

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
 Data File : BP008914.D
 Acq On : 25 Jan 2022 18:49
 Operator : CG/JU
 Sample : N1217-08DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242DL

Quant Time: Jan 26 01:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

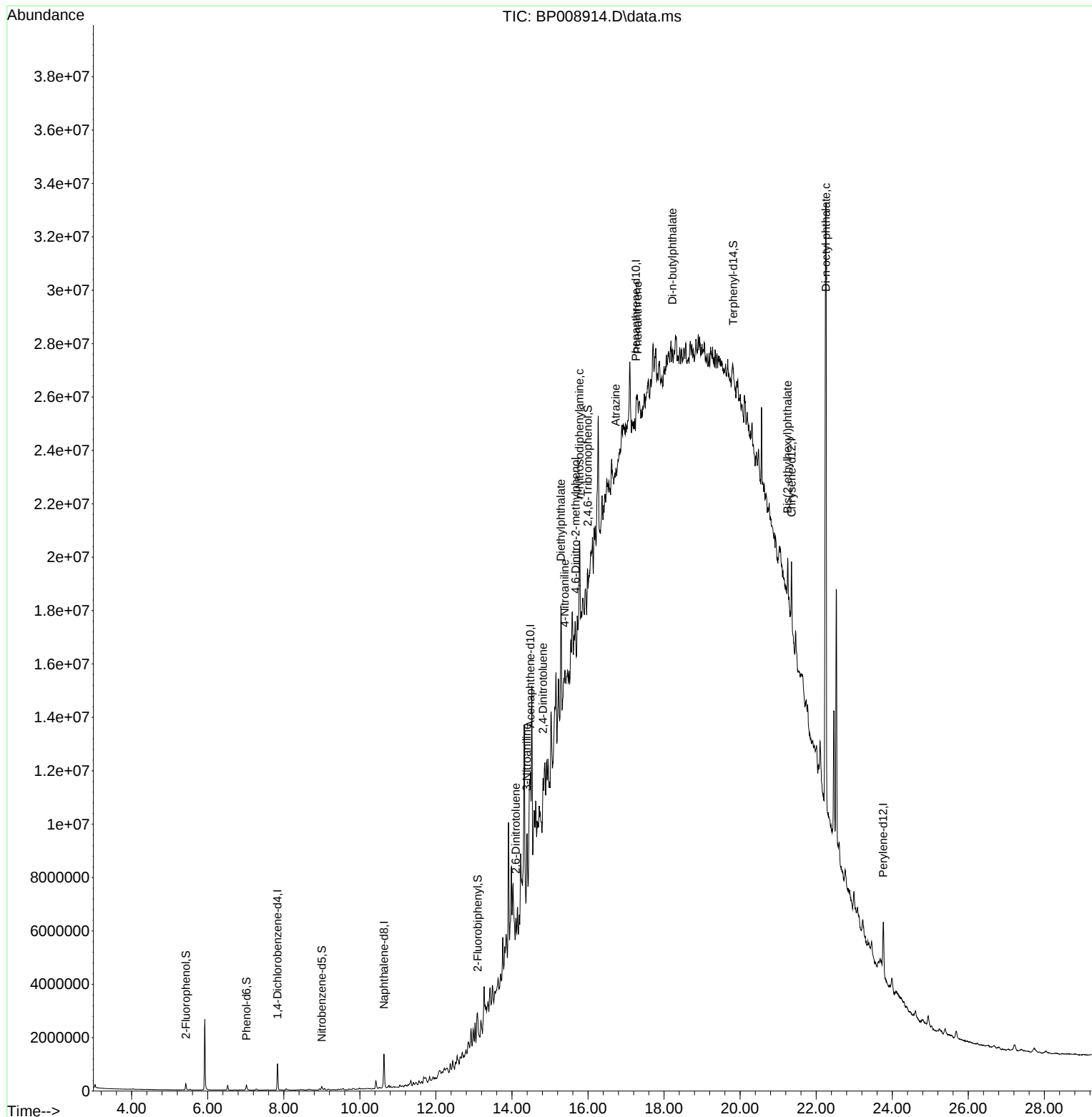
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	289334	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1102610	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	659043	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	966686	20.000	ng	# 0.02
76) Chrysene-d12	21.351	240	1386712	20.000	ng	0.02
86) Perylene-d12	23.763	264	1632920	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	118760	6.347	ng	0.00
7) Phenol-d6	7.016	99	144840	6.393	ng	0.00
23) Nitrobenzene-d5	8.999	82	90483	4.659	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	72990	7.609	ng	0.01
45) 2-Fluorobiphenyl	13.099	172	251667	5.036	ng	0.00
79) Terphenyl-d14	19.822	244	301136	3.666	ng	0.02
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.104	165	73940	7.123	ng	# 41
53) 3-Nitroaniline	14.393	138	85684	8.393	ng	# 28
57) 2,4-Dinitrotoluene	14.816	165	49247	3.688	ng	# 48
60) Diethylphthalate	15.287	149	221487	4.769	ng	# 47
62) 4-Nitroaniline	15.387	138	175366	17.736	ng	# 89
65) 4,6-Dinitro-2-methylph...	15.675	198	11361	2.352	ng	# 1
66) n-Nitrosodiphenylamine	15.775	169	204843	6.584	ng	# 63
69) Atrazine	16.728	200	51754	4.476	ng	# 1
71) Phenanthrene	17.304	178	250517	4.603	ng	# 1
74) Di-n-butylphthalate	18.216	149	239407	4.237	ng	# 32
84) Bis(2-ethylhexyl)phtha...	21.251	149	834668	13.850	ng	# 94
85) Di-n-octyl phthalate	22.257	149	8008487	78.557	ng	# 69

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

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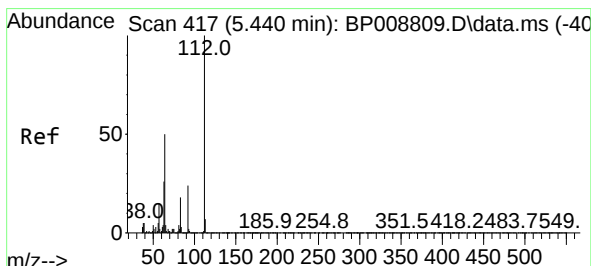
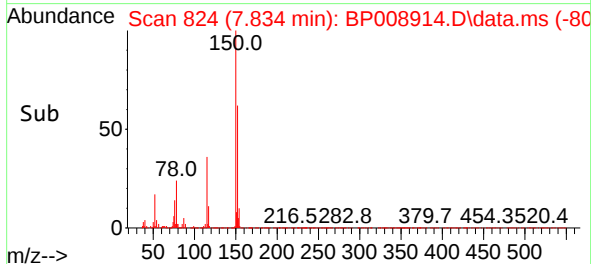
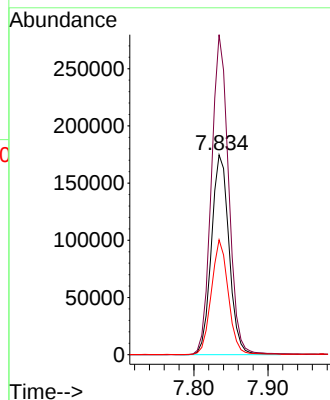
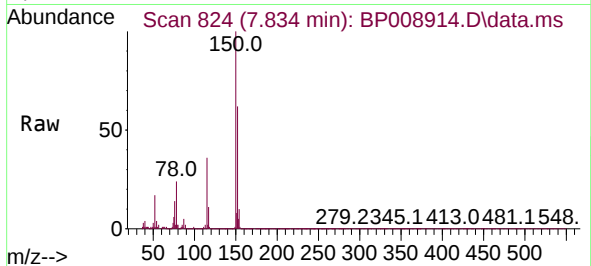




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

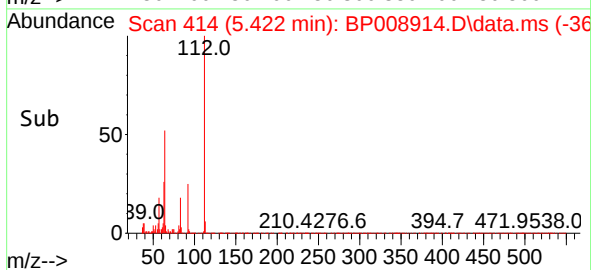
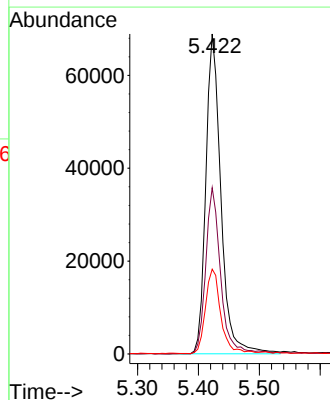
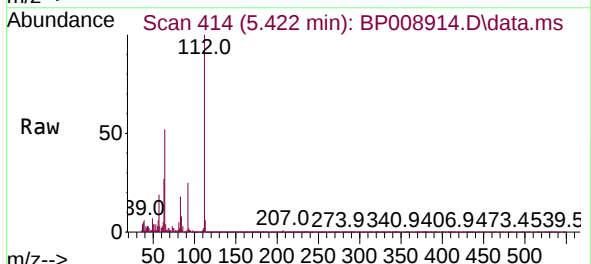
Instrument :
BNA_P
ClientSampleId :
VNJ-242DL

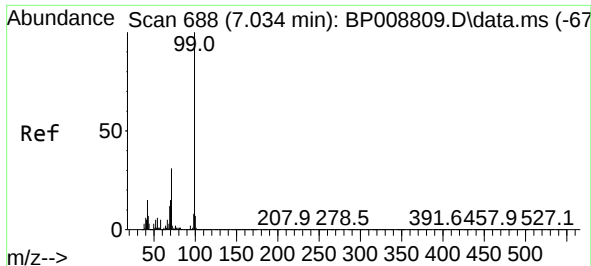
Tgt Ion:152 Resp: 289334
Ion Ratio Lower Upper
152 100
150 160.2 127.0 190.6
115 57.5 43.7 65.5



#5
2-Fluorophenol
Concen: 6.347 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:112 Resp: 118760
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 26.5 20.0 30.0

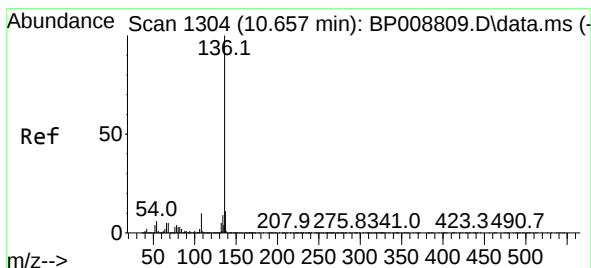
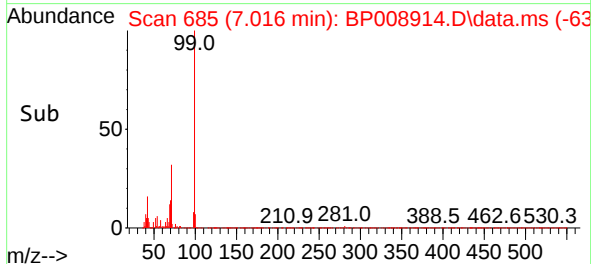
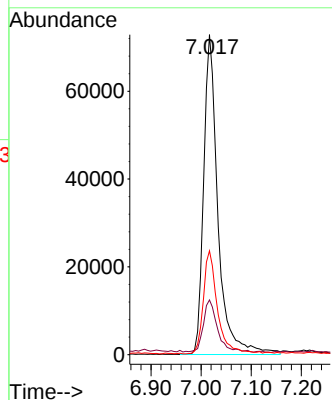
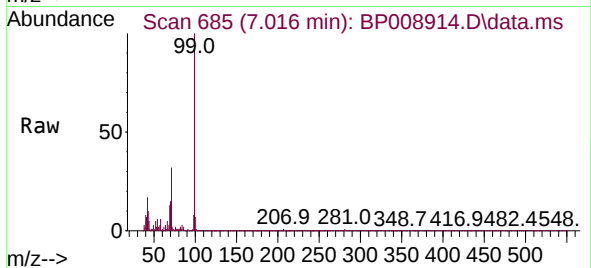




#7
Phenol-d6
Concen: 6.393 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

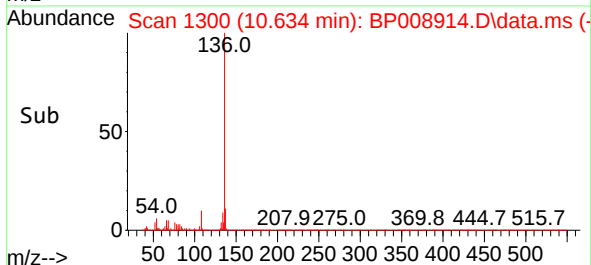
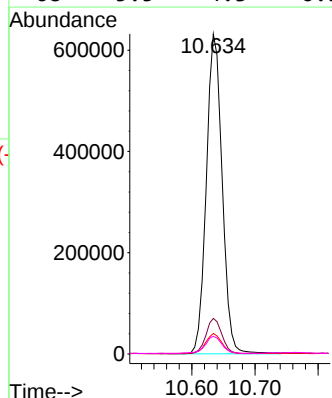
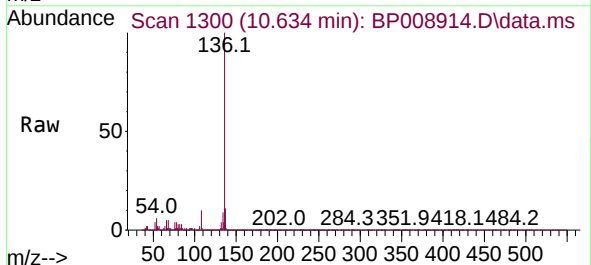
Instrument :
BNA_P
ClientSampleId :
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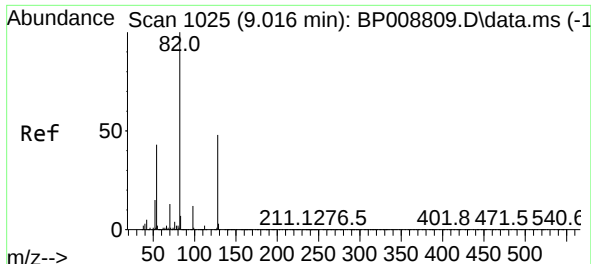
Tgt Ion: 99 Resp: 144840
Ion Ratio Lower Upper
99 100
42 17.1 10.8 16.2#
71 32.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion: 136 Resp: 1102610
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.4 4.9 7.3
68 5.5 4.3 6.5

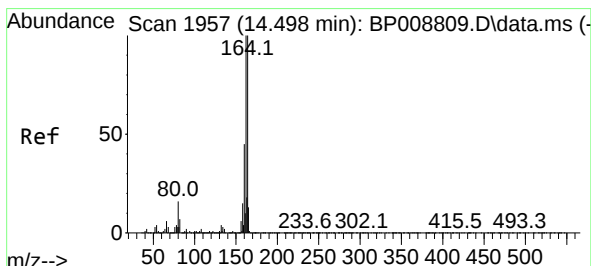
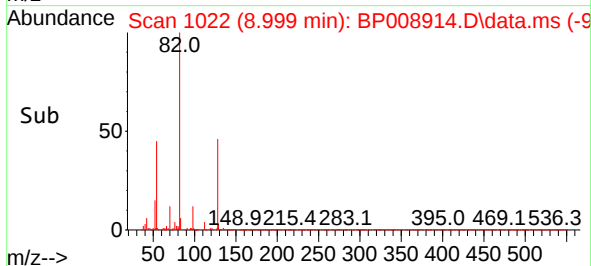
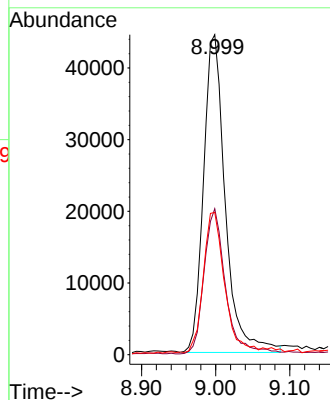
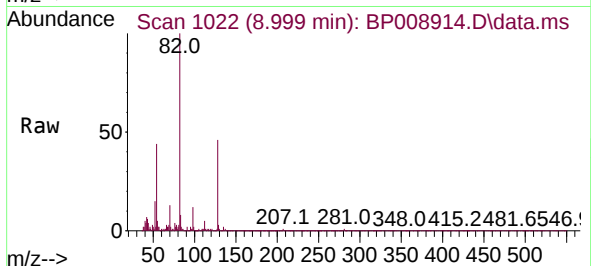




#23
Nitrobenzene-d5
Concen: 4.659 ng
RT: 8.999 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

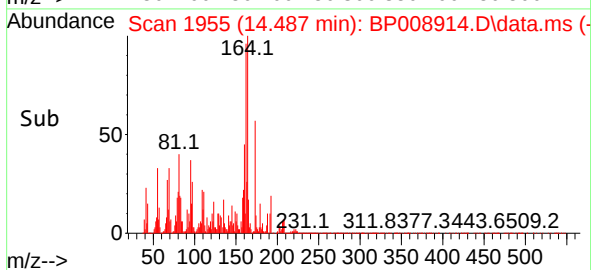
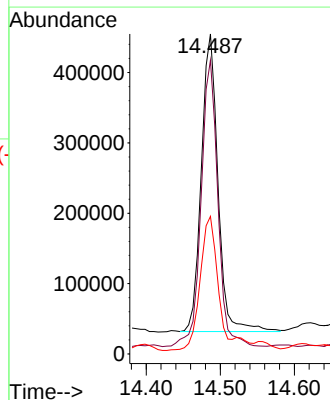
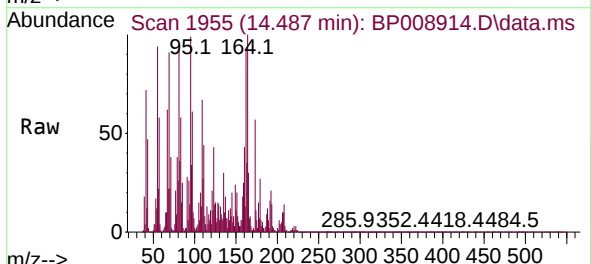
Instrument :
BNA_P
ClientSampleId :
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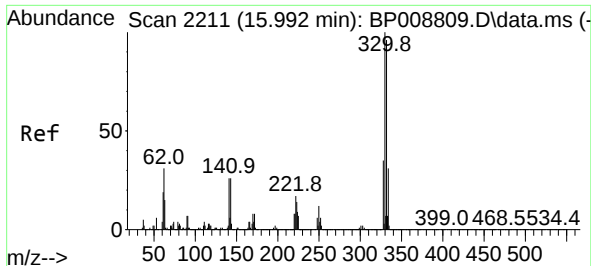
Tgt Ion: 82	Resp: 90483
Ion Ratio	Lower Upper
82	100
128	45.6 39.4 59.2
54	44.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion: 164	Resp: 659043
Ion Ratio	Lower Upper
164	100
162	91.8 79.9 119.9
160	43.0 35.5 53.3

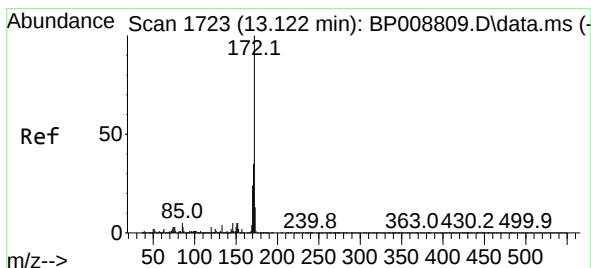
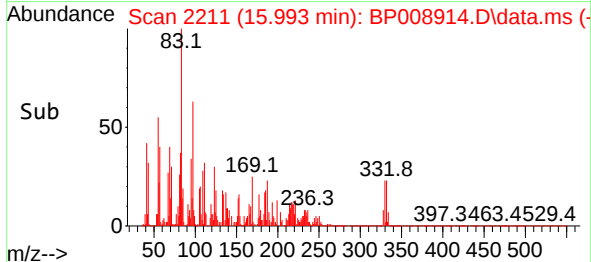
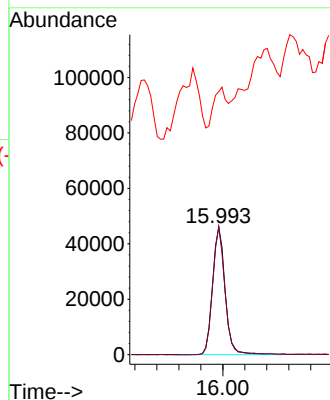
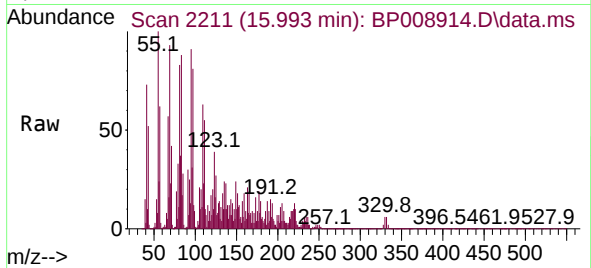




#42
2,4,6-Tribromophenol
Concen: 7.609 ng
RT: 15.993 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

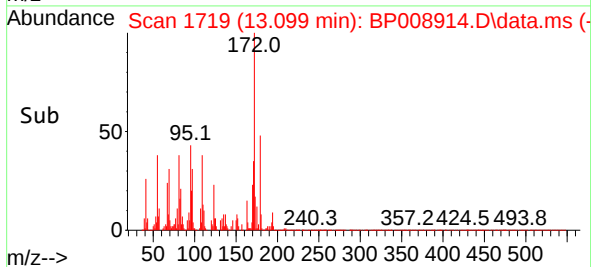
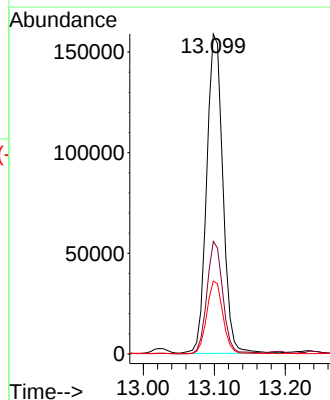
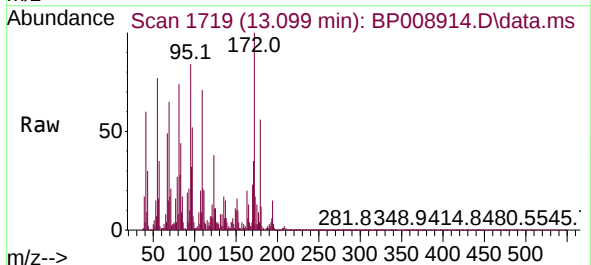
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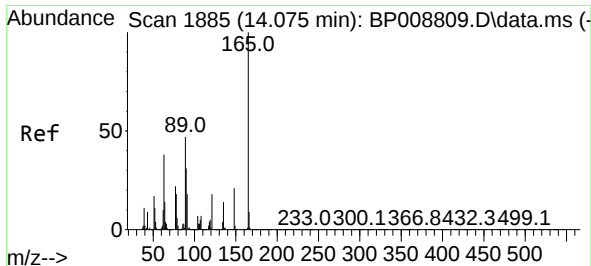
Tgt Ion:330 Resp: 72990
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 32.1 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 5.036 ng
RT: 13.099 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:172 Resp: 251667
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 22.7 19.5 29.3

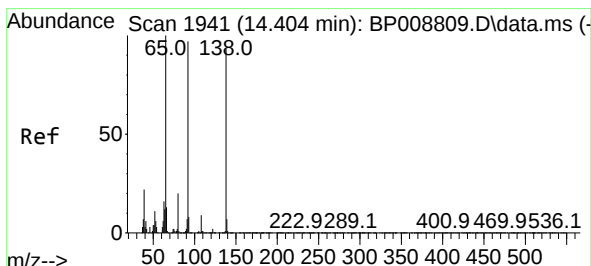
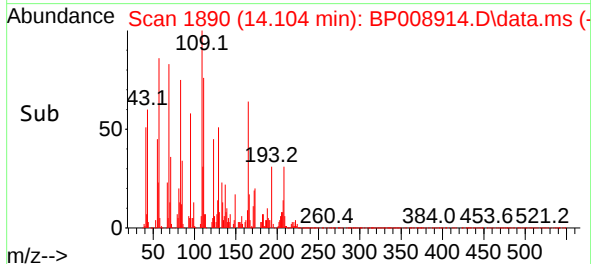
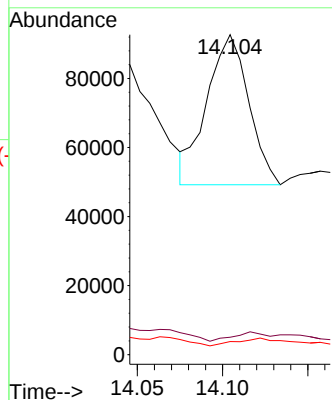
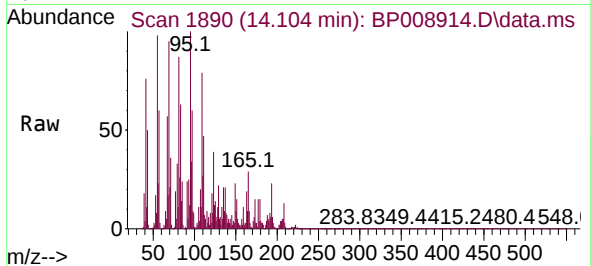




#51
2,6-Dinitrotoluene
Concen: 7.123 ng
RT: 14.104 min Scan# 1890
Delta R.T. 0.041 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

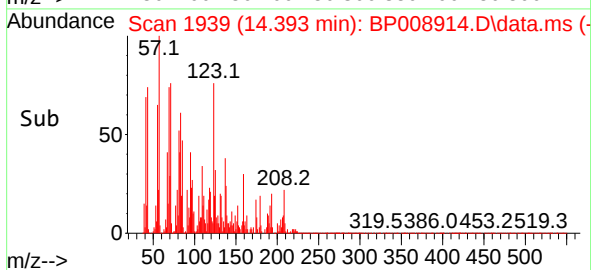
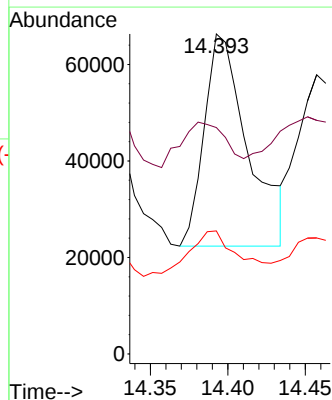
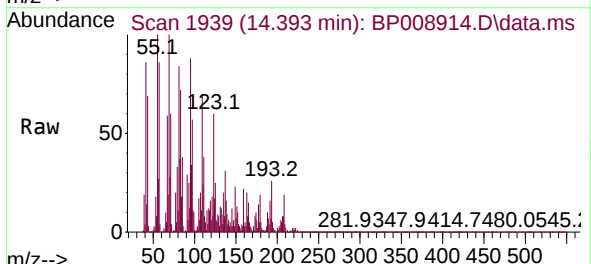
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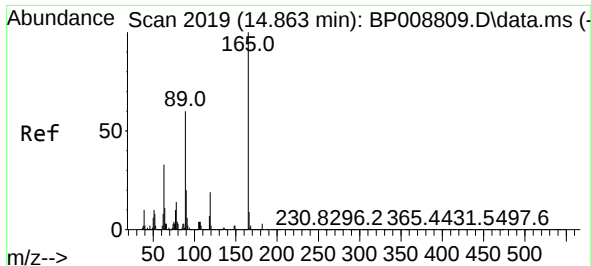
Tgt Ion:165 Resp: 73940
Ion Ratio Lower Upper
165 100
63 5.4 31.8 47.8#
89 4.1 36.1 54.1#



#53
3-Nitroaniline
Concen: 8.393 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:138 Resp: 85684
Ion Ratio Lower Upper
138 100
108 70.7 8.0 12.0#
92 38.4 81.7 122.5#

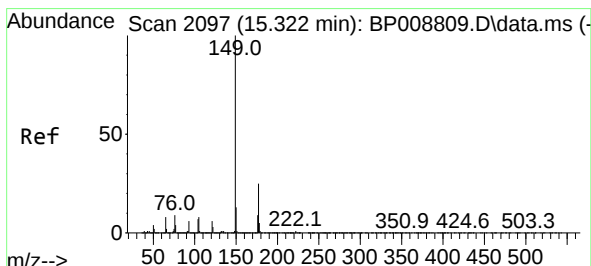
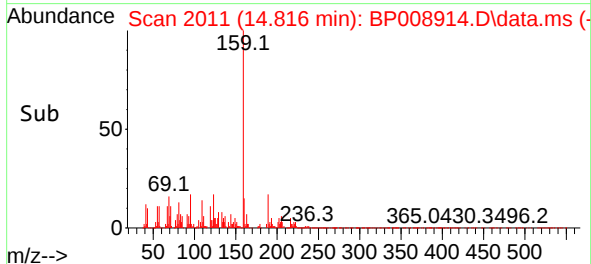
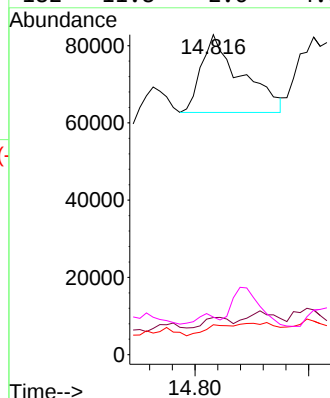
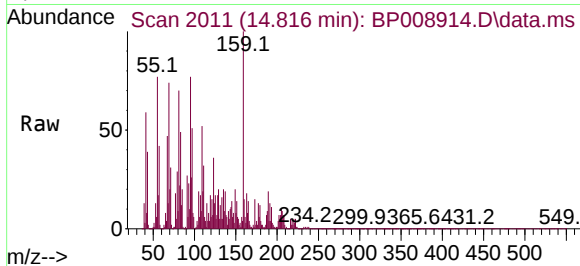




#57
2,4-Dinitrotoluene
Concen: 3.688 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.041 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

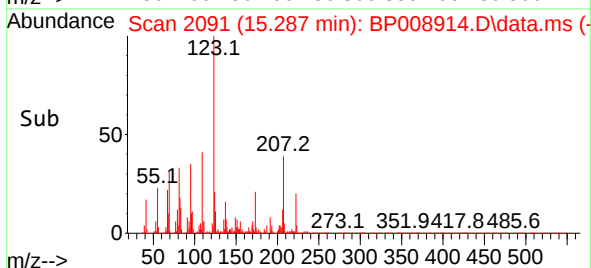
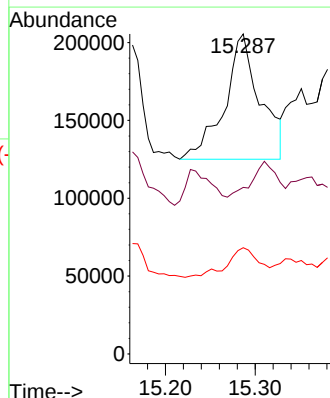
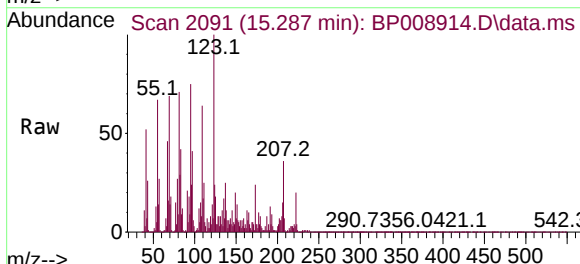
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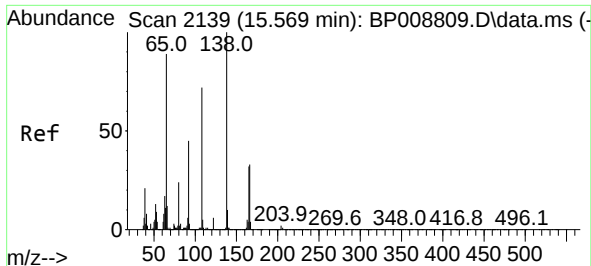
Tgt Ion:165 Resp: 49247
Ion Ratio Lower Upper
165 100
63 11.6 23.3 34.9#
89 9.3 44.2 66.4#
182 11.8 2.6 4.0#



#60
Diethylphthalate
Concen: 4.769 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.023 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:149 Resp: 221487
Ion Ratio Lower Upper
149 100
177 52.1 19.9 29.9#
150 33.2 10.3 15.5#

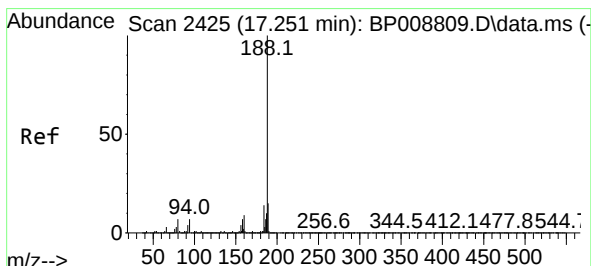
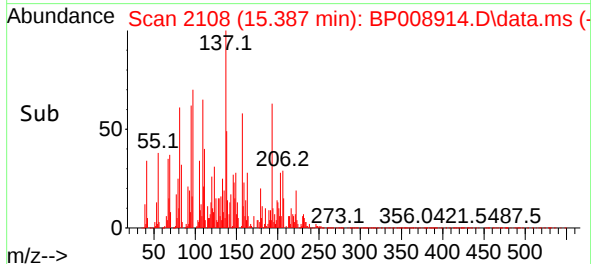
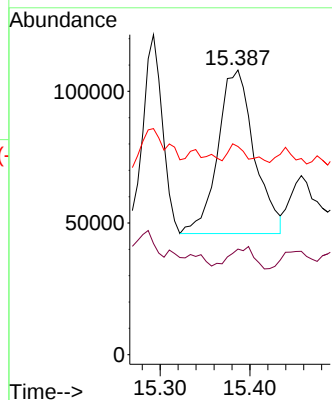
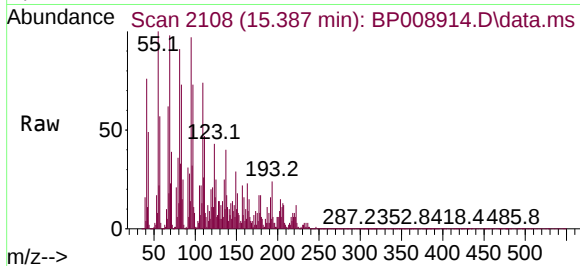




#62
4-Nitroaniline
Concen: 17.736 ng
RT: 15.387 min Scan# 2139
Delta R.T. -0.170 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

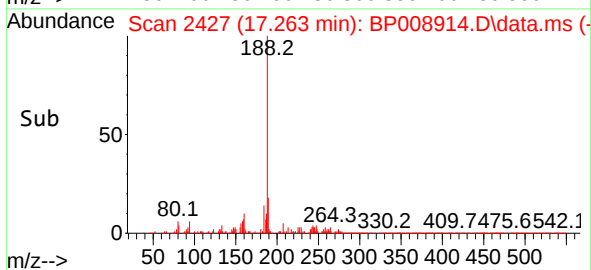
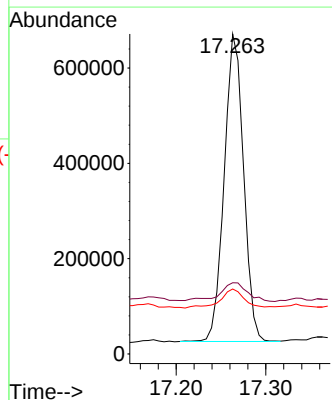
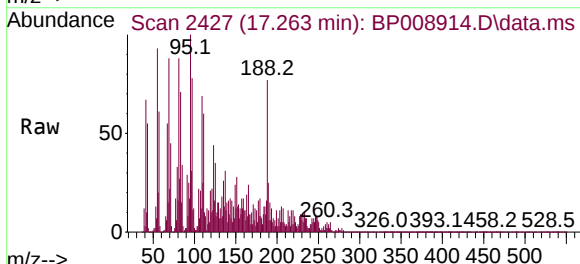
Instrument :
BNA_P
ClientSampleId :
VNJ-242DL

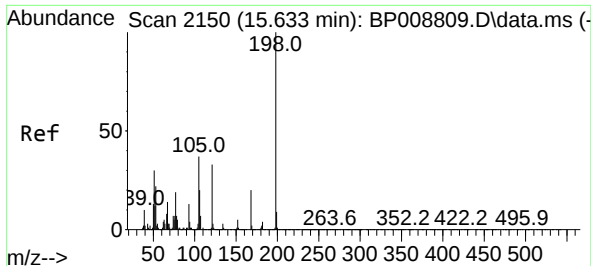
Tgt Ion:138 Resp: 175366
Ion Ratio Lower Upper
138 100
92 37.1 24.3 64.3
108 73.1 44.8 84.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.024 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:188 Resp: 966686
Ion Ratio Lower Upper
188 100
94 22.2 6.8 10.2#
80 20.3 7.2 10.8#

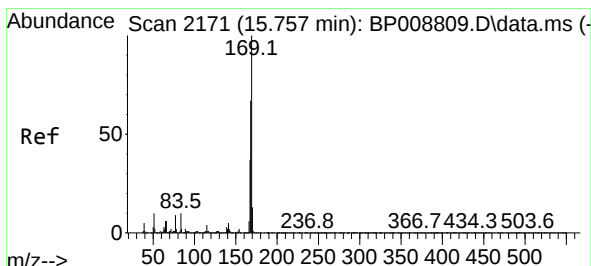
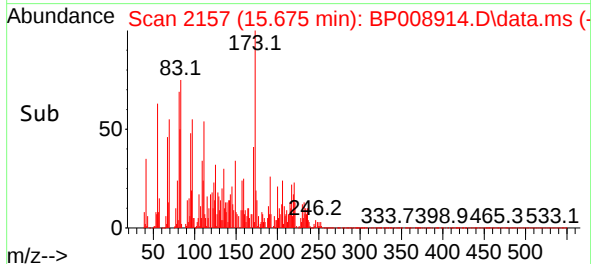
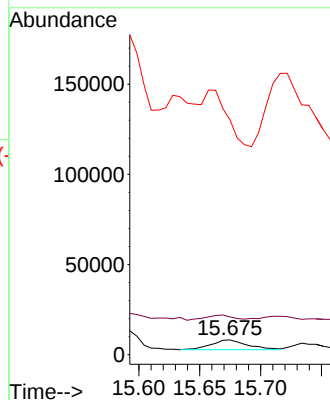
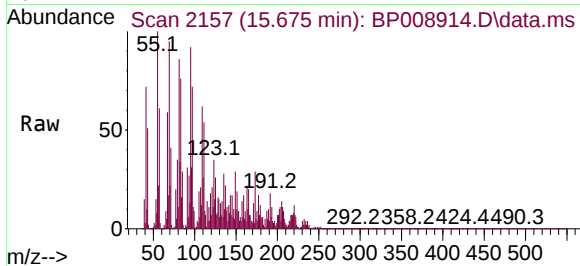




#65
4,6-Dinitro-2-methylphenol
Concen: 2.352 ng
RT: 15.675 min Scan# 2150
Delta R.T. 0.047 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

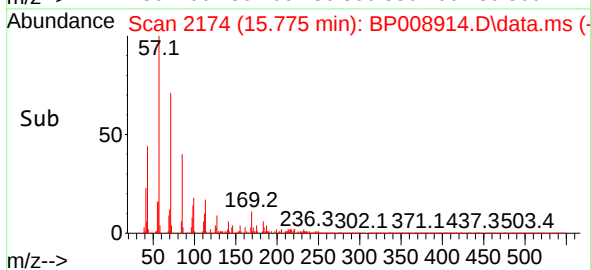
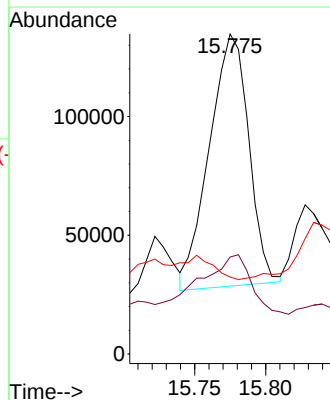
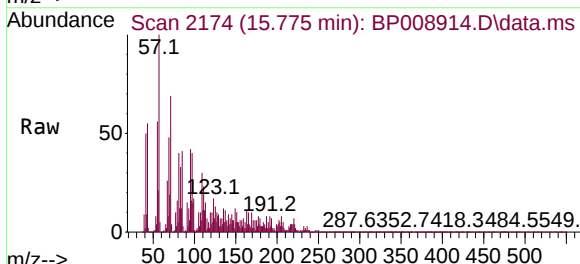
Instrument :
BNA_P
ClientSampleId :
VNJ-242DL

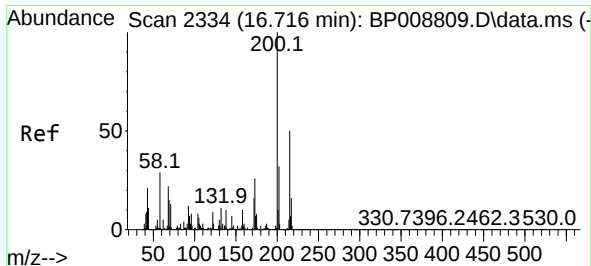
Tgt Ion:198 Resp: 11361
Ion Ratio Lower Upper
198 100
51 255.7 6.8 46.8#
105 1587.2 14.4 54.4#



#66
n-Nitrosodiphenylamine
Concen: 6.584 ng
RT: 15.775 min Scan# 2174
Delta R.T. 0.030 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:169 Resp: 204843
Ion Ratio Lower Upper
169 100
168 30.3 53.3 79.9#
167 24.0 29.0 43.6#

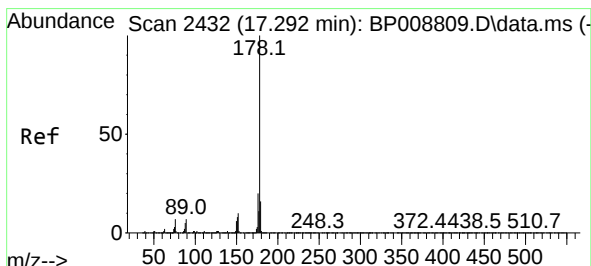
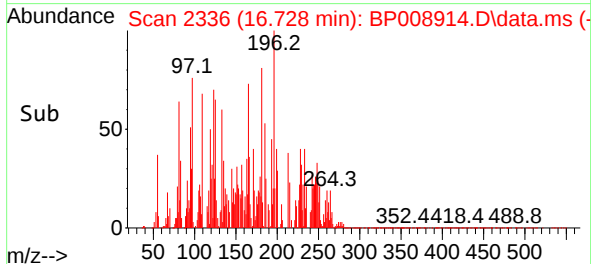
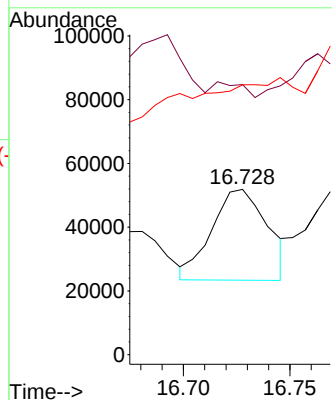
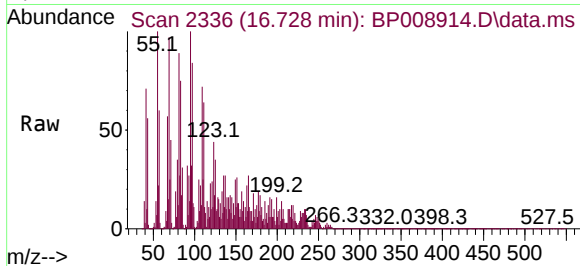




#69
 Atrazine
 Concen: 4.476 ng
 RT: 16.728 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BP008914.D
 Acq: 25 Jan 2022 18:49

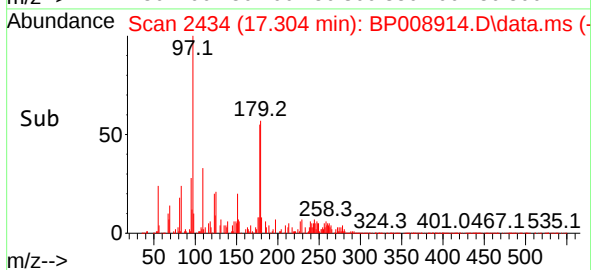
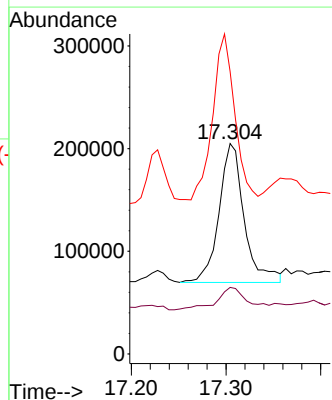
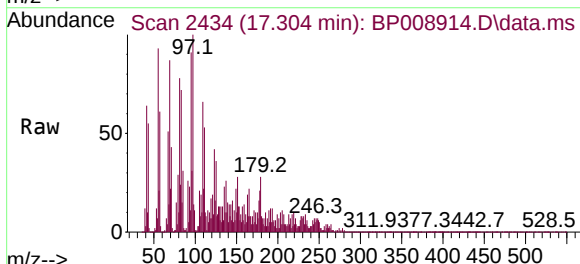
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242DL

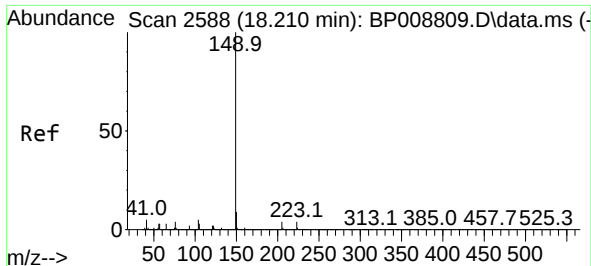
Tgt Ion:200 Resp: 51754
 Ion Ratio Lower Upper
 200 100
 173 163.4 6.5 46.5#
 215 163.2 29.6 69.6#



#71
 Phenanthrene
 Concen: 4.603 ng
 RT: 17.304 min Scan# 2434
 Delta R.T. 0.024 min
 Lab File: BP008914.D
 Acq: 25 Jan 2022 18:49

Tgt Ion:178 Resp: 250517
 Ion Ratio Lower Upper
 178 100
 176 31.7 16.0 24.0#
 179 134.2 13.0 19.4#

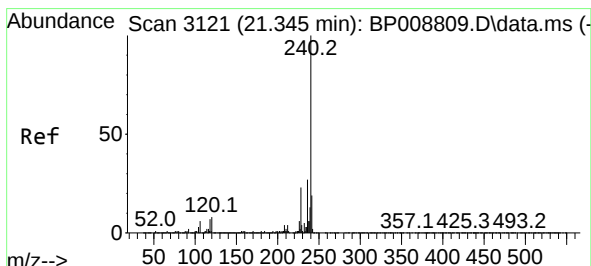
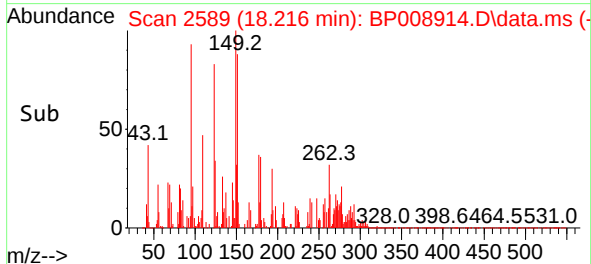
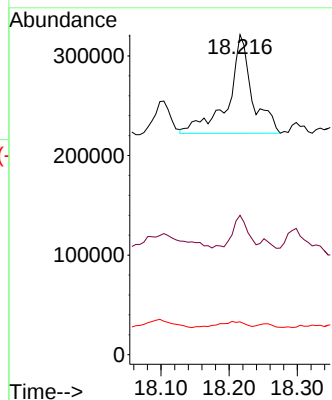
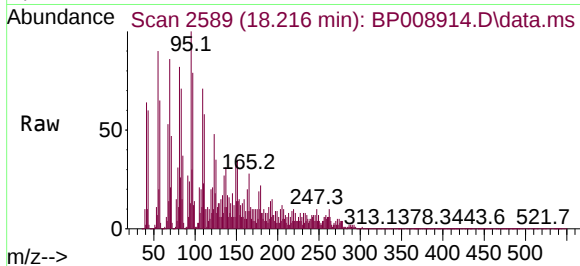




#74
Di-n-butylphthalate
Concen: 4.237 ng
RT: 18.216 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

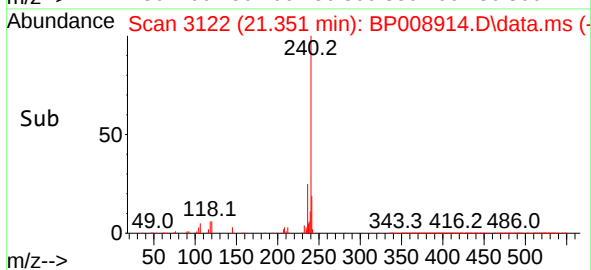
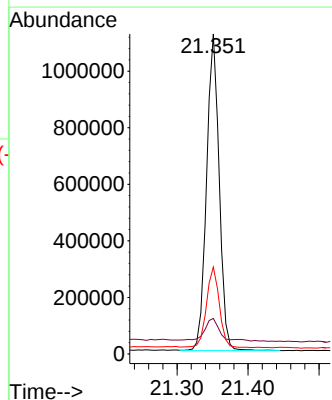
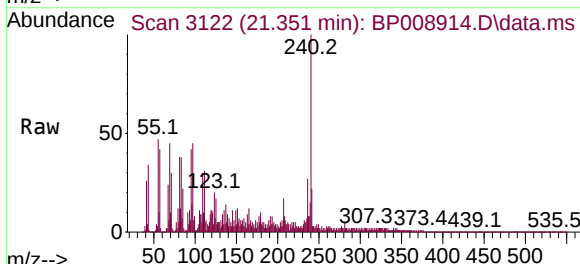
Instrument :
BNA_P
ClientSampleId :
VNJ-242DL

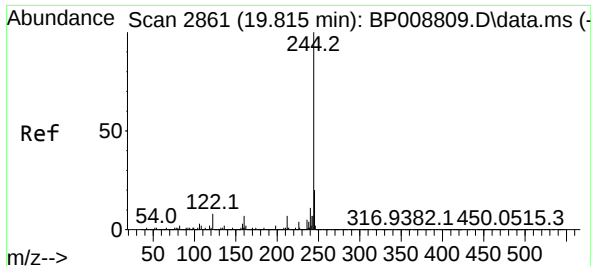
Tgt Ion:149 Resp: 239407
Ion Ratio Lower Upper
149 100
150 43.5 7.9 11.9#
104 10.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.018 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:240 Resp: 1386712
Ion Ratio Lower Upper
240 100
120 11.1 7.7 11.5
236 27.2 21.2 31.8

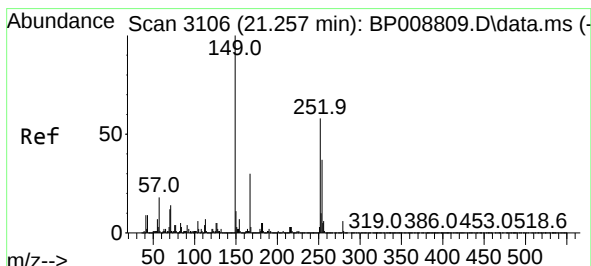
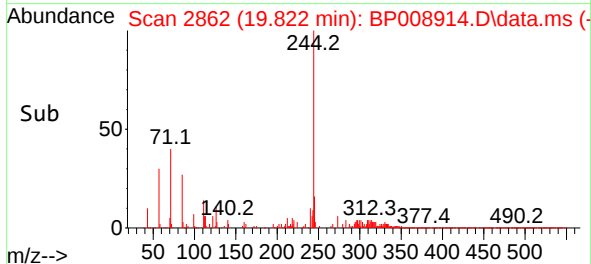
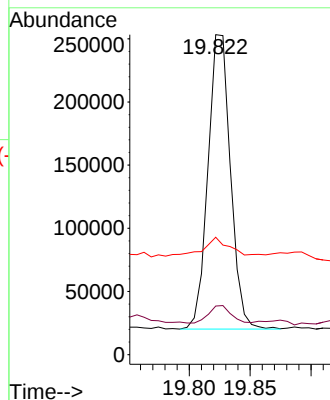
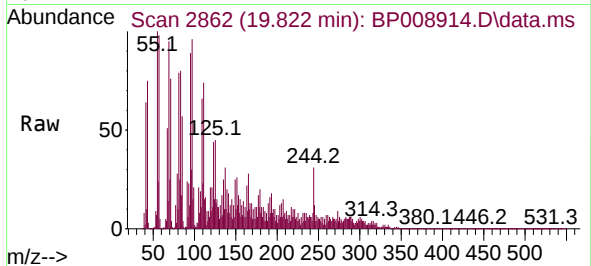




#79
 Terphenyl-d14
 Concen: 3.666 ng
 RT: 19.822 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP008914.D
 Acq: 25 Jan 2022 18:49

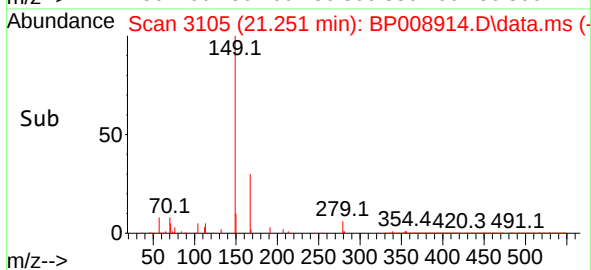
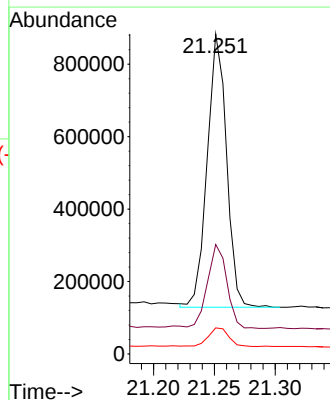
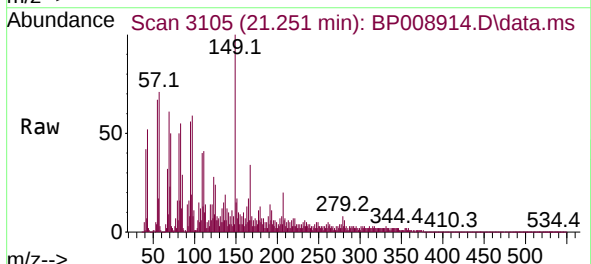
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242DL

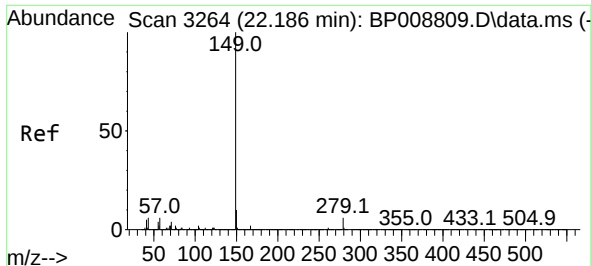
Tgt Ion:244 Resp: 301136
 Ion Ratio Lower Upper
 244 100
 212 15.2 6.5 9.7#
 122 36.7 9.2 13.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.850 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BP008914.D
 Acq: 25 Jan 2022 18:49

Tgt Ion:149 Resp: 834668
 Ion Ratio Lower Upper
 149 100
 167 34.2 25.0 37.4
 279 8.2 4.8 7.2#

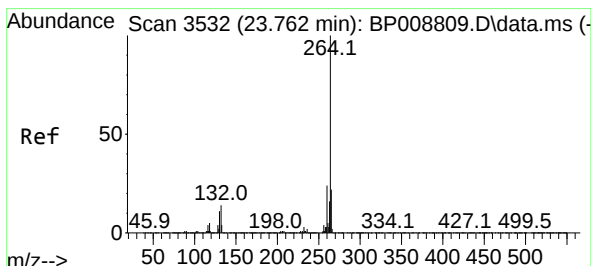
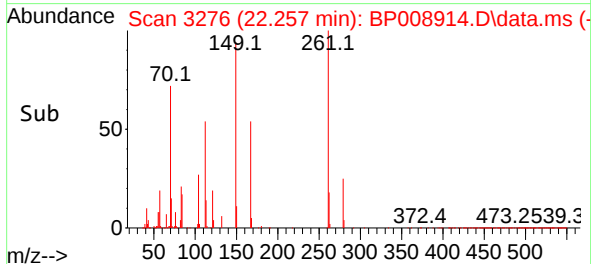
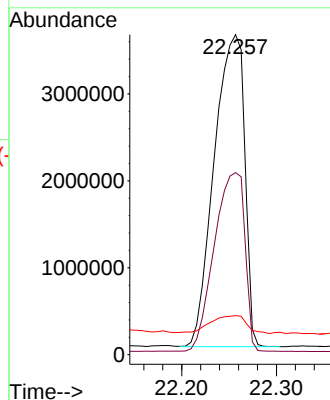
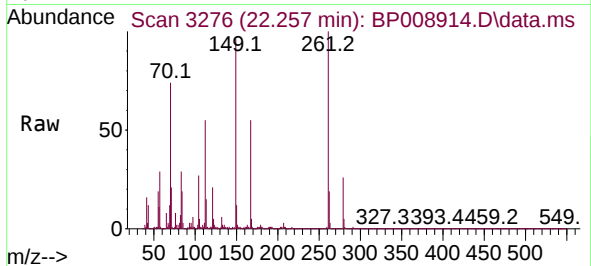




#85
Di-n-octyl phthalate
Concen: 78.557 ng
RT: 22.257 min Scan# 31
Delta R.T. 0.088 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Instrument :
BNA_P
ClientSampleId :
VNJ-242DL

Tgt Ion:149 Resp: 8008487
Ion Ratio Lower Upper
149 100
167 57.5 1.4 2.0#
43 6.9 5.4 8.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3532
Delta R.T. 0.012 min
Lab File: BP008914.D
Acq: 25 Jan 2022 18:49

Tgt Ion:264 Resp: 1632920
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 22.5 17.1 25.7

