

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004005.D
 Acq On : 19 Nov 2020 15:26
 Operator : CG/JU
 Sample : PB133105BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133105BL

Quant Time: Nov 19 16:44:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

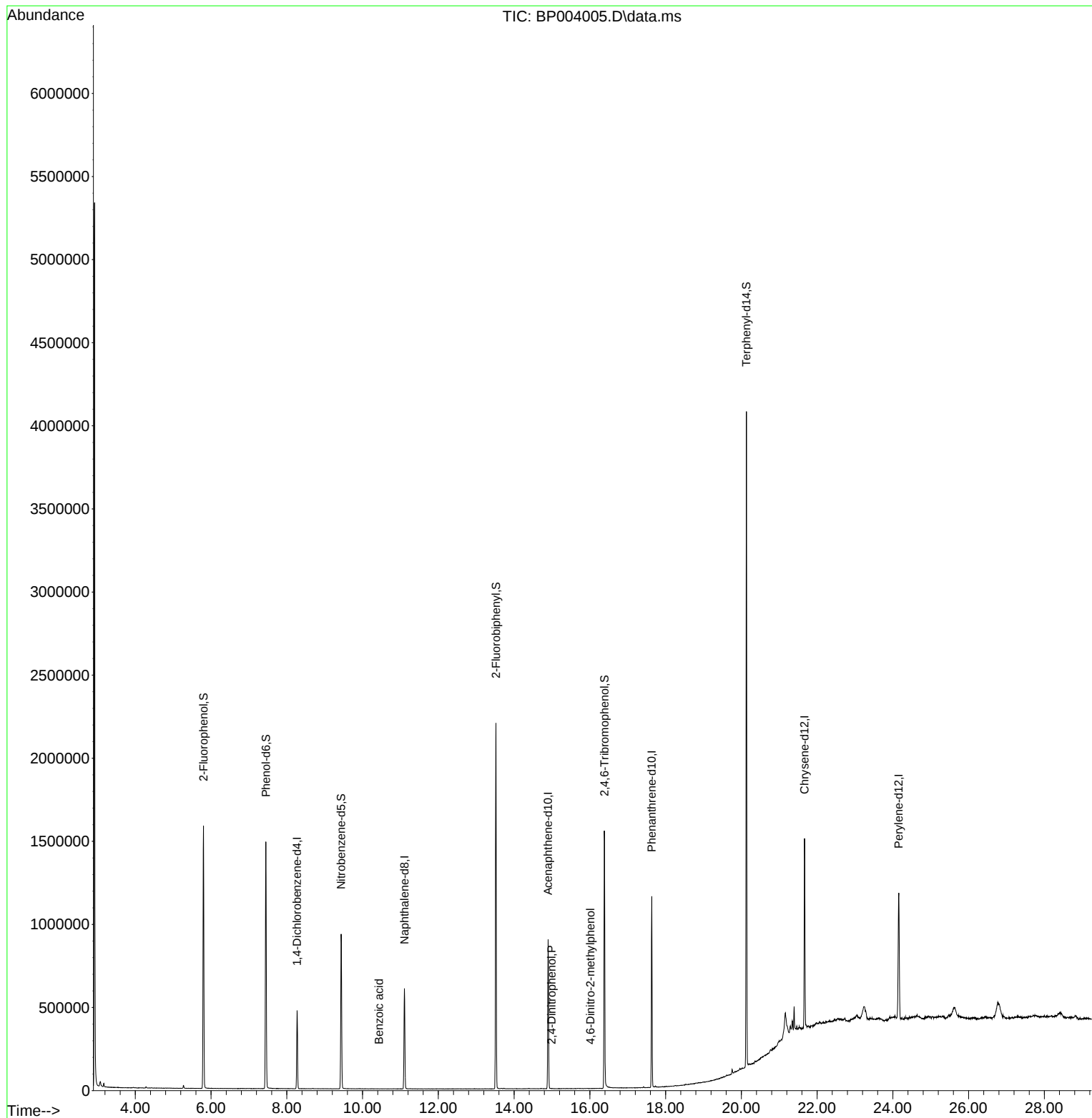
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	123818	20.00	ng	-0.01
21) Naphthalene-d8	11.104	136	475257	20.00	ng	#-0.01
39) Acenaphthene-d10	14.898	164	297274	20.00	ng	-0.01
64) Phenanthrene-d10	17.634	188	647072	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	573968	20.00	ng	0.00
86) Perylene-d12	24.157	264	594985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	627105	84.53	ng	0.00
7) Phenol-d6	7.446	99	805159	75.60	ng	0.00
23) Nitrobenzene-d5	9.434	82	514111	52.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.387	330	293660	78.98	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1120503	52.70	ng	0.00
79) Terphenyl-d14	20.133	244	1609239	54.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.381	77	91	Below Cal	#	12
32) Benzoic acid	10.434	122	53	8.32	ng	# 6
54) 2,4-Dinitrophenol	14.987	184	54	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	29	6.35	ng	# 1

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

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QLast Update : Thu Nov 12 15:22:47 2020
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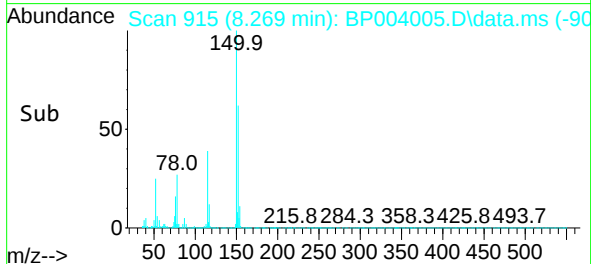
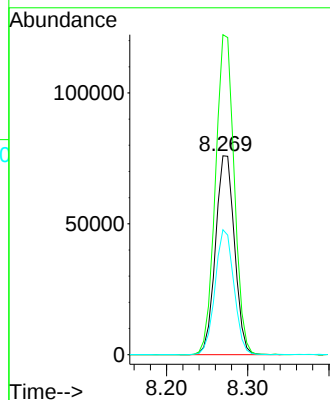
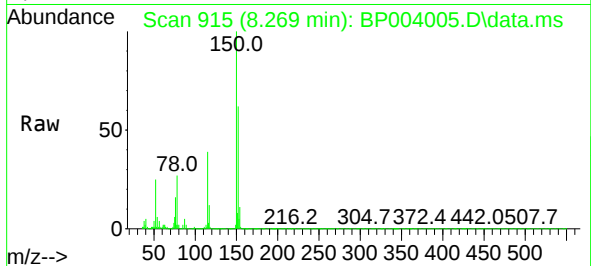




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

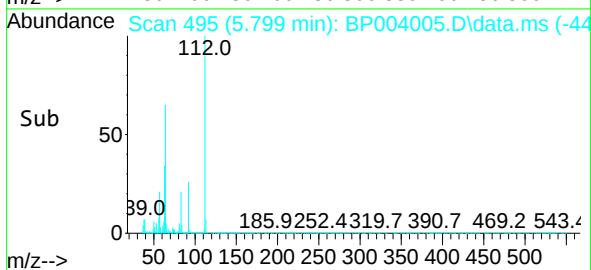
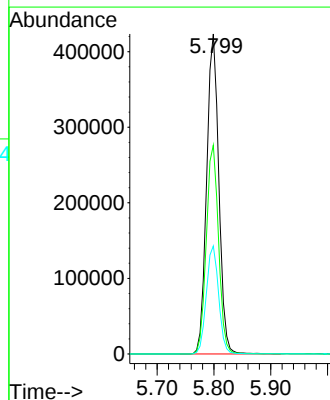
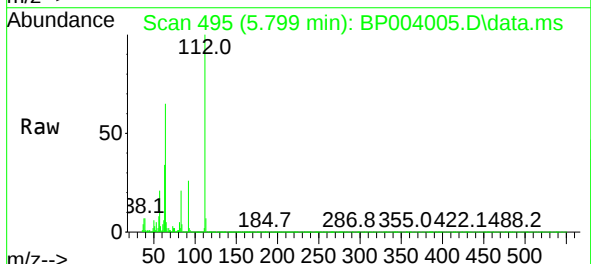
Instrument :
BNA_P
ClientSampleId :
PB133105BL

Tgt Ion:152 Resp: 123818
Ion Ratio Lower Upper
152 100
150 160.9 123.8 185.6
115 62.9 43.8 65.6



#5
2-Fluorophenol
Concen: 84.53 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion:112 Resp: 627105
Ion Ratio Lower Upper
112 100
64 65.3 32.8 49.2#
63 33.8 17.0 25.4#

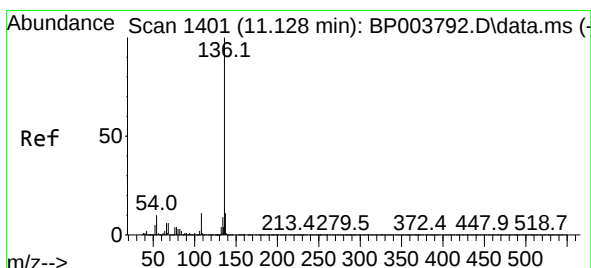
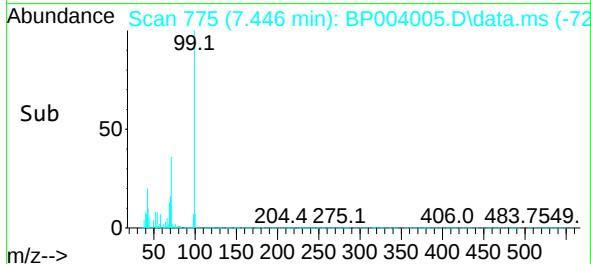
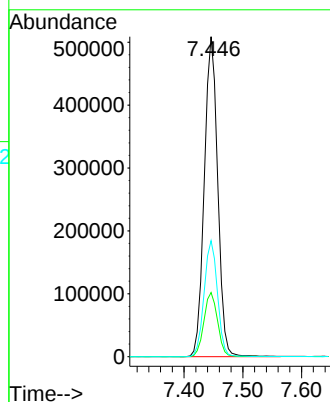
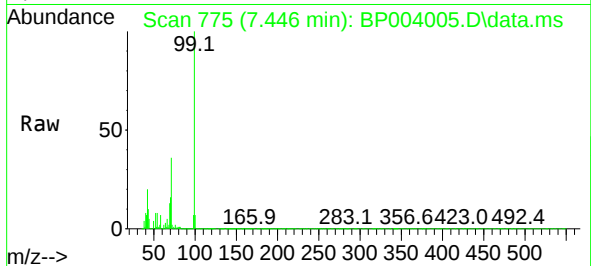




#7
Phenol-d6
Concen: 75.60 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

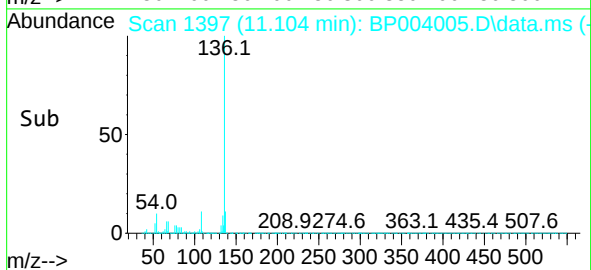
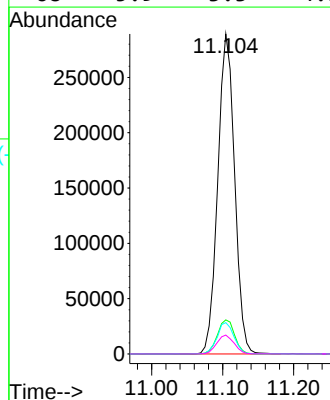
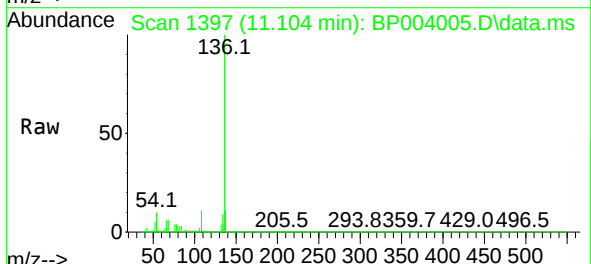
Instrument :
BNA_P
ClientSampleId :
PB133105BL

Tgt Ion: 99 Resp: 805159
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.104 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion: 136 Resp: 475257
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.8 3.6 5.4#
68 5.9 3.3 4.9#

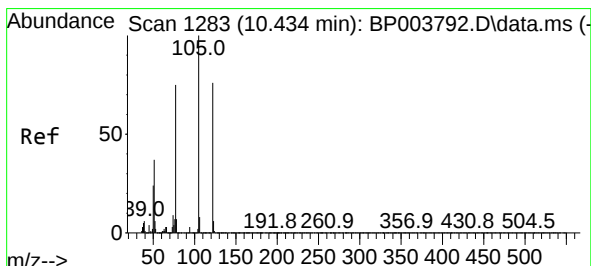
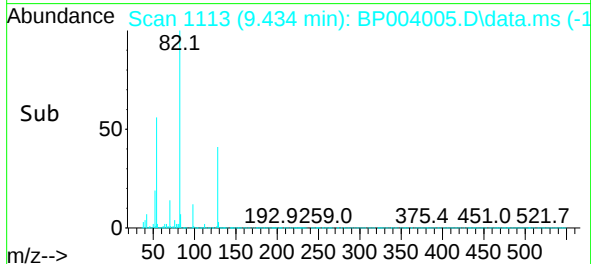
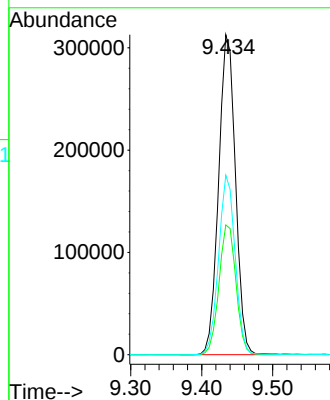
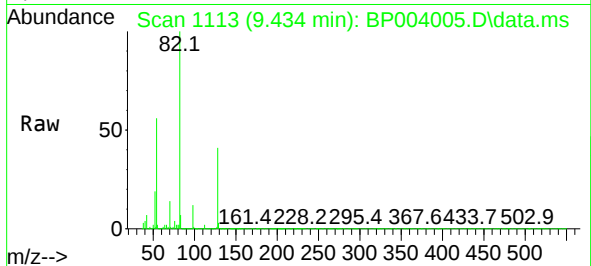




#23
Nitrobenzene-d5
Concen: 52.98 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

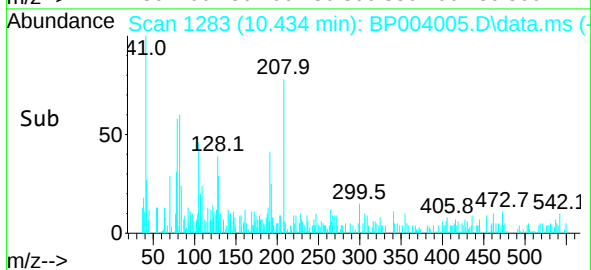
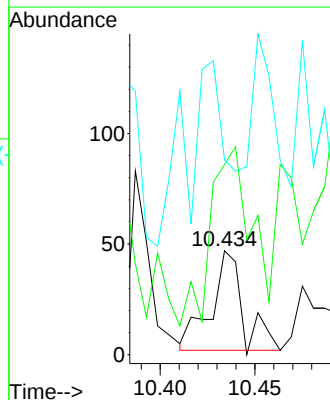
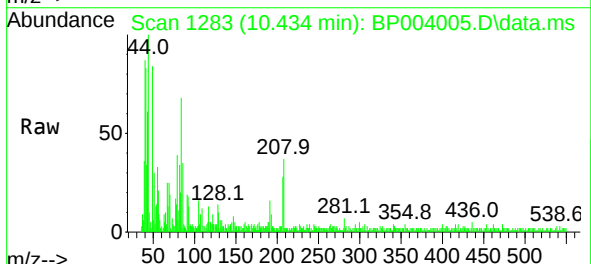
Instrument :
BNA_P
ClientSampleId :
PB133105BL

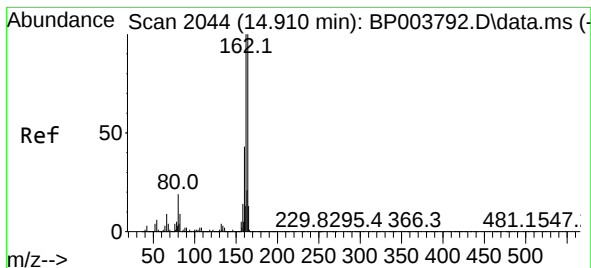
Tgt Ion: 82 Resp: 514111
Ion Ratio Lower Upper
82 100
128 40.6 45.6 68.4#
54 56.1 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 183.0 94.1 134.1#
77 187.2 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.898 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BP004005.D

Acq: 19 Nov 2020 15:26

Tgt Ion:164 Resp: 297274

Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.2

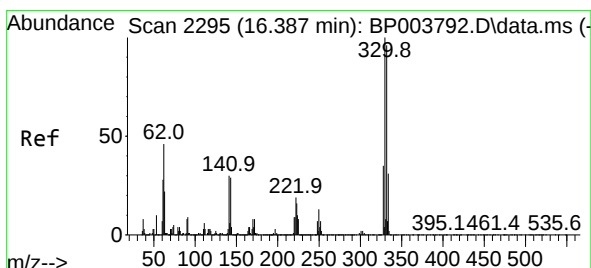
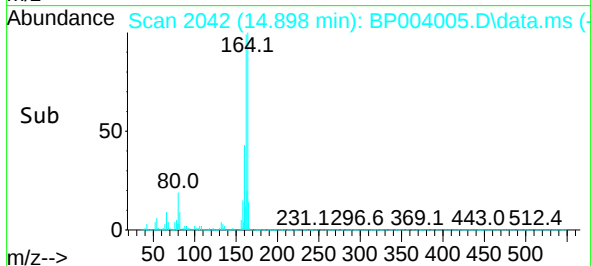
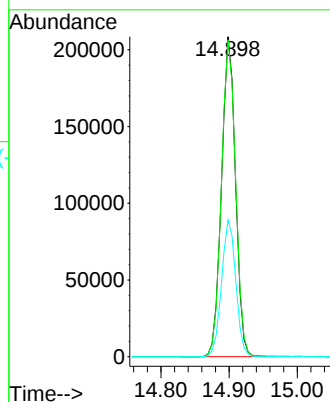
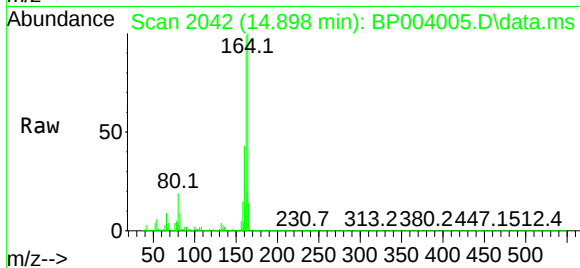
160 42.8 36.1 54.1

Instrument :

BNA_P

ClientSampleId :

PB133105BL



#42

2,4,6-Tribromophenol

Concen: 78.98 ng

RT: 16.387 min Scan# 2295

Delta R.T. -0.006 min

Lab File: BP004005.D

Acq: 19 Nov 2020 15:26

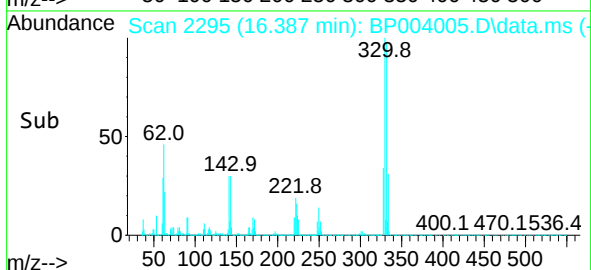
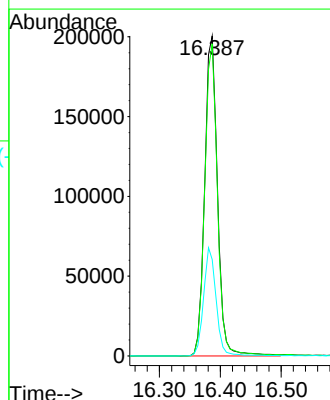
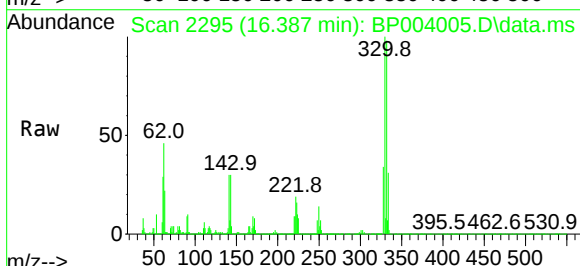
Tgt Ion:330 Resp: 293660

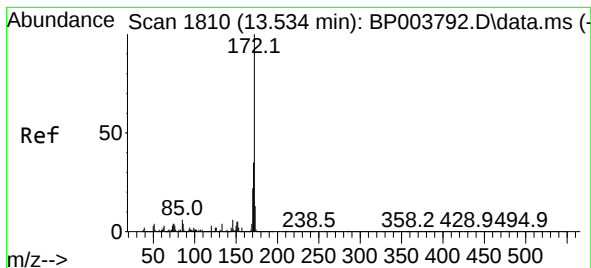
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 33.2 23.4 35.2

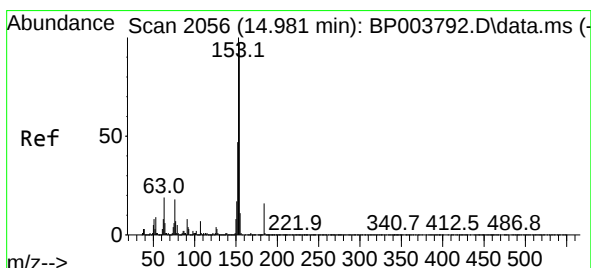
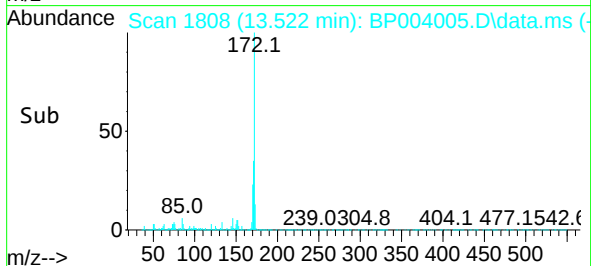
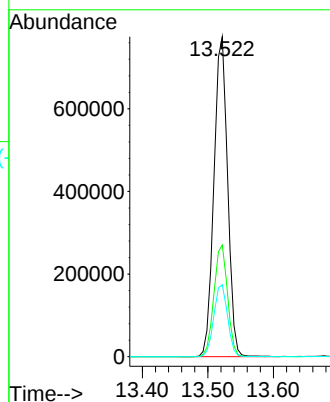
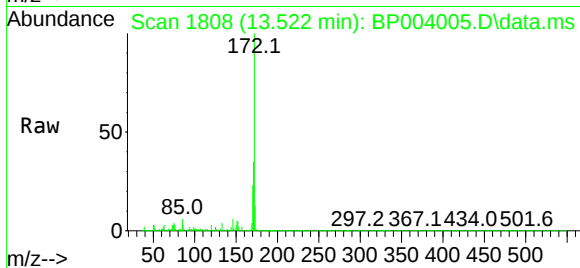




#45
2-Fluorobiphenyl
Concen: 52.70 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

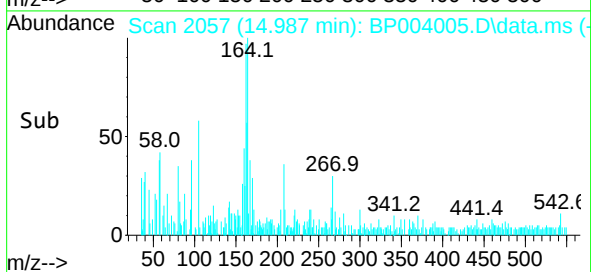
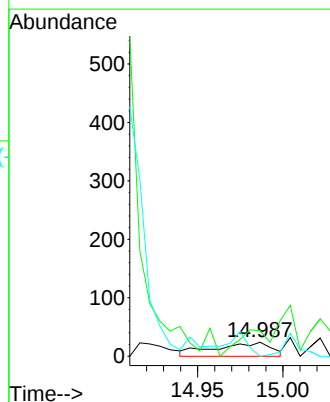
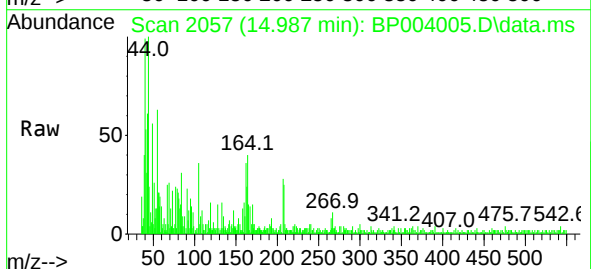
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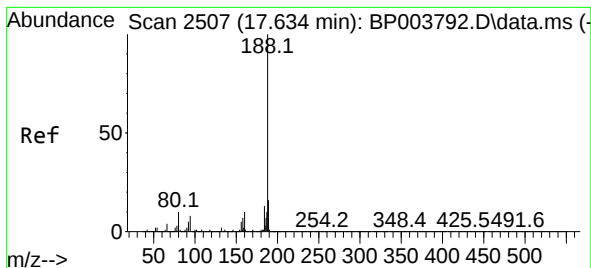
Tgt Ion:172 Resp: 1120503
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 183.3 32.3 48.5#
154 112.5 49.1 73.7#

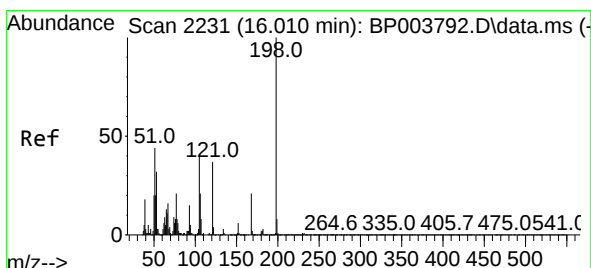
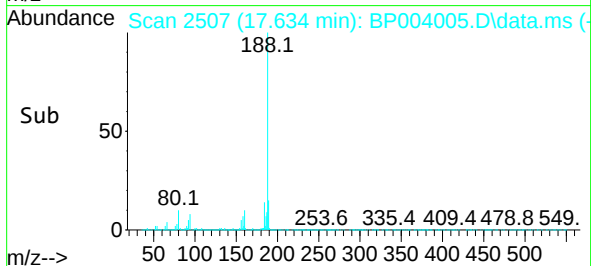
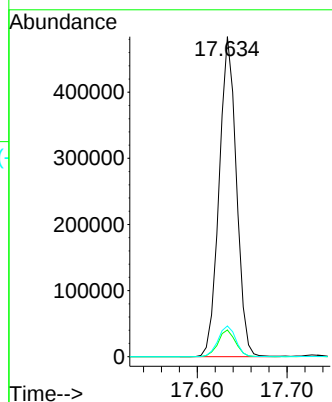
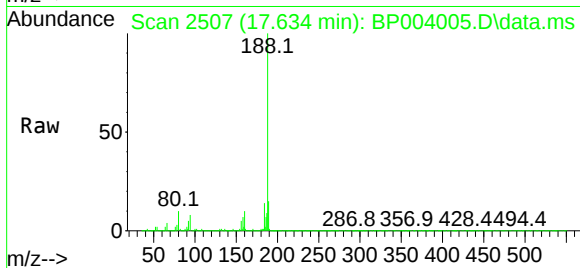




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

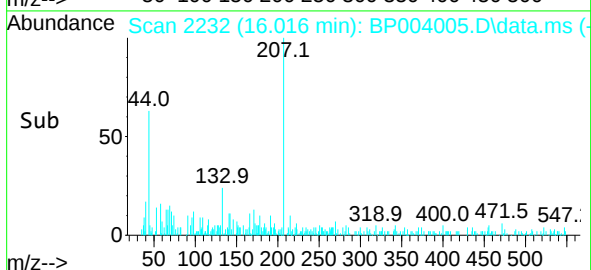
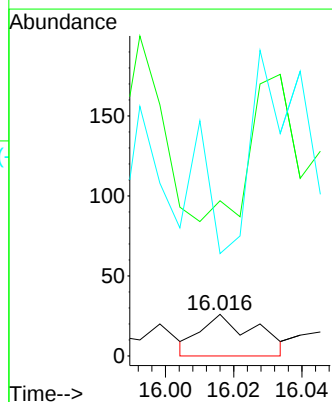
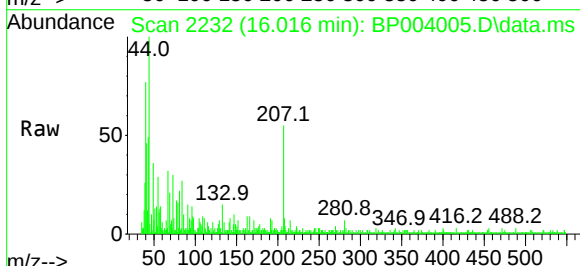
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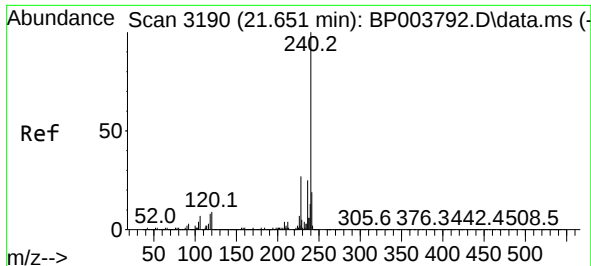
Tgt Ion:188 Resp: 647072
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.6 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 373.1 6.4 46.4#
105 246.2 18.9 58.9#

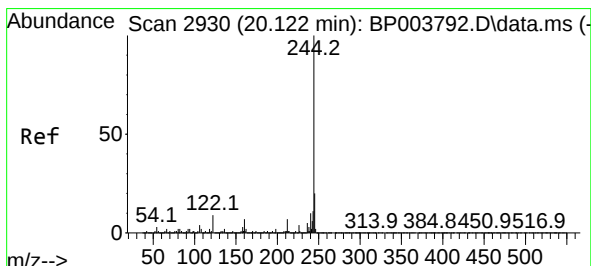
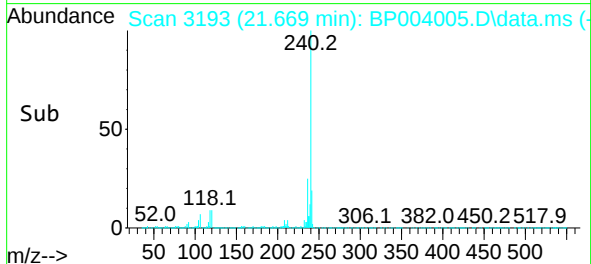
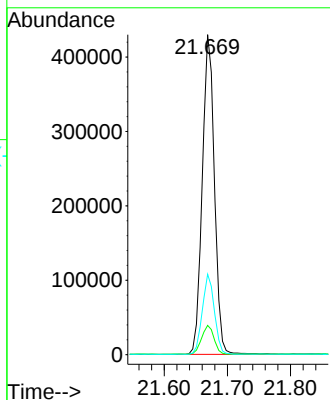
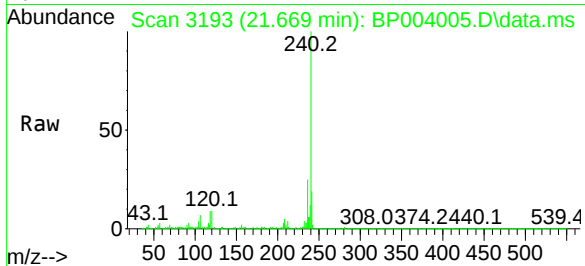




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

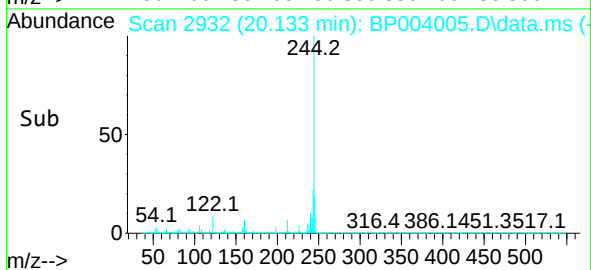
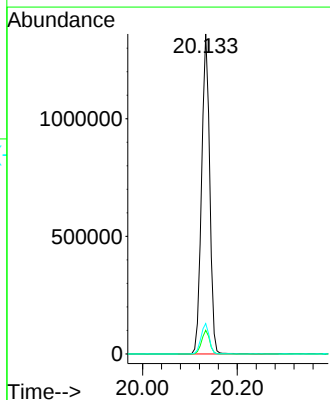
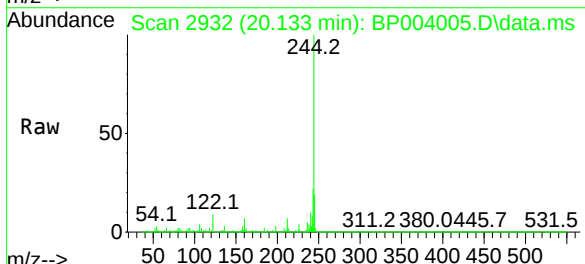
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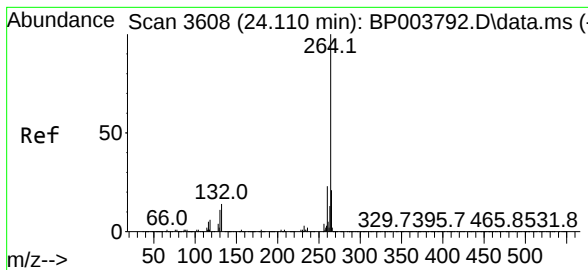
Tgt Ion:240 Resp: 573968
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 54.17 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP004005.D
Acq: 19 Nov 2020 15:26

Tgt Ion:244 Resp: 1609239
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.157 min Scan# 3616
 Delta R.T. 0.000 min
 Lab File: BP004005.D
 Acq: 19 Nov 2020 15:26

Instrument :
 BNA_P
 ClientSampleId :
 PB133105BL

Tgt Ion:264 Resp: 594985
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.3 17.4 26.2

