

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007389.D
 Acq On : 08 Oct 2021 23:50
 Operator : CG/JU
 Sample : M4112-02 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1-ENTRANCE

Quant Time: Oct 09 06:20:21 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)

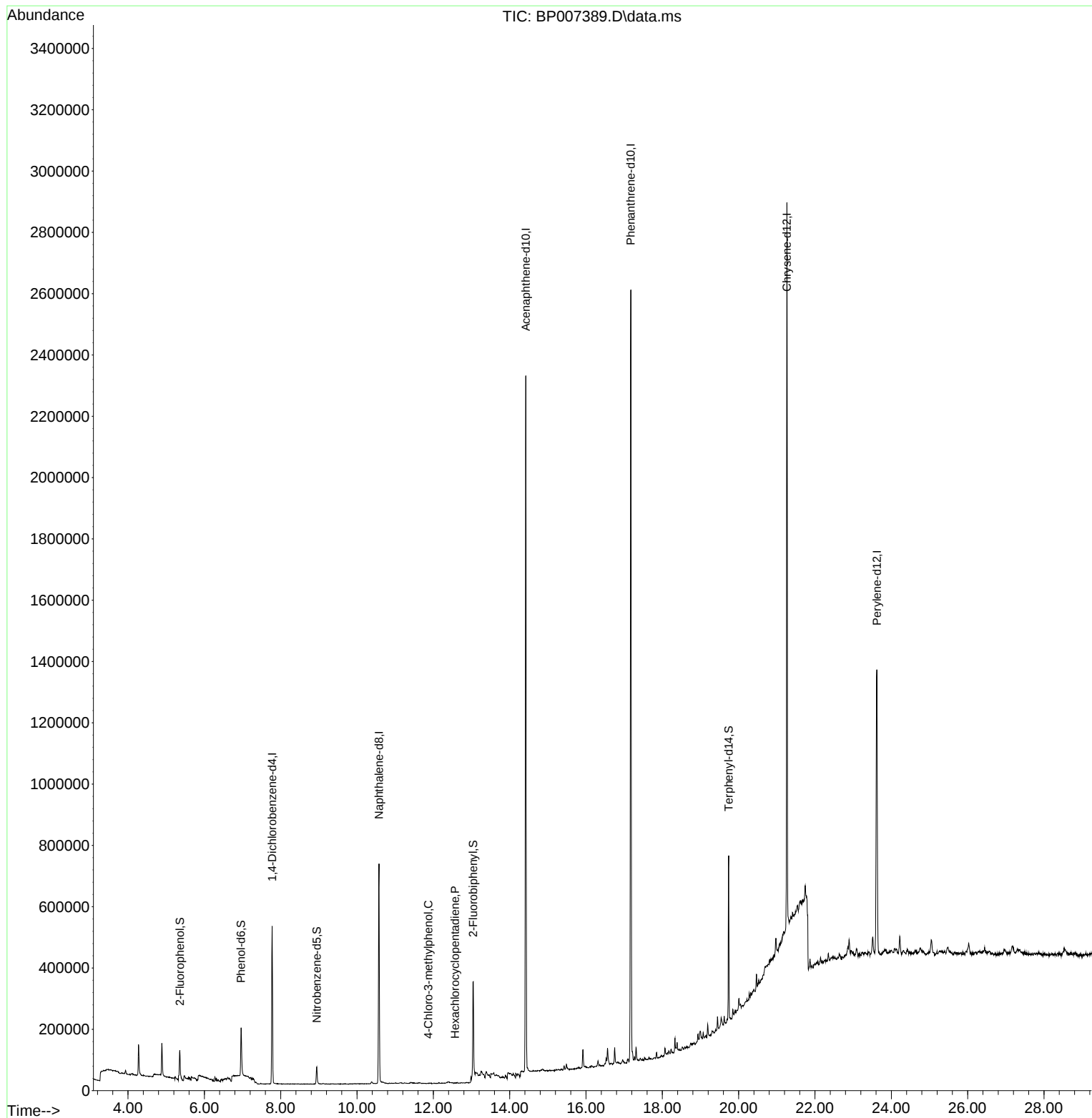
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	148955	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	611447	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	796599	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1553251	20.000	ng	#-0.01
76) Chrysene-d12	21.263	240	1108103	20.000	ng	#-0.02
86) Perylene-d12	23.621	264	777784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	46798	5.177	ng	0.00
7) Phenol-d6	6.964	99	108100	8.907	ng	0.00
23) Nitrobenzene-d5	8.946	82	35890	3.457	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	12652	0.968	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	182178	3.196	ng	0.00
79) Terphenyl-d14	19.739	244	247842	3.945	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	108	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.869	107	30	2.320	ng	# 42
41) Hexachlorocyclopentadiene	12.569	237	18	6.056	ng	76
66) n-Nitrosodiphenylamine	15.698	169	149	Below Cal	#	79
68) Hexachlorobenzene	16.469	284	12	Below Cal	#	1
69) Atrazine	16.634	200	207	Below Cal	#	55
88) Benzo(b)fluoranthene	22.904	252	10748	Below Cal	#	46
89) Benzo(k)fluoranthene	22.904	252	10748	Below Cal	#	46

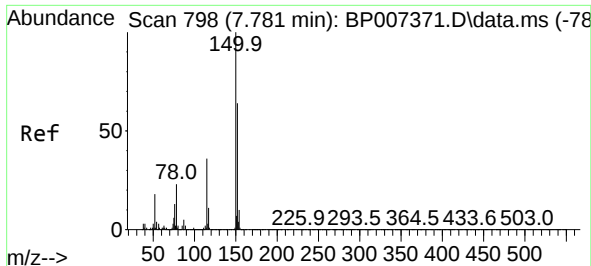
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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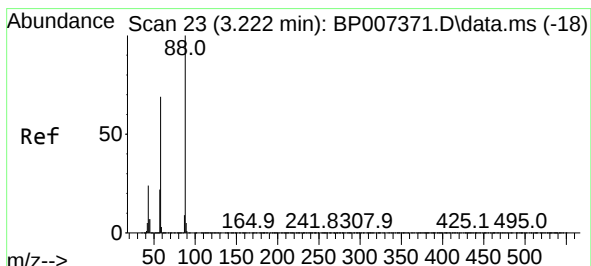
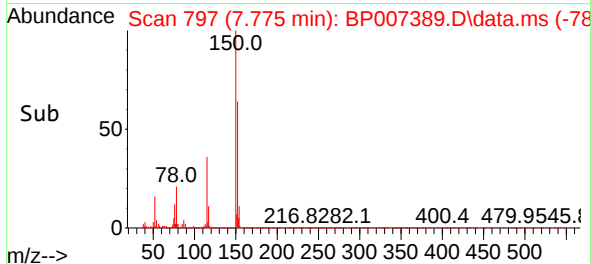
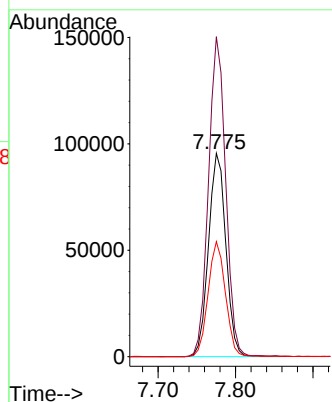
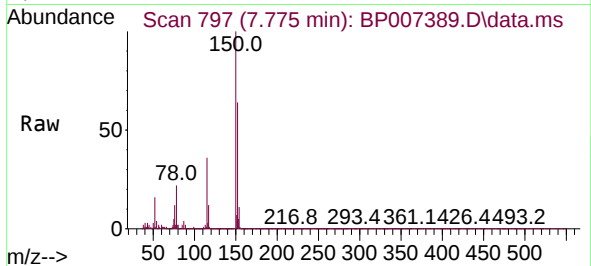




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

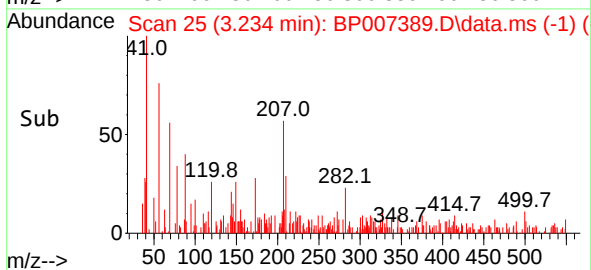
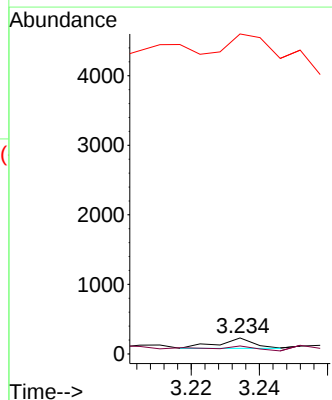
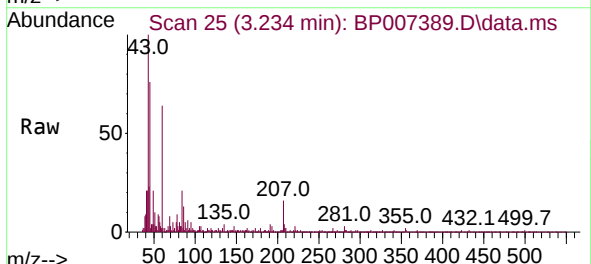
Instrument :
BNA_P
ClientSampleId :
1-ENTRANCE

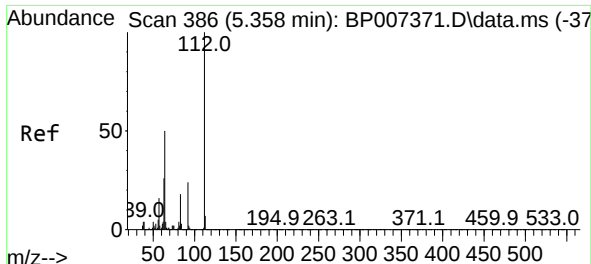
Tgt Ion:152 Resp: 148955
Ion Ratio Lower Upper
152 100
150 157.4 125.6 188.4
115 56.6 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 25
Delta R.T. 0.012 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
58 51.9 46.7 70.1
43 662.0 20.3 30.5

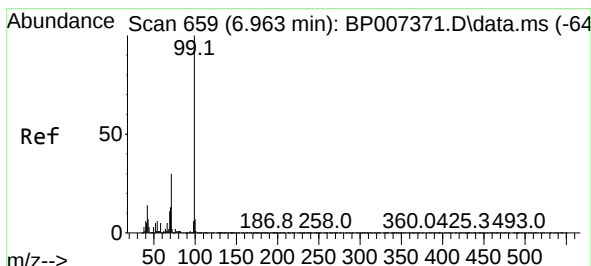
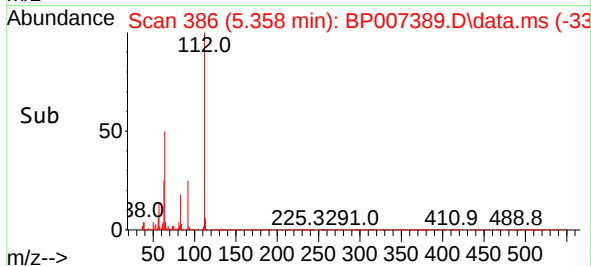
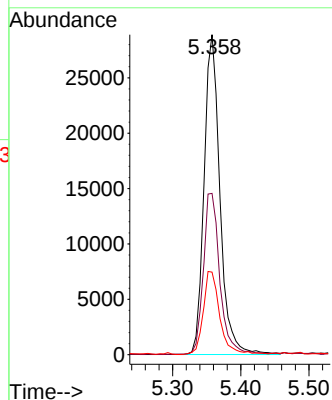
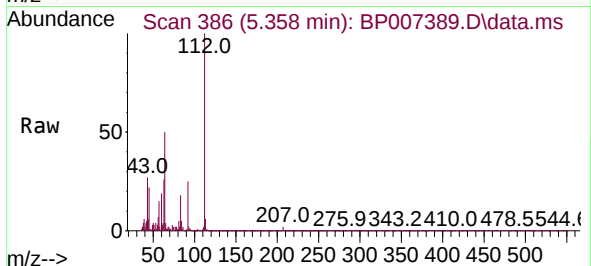




#5
2-Fluorophenol
Concen: 5.177 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

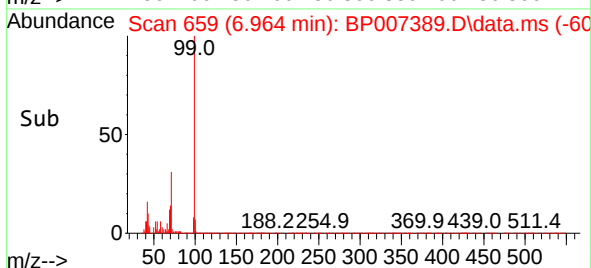
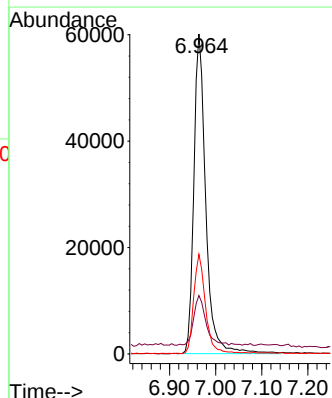
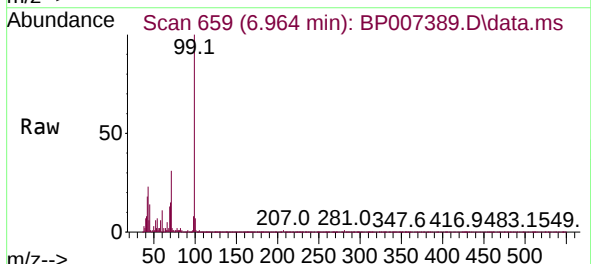
Instrument :
BNA_P
ClientSampleId :
1-ENTRANCE

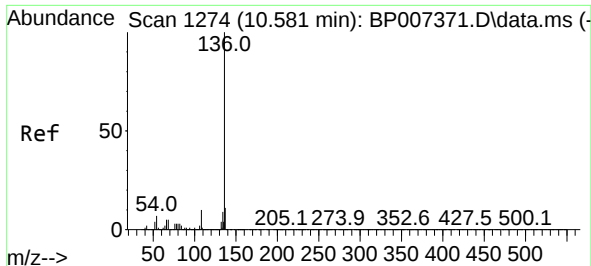
Tgt Ion:	112	Resp:	46798
Ion Ratio	Lower	Upper	
112	100		
64	50.4	41.4	62.2
63	25.8	23.8	35.8



#7
Phenol-d6
Concen: 8.907 ng
RT: 6.964 min Scan# 659
Delta R.T. 0.001 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:	99	Resp:	108100
Ion Ratio	Lower	Upper	
99	100		
42	18.3	13.4	20.0
71	31.1	30.6	46.0

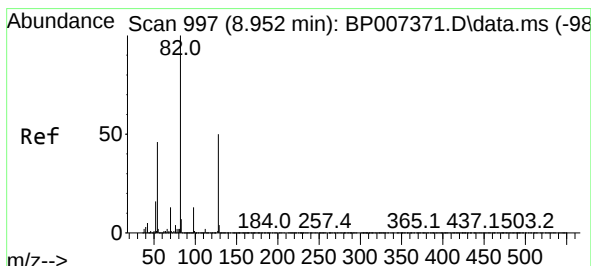
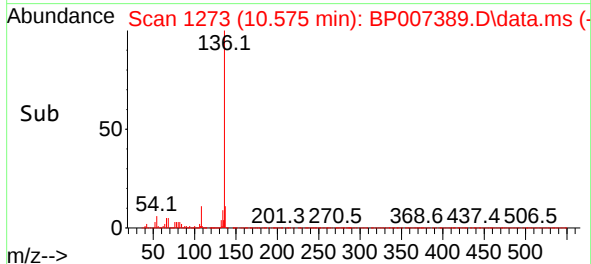
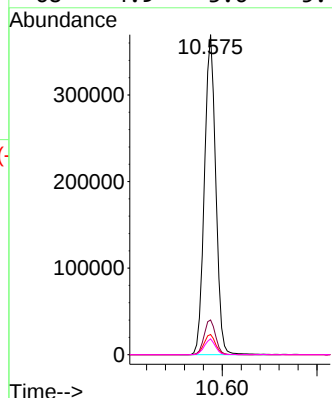
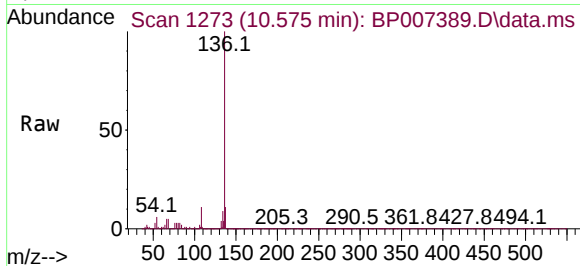




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

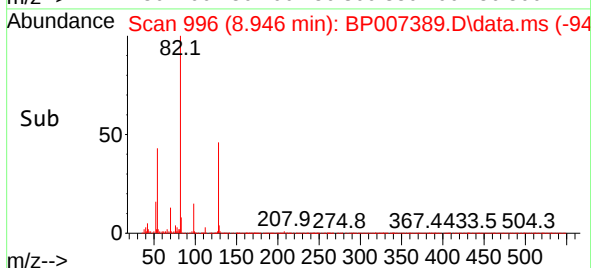
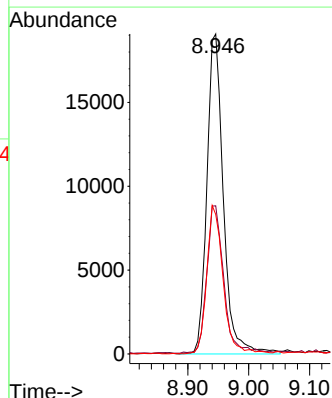
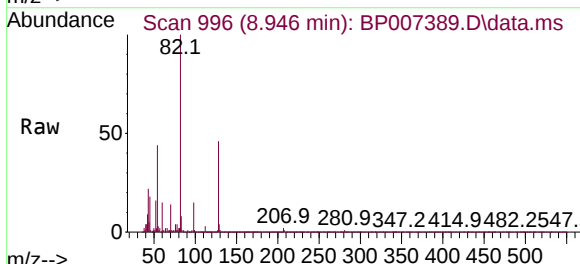
Instrument :
BNA_P
ClientSampleId :
1-ENTRANCE

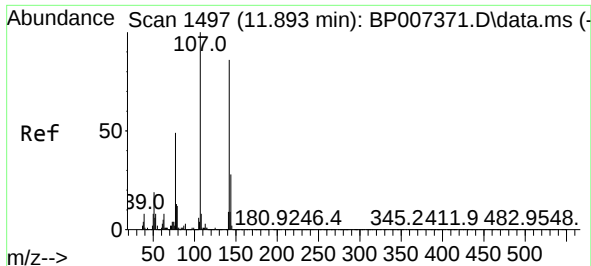
Tgt Ion:	136	Resp:	611447
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	6.3	4.6	6.8
68	4.9	3.6	5.4



#23
Nitrobenzene-d5
Concen: 3.457 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:	82	Resp:	35890
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	43.6	35.0	52.4

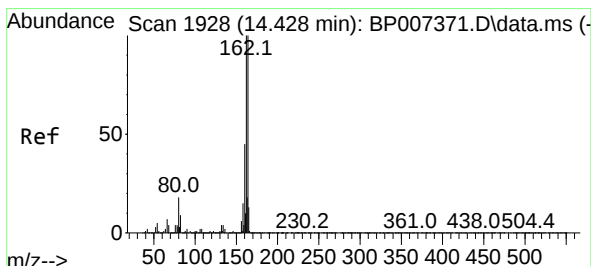
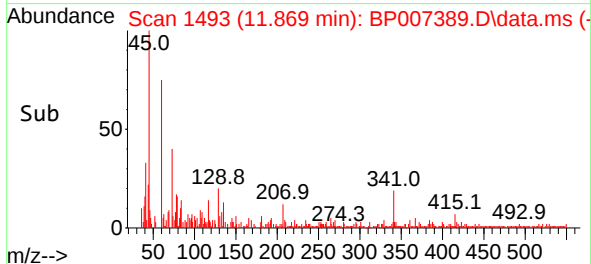
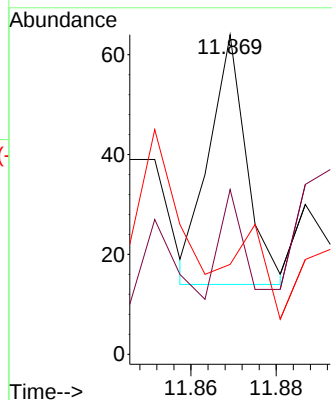
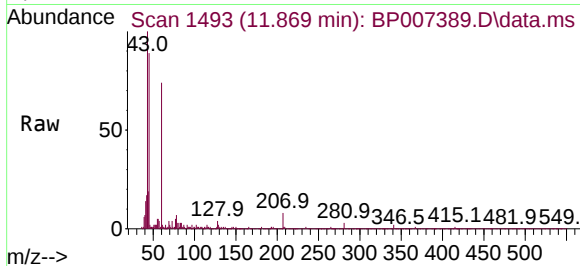




#36
4-Chloro-3-methylphenol
Concen: 2.320 ng
RT: 11.869 min Scan# 1493
Delta R.T. -0.024 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

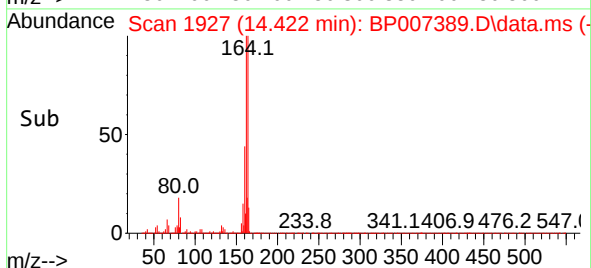
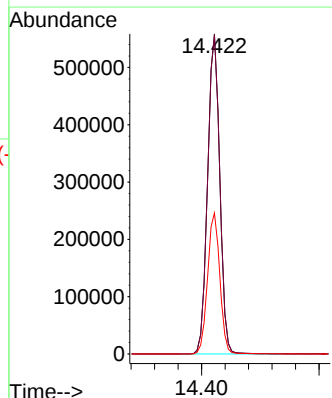
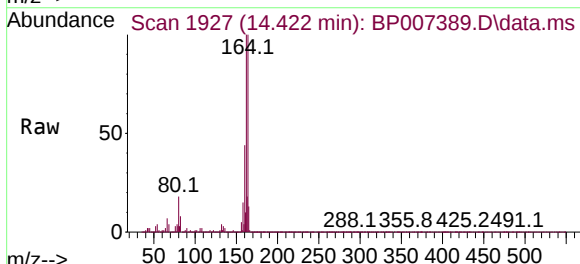
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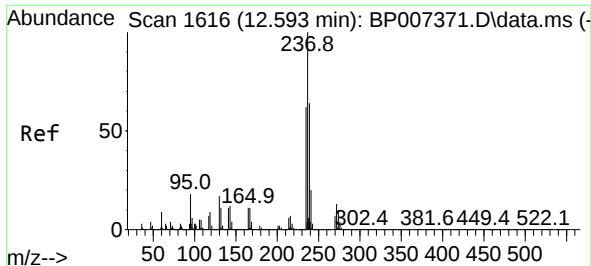
Tgt Ion:	107	Resp:	30
Ion	Ratio	Lower	Upper
107	100		
144	51.6	21.1	31.7#
142	28.1	66.0	99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:	164	Resp:	796599
Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	44.1	34.5	51.7

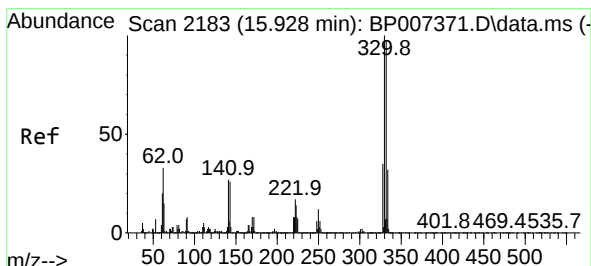
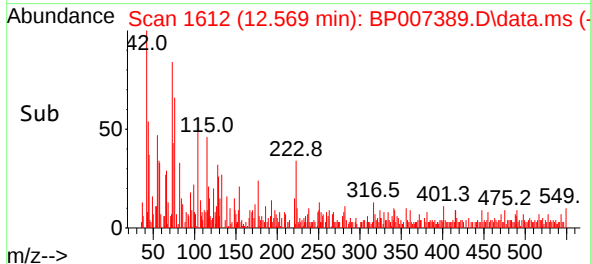
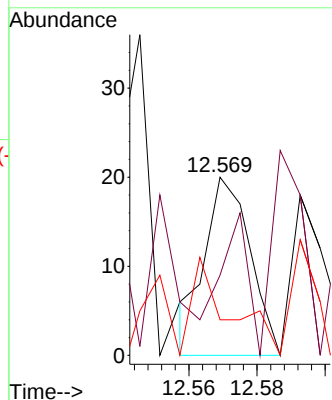
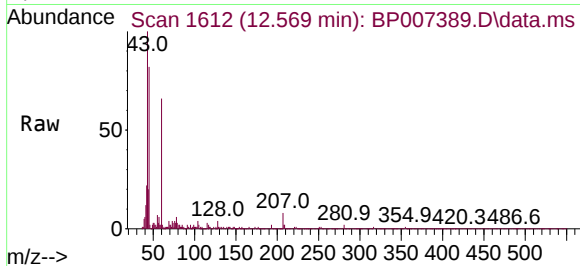




#41
Hexachlorocyclopentadiene
Concen: 6.056 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.024 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

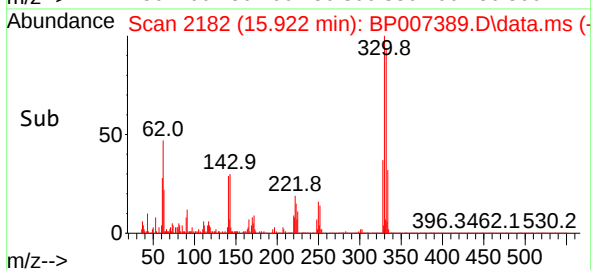
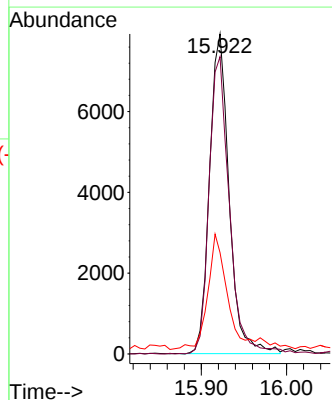
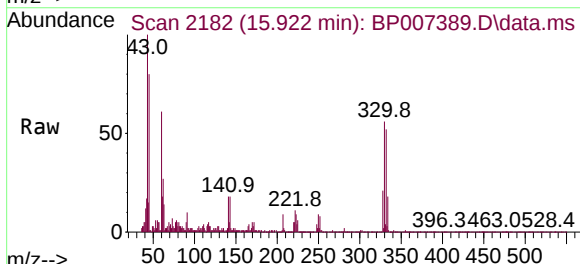
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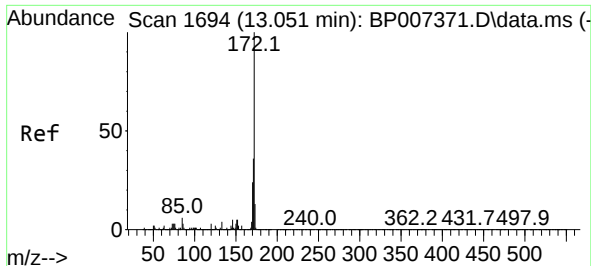
Tgt Ion:	237	Resp:	18
Ion	Ratio	Lower	Upper
237	100		
235	45.0	44.5	84.5
272	20.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 0.968 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:	330	Resp:	12652
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.8
141	38.7	25.4	38.2#

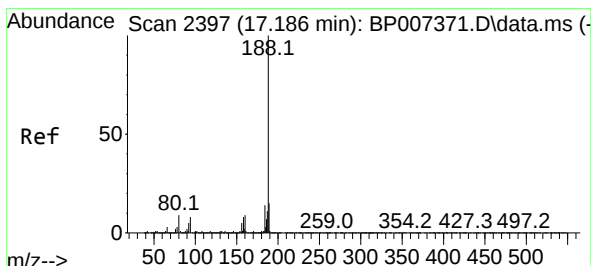
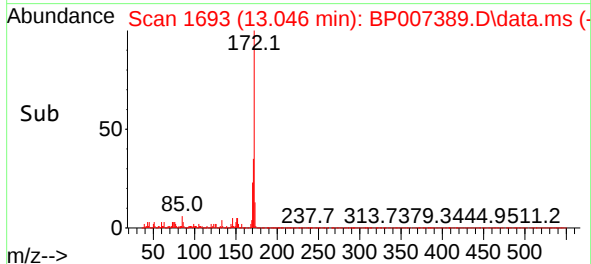
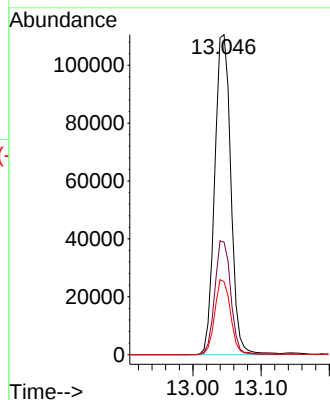
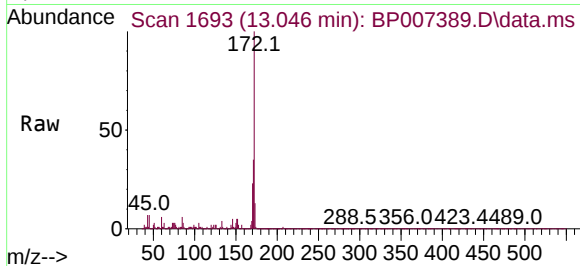




#45
2-Fluorobiphenyl
Concen: 3.196 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

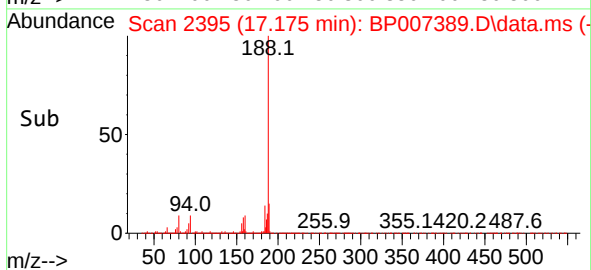
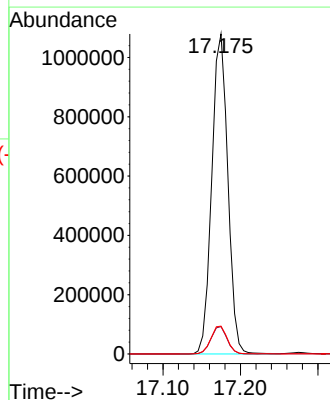
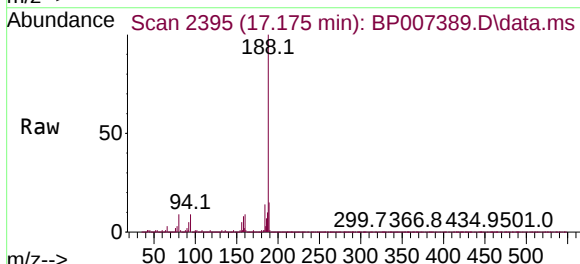
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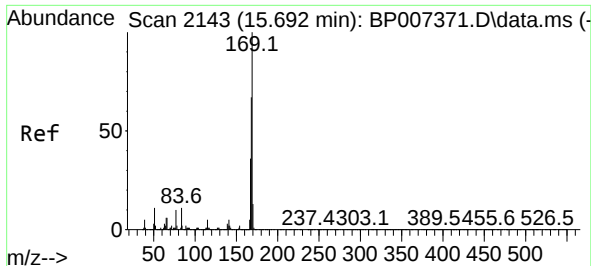
Tgt Ion:	172	Resp:	182178
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.9	41.9
170	22.8	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:	188	Resp:	1553251
Ion Ratio	Lower	Upper	
188	100		
94	8.6	5.6	8.4#
80	8.7	6.3	9.5

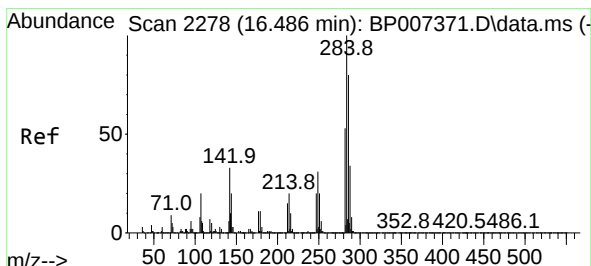
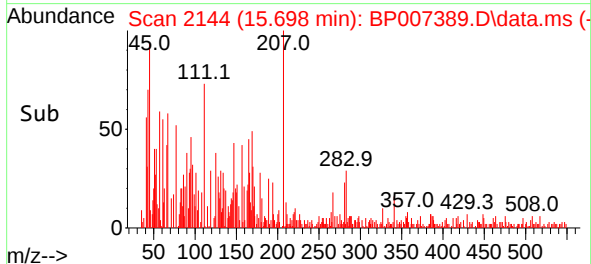
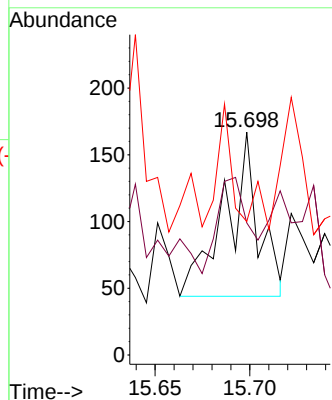
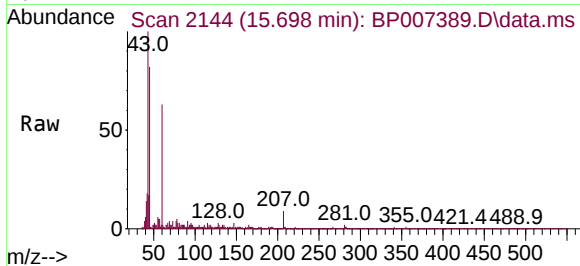




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

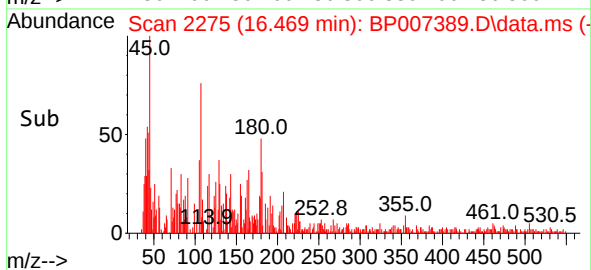
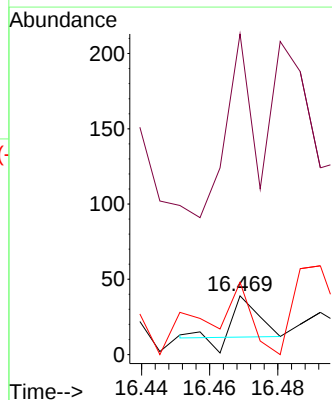
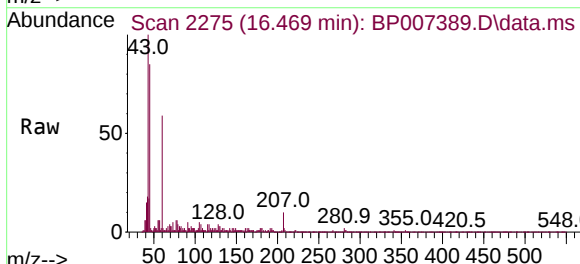
Instrument :
BNA_P
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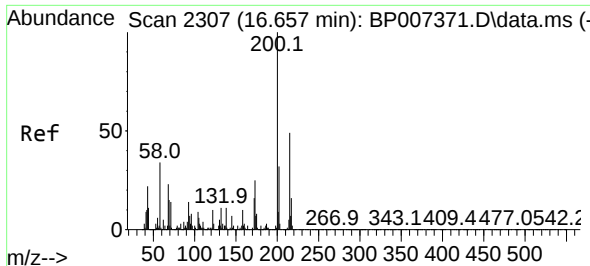
Tgt Ion:169 Resp: 149
Ion Ratio Lower Upper
169 100
168 59.3 54.4 81.6
167 59.9 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.469 min Scan# 2275
Delta R.T. -0.017 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:284 Resp: 12
Ion Ratio Lower Upper
284 100
142 546.2 26.9 40.3#
249 123.1 24.5 36.7#

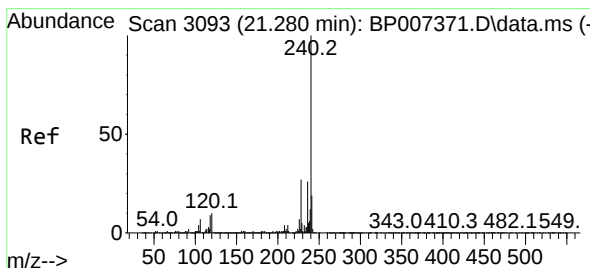
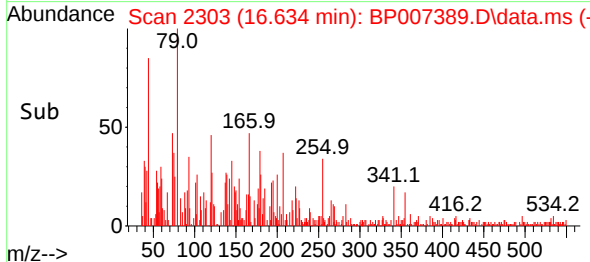
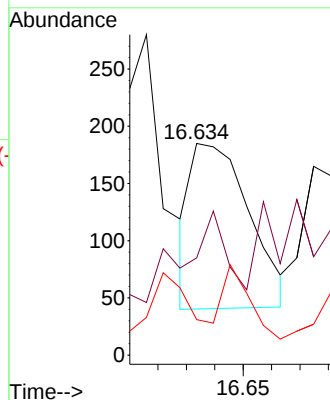
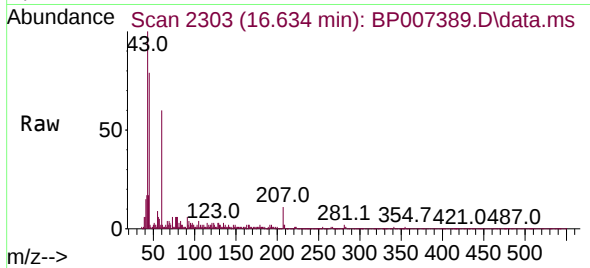




#69
Atrazine
Concen: Below Cal
RT: 16.634 min Scan# 2303
Delta R.T. -0.023 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

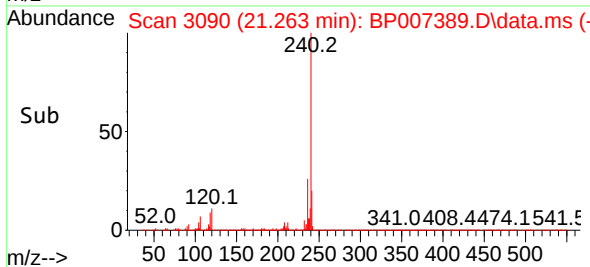
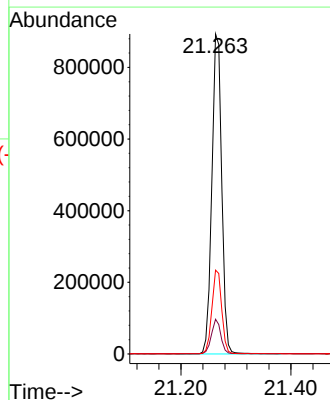
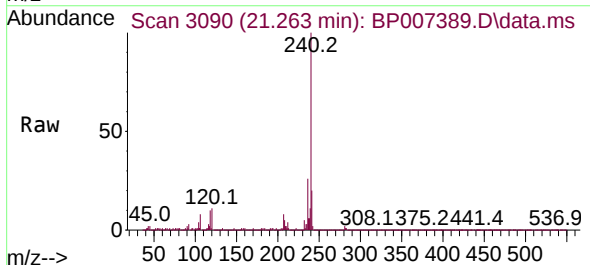
Instrument :
BNA_P
ClientSampleId :
1-ENTRANCE

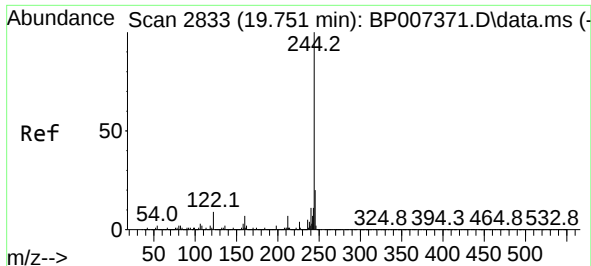
Tgt Ion:200 Resp: 207
Ion Ratio Lower Upper
200 100
173 45.9 4.1 44.1#
215 16.8 27.7 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.017 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:240 Resp: 1108103
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 26.2 20.6 31.0

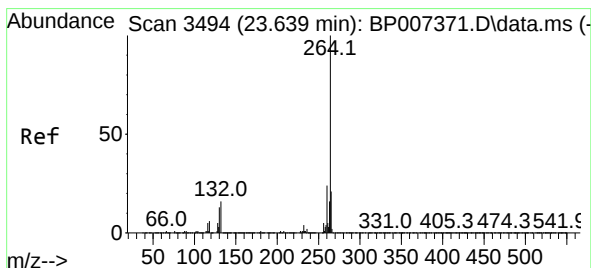
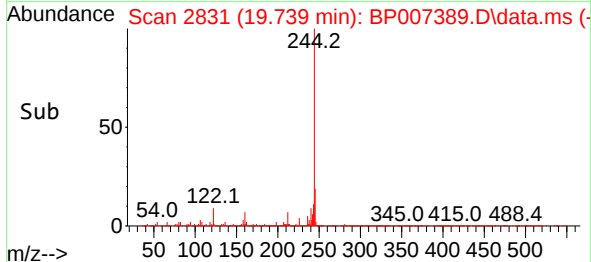
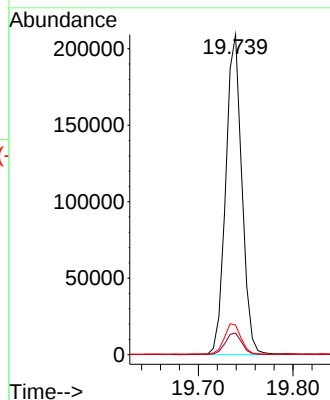
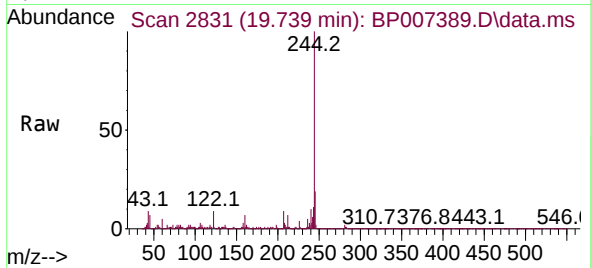




#79
Terphenyl-d14
Concen: 3.945 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

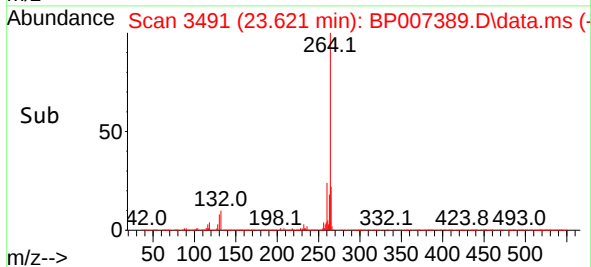
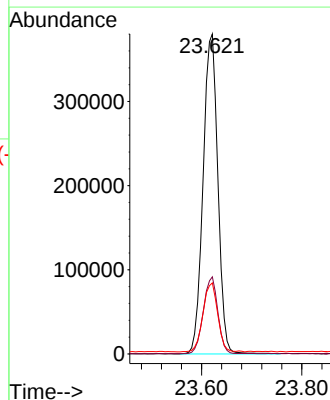
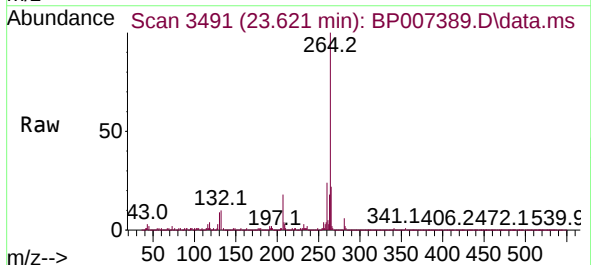
Instrument :
BNA_P
ClientSampled :
1-ENTRANCE

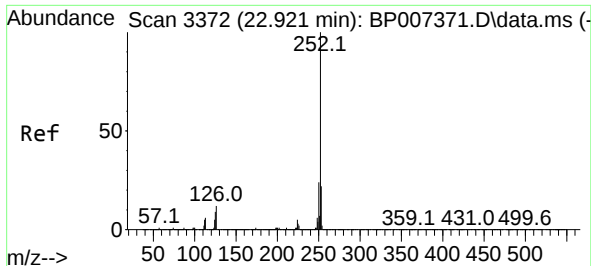
Tgt Ion:244 Resp: 247842
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.2 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:264 Resp: 777784
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.2 17.6 26.4

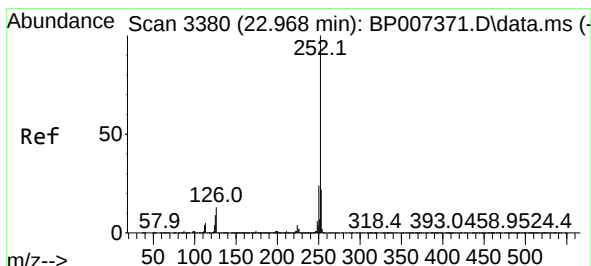
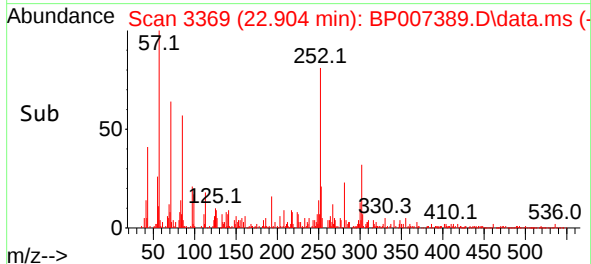
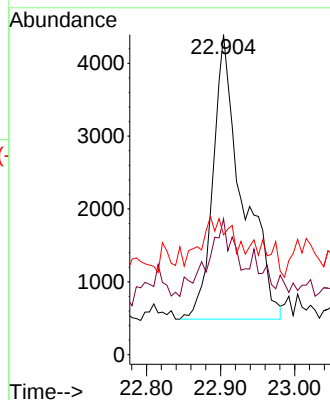
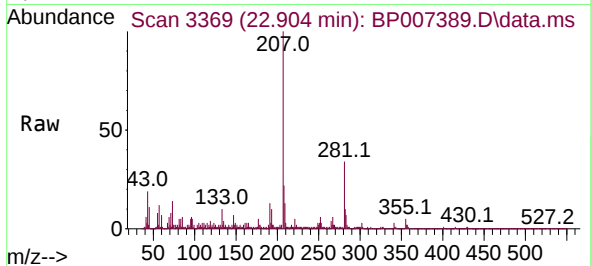




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007389.D
Acq: 08 Oct 2021 23:50

Instrument :
BNA_P
ClientSampleId :
1-ENTRANCE

Tgt Ion:252 Resp: 10748
Ion Ratio Lower Upper
252 100
253 42.4 17.5 26.3#
125 37.5 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: BP007389.D
Acq: 08 Oct 2021 23:50

Tgt Ion:252 Resp: 10748
Ion Ratio Lower Upper
252 100
253 42.4 17.6 26.4#
125 37.5 6.0 9.0#

