

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007392.D
 Acq On : 09 Oct 2021 01:32
 Operator : CG/JU
 Sample : M4112-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2-CURB

Quant Time: Oct 09 06:21:02 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)

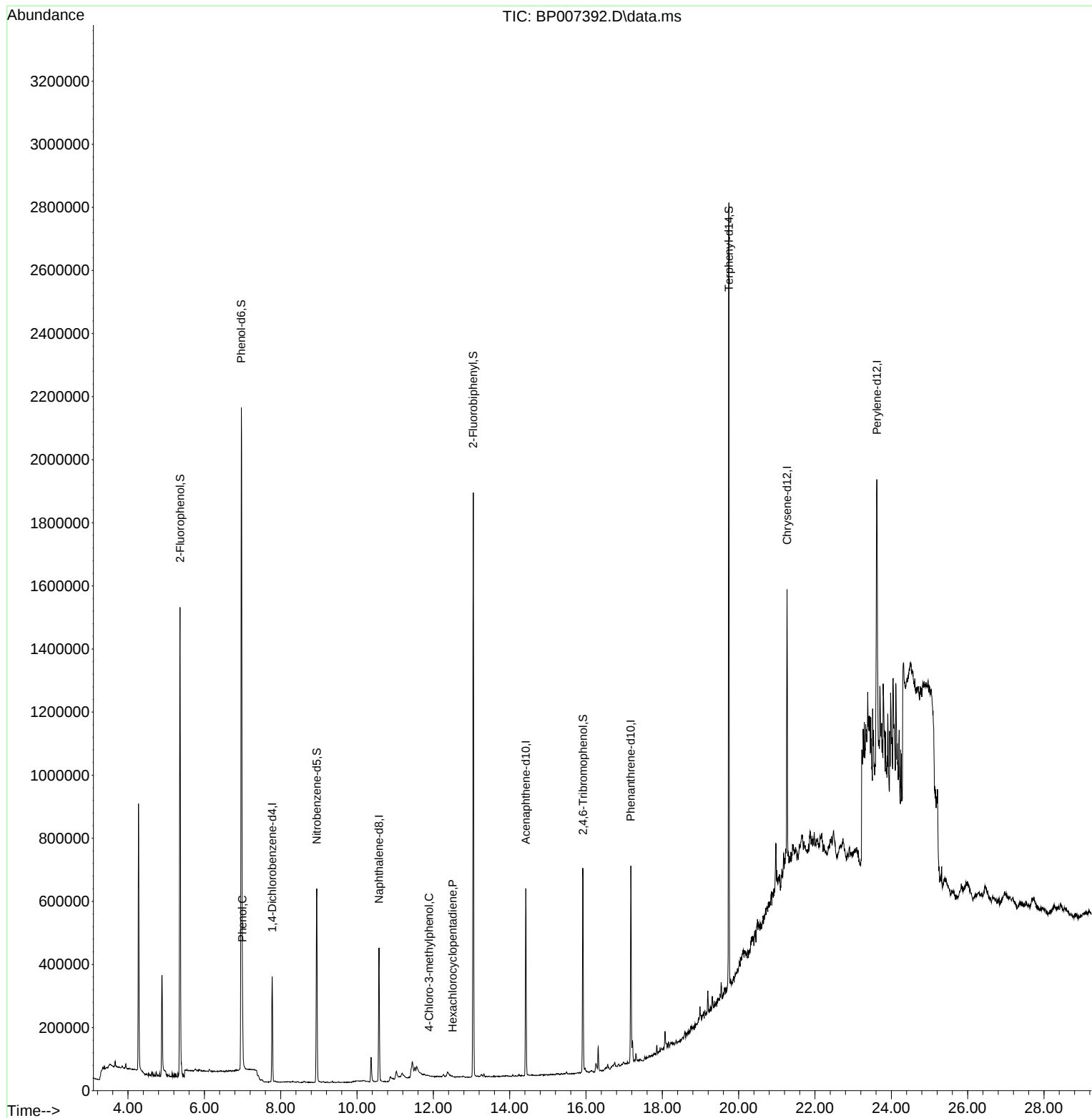
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	100473	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	368335	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	215967	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	380162	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	415191	20.000	ng	-0.01
86) Perylene-d12	23.621	264	668841	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	716851	117.563	ng	0.00
7) Phenol-d6	6.969	99	1353960	165.395	ng	0.00
23) Nitrobenzene-d5	8.946	82	355657	56.869	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	164246	46.364	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	992481	64.214	ng	0.00
79) Terphenyl-d14	19.745	244	1260674	53.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	39	Below Cal	#	1
10) Phenol	6.999	94	88353	11.287	ng	98
36) 4-Chloro-3-methylphenol	11.887	107	80	2.330	ng	# 1
41) Hexachlorocyclopentadiene	12.504	237	36	6.067	ng	87
66) n-Nitrosodiphenylamine	15.828	169	135	Below Cal	#	76
68) Hexachlorobenzene	16.522	284	57	Below Cal	#	1
69) Atrazine	16.704	200	85	Below Cal	#	1
88) Benzo(b)fluoranthene	22.904	252	22396	Below Cal	#	57
89) Benzo(k)fluoranthene	22.904	252	22396	Below Cal	#	58

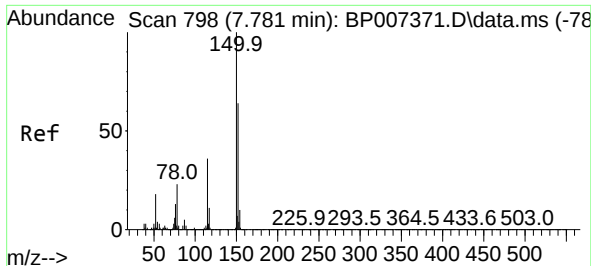
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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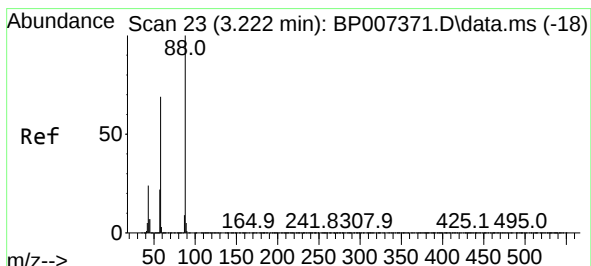
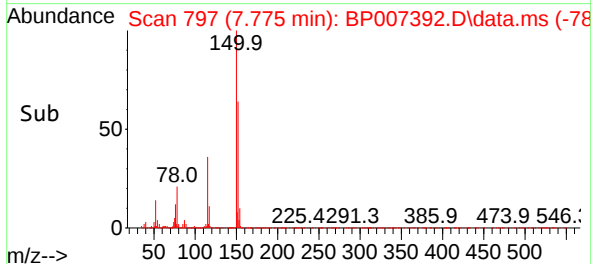
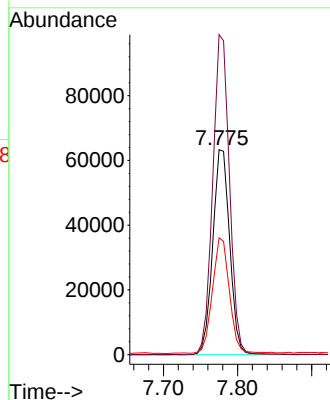
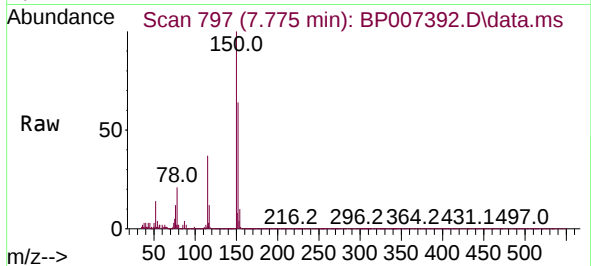




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

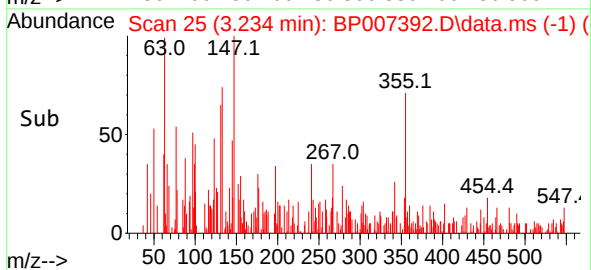
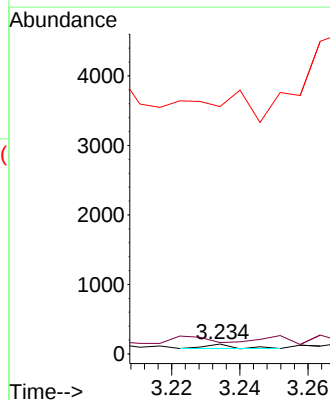
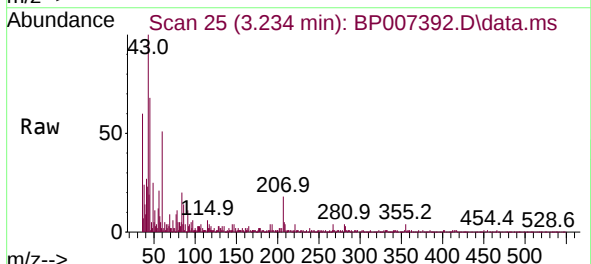
Instrument :
BNA_P
ClientSampleId :
2-CURB

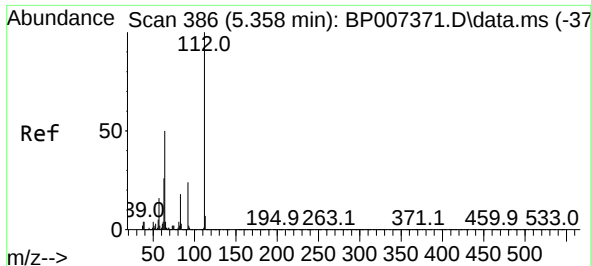
Tgt Ion:152 Resp: 100473
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 57.0 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 25
Delta R.T. 0.012 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
58 382.1 46.7 70.1#
43 0.0 20.3 30.5#

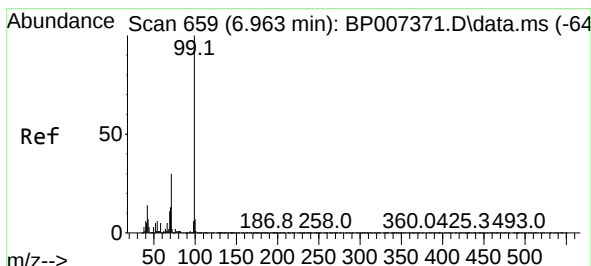
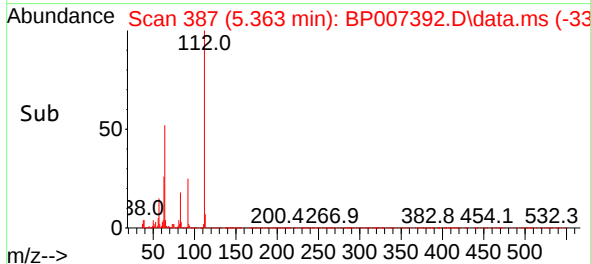
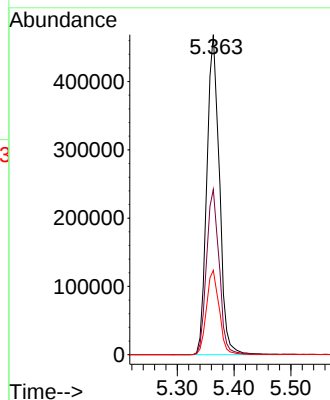
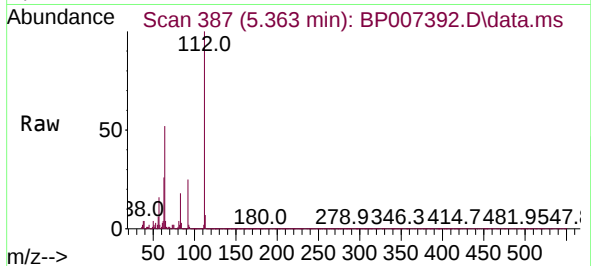




#5
2-Fluorophenol
Concen: 117.563 ng
RT: 5.363 min Scan# 387
Delta R.T. 0.005 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

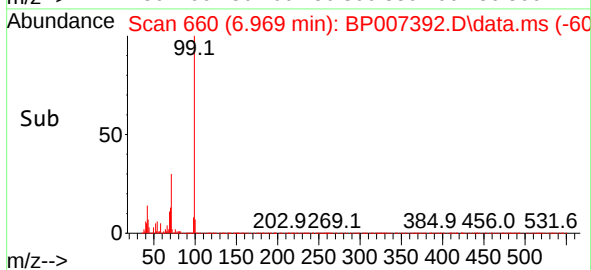
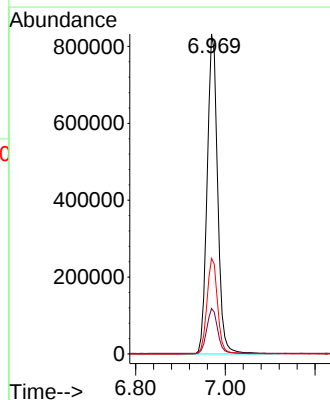
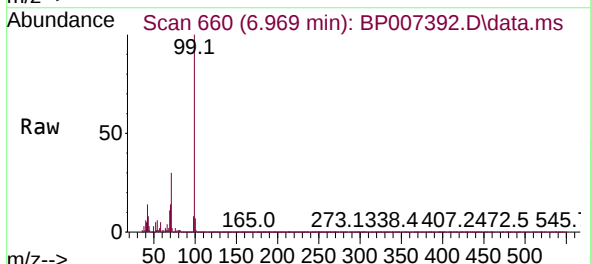
Instrument :
BNA_P
ClientSampleId :
2-CURB

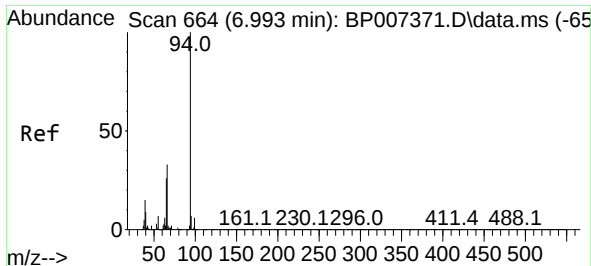
Tgt Ion:112 Resp: 716851
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.3 23.8 35.8



#7
Phenol-d6
Concen: 165.395 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion: 99 Resp: 1353960
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 29.9 30.6 46.0#

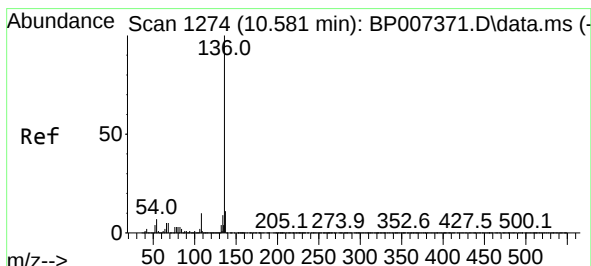
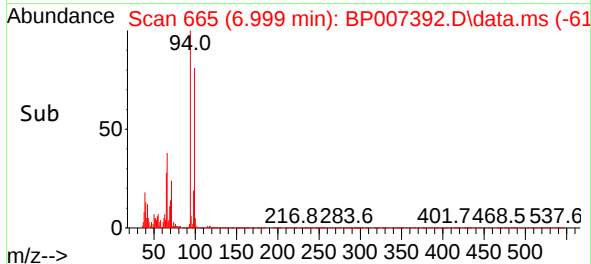
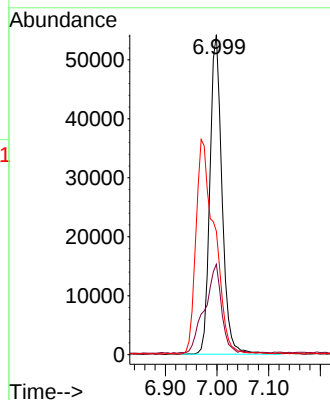
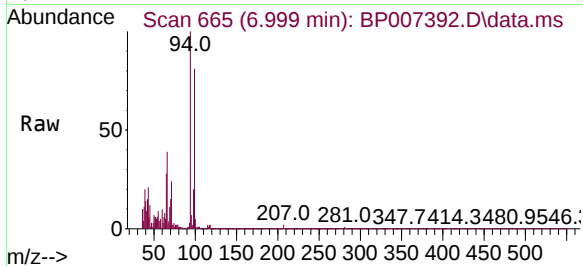




#10
Phenol
Concen: 11.287 ng
RT: 6.999 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

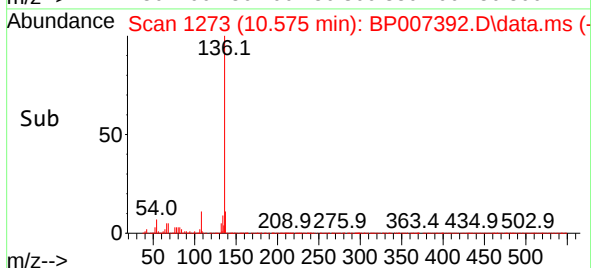
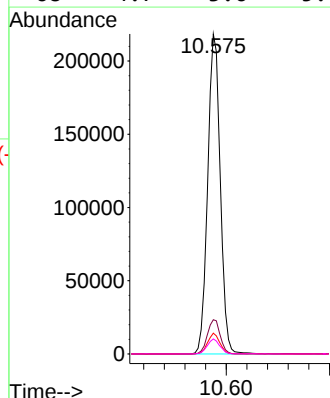
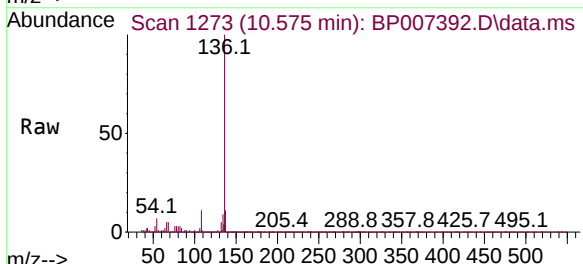
Instrument :
BNA_P
ClientSampleId :
2-CURB

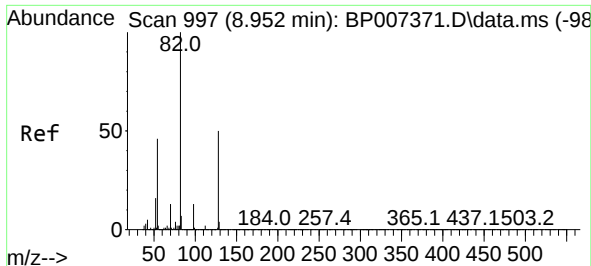
Tgt Ion:	94	Resp:	88353
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.8	48.8
66	38.6	20.7	60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:	136	Resp:	368335
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.5	4.6	6.8
68	4.7	3.6	5.4

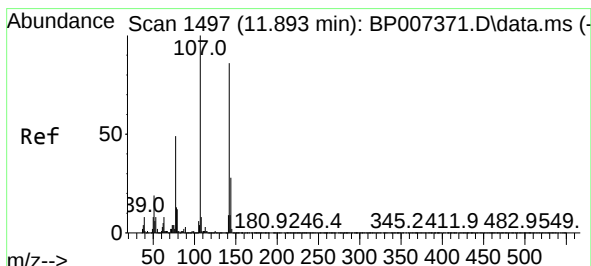
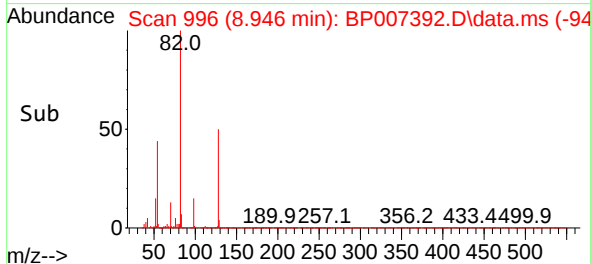
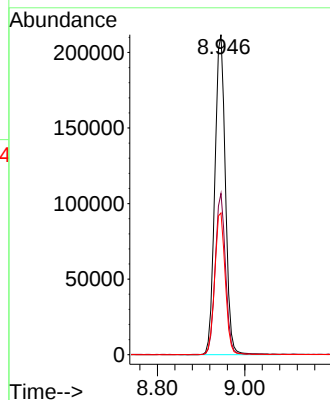
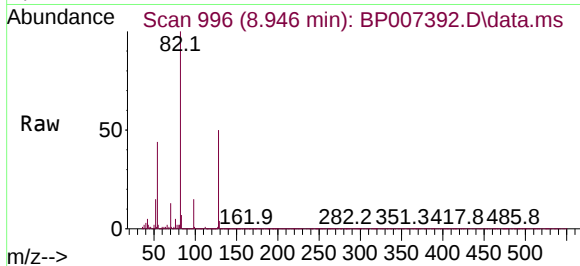




#23
Nitrobenzene-d5
Concen: 56.869 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

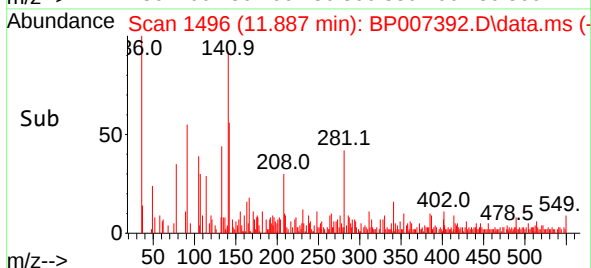
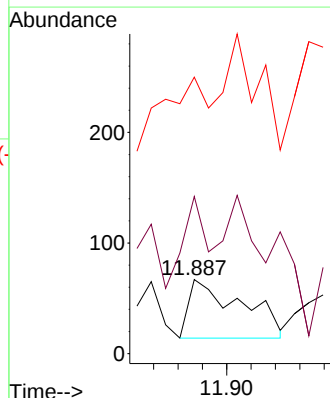
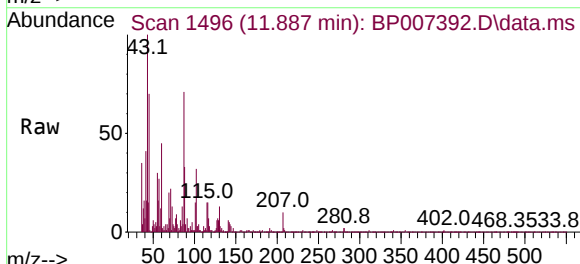
Instrument :
BNA_P
ClientSampleId :
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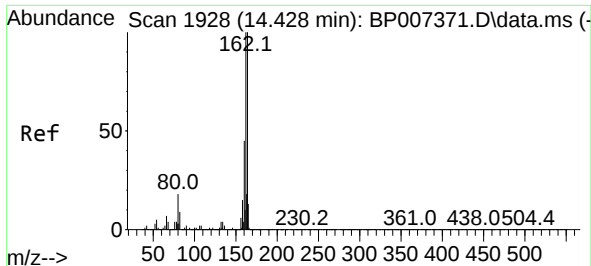
Tgt Ion: 82 Resp: 355657
Ion Ratio Lower Upper
82 100
128 50.4 35.7 53.5
54 44.3 35.0 52.4



#36
4-Chloro-3-methylphenol
Concen: 2.330 ng
RT: 11.887 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion: 107 Resp: 80
Ion Ratio Lower Upper
107 100
144 211.9 21.1 31.7#
142 373.1 66.0 99.0#

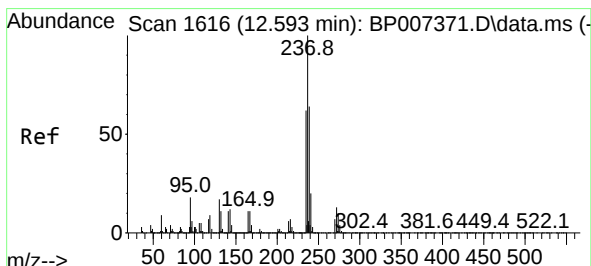
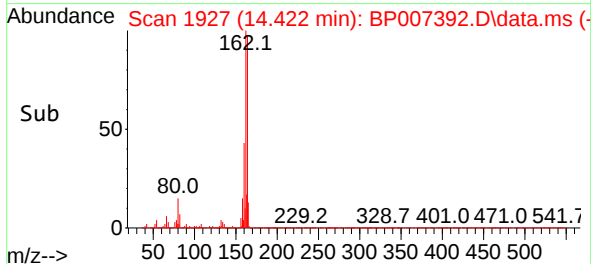
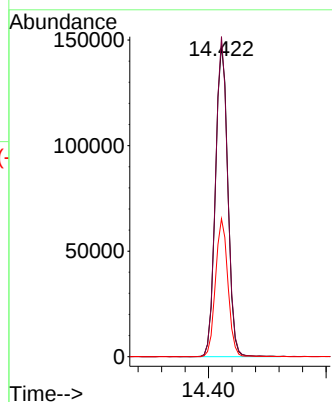
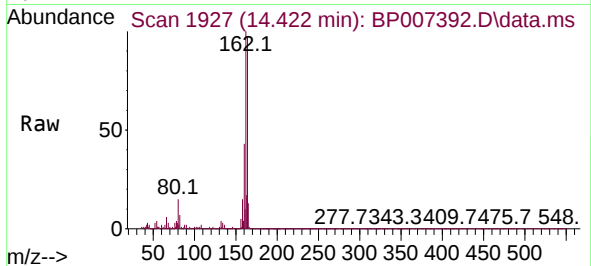




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

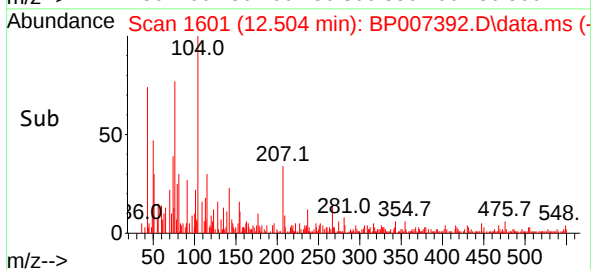
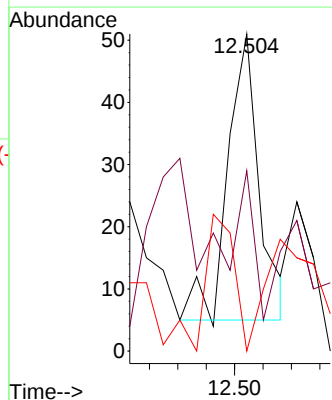
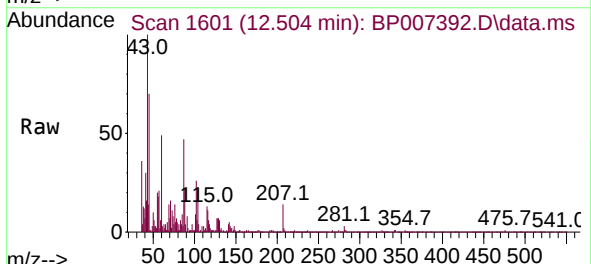
Instrument :
BNA_P
ClientSampleId :
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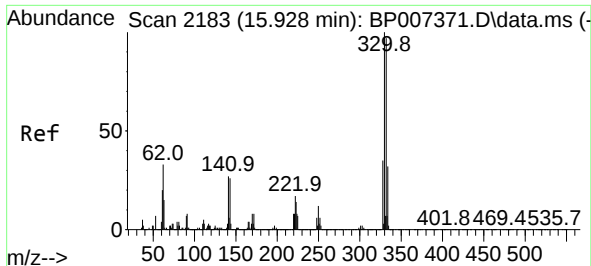
Tgt Ion:164	Resp:	215967
Ion Ratio	Lower	Upper
164	100	
162	102.9	80.2 120.2
160	44.3	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 6.067 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.089 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:237	Resp:	36
Ion Ratio	Lower	Upper
237	100	
235	56.9	44.5 84.5
272	0.0	0.0 32.5

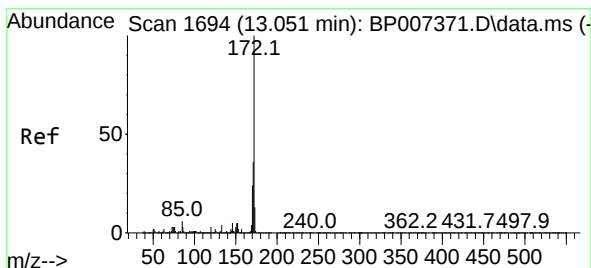
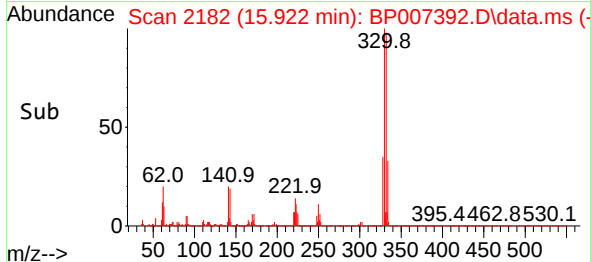
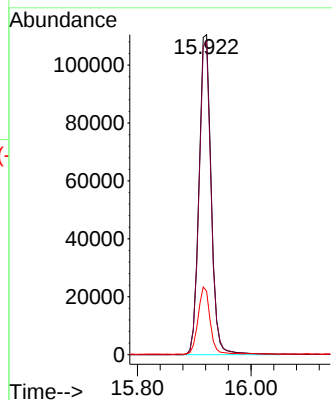
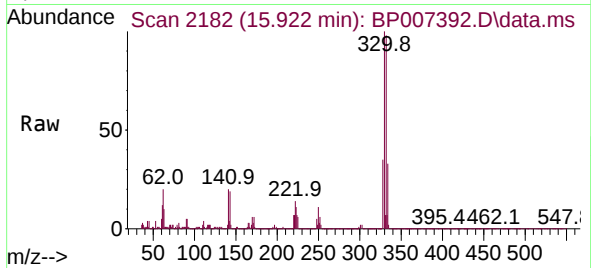




#42
2,4,6-Tribromophenol
Concen: 46.364 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

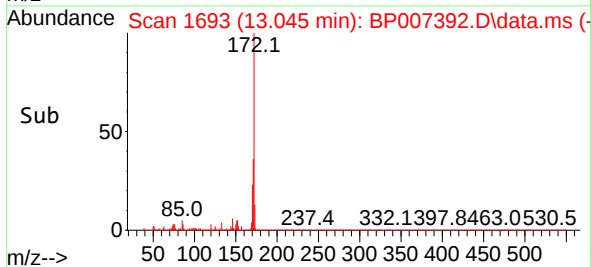
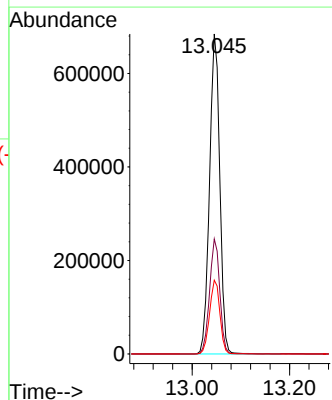
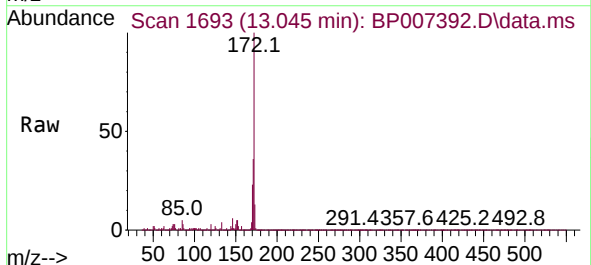
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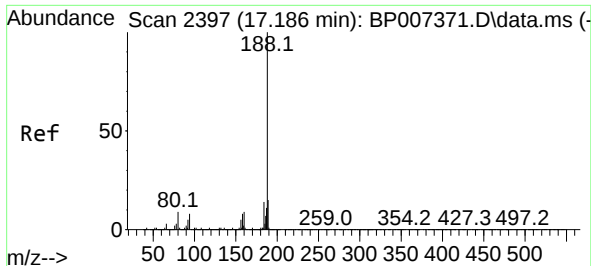
Tgt Ion:330 Resp: 164246
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 21.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 64.214 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:172 Resp: 992481
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.1 18.6 27.8

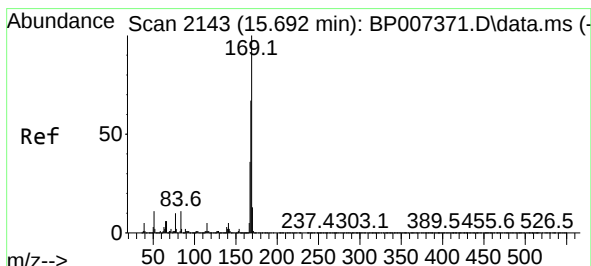
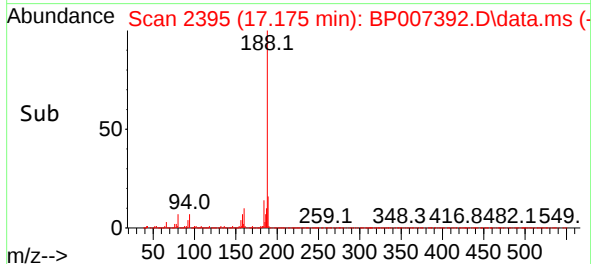
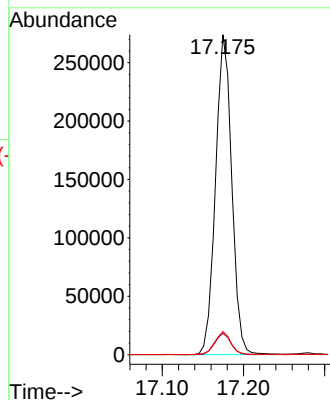
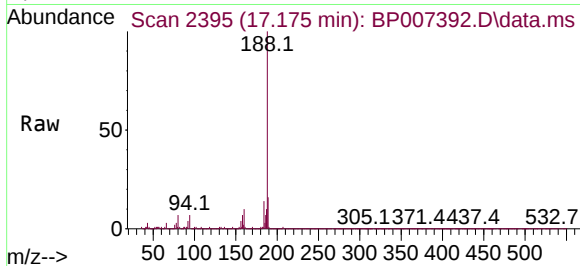




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

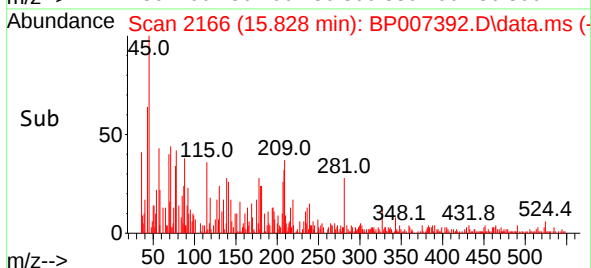
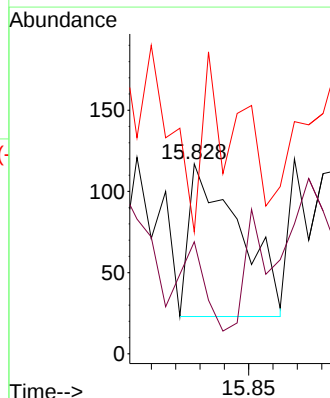
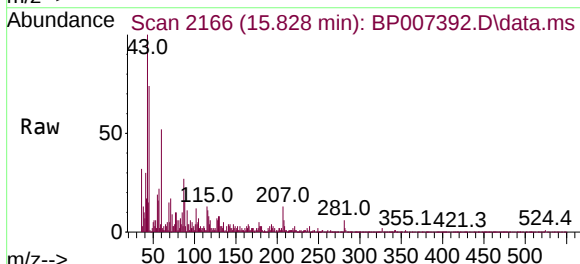
Instrument :
BNA_P
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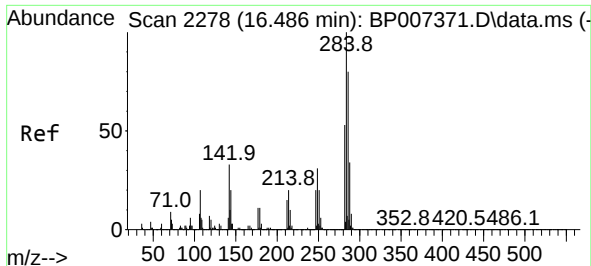
Tgt Ion:188 Resp: 380162
Ion Ratio Lower Upper
188 100
94 6.7 5.6 8.4
80 7.2 6.3 9.5



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.828 min Scan# 2166
Delta R.T. 0.136 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:169 Resp: 135
Ion Ratio Lower Upper
169 100
168 59.0 54.4 81.6
167 64.1 29.0 43.6#

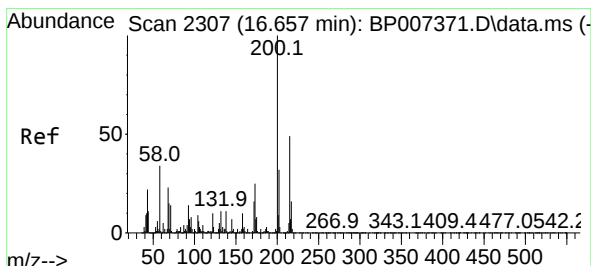
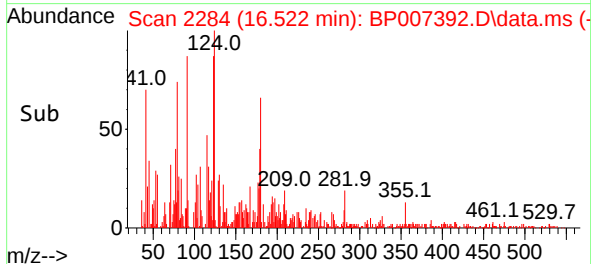
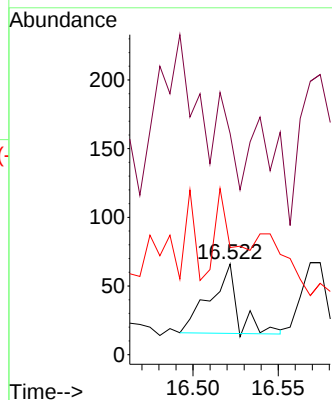
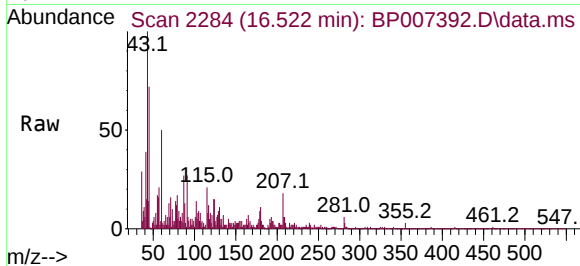




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.522 min Scan# 2284
Delta R.T. 0.036 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

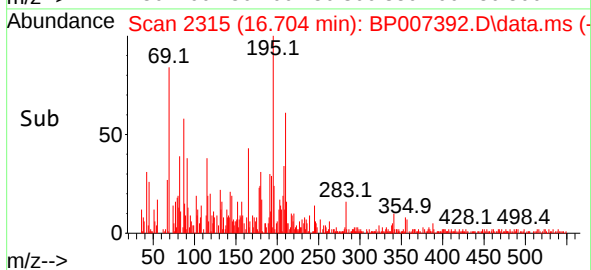
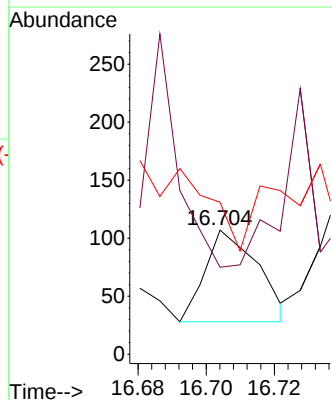
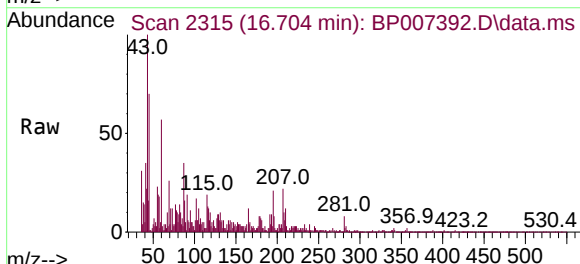
Instrument :
BNA_P
ClientSampled :
2-CURB

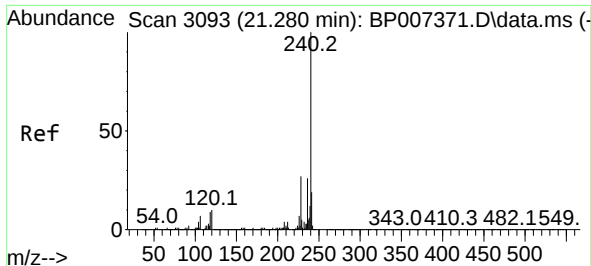
Tgt Ion:284 Resp: 57
Ion Ratio Lower Upper
284 100
142 243.9 26.9 40.3#
249 118.2 24.5 36.7#



#69
Atrazine
Concen: Below Cal
RT: 16.704 min Scan# 2315
Delta R.T. 0.047 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:200 Resp: 85
Ion Ratio Lower Upper
200 100
173 70.1 4.1 44.1#
215 122.4 27.7 67.7#

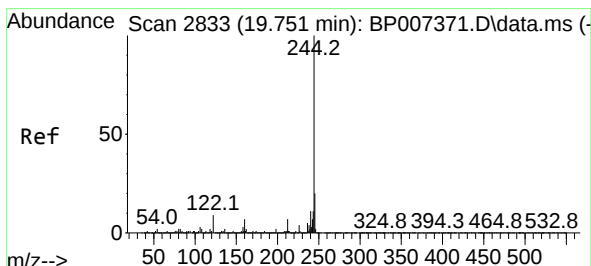
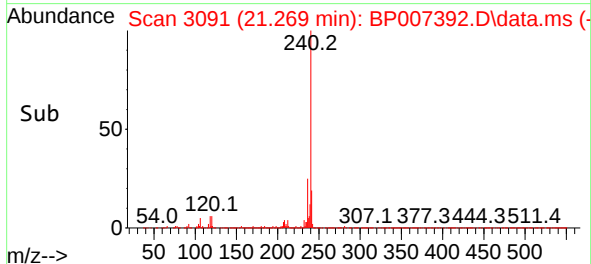
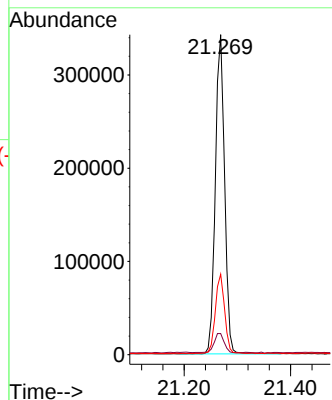
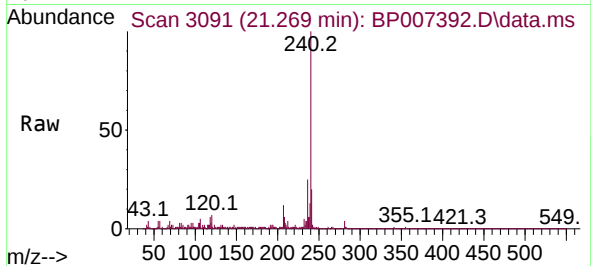




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

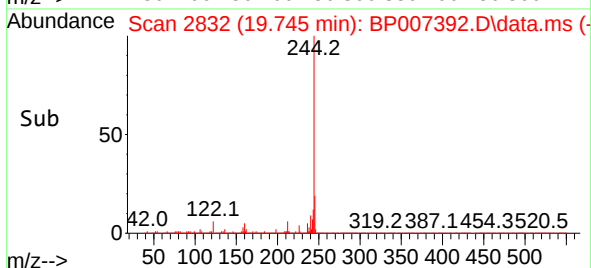
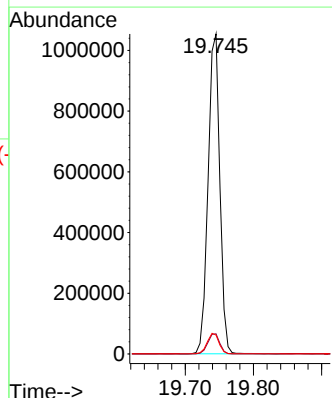
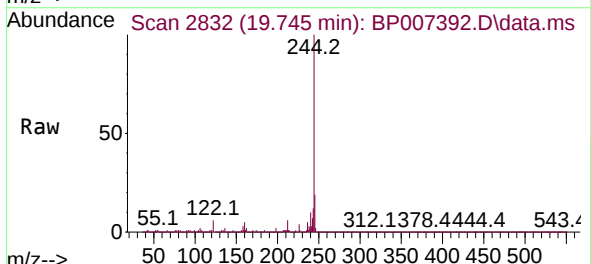
Instrument :
BNA_P
ClientSampleId :
2-CURB

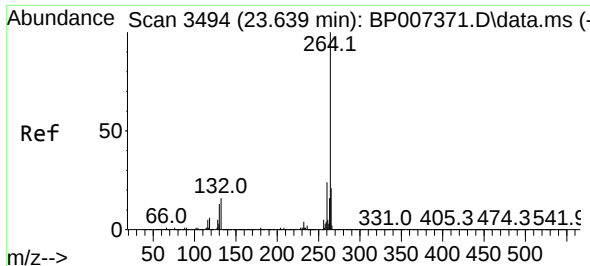
Tgt Ion:240 Resp: 415191
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 25.2 20.6 31.0



#79
Terphenyl-d14
Concen: 53.555 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:244 Resp: 1260674
Ion Ratio Lower Upper
244 100
212 6.3 6.0 9.0
122 5.9 7.1 10.7#

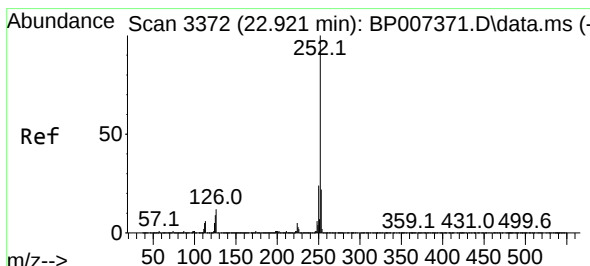
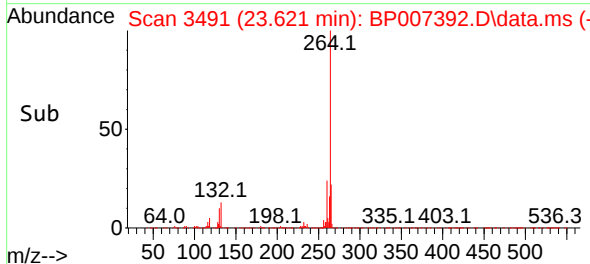
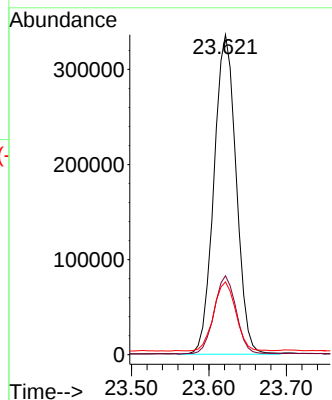
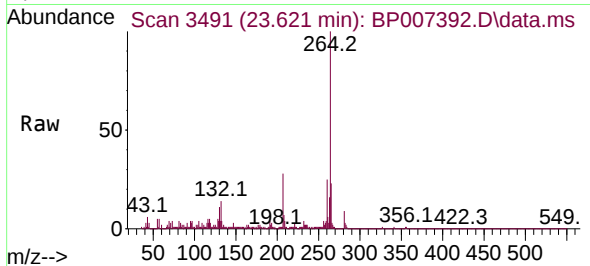




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

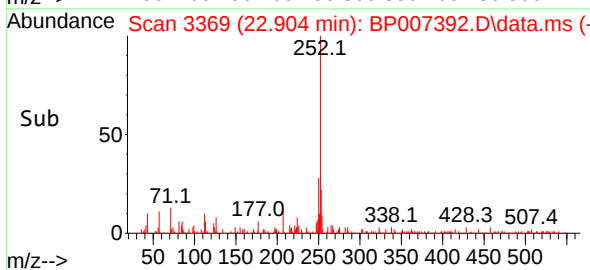
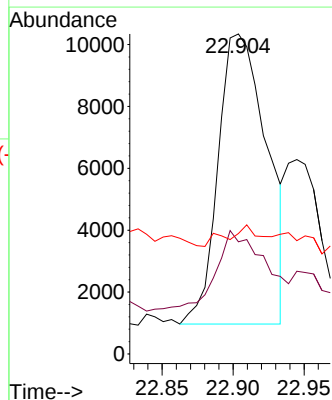
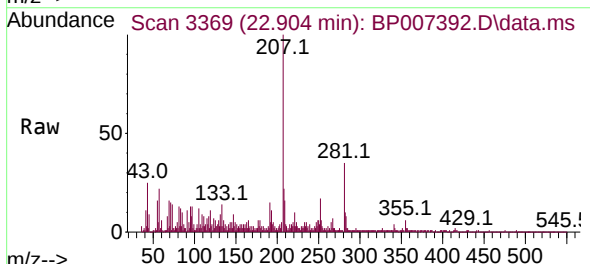
Instrument :
BNA_P
ClientSampled :
2-CURB

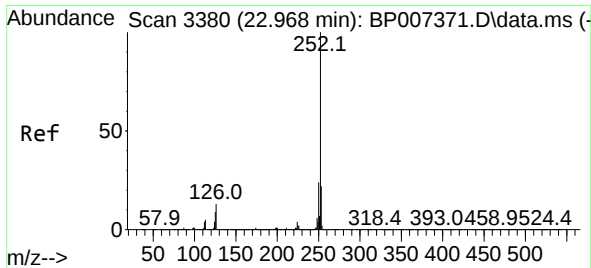
Tgt Ion:	264	Resp:	668841
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.6	28.0
265	22.7	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007392.D
Acq: 09 Oct 2021 01:32

Tgt Ion:	252	Resp:	22396
Ion Ratio	Lower	Upper	
252	100		
253	35.0	17.5	26.3#
125	37.7	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.904 min Scan# 3369

Delta R.T. -0.064 min

Lab File: BP007392.D

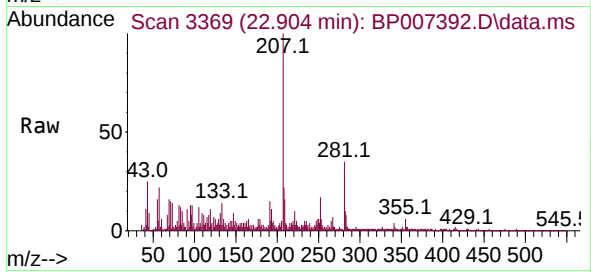
Acq: 09 Oct 2021 01:32

Instrument :

BNA_P

ClientSampleId :

2-CURB



Tgt Ion:252 Resp: 22396

Ion Ratio Lower Upper

252 100

253 35.0 17.6 26.4#

125 37.7 6.0 9.0#

