

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
 Data File : BP007011.D
 Acq On : 17 Sep 2021 00:01
 Operator : CG/JU
 Sample : M3687-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A005095

Quant Time: Sep 17 02:40:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 16 15:16:52 2021
 Response via : Initial Calibration

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

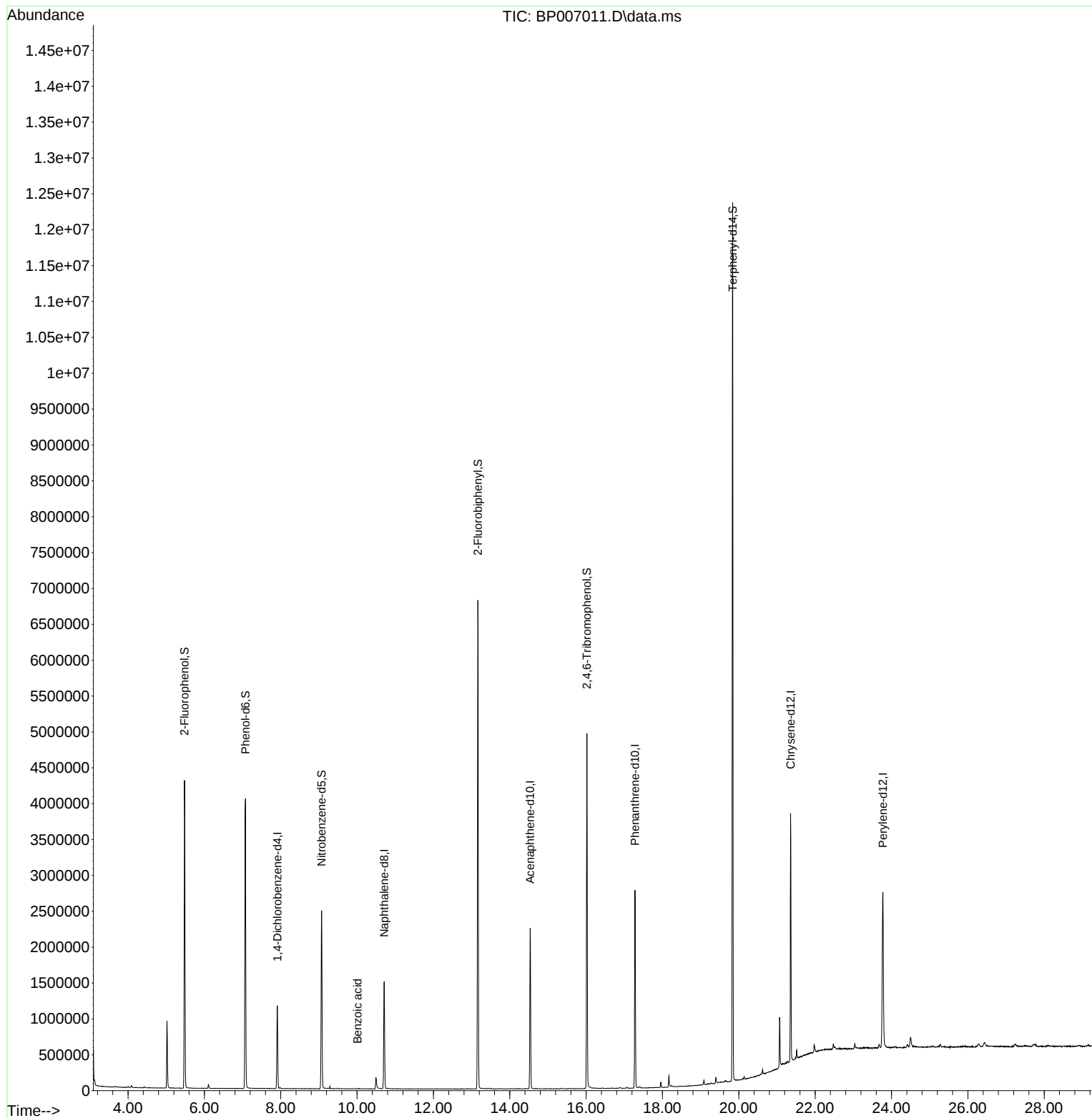
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	322928	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1255706	20.000	ng	#-0.01
39) Acenaphthene-d10	14.534	164	779892	20.000	ng	-0.01
64) Phenanthrene-d10	17.281	188	1665537	20.000	ng	#-0.01
76) Chrysene-d12	21.357	240	1631960	20.000	ng	#-0.02
86) Perylene-d12	23.774	264	1637315	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1952002	98.705	ng	0.00
7) Phenol-d6	7.075	99	2494880	92.429	ng	0.00
23) Nitrobenzene-d5	9.069	82	1431172	64.013	ng	-0.01
42) 2,4,6-Tribromophenol	16.022	330	900221	95.982	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	3647329	64.562	ng	-0.01
79) Terphenyl-d14	19.839	244	5785232	68.014	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.069	77	4532	Below Cal	#	7
32) Benzoic acid	10.010	122	43	6.099 ng	#	1

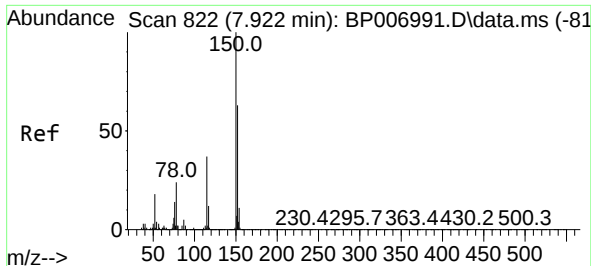
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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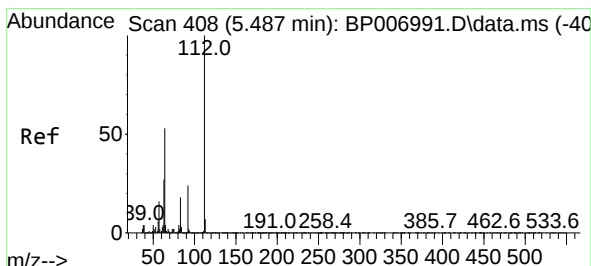
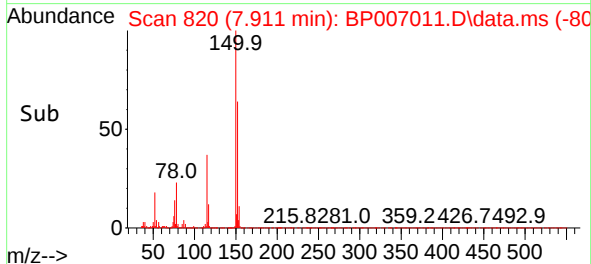
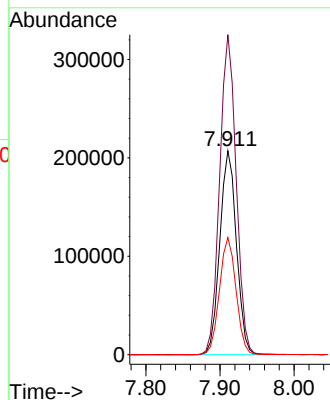
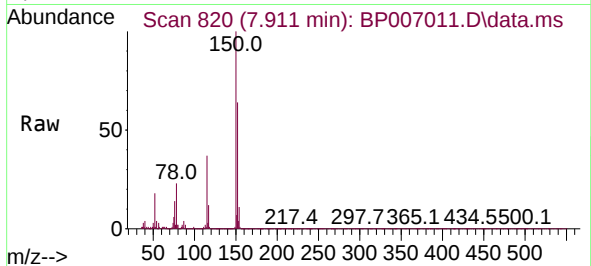




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. -0.011 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

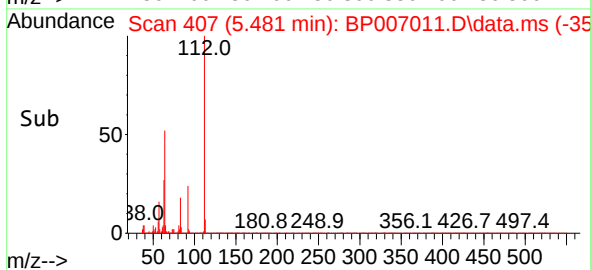
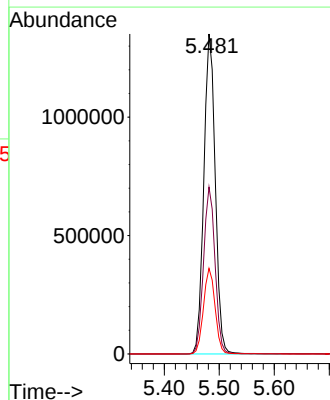
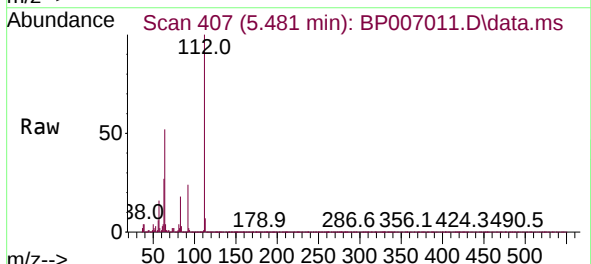
Instrument :
BNA_P
ClientSampleId :
A005095

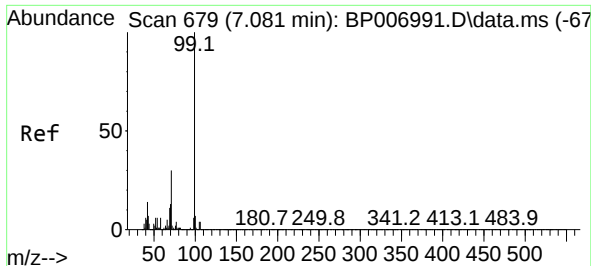
Tgt Ion:152 Resp: 322928
Ion Ratio Lower Upper
152 100
150 156.9 125.6 188.4
115 57.4 48.5 72.7



#5
2-Fluorophenol
Concen: 98.705 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion:112 Resp: 1952002
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 26.8 23.8 35.8

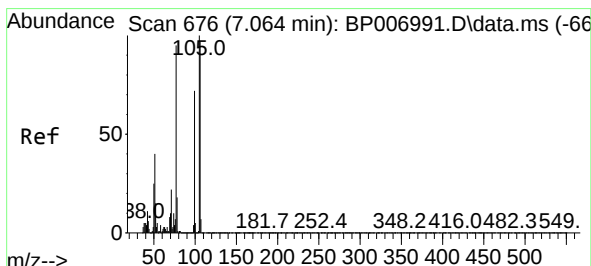
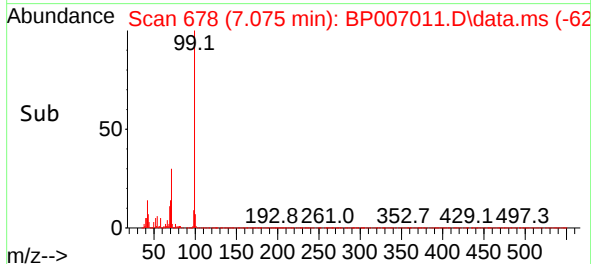
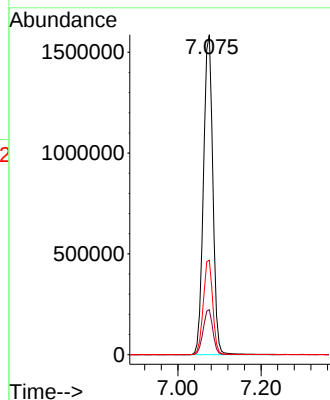
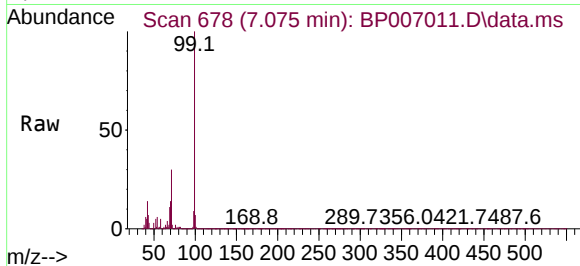




#7
Phenol-d6
Concen: 92.429 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

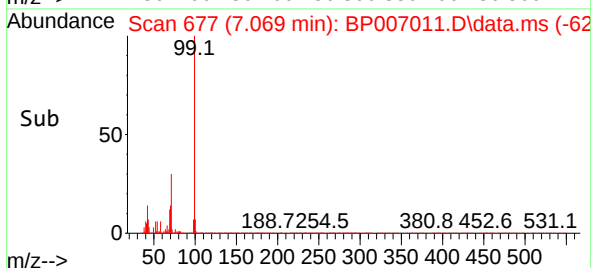
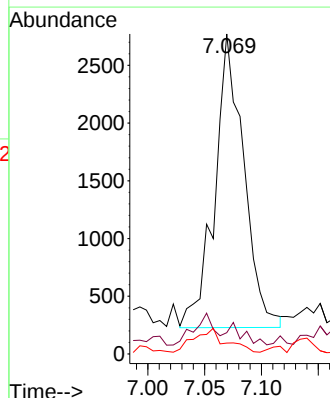
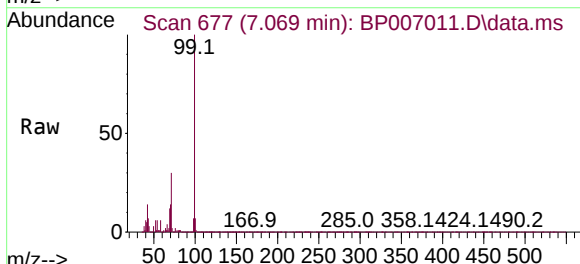
Instrument :
BNA_P
ClientSampleId :
A005095

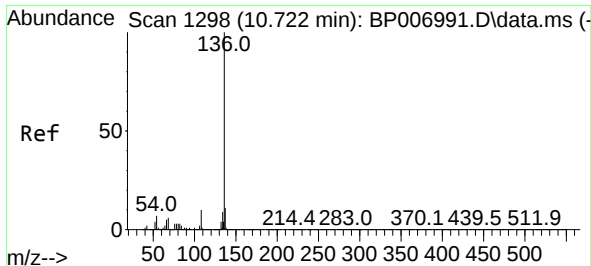
Tgt Ion: 99 Resp: 2494880
Ion Ratio Lower Upper
99 100
42 14.0 13.4 20.0
71 29.6 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.069 min Scan# 677
Delta R.T. 0.005 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion: 77 Resp: 4532
Ion Ratio Lower Upper
77 100
105 6.6 76.7 116.7#
106 3.4 76.2 116.2#



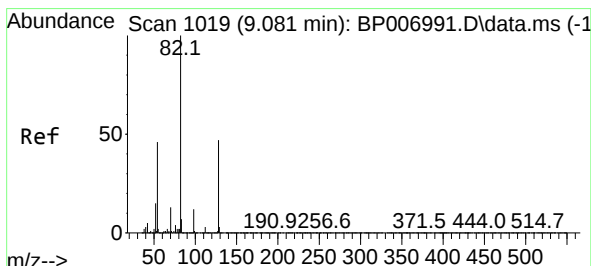
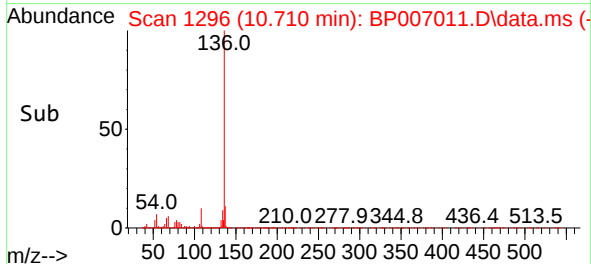
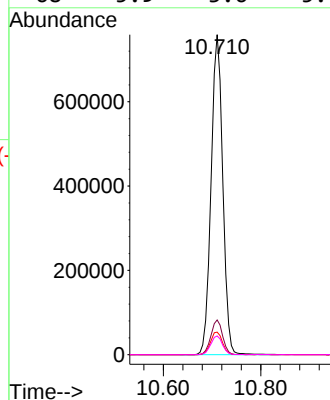
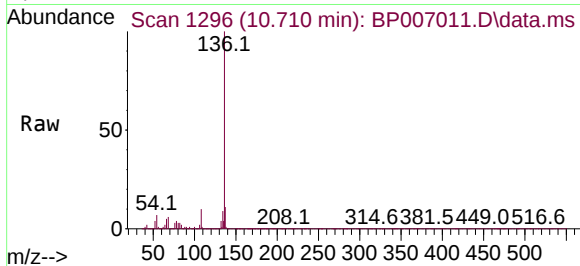


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Instrument :
BNA_P
ClientSampleId :
A005095

Tgt Ion:136 Resp: 1255706

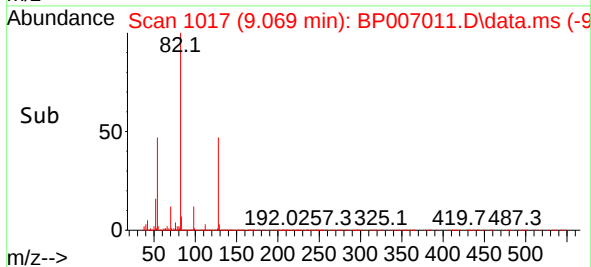
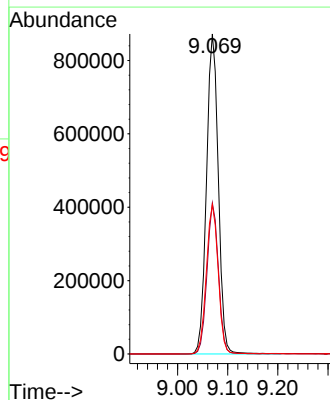
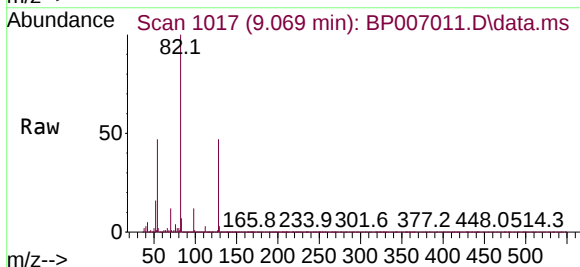
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.1	4.6	6.8#
68	5.9	3.6	5.4#

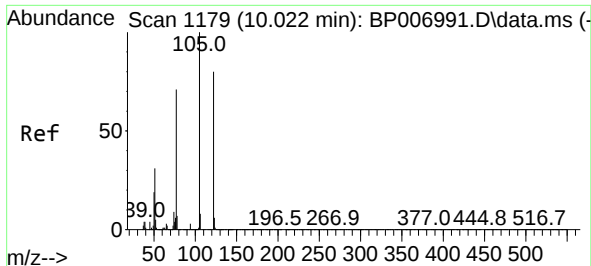


#23
Nitrobenzene-d5
Concen: 64.013 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion: 82 Resp: 1431172

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.7	53.5
54	46.6	35.0	52.4

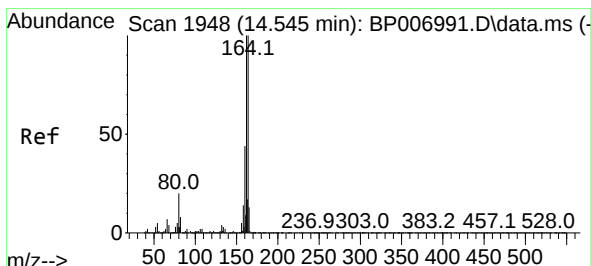
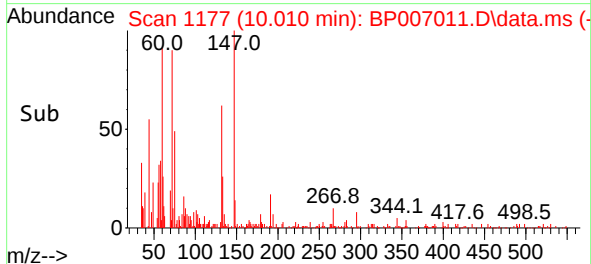
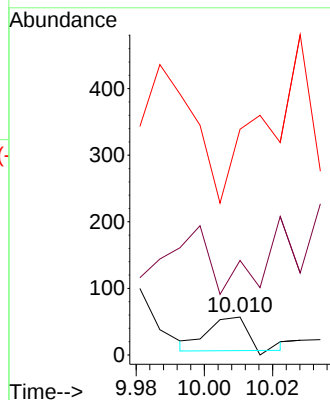
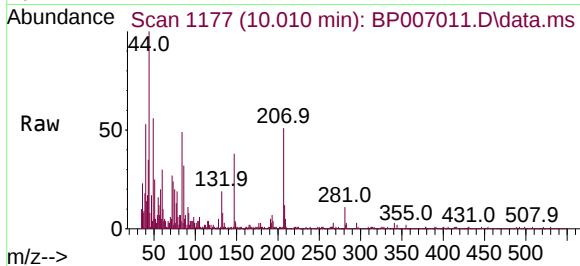




#32
Benzoic acid
Concen: 6.099 ng
RT: 10.010 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

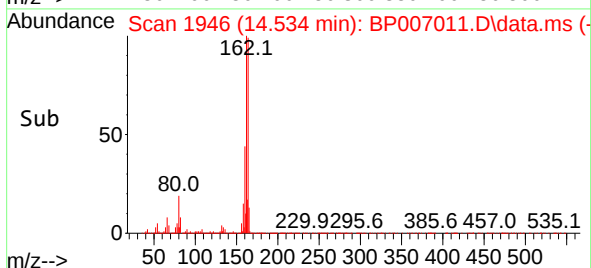
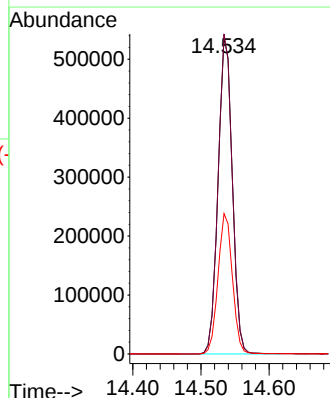
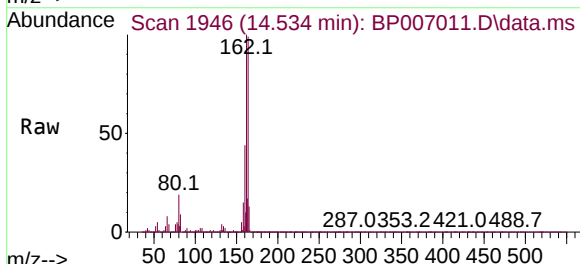
Instrument :
BNA_P
ClientSampleId :
A005095

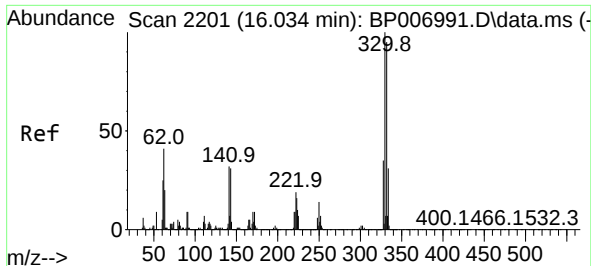
Tgt Ion:122 Resp: 43
Ion Ratio Lower Upper
122 100
105 249.1 103.2 143.2#
77 594.7 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion:164 Resp: 779892
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.3 34.5 51.7

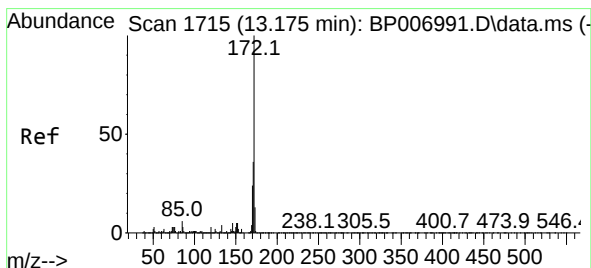
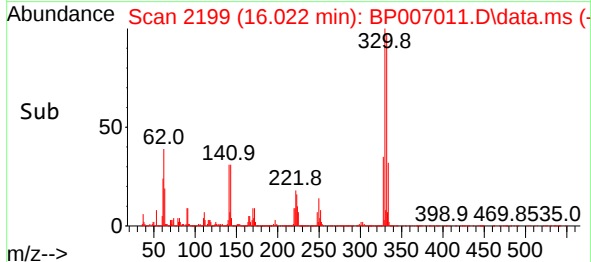
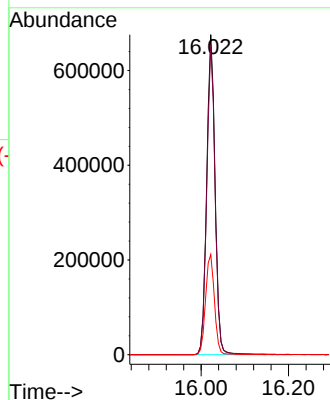
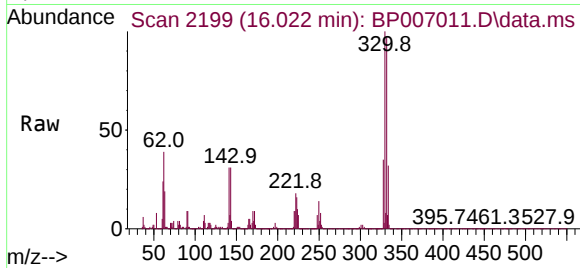




#42
2,4,6-Tribromophenol
Concen: 95.982 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

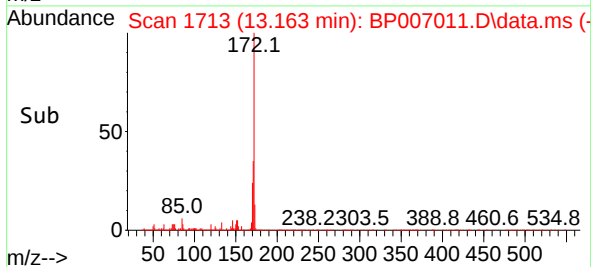
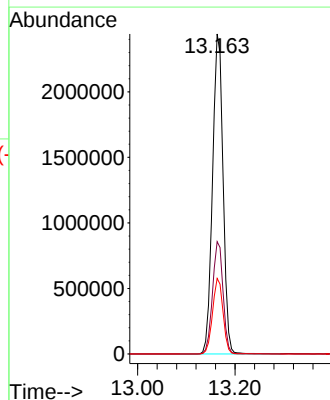
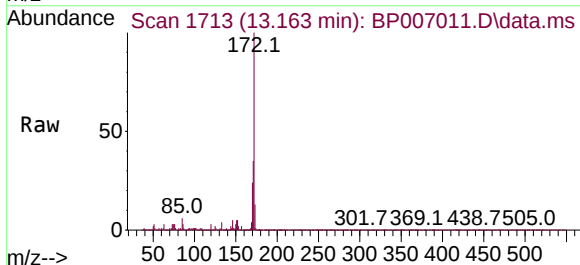
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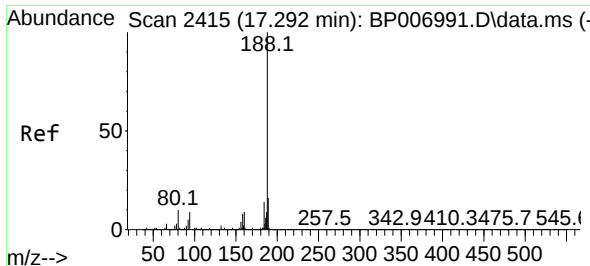
Tgt Ion: 330 Resp: 900221
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 33.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.562 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion: 172 Resp: 3647329
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.6 18.6 27.8

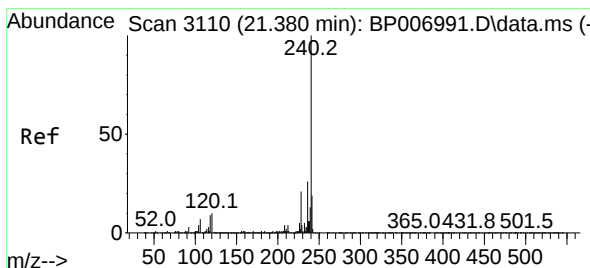
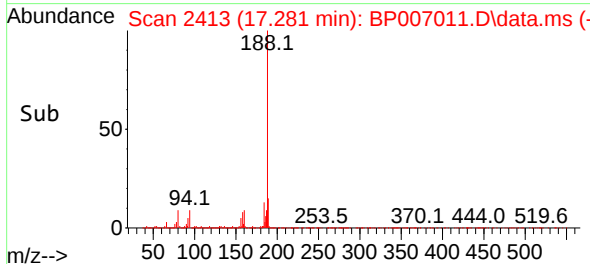
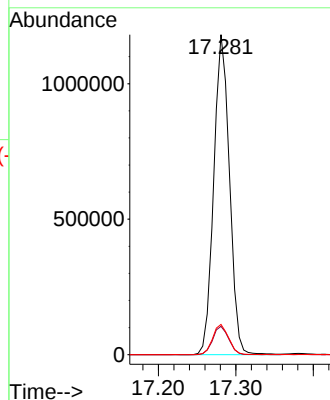
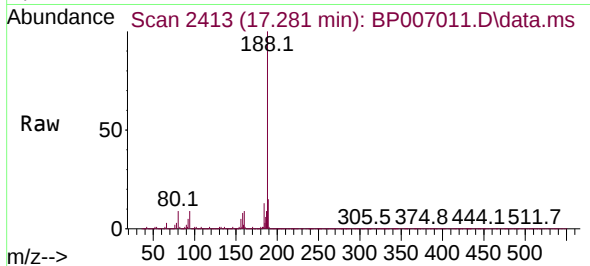




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

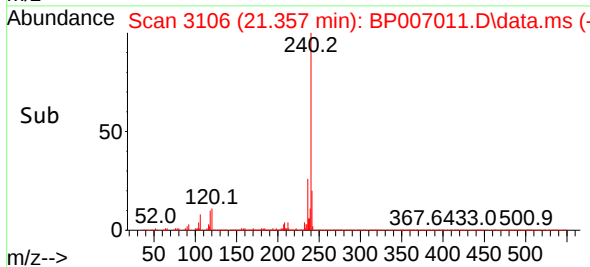
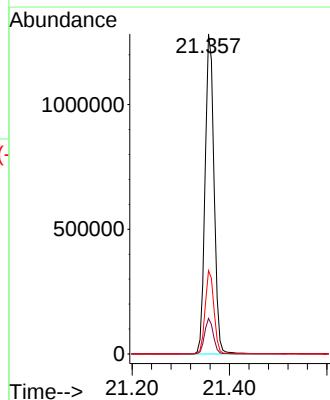
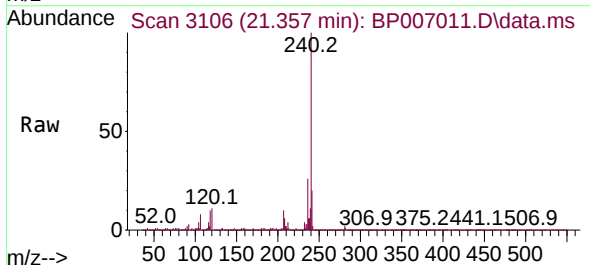
Instrument :
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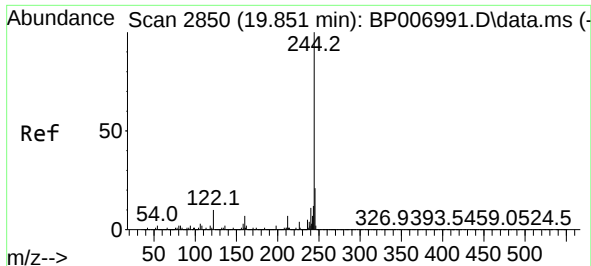
Tgt Ion:188 Resp: 1665537
Ion Ratio Lower Upper
188 100
94 8.8 5.6 8.4#
80 9.5 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.023 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion:240 Resp: 1631960
Ion Ratio Lower Upper
240 100
120 11.1 6.5 9.7#
236 26.1 20.6 31.0

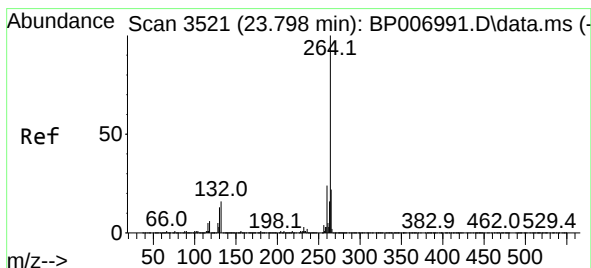
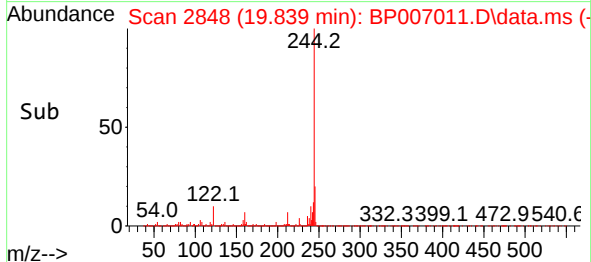
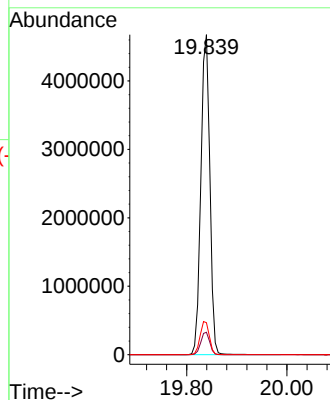
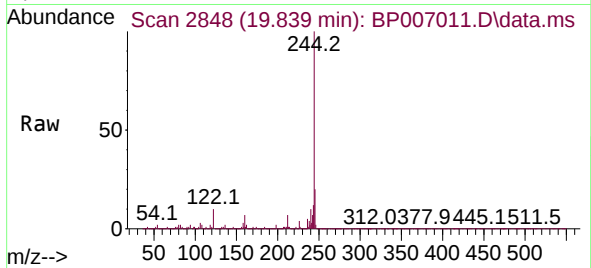




#79
Terphenyl-d14
Concen: 68.014 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

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Tgt Ion:244 Resp: 5785232
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.0 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.023 min
Lab File: BP007011.D
Acq: 17 Sep 2021 00:01

Tgt Ion:264 Resp: 1637315
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.8 17.6 26.4

