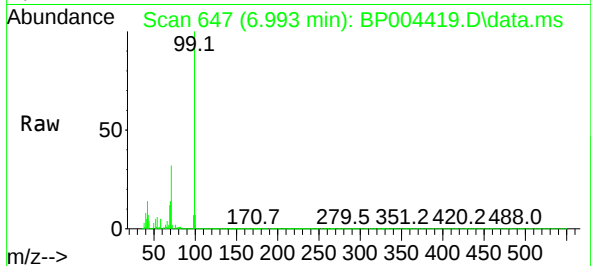




#7
Phenol-d6
Concen: 107.63 ng
RT: 6.993 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

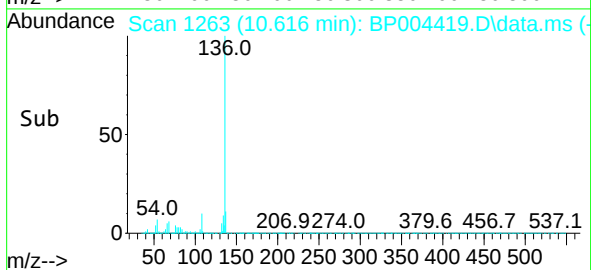
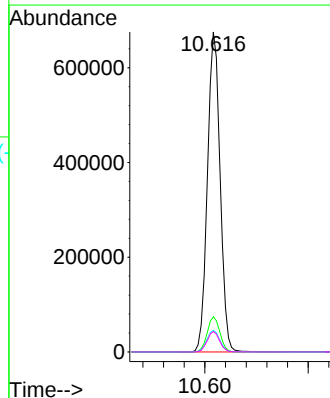
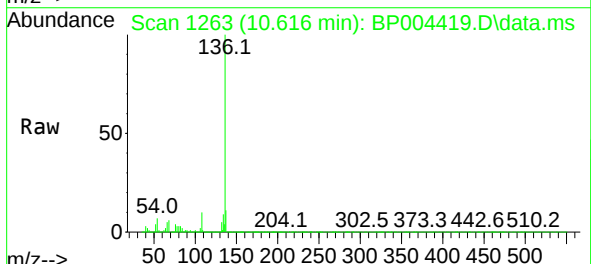
Instrument :
BNA_P
ClientSampleId :
PB133592BL

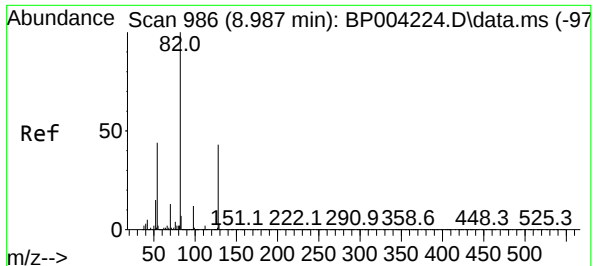
Tgt Ion: 99 Resp: 2824566
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 32.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.616 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion: 136 Resp: 1150057
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.8 3.6 5.4#
68 6.4 3.3 4.9#

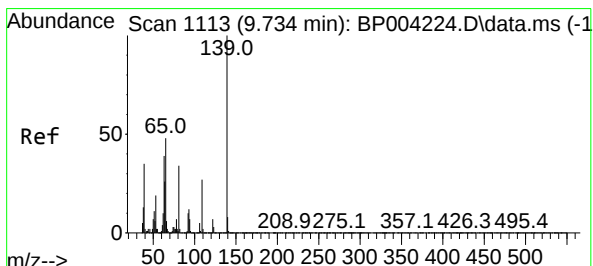
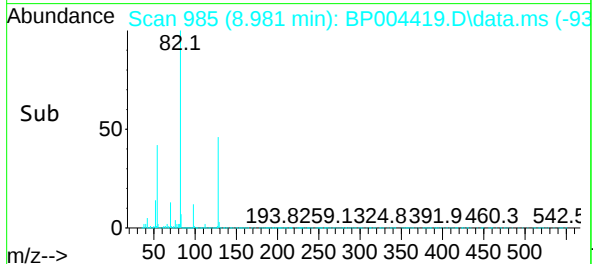
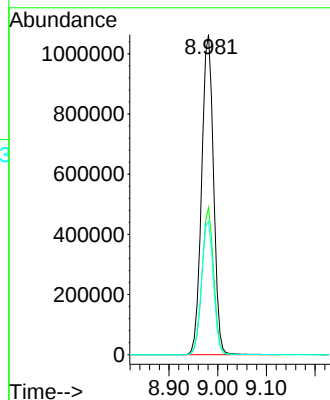
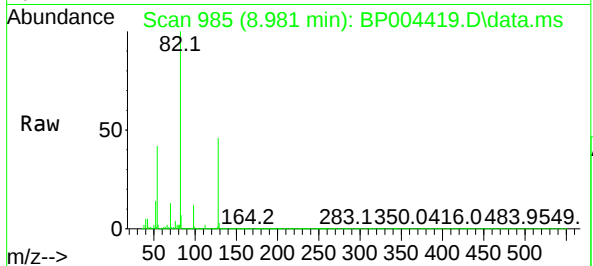




#23
Nitrobenzene-d5
Concen: 74.66 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

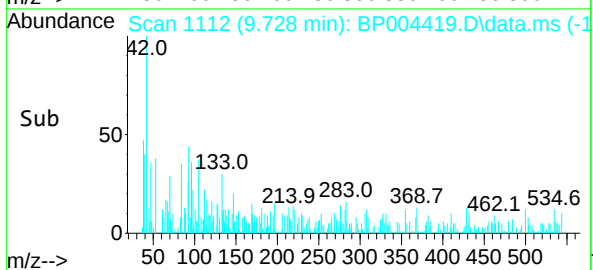
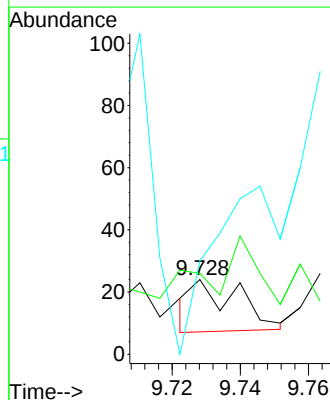
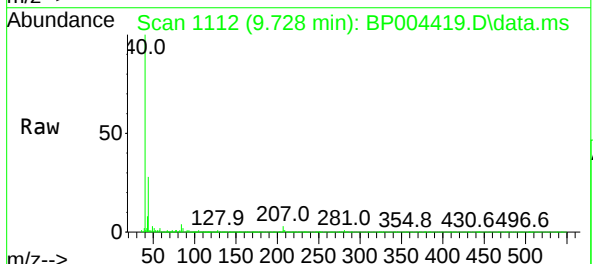
Instrument :
BNA_P
ClientSampleId :
PB133592BL

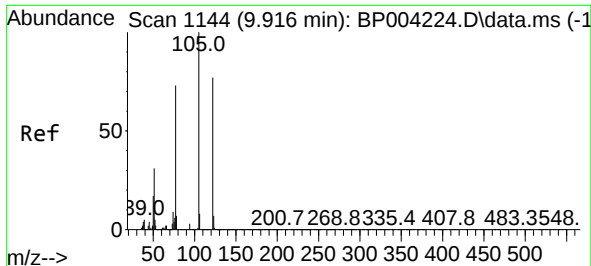
Tgt Ion: 82 Resp: 1806263
Ion Ratio Lower Upper
82 100
128 46.0 45.6 68.4
54 41.5 30.1 45.1



#26
2-Nitrophenol
Concen: 2.64 ng
RT: 9.728 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 108.3 22.1 33.1#
65 125.0 26.5 39.7#

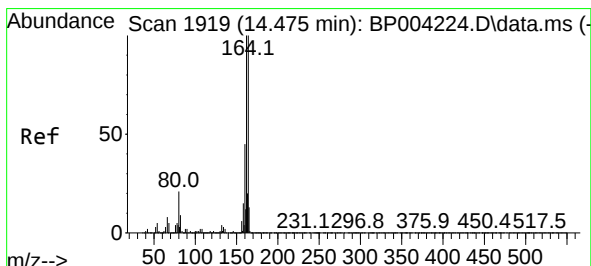
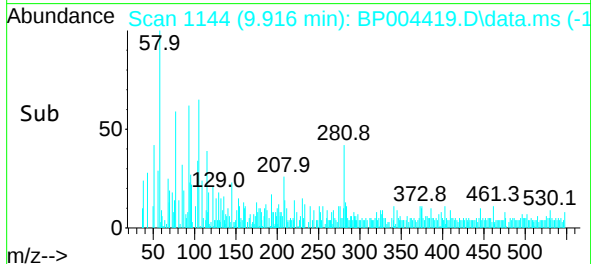
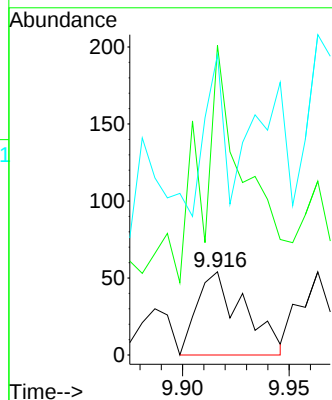
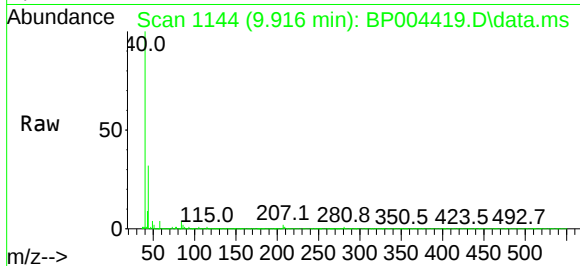




#32
Benzoic acid
Concen: 7.27 ng
RT: 9.916 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

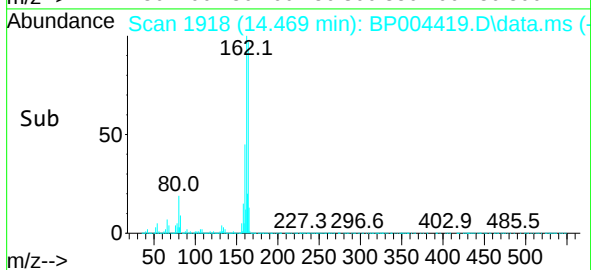
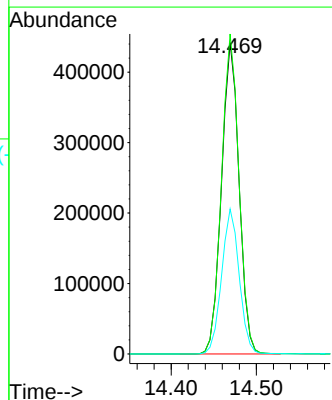
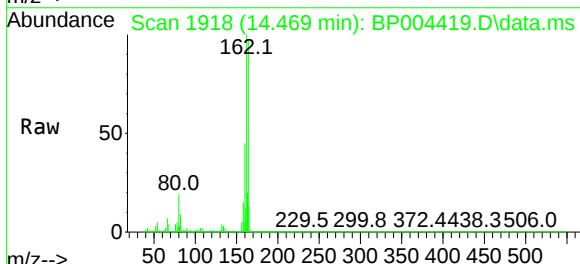
Instrument :
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ClientSampleId :
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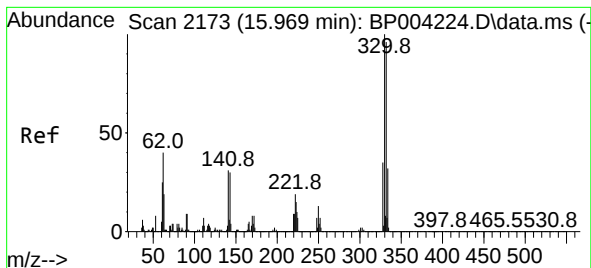
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 372.2 94.1 134.1#
77 361.1 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:164 Resp: 634229
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.2
160 46.5 36.1 54.1

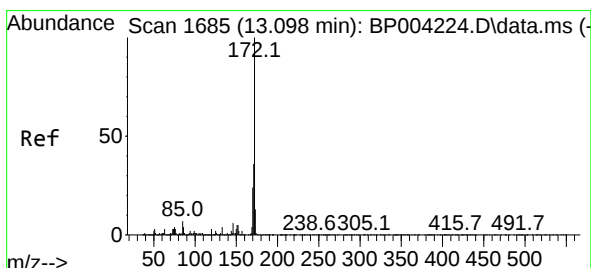
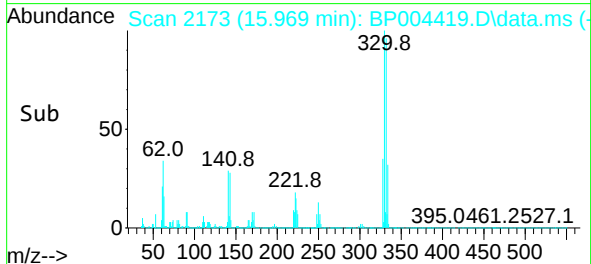
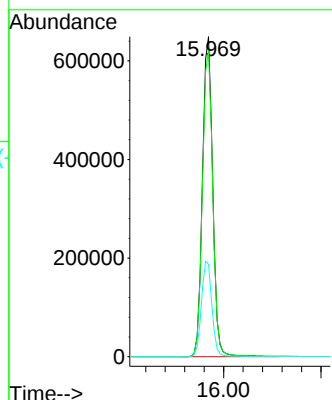
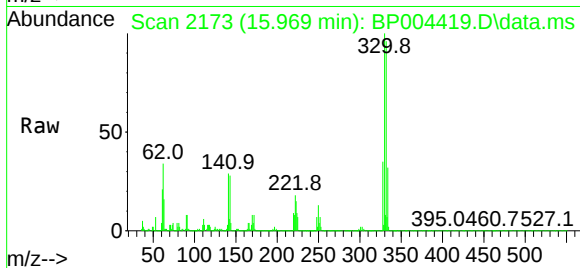




#42
2,4,6-Tribromophenol
Concen: 112.01 ng
RT: 15.969 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

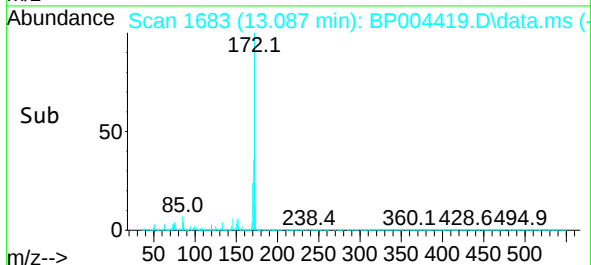
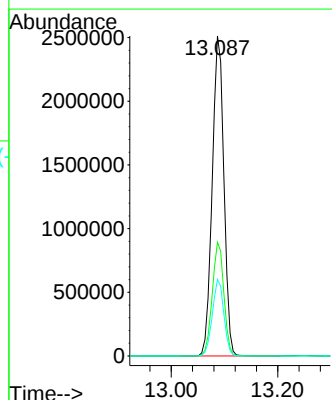
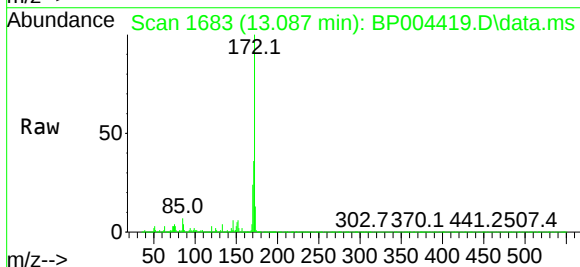
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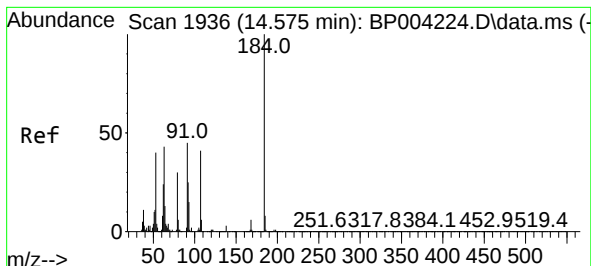
Tgt Ion:330 Resp: 947899
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 30.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.31 ng
RT: 13.087 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:172 Resp: 3818675
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.9 19.2 28.8

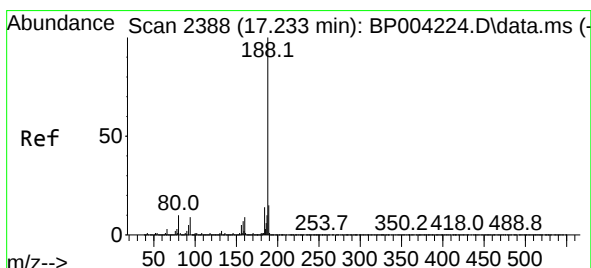
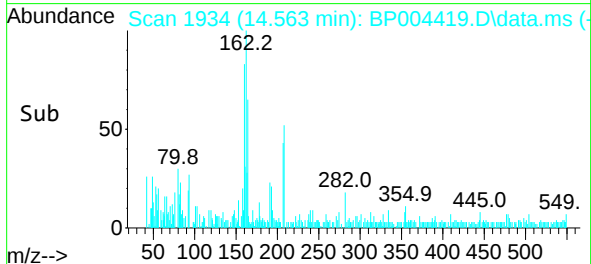
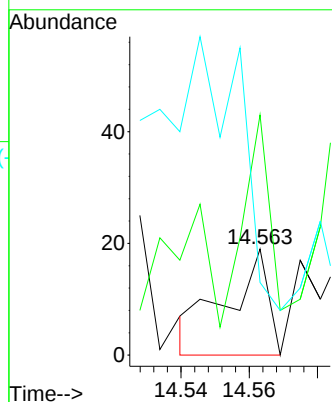
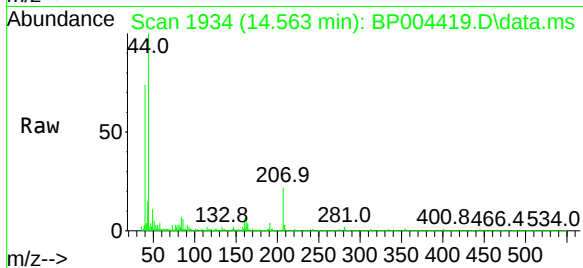




#54
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

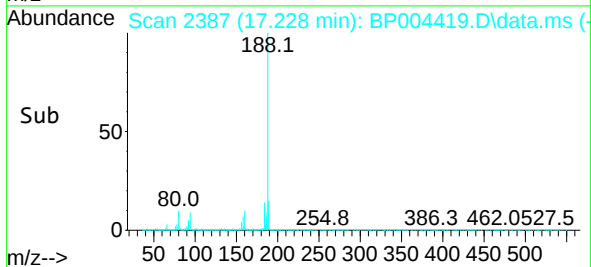
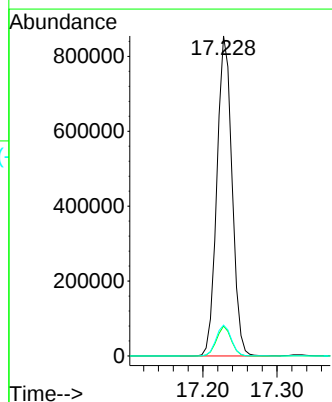
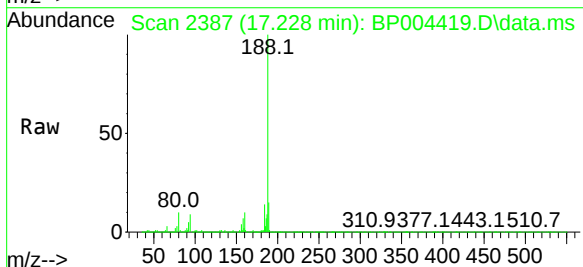
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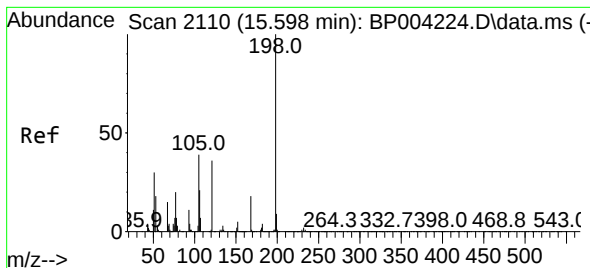
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 226.3 32.3 48.5#
154 68.4 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.228 min Scan# 2387
Delta R.T. -0.005 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:188 Resp: 1209411
Ion Ratio Lower Upper
188 100
94 9.3 6.2 9.2#
80 9.6 6.2 9.2#

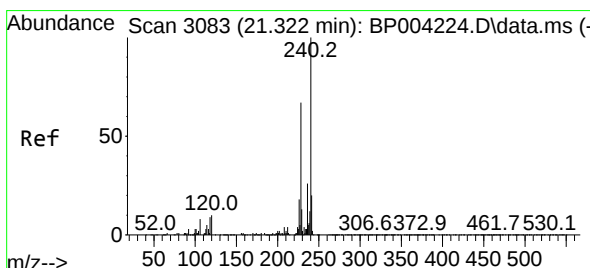
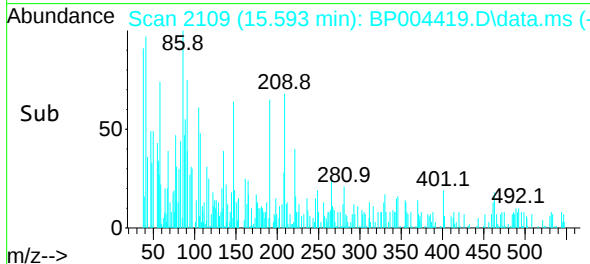
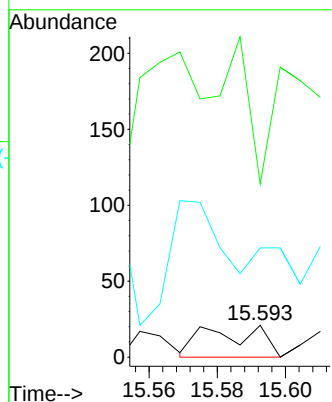
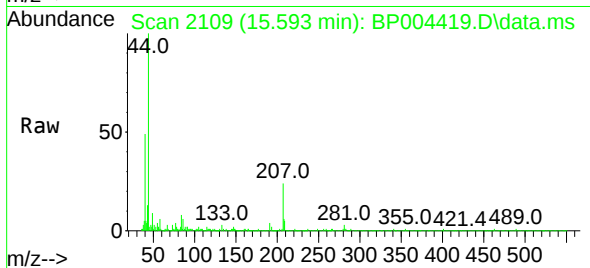




#65
4,6-Dinitro-2-methylphenol
Concen: 4.17 ng
RT: 15.593 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

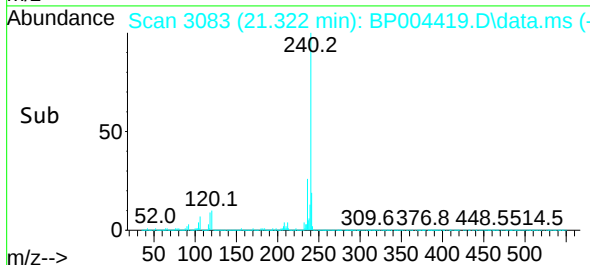
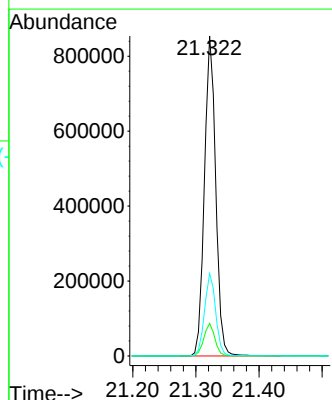
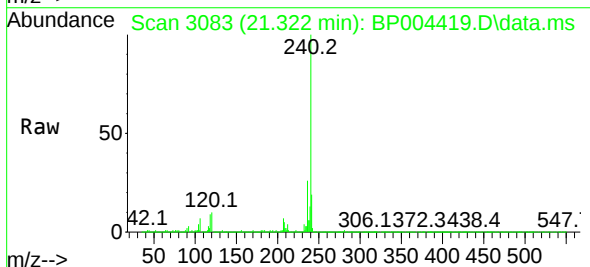
Instrument :
BNA_P
ClientSampleId :
PB133592BL

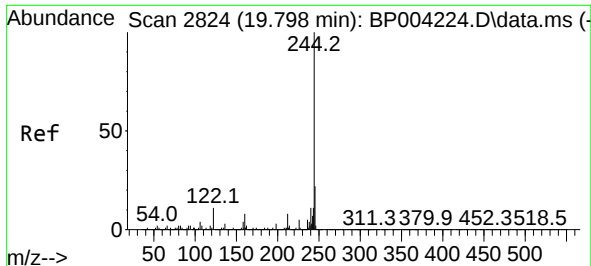
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 438.5 6.4 46.4#
105 276.9 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.322 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:240 Resp: 1062113
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 25.8 20.8 31.2

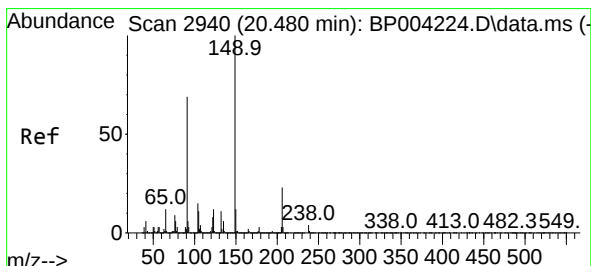
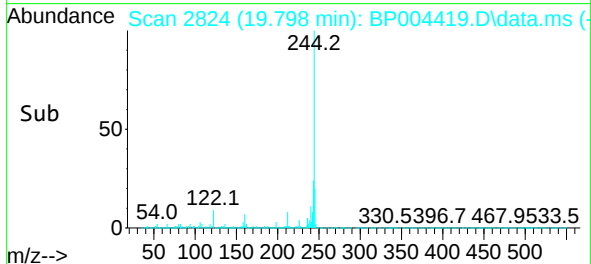
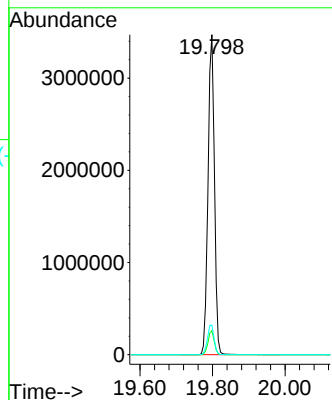
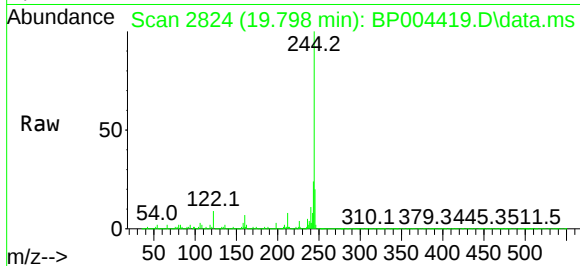




#79
 Terphenyl-d14
 Concen: 77.46 ng
 RT: 19.798 min Scan# 2824
 Delta R.T. 0.000 min
 Lab File: BP004419.D
 Acq: 23 Dec 2020 11:52

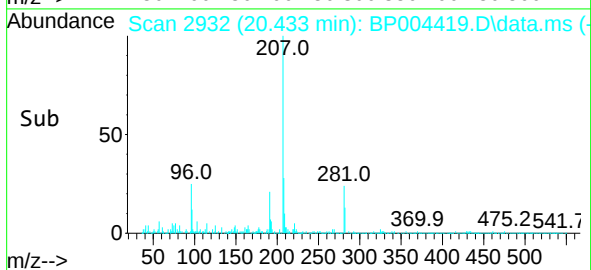
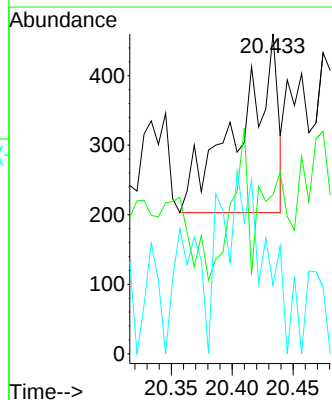
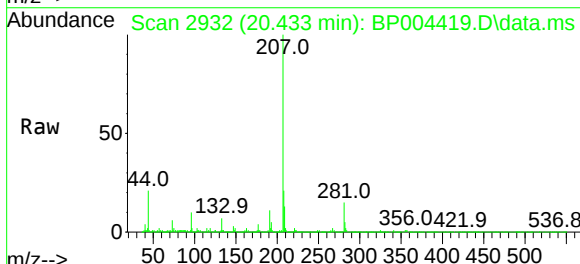
Instrument :
 BNA_P
 ClientSampleId :
 PB133592BL

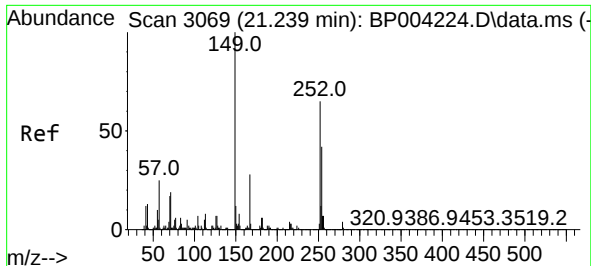
Tgt Ion:244 Resp: 4292555
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 3.58 ng
 RT: 20.433 min Scan# 2932
 Delta R.T. -0.047 min
 Lab File: BP004419.D
 Acq: 23 Dec 2020 11:52

Tgt Ion:149 Resp: 569
 Ion Ratio Lower Upper
 149 100
 91 49.8 45.4 68.0
 206 21.5 17.1 25.7

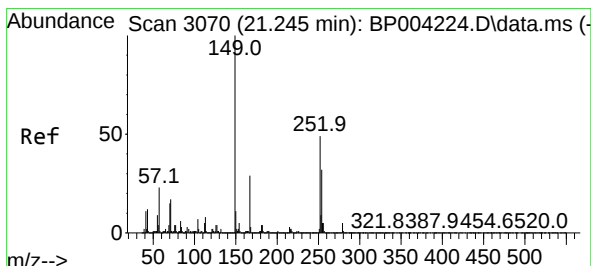
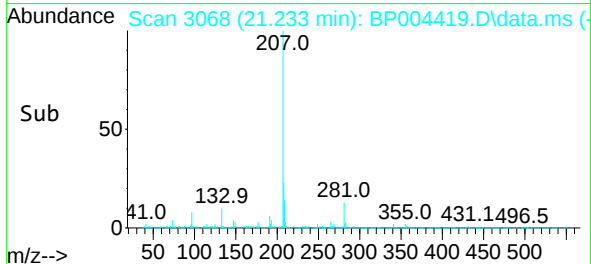
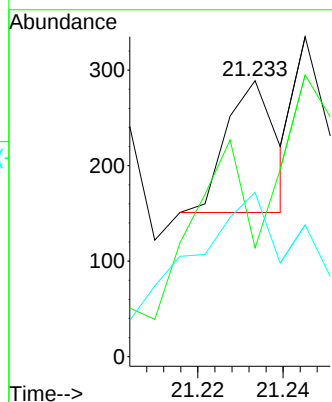
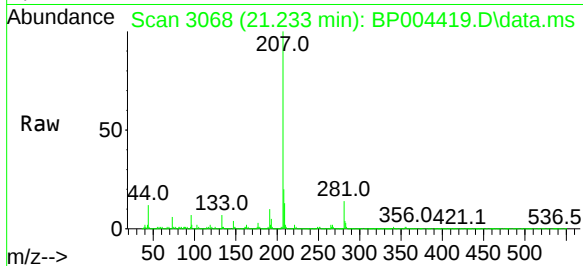




#82
3,3'-Dichlorobenzidine
Concen: 3.13 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

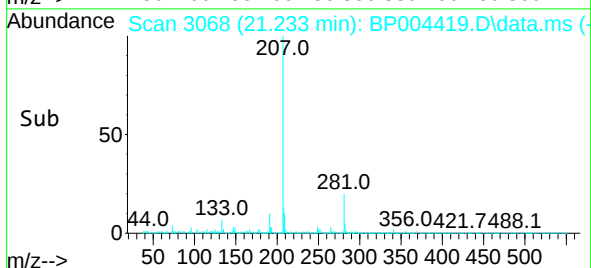
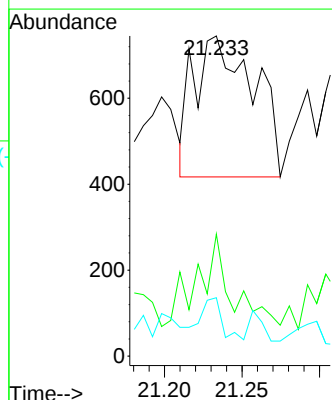
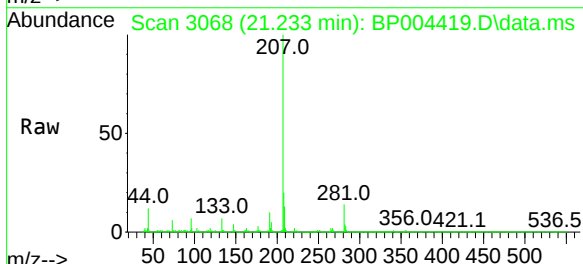
Instrument :
BNA_P
ClientSampleId :
PB133592BL

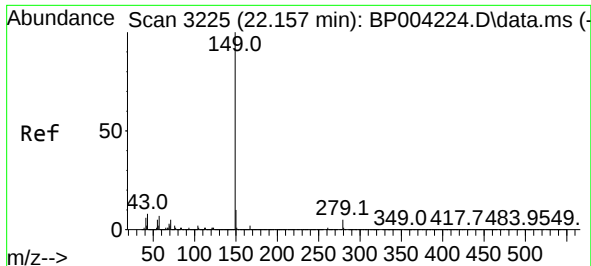
Tgt Ion:252 Resp: 112
Ion Ratio Lower Upper
252 100
254 39.4 51.0 76.4#
126 59.5 7.9 11.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.43 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:149 Resp: 883
Ion Ratio Lower Upper
149 100
167 38.1 22.6 34.0#
279 18.3 4.2 6.2#

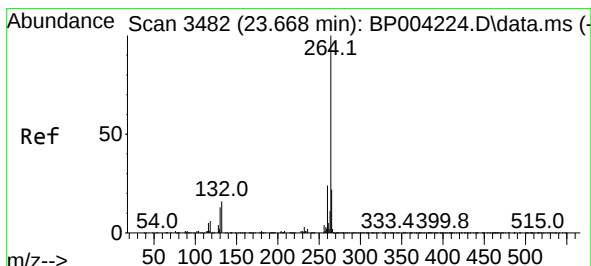
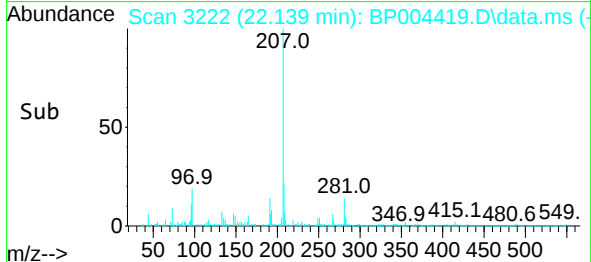
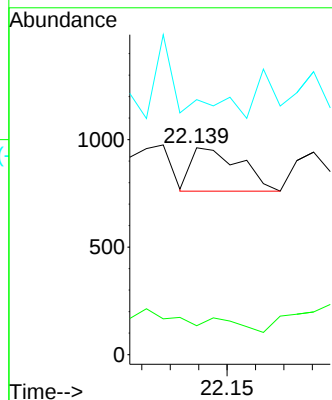
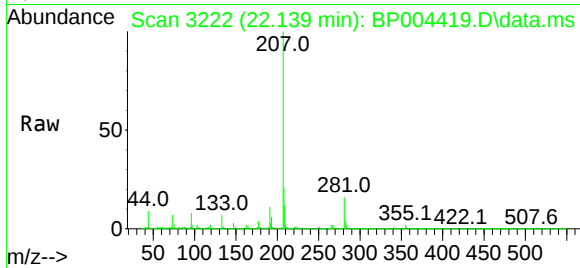




#85
Di-n-octyl phthalate
Concen: 4.50 ng
RT: 22.139 min Scan# 3222
Delta R.T. -0.018 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Instrument :
BNA_P
ClientSampleId :
PB133592BL

Tgt Ion:149	Resp:	245
Ion Ratio	Lower	Upper
149	100	
167	44.1	1.3 1.9#
43	194.3	3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.680 min Scan# 3484
Delta R.T. 0.012 min
Lab File: BP004419.D
Acq: 23 Dec 2020 11:52

Tgt Ion:264	Resp:	1146642
Ion Ratio	Lower	Upper
264	100	
260	24.2	18.8 28.2
265	21.0	17.4 26.2

