

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007393.D
 Acq On : 09 Oct 2021 02:06
 Operator : CG/JU
 Sample : M4041-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Oct 09 06:21:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

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

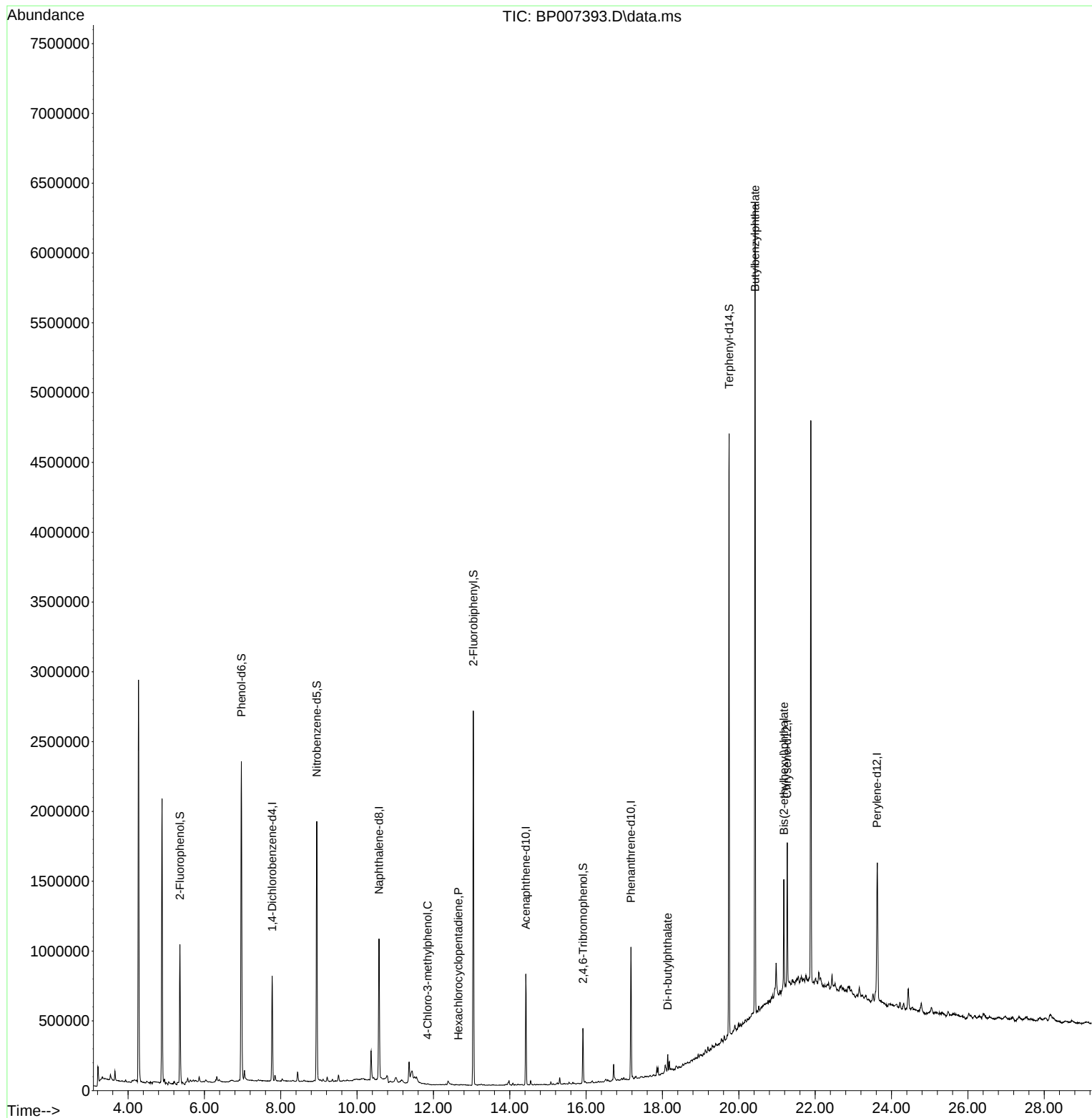
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	210852	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	862283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.422	164	281976	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	592536	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	489390	20.000	ng	-0.01
86) Perylene-d12	23.622	264	522417	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	486805	38.042	ng	0.00
7) Phenol-d6	6.969	99	1480670	86.188	ng	0.00
23) Nitrobenzene-d5	8.946	82	1079760	73.750	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	99989	21.618	ng	-0.01
45) 2-Fluorobiphenyl	13.046	172	1431554	70.940	ng	0.00
79) Terphenyl-d14	19.745	244	2216796	79.894	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	63	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.852	107	102	2.324	ng	# 51
41) Hexachlorocyclopentadiene	12.657	237	25	6.061	ng	90
66) n-Nitrosodiphenylamine	15.687	169	695	Below Cal	#	84
68) Hexachlorobenzene	16.481	284	207	Below Cal	#	1
69) Atrazine	16.651	200	89	Below Cal	#	19
74) Di-n-butylphthalate	18.139	149	91264	2.441	ng	98
80) Butylbenzylphthalate	20.428	149	2067442	158.803	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.180	149	337989	18.654	ng	# 95
88) Benzo(b)fluoranthene	22.910	252	15189	Below Cal	#	33
89) Benzo(k)fluoranthene	22.910	252	15189	Below Cal	#	33

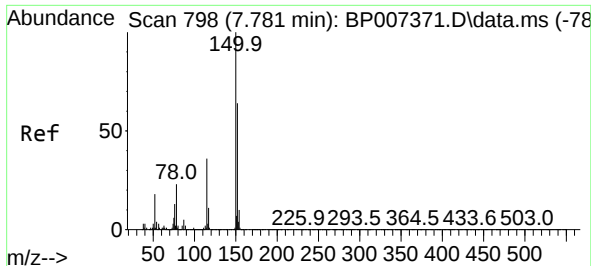
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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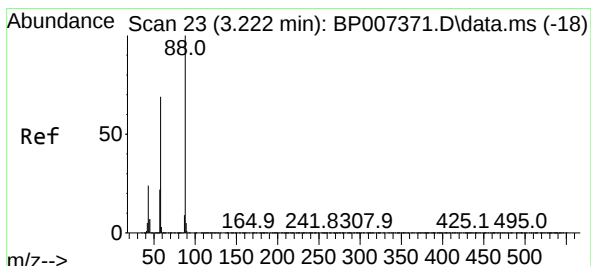
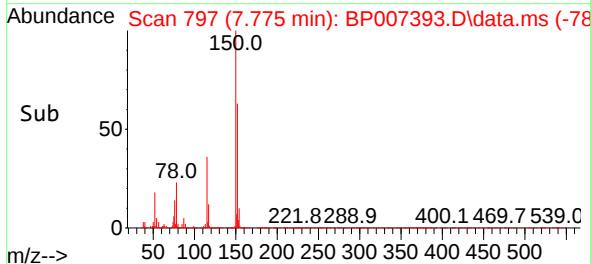
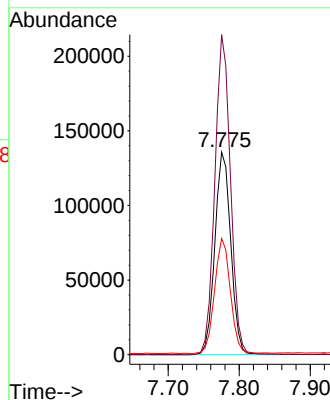
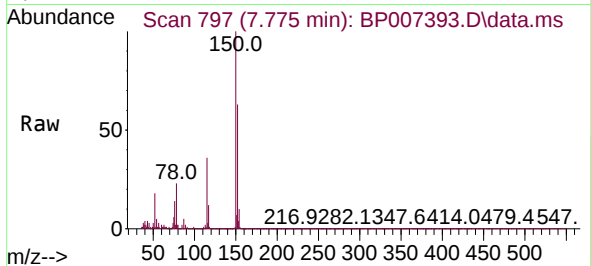




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

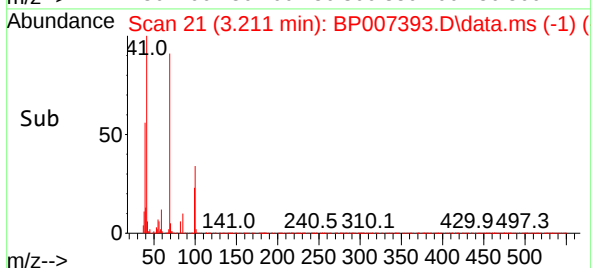
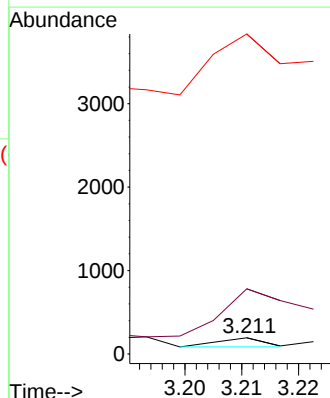
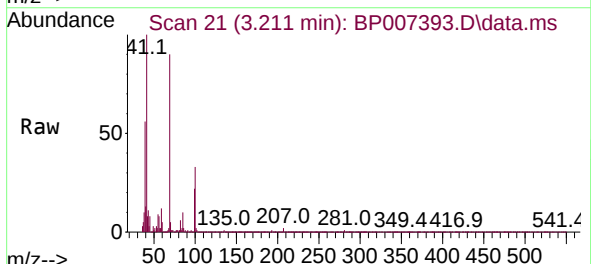
Instrument :
BNA_P
ClientSampled :
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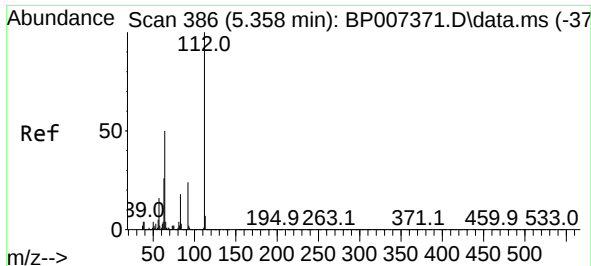
Tgt Ion:152 Resp: 210852
Ion Ratio Lower Upper
152 100
150 158.0 125.6 188.4
115 57.4 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.211 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 1603.2 46.7 70.1#
43 1365.1 20.3 30.5#

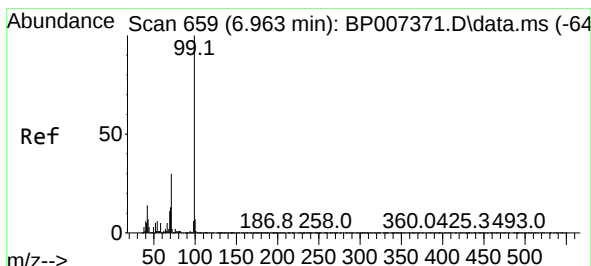
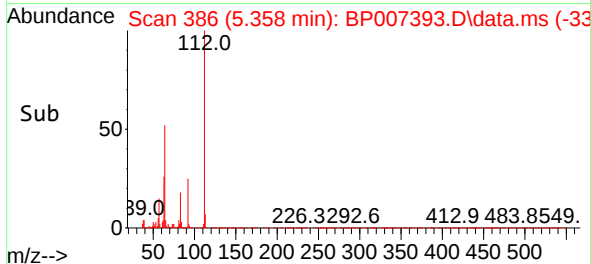
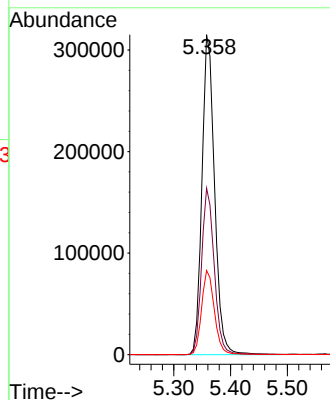
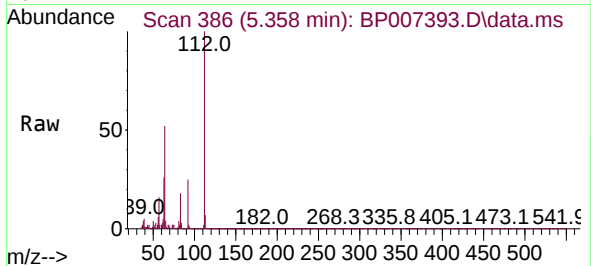




#5
2-Fluorophenol
Concen: 38.042 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

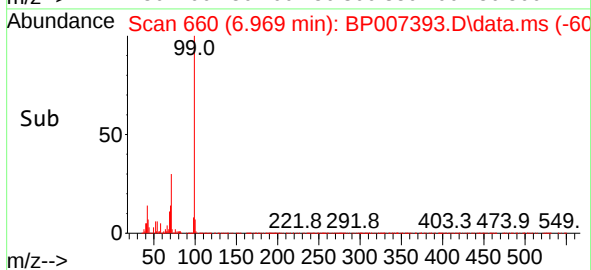
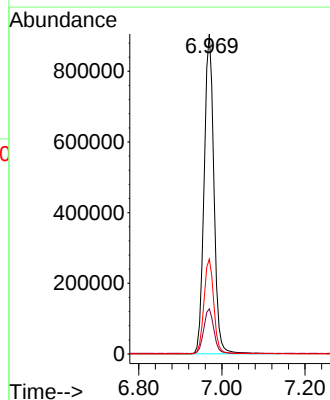
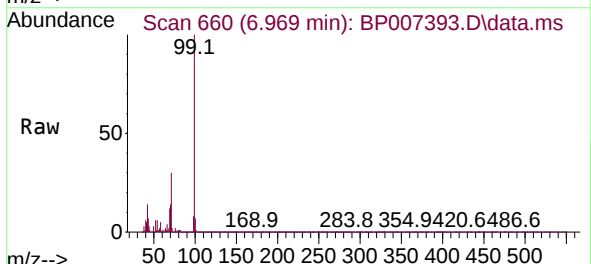
Instrument :
BNA_P
ClientSampleId :
S-1

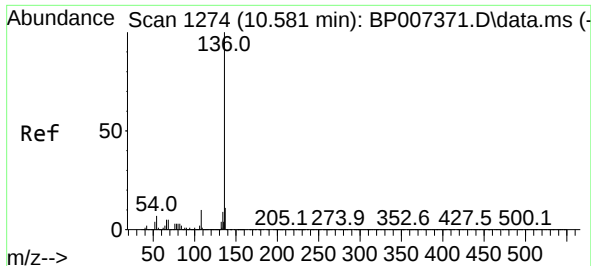
Tgt Ion:112 Resp: 486805
Ion Ratio Lower Upper
112 100
64 52.1 41.4 62.2
63 26.3 23.8 35.8



#7
Phenol-d6
Concen: 86.188 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion: 99 Resp: 1480670
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 29.6 30.6 46.0#

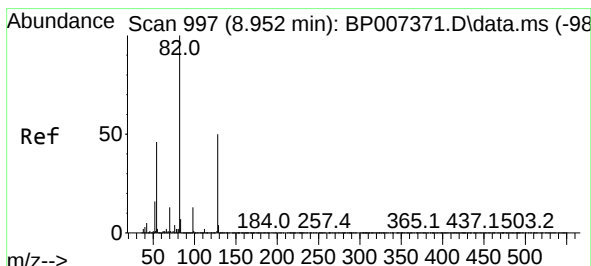
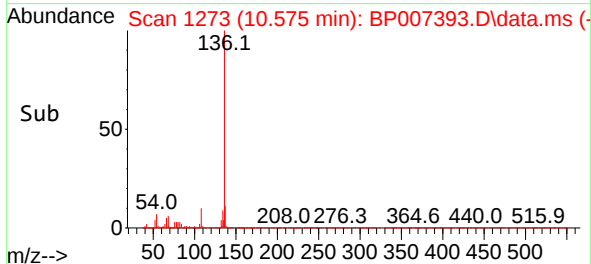
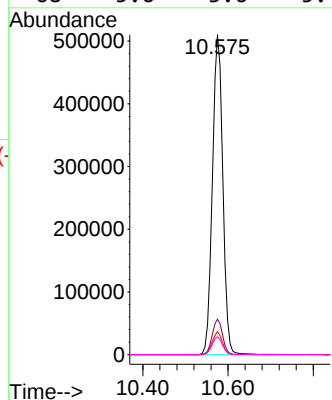
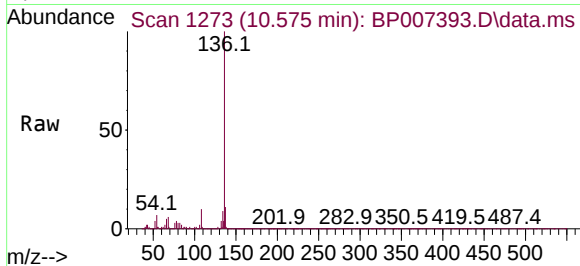




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

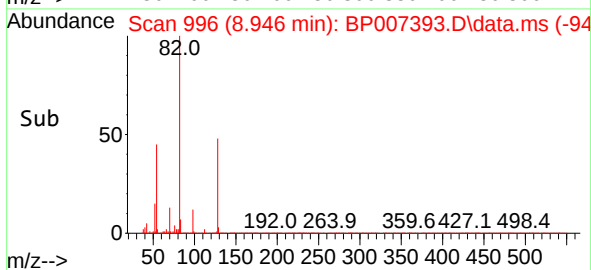
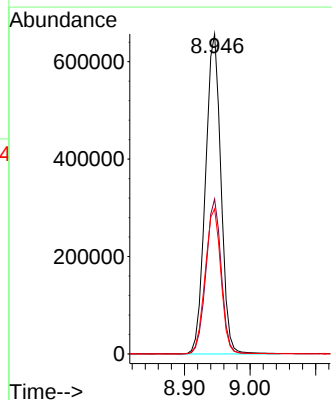
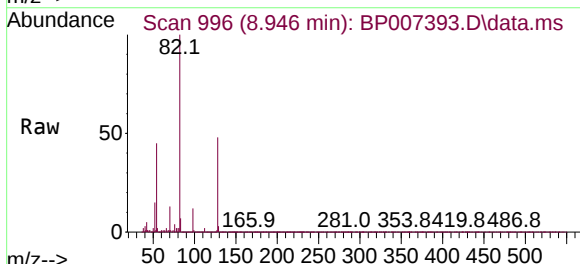
Instrument :
BNA_P
ClientSampleId :
S-1

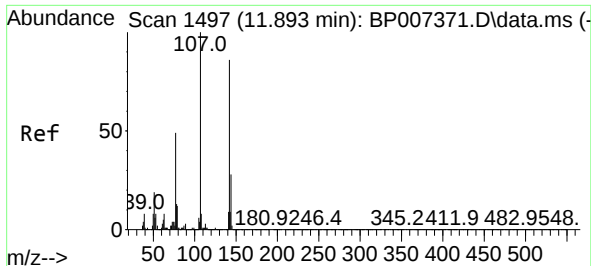
Tgt Ion:	136	Resp:	862283
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.3	4.6	6.8#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 73.750 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:	82	Resp:	1079760
Ion	Ratio	Lower	Upper
82	100		
128	48.4	35.7	53.5
54	45.3	35.0	52.4

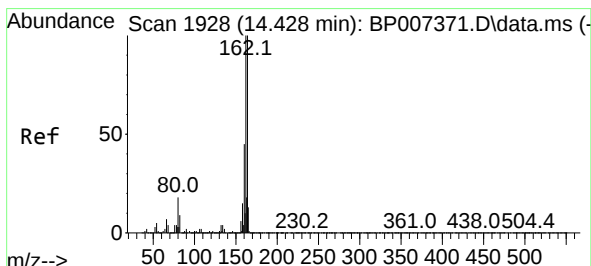
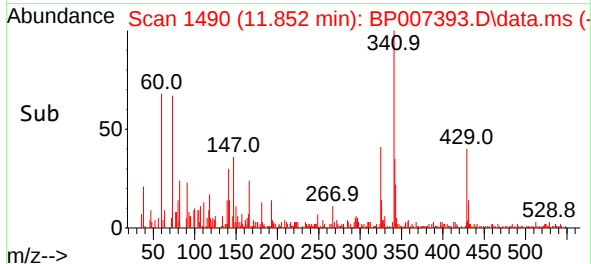
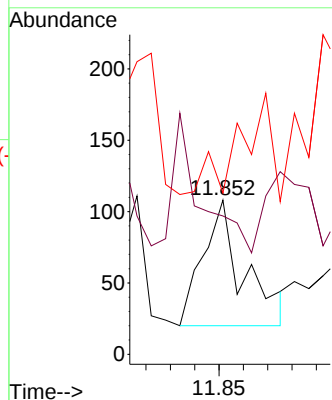
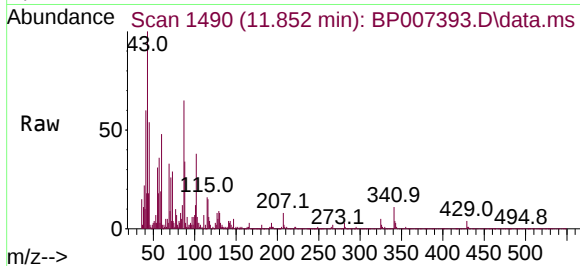




#36
4-Chloro-3-methylphenol
Concen: 2.324 ng
RT: 11.852 min Scan# 1490
Delta R.T. -0.041 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

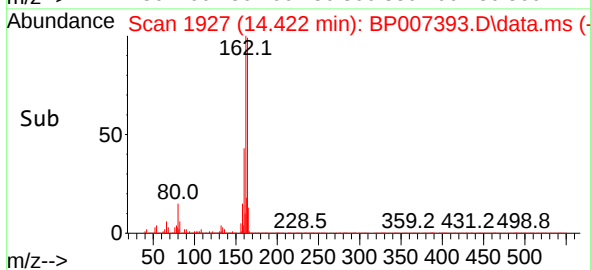
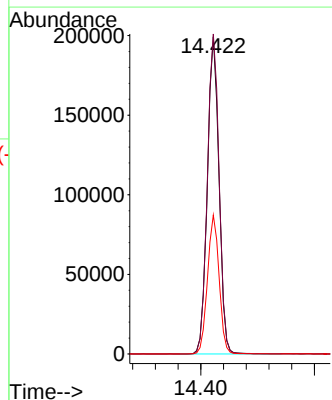
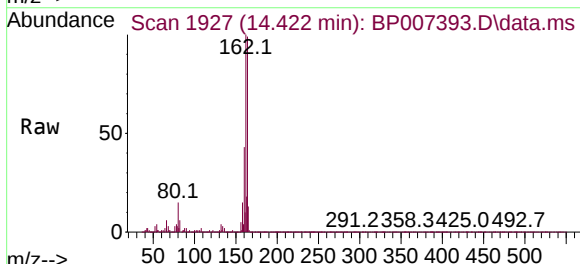
Instrument :
BNA_P
ClientSampled :
S-1

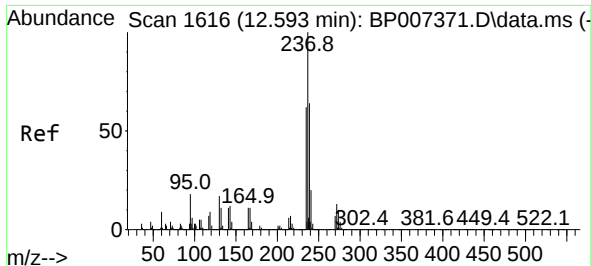
Tgt Ion:	107	Resp:	102
Ion	Ratio	Lower	Upper
107	100		
144	89.8	21.1	31.7#
142	104.6	66.0	99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:	164	Resp:	281976
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	43.8	34.5	51.7

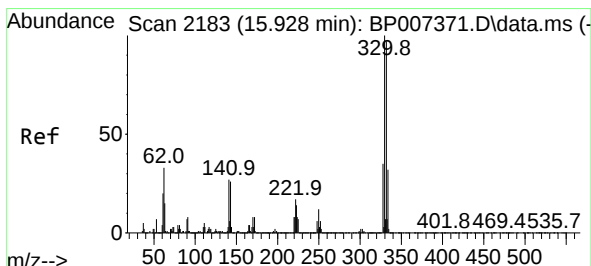
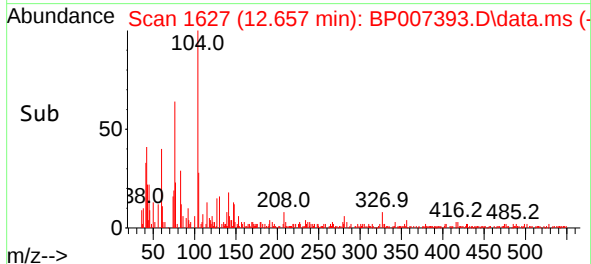
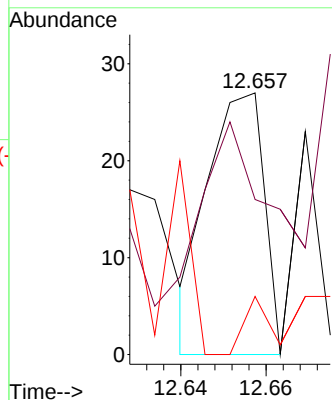
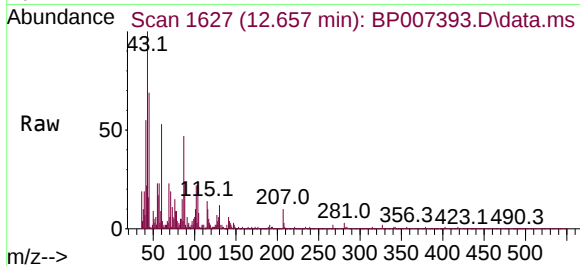




#41
Hexachlorocyclopentadiene
Concen: 6.061 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.064 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

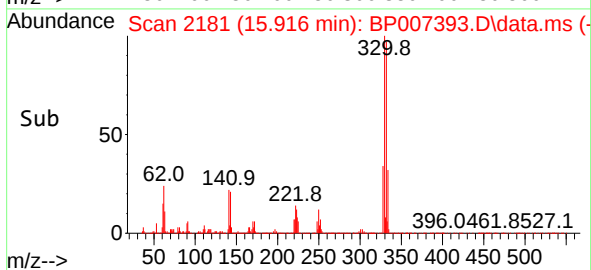
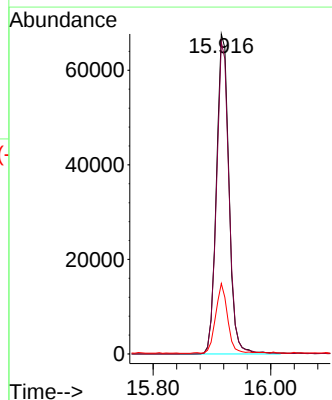
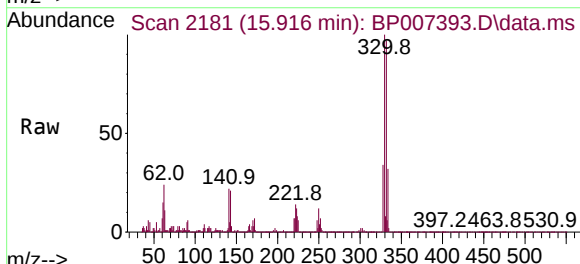
Instrument :
BNA_P
ClientSampled :
S-1

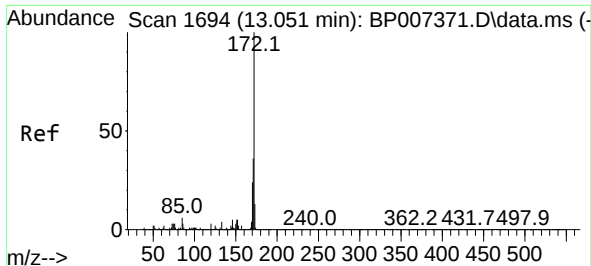
Tgt Ion:237	Resp:	25
Ion Ratio	Lower	Upper
237	100	
235	59.3	44.5 84.5
272	22.2	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 21.618 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:330	Resp:	99989
Ion Ratio	Lower	Upper
330	100	
332	97.4	77.8 116.8
141	21.1	25.4 38.2#

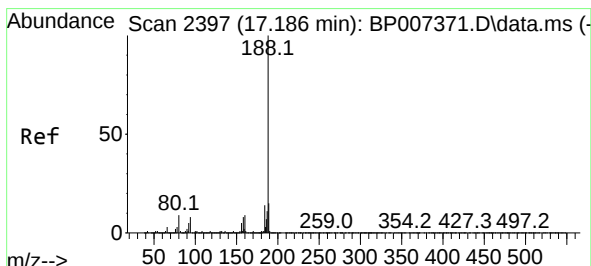
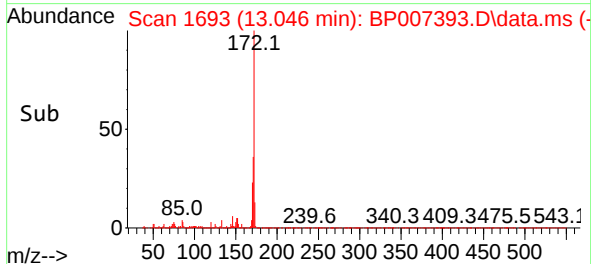
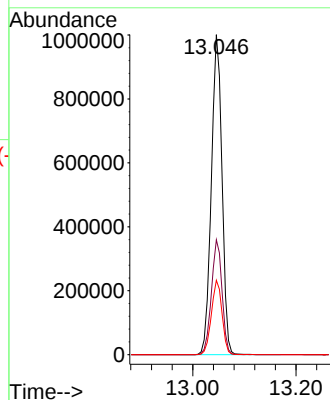
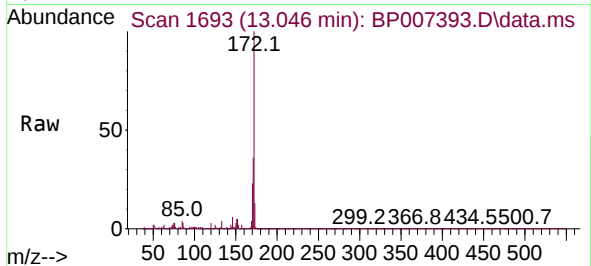




#45
2-Fluorobiphenyl
Concen: 70.940 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

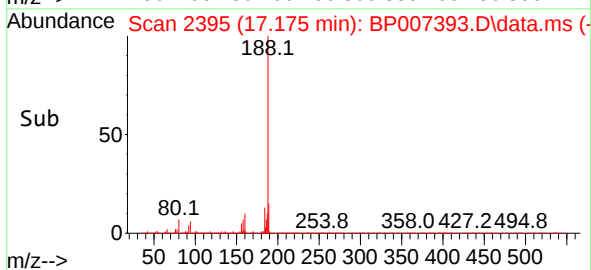
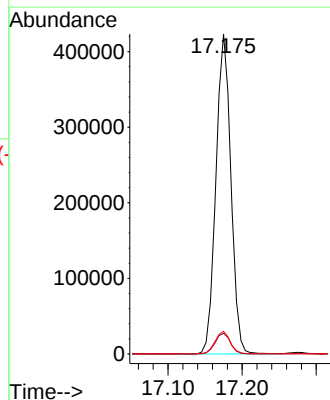
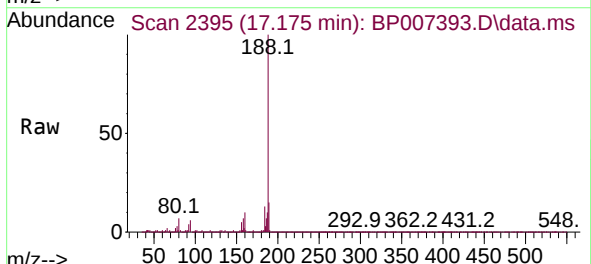
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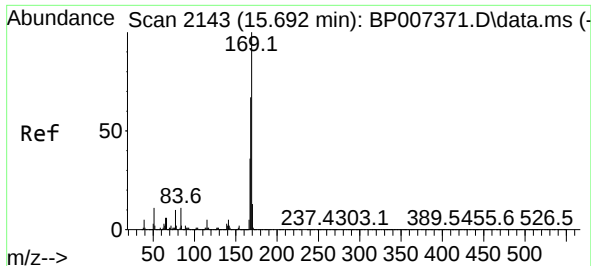
Tgt Ion:	172	Resp:	1431554
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	23.3	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:	188	Resp:	592536
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	7.1	6.3	9.5

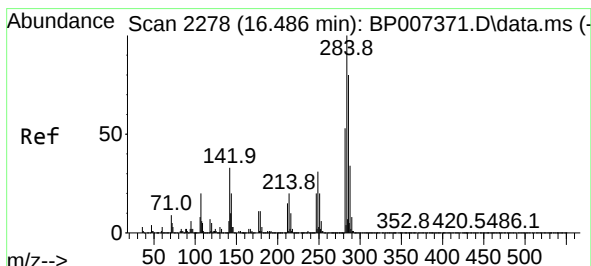
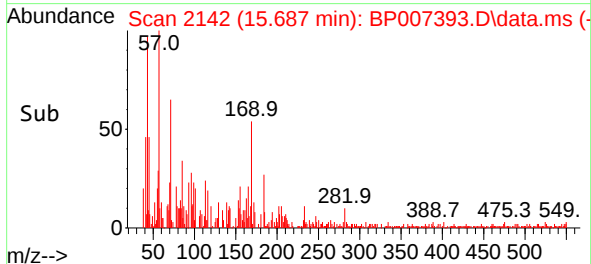
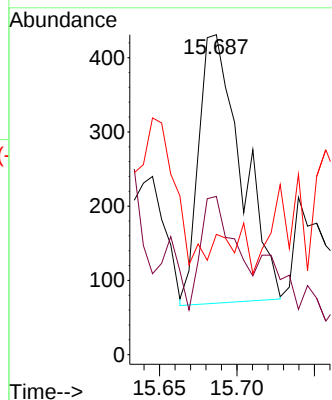
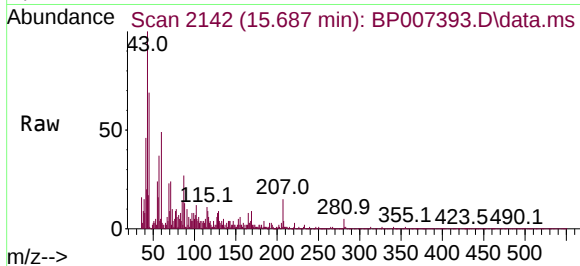




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.687 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

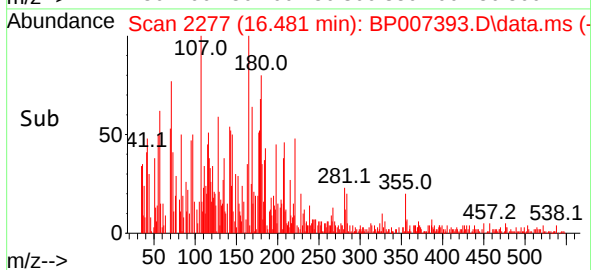
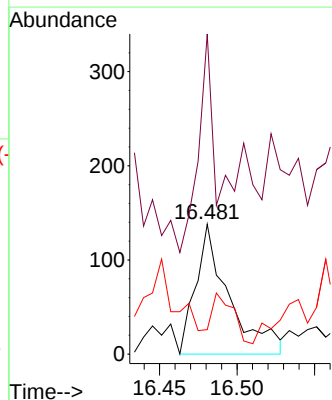
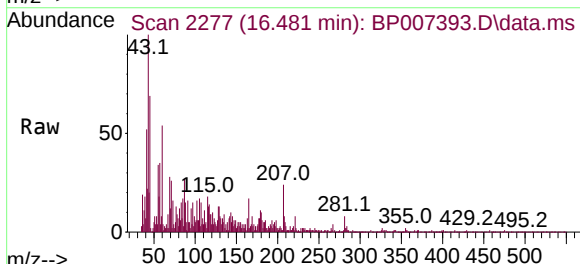
Instrument :
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S-1

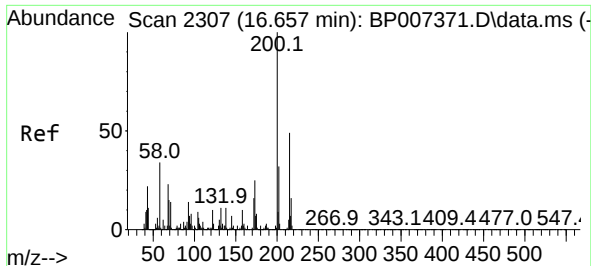
Tgt Ion:169 Resp: 695
Ion Ratio Lower Upper
169 100
168 49.4 54.4 81.6#
167 37.6 29.0 43.6



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.481 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:284 Resp: 207
Ion Ratio Lower Upper
284 100
142 246.4 26.9 40.3#
249 18.8 24.5 36.7#

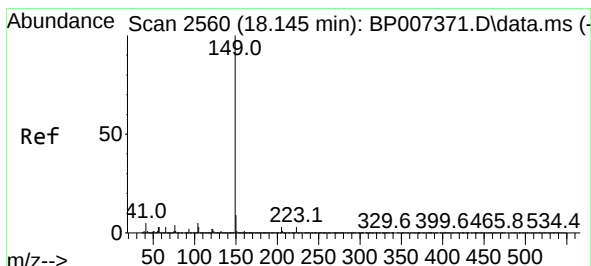
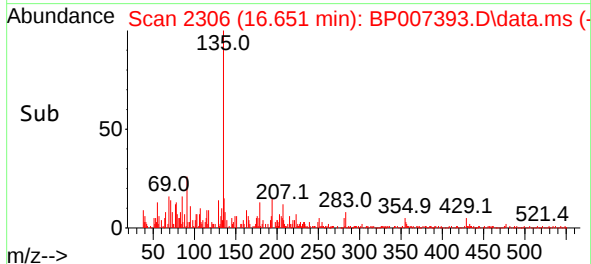
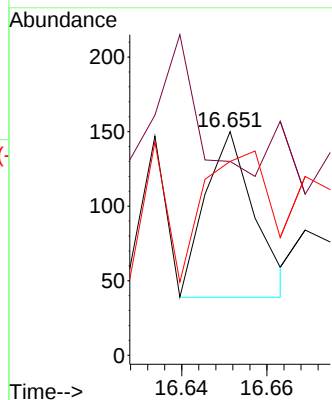
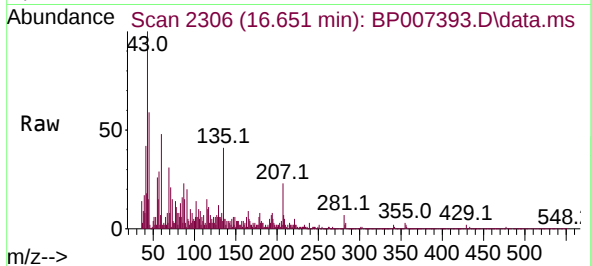




#69
Atrazine
Concen: Below Cal
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

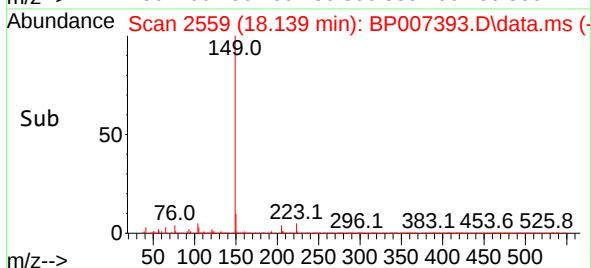
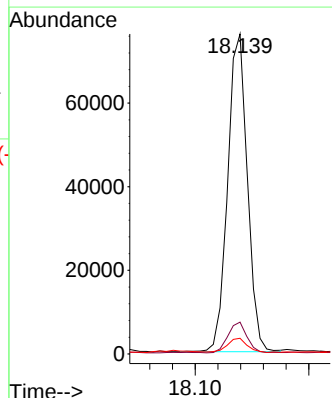
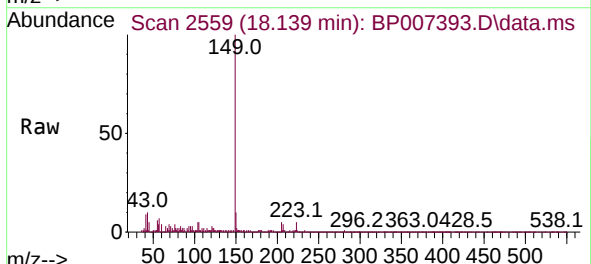
Instrument :
BNA_P
ClientSampled :
S-1

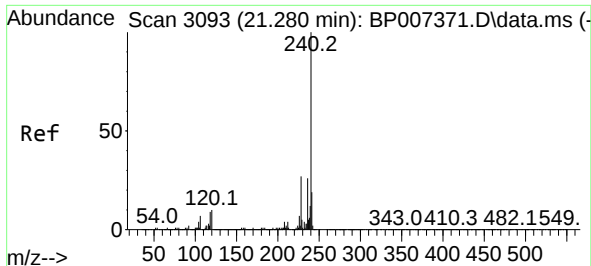
Tgt Ion:200 Resp: 89
Ion Ratio Lower Upper
200 100
173 86.7 4.1 44.1#
215 86.7 27.7 67.7#



#74
Di-n-butylphthalate
Concen: 2.441 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:149 Resp: 91264
Ion Ratio Lower Upper
149 100
150 9.9 7.3 10.9
104 4.9 4.5 6.7

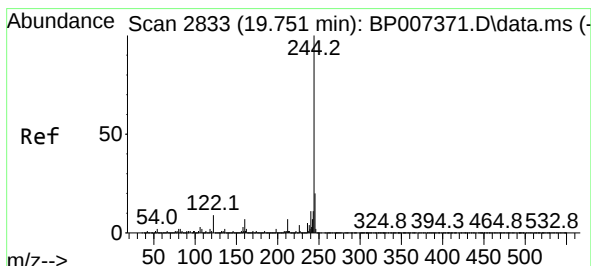
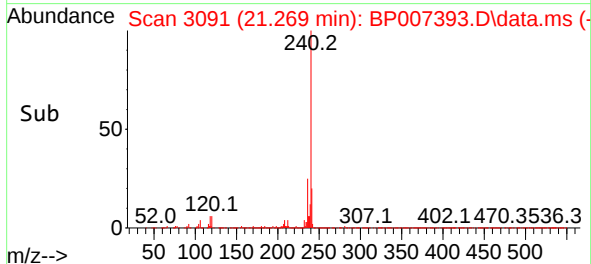
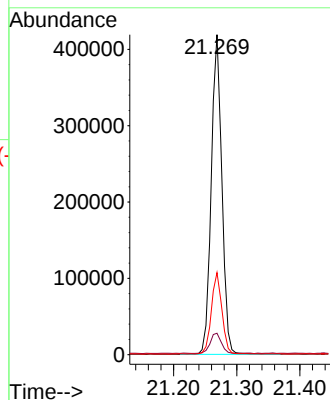
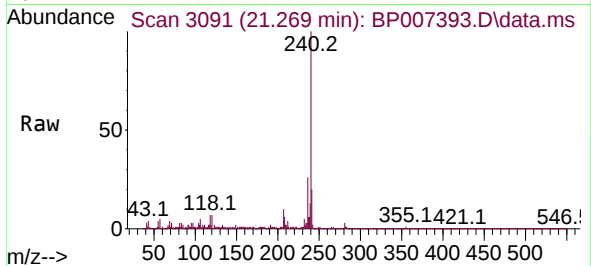




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

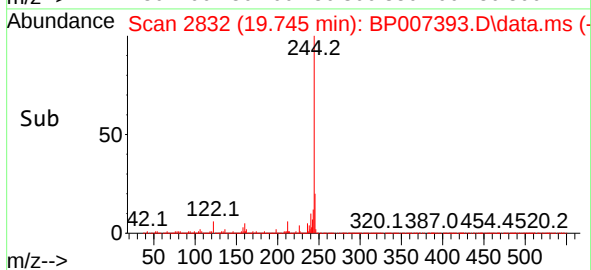
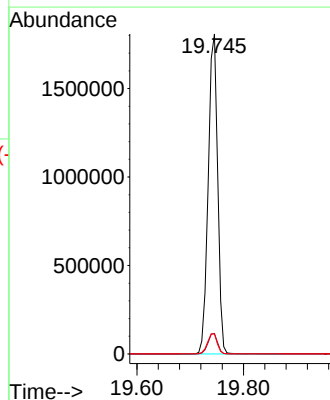
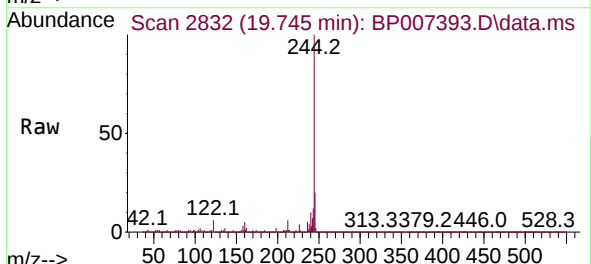
Instrument :
BNA_P
ClientSampled :
S-1

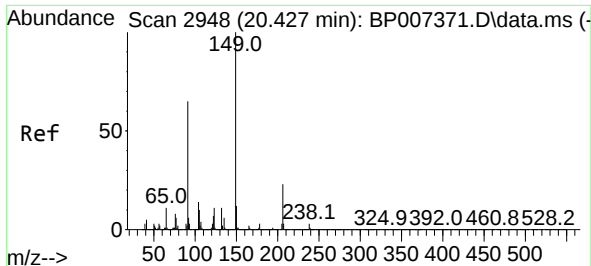
Tgt Ion:240 Resp: 489390
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 79.894 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:244 Resp: 2216796
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 6.2 7.1 10.7#

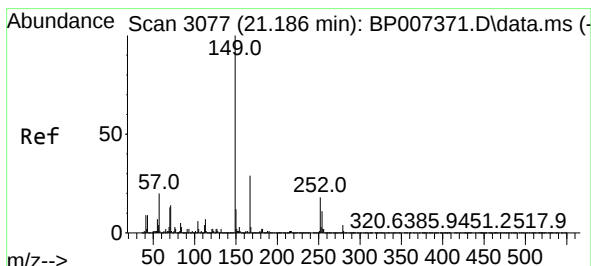
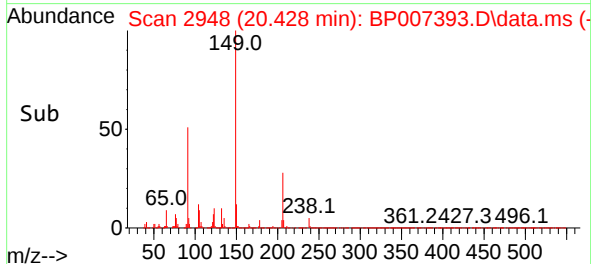
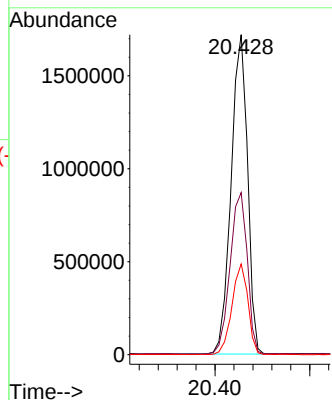
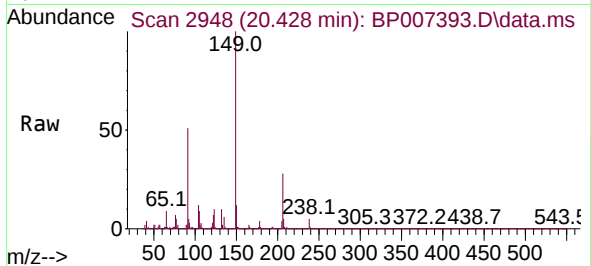




#80
Butylbenzylphthalate
Concen: 158.803 ng
RT: 20.428 min Scan# 2948
Delta R.T. 0.001 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

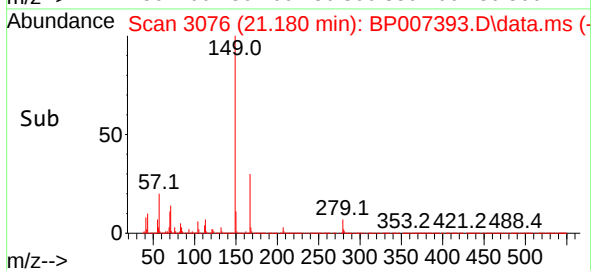
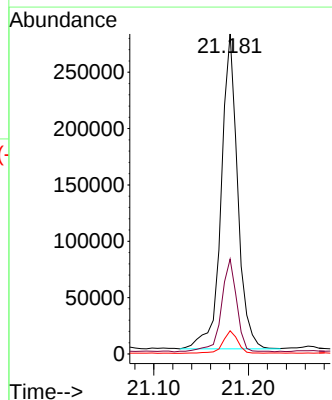
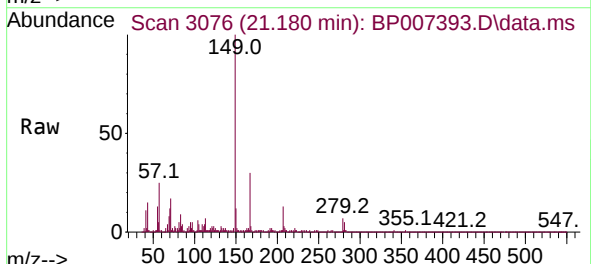
Instrument :
BNA_P
ClientSampled :
S-1

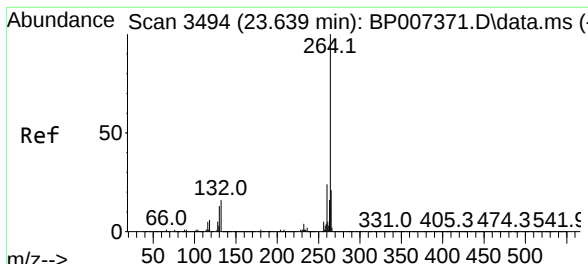
Tgt Ion:149 Resp: 2067442
Ion Ratio Lower Upper
149 100
91 50.7 54.6 81.8#
206 28.3 16.7 25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.654 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Tgt Ion:149 Resp: 337989
Ion Ratio Lower Upper
149 100
167 29.7 21.9 32.9
279 7.2 4.3 6.5#

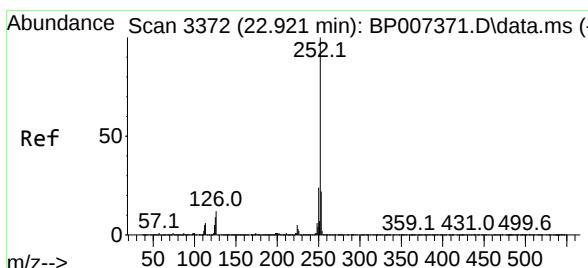
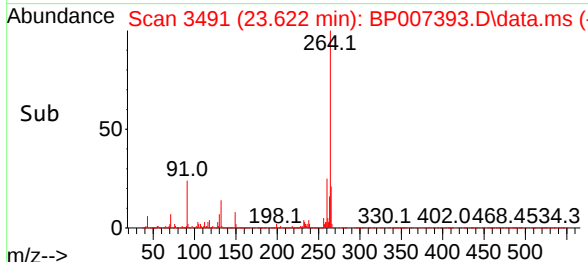
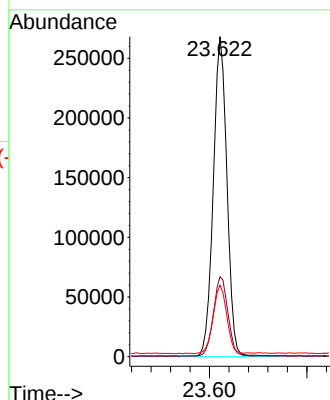
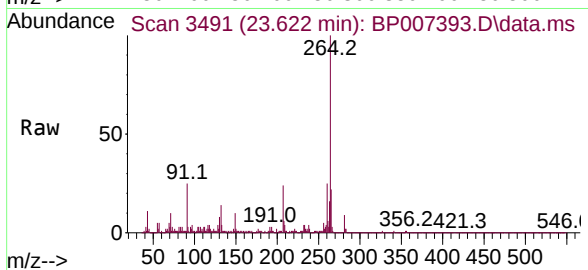




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.622 min Scan# 3491
 Delta R.T. -0.017 min
 Lab File: BP007393.D
 Acq: 09 Oct 2021 02:06

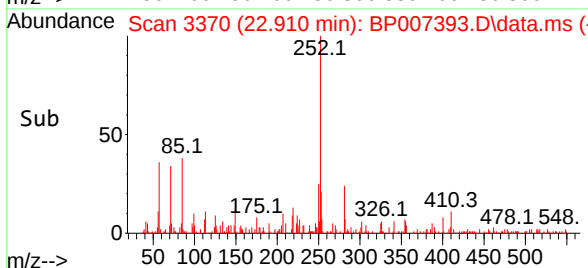
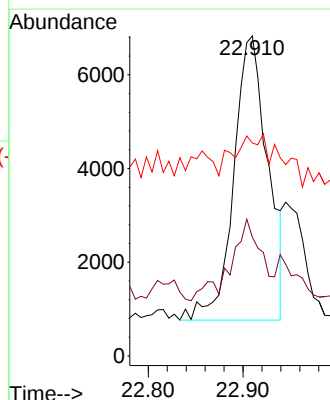
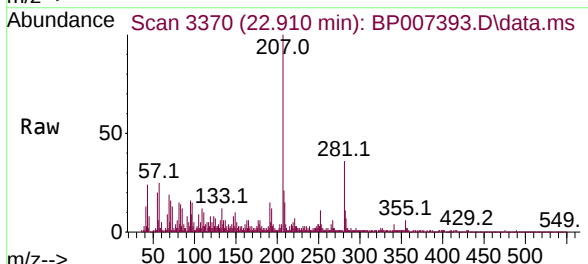
Instrument :
 BNA_P
 ClientSampled :
 S-1

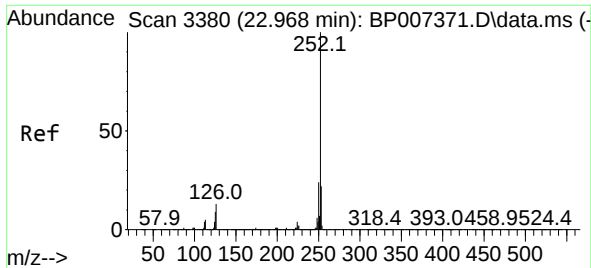
Tgt Ion:	264	Resp:	522417
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.6	28.0
265	22.3	17.6	26.4



#88
 Benzo(b)fluoranthene
 Concen: Below Cal
 RT: 22.910 min Scan# 3370
 Delta R.T. -0.011 min
 Lab File: BP007393.D
 Acq: 09 Oct 2021 02:06

Tgt Ion:	252	Resp:	15189
Ion Ratio	Lower	Upper	
252	100		
253	37.1	17.5	26.3#
125	66.6	6.2	9.4#





#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.058 min
Lab File: BP007393.D
Acq: 09 Oct 2021 02:06

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.1	17.6	26.4#
125	66.6	6.0	9.0#

