

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007394.D
 Acq On : 09 Oct 2021 02:40
 Operator : CG/JU
 Sample : M4041-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N-2

Quant Time: Oct 09 06:21:29 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)

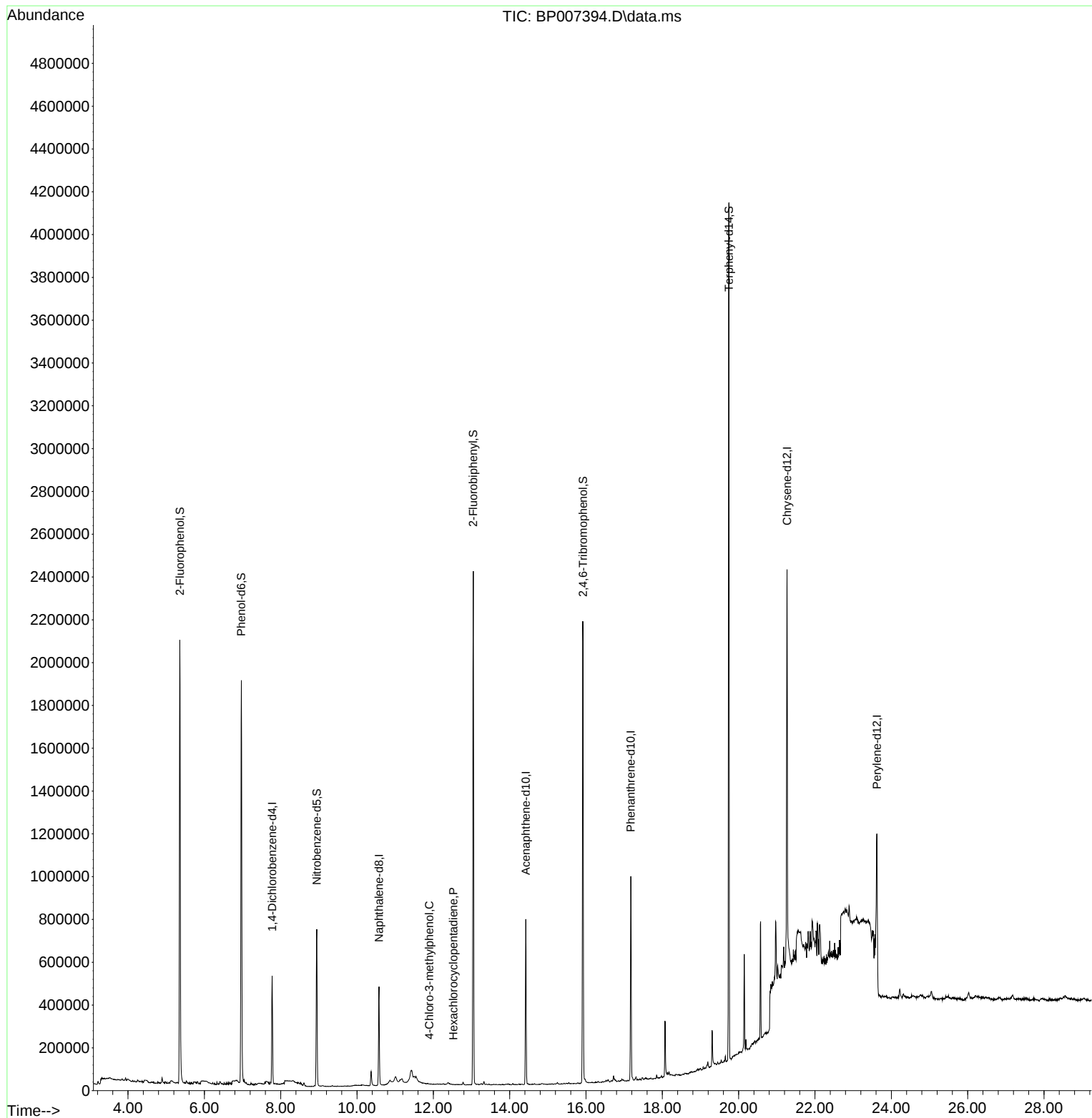
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	143197	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	387623	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	269568	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	575967	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	843218	20.000	ng	-0.01
86) Perylene-d12	23.621	264	576981	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1005481	115.699	ng	0.00
7) Phenol-d6	6.969	99	1186349	101.682	ng	0.00
23) Nitrobenzene-d5	8.946	82	424338	64.474	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	561062	126.885	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	1284859	66.601	ng	0.00
79) Terphenyl-d14	19.745	244	2082028	43.550	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	76	Below Cal	#	30
36) 4-Chloro-3-methylphenol	11.893	107	14	2.320 ng	#	1
41) Hexachlorocyclopentadiene	12.528	237	12	6.057 ng		83
66) n-Nitrosodiphenylamine	15.916	169	12105	Below Cal	#	47
68) Hexachlorobenzene	16.451	284	8	Below Cal	#	1
69) Atrazine	16.622	200	25	Below Cal	#	68
88) Benzo(b)fluoranthene	22.910	252	9613	Below Cal	#	16
89) Benzo(k)fluoranthene	22.910	252	9613	Below Cal	#	17

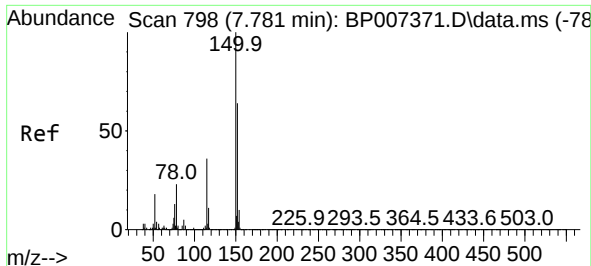
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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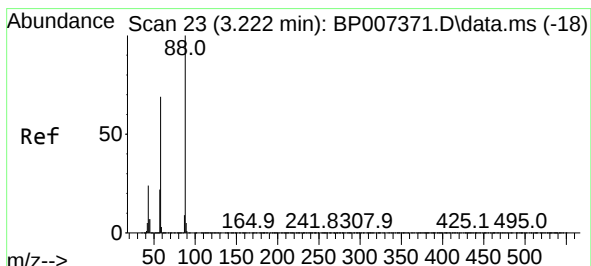
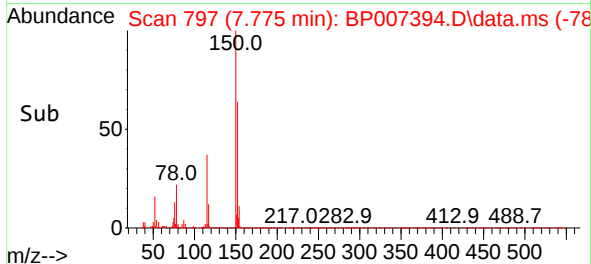
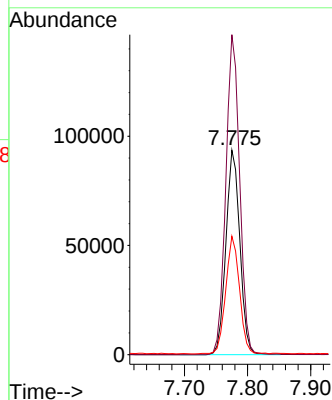
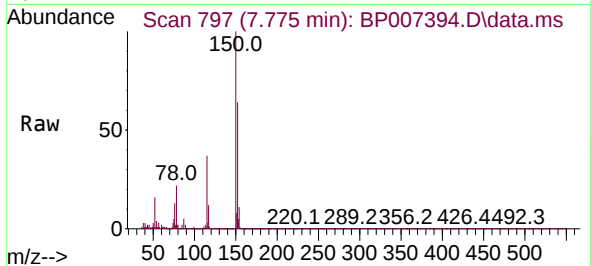




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

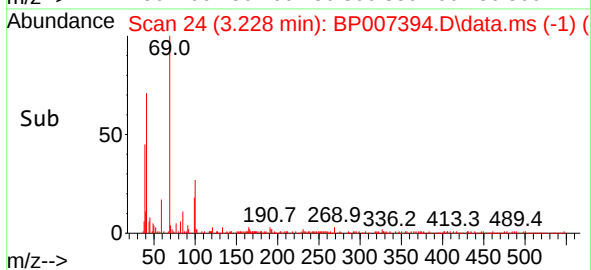
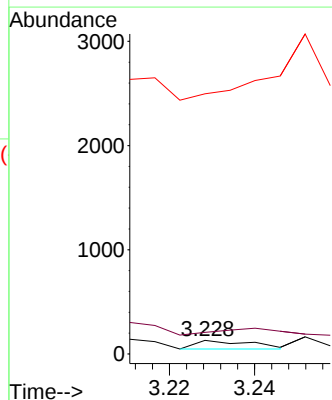
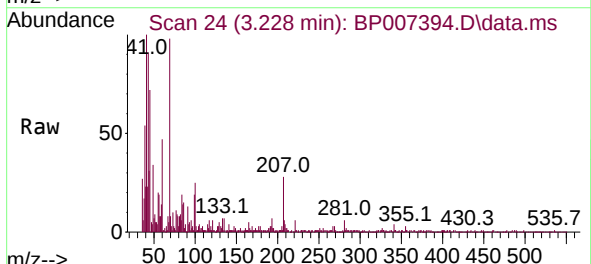
Instrument :
BNA_P
ClientSampled :
N-2

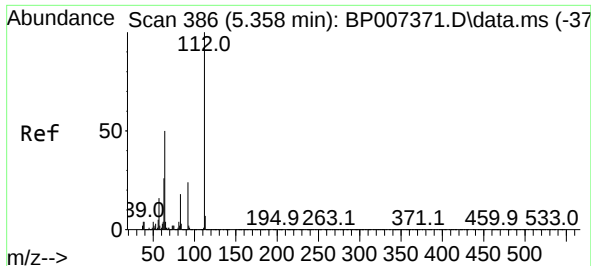
Tgt Ion:152 Resp: 143197
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 57.9 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.228 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
58 0.0 46.7 70.1#
43 0.0 20.3 30.5#

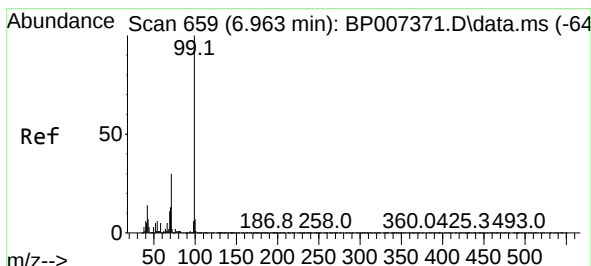
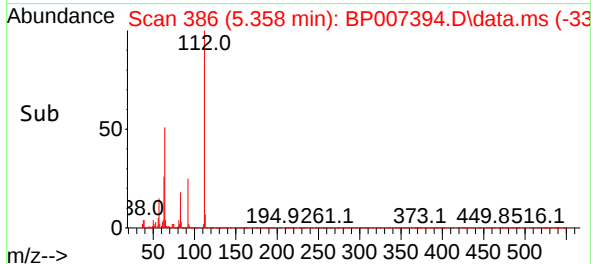
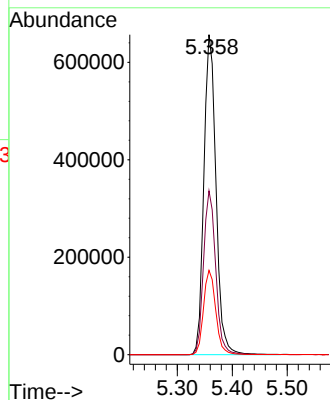
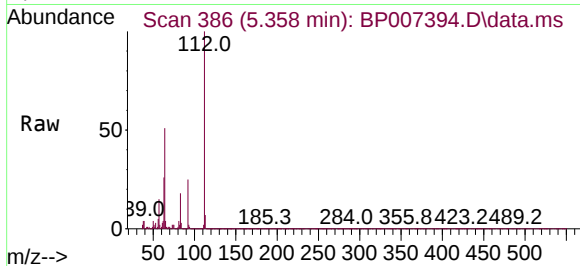




#5
2-Fluorophenol
Concen: 115.699 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

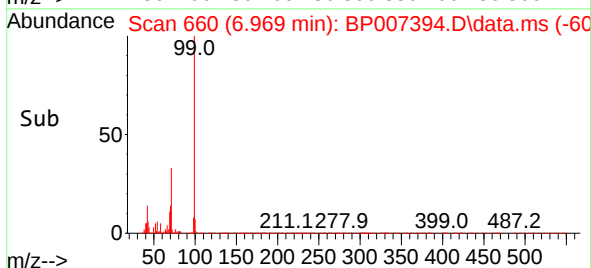
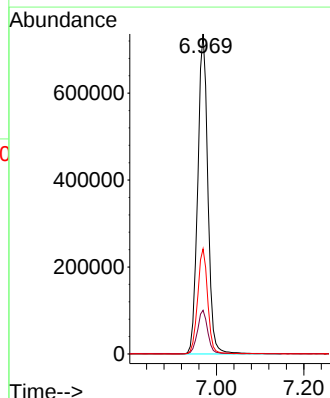
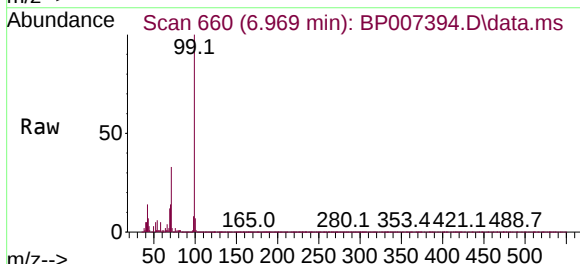
Instrument :
BNA_P
ClientSampleId :
N-2

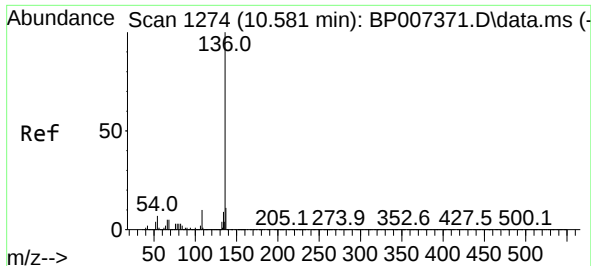
Tgt Ion:112 Resp: 1005481
Ion Ratio Lower Upper
112 100
64 51.2 41.4 62.2
63 26.4 23.8 35.8



#7
Phenol-d6
Concen: 101.682 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion: 99 Resp: 1186349
Ion Ratio Lower Upper
99 100
42 13.7 13.4 20.0
71 32.8 30.6 46.0

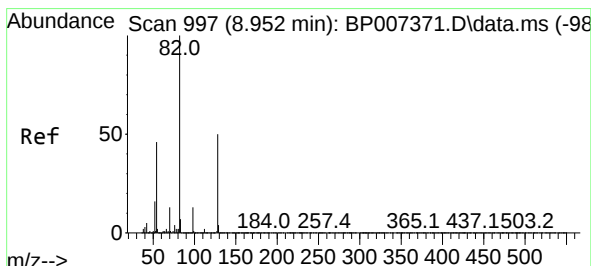
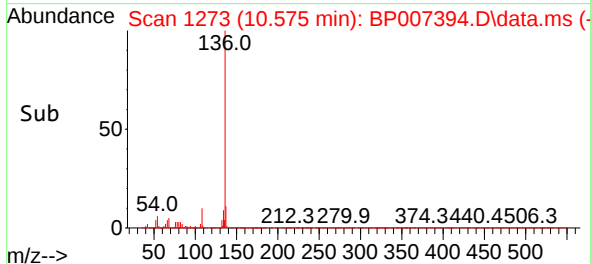
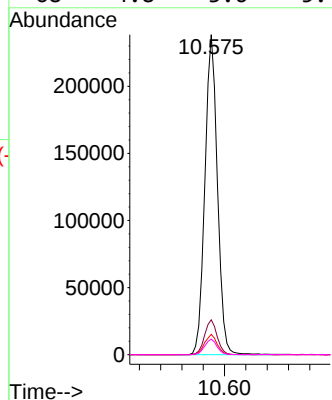
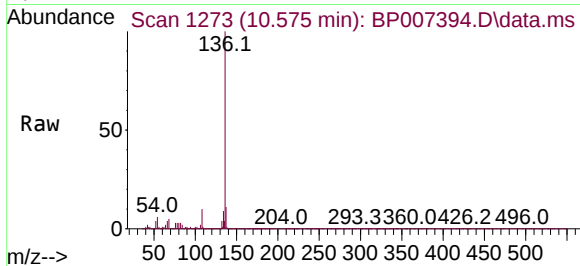




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

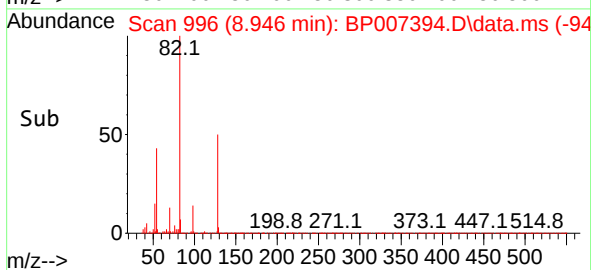
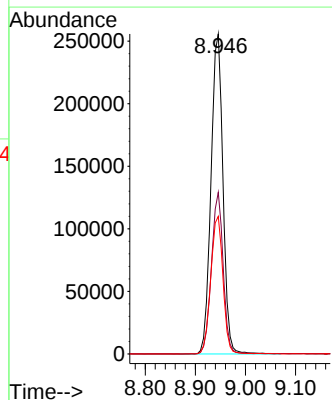
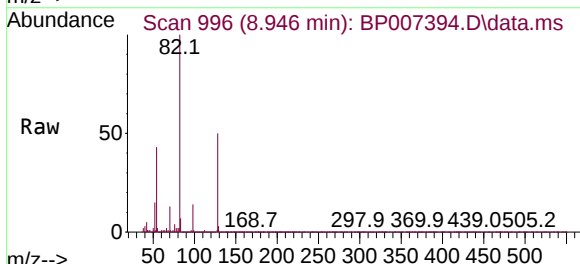
Instrument :
BNA_P
ClientSampleId :
N-2

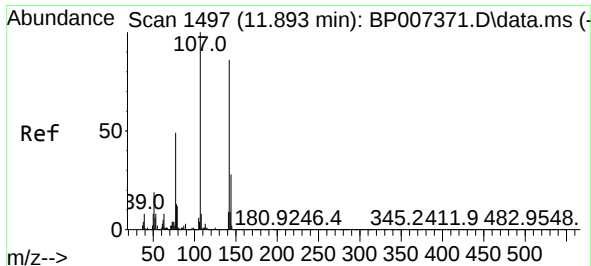
Tgt Ion:	136	Resp:	387623
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.4	4.6	6.8
68	4.8	3.6	5.4



#23
Nitrobenzene-d5
Concen: 64.474 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:	82	Resp:	424338
Ion	Ratio	Lower	Upper
82	100		
128	50.5	35.7	53.5
54	43.0	35.0	52.4

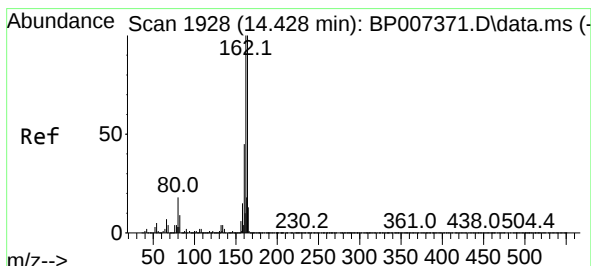
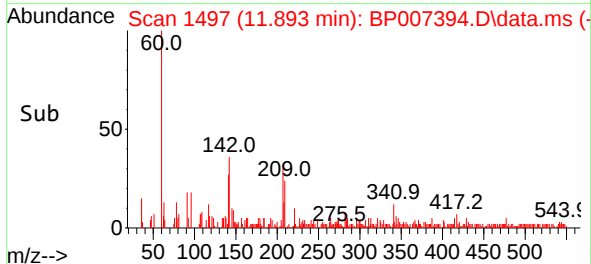
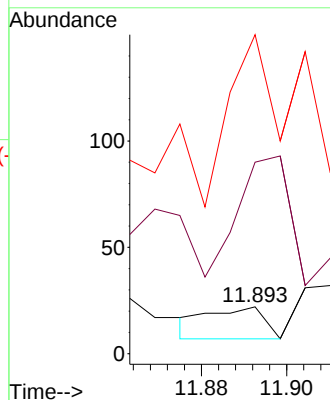
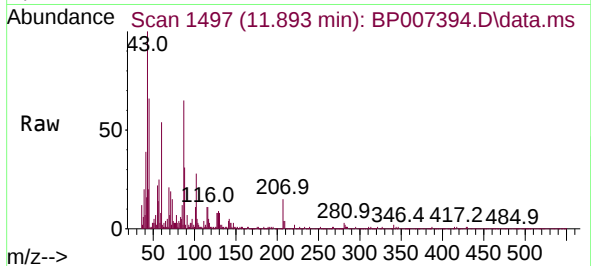




#36
4-Chloro-3-methylphenol
Concen: 2.320 ng
RT: 11.893 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

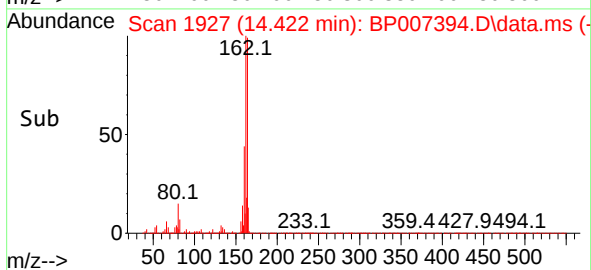
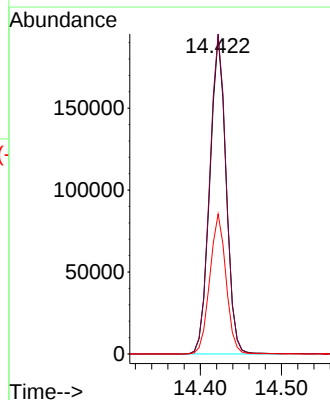
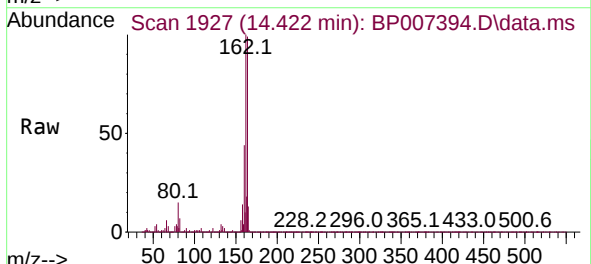
Instrument :
BNA_P
ClientSampled :
N-2

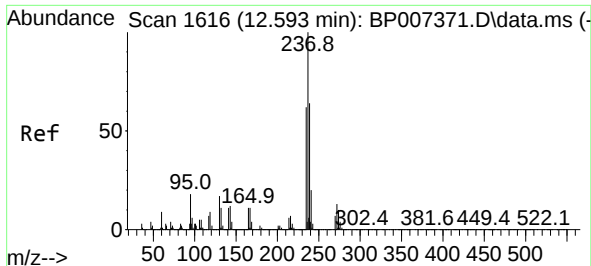
Tgt Ion:107 Resp: 14
Ion Ratio Lower Upper
107 100
144 204.5 21.1 31.7#
142 340.9 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:164 Resp: 269568
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.2 34.5 51.7

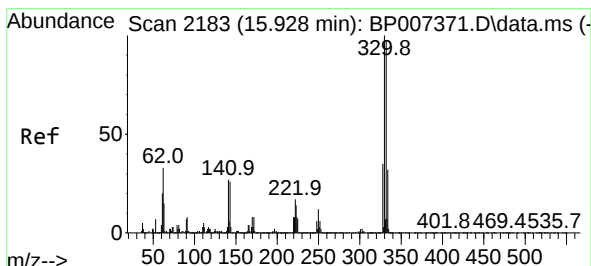
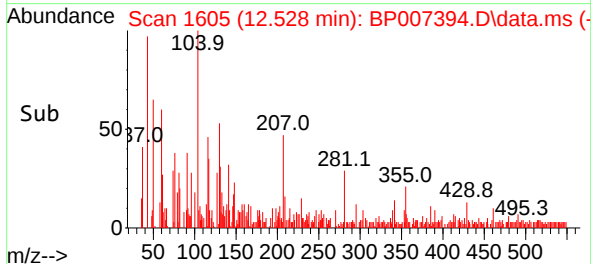
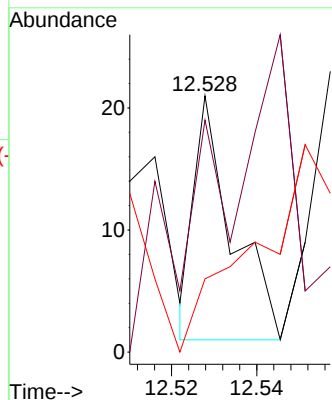
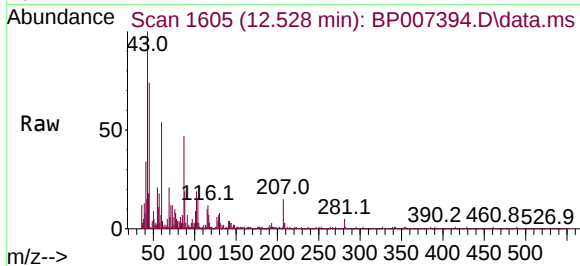




#41
Hexachlorocyclopentadiene
Concen: 6.057 ng
RT: 12.528 min Scan# 1605
Delta R.T. -0.065 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

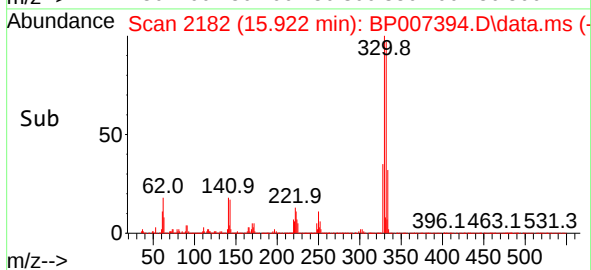
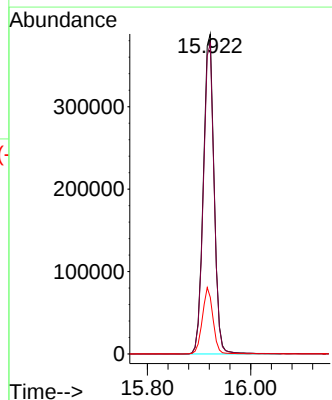
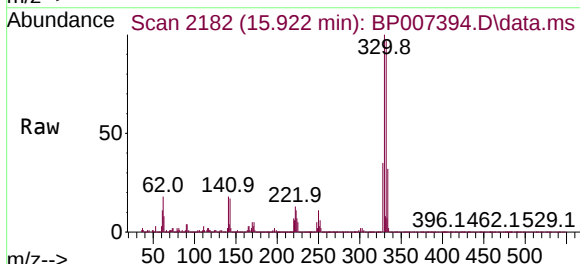
Instrument :
BNA_P
ClientSampled :
N-2

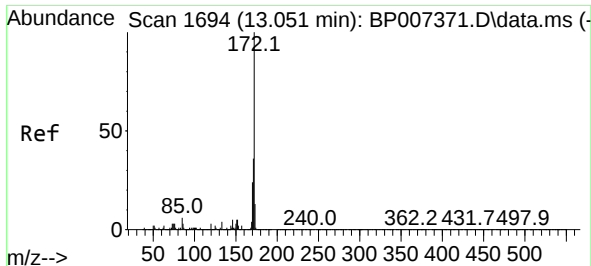
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	76.0	44.5	84.5
272	24.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 126.885 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:	330	Resp:	561062
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	20.4	25.4	38.2#

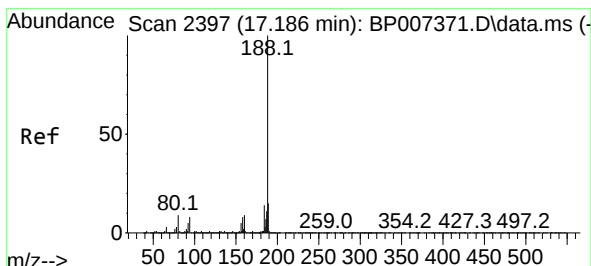
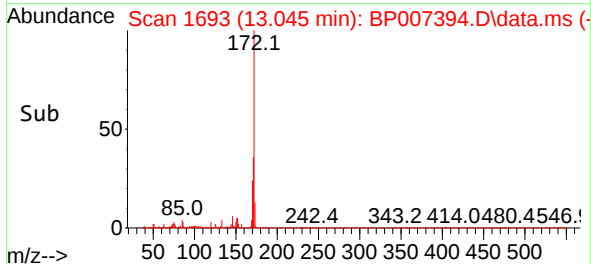
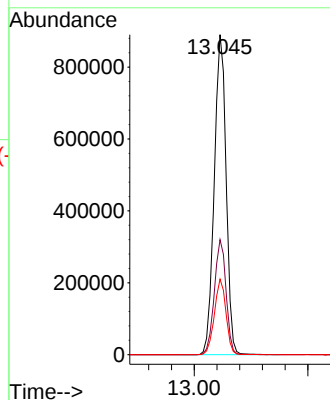
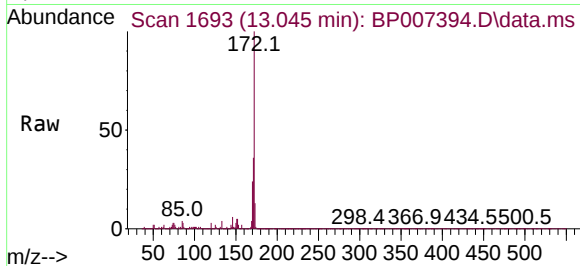




#45
2-Fluorobiphenyl
Concen: 66.601 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

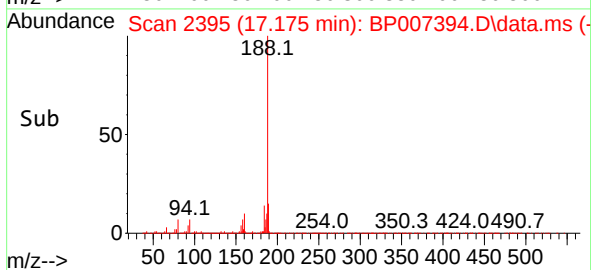
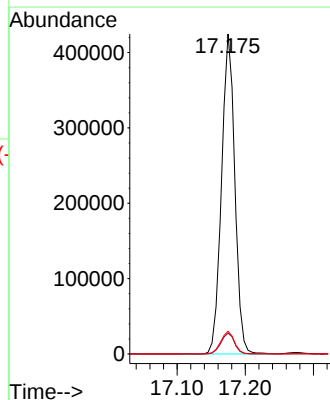
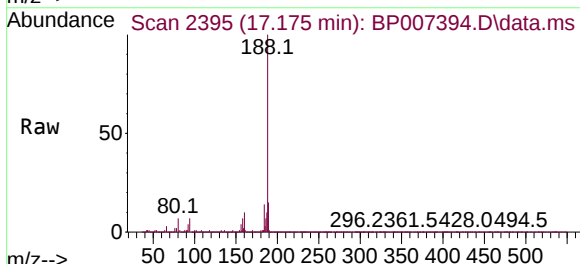
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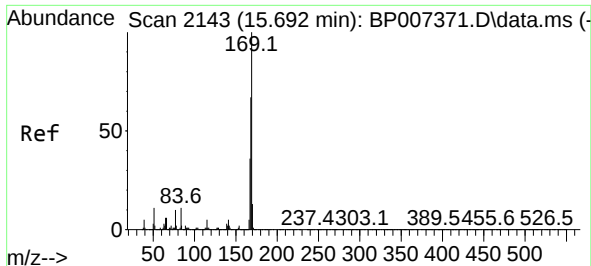
Tgt Ion:	172	Resp:	1284859
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	23.6	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:	188	Resp:	575967
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	7.1	6.3	9.5

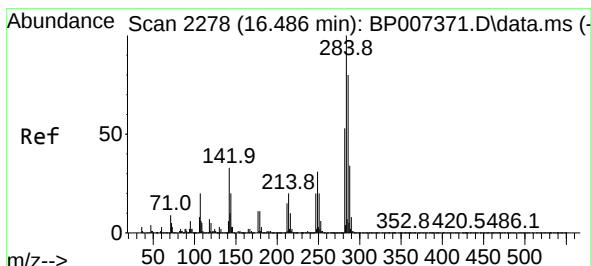
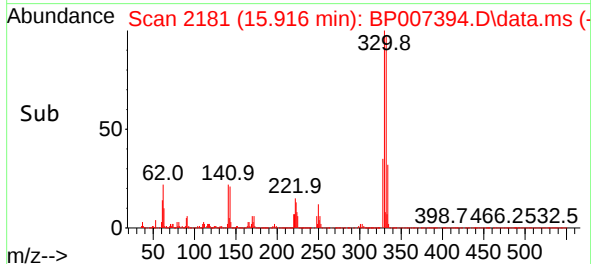
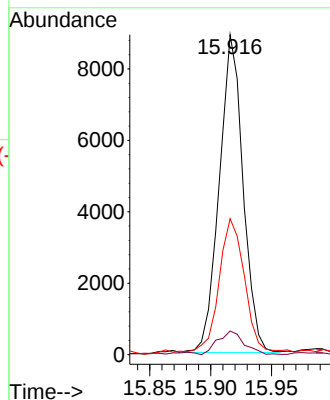
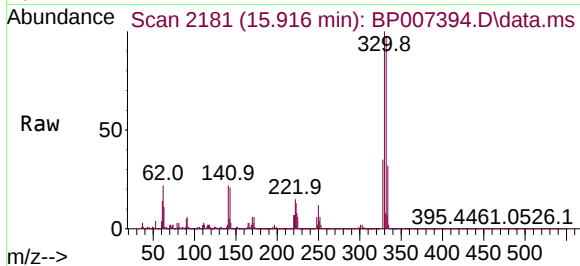




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

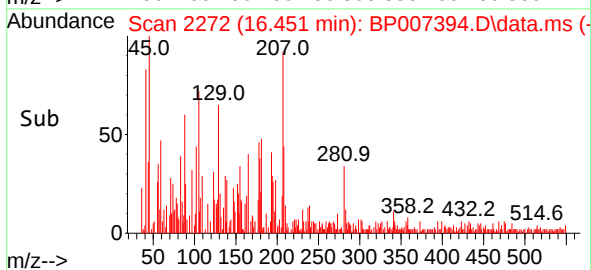
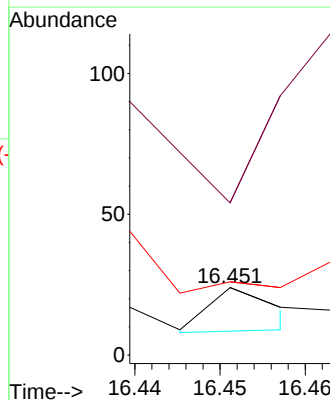
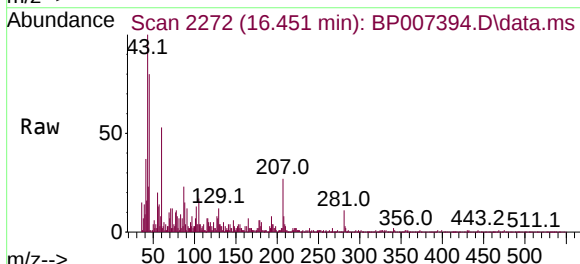
Instrument :
BNA_P
ClientSampleId :
N-2

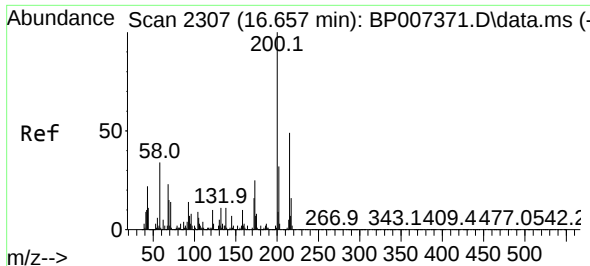
Tgt Ion:169 Resp: 12105
Ion Ratio Lower Upper
169 100
168 7.4 54.4 81.6#
167 42.5 29.0 43.6



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.451 min Scan# 2272
Delta R.T. -0.035 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 225.0 26.9 40.3#
249 108.3 24.5 36.7#

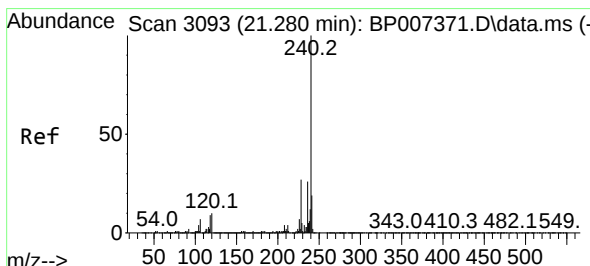
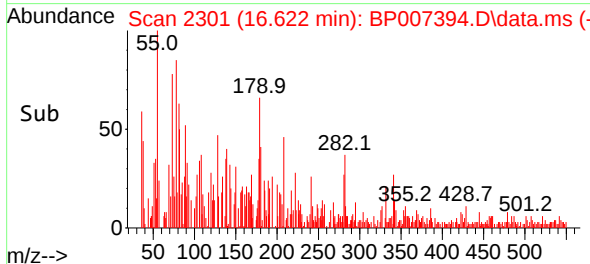
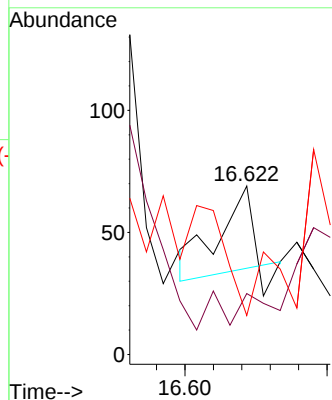
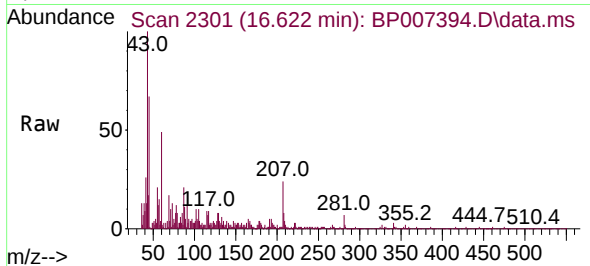




#69
Atrazine
Concen: Below Cal
RT: 16.622 min Scan# 2301
Delta R.T. -0.035 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

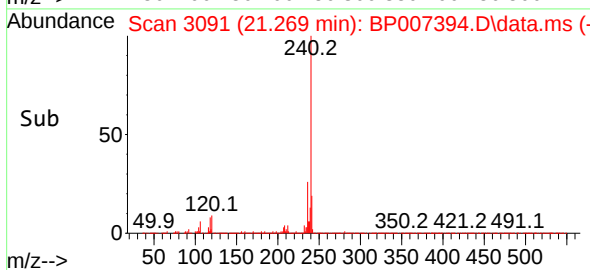
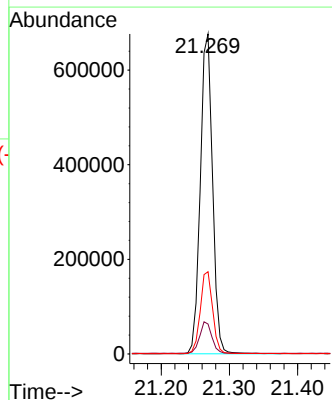
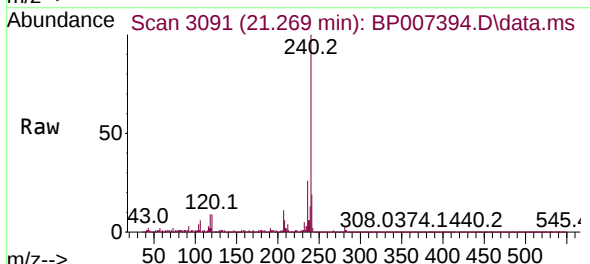
Instrument :
BNA_P
ClientSampled :
N-2

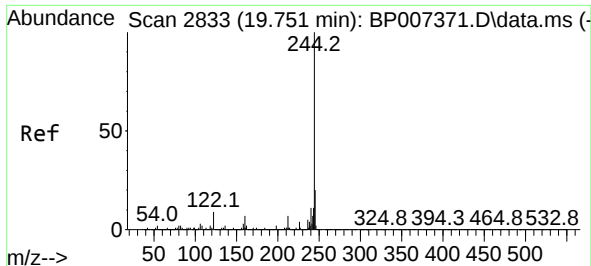
Tgt Ion:200 Resp: 25
Ion Ratio Lower Upper
200 100
173 36.2 4.1 44.1
215 23.2 27.7 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:240 Resp: 843218
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.7 20.6 31.0

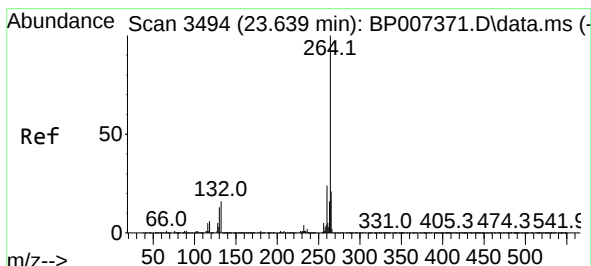
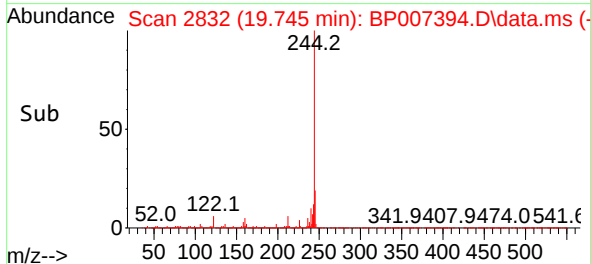
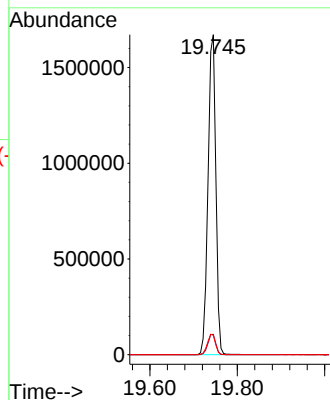
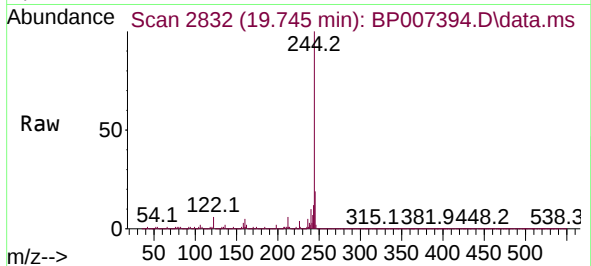




#79
 Terphenyl-d14
 Concen: 43.550 ng
 RT: 19.745 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BP007394.D
 Acq: 09 Oct 2021 02:40

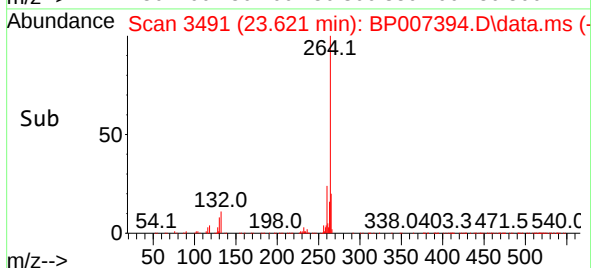
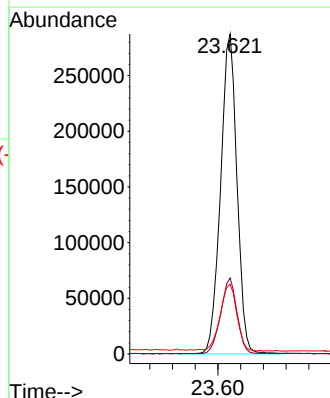
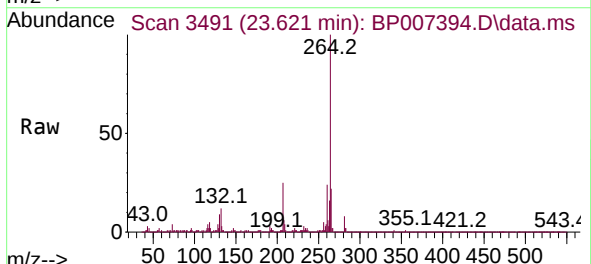
Instrument :
 BNA_P
 ClientSampled :
 N-2

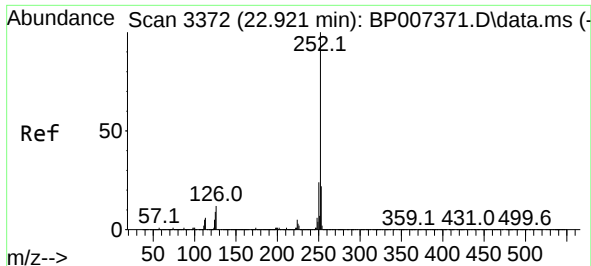
Tgt Ion:244 Resp: 2082028
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 6.0 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3491
 Delta R.T. -0.018 min
 Lab File: BP007394.D
 Acq: 09 Oct 2021 02:40

Tgt Ion:264 Resp: 576981
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.8 17.6 26.4

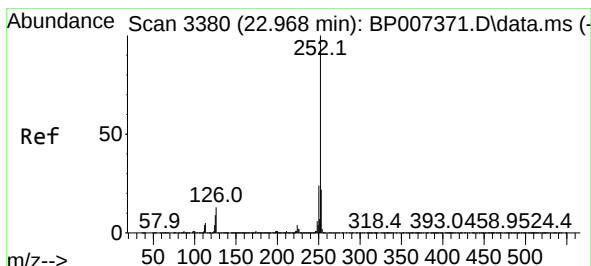
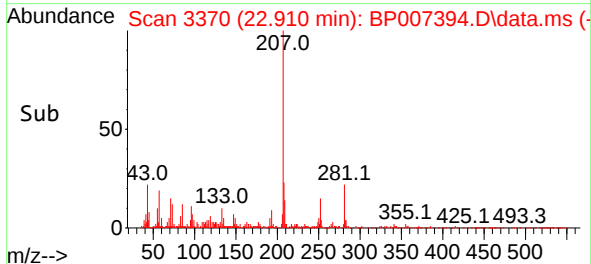
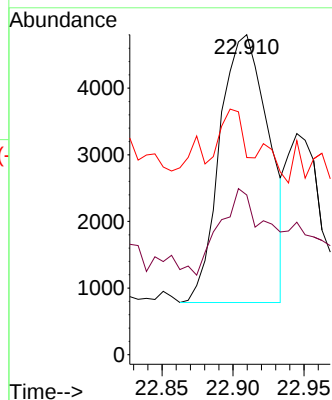
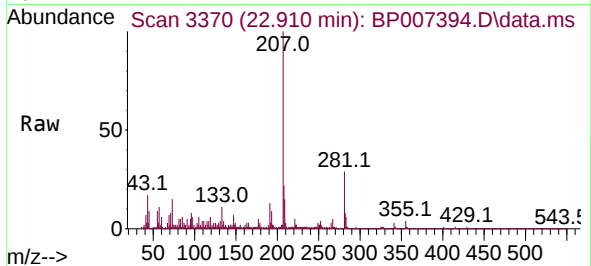




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007394.D
Acq: 09 Oct 2021 02:40

Instrument :
BNA_P
ClientSampled :
N-2

Tgt Ion:252 Resp: 9613
Ion Ratio Lower Upper
252 100
253 49.9 17.5 26.3#
125 61.6 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: BP007394.D
Acq: 09 Oct 2021 02:40

Tgt Ion:252 Resp: 9613
Ion Ratio Lower Upper
252 100
253 49.9 17.6 26.4#
125 61.6 6.0 9.0#

