

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007383.D
 Acq On : 08 Oct 2021 20:25
 Operator : CG/JU
 Sample : M4121-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26982

Quant Time: Oct 09 06:18:57 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)

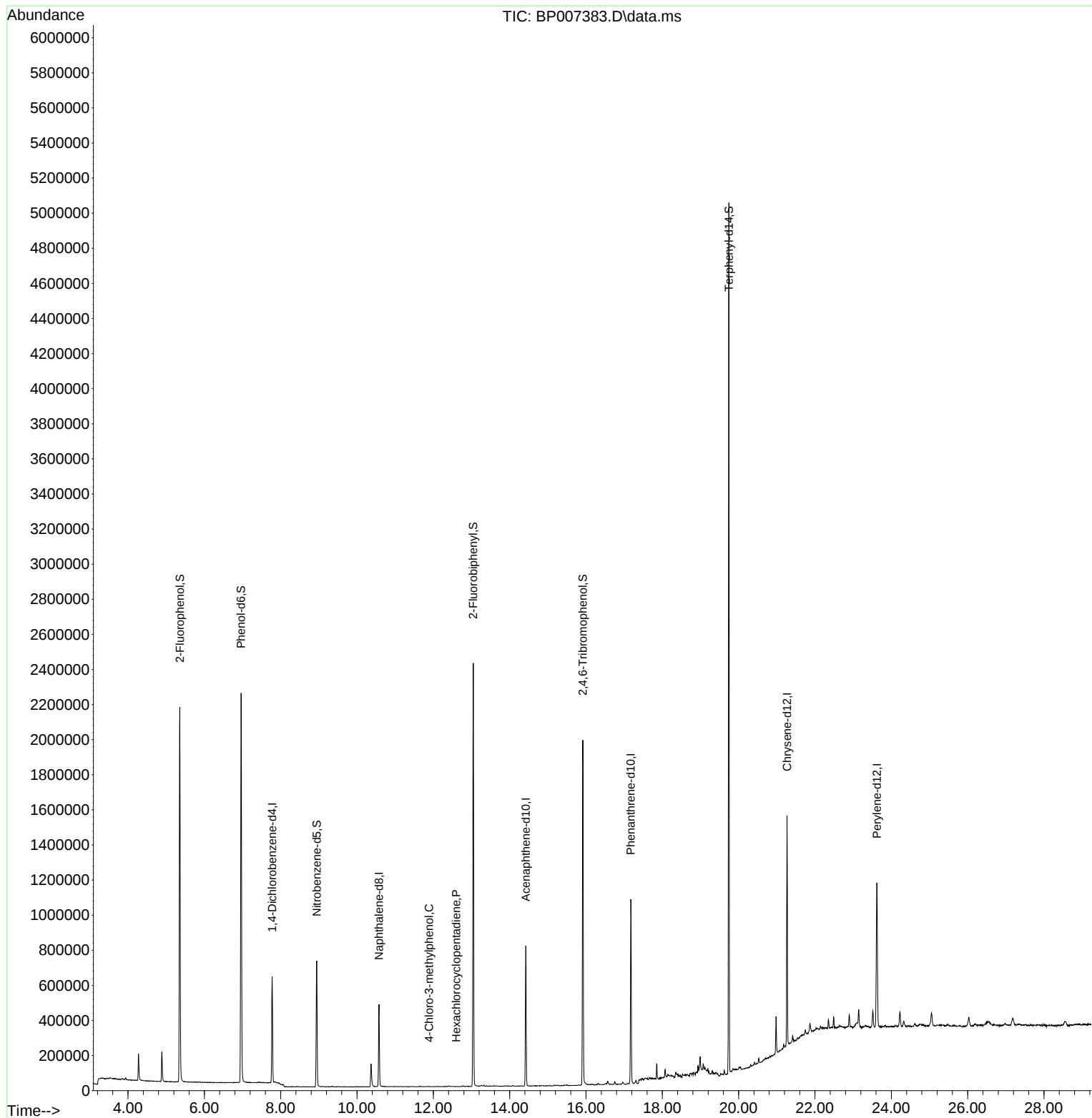
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	171188	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	399848	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	287152	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	652769	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	653052	20.000	ng	-0.01
86) Perylene-d12	23.621	264	663666	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1031402	99.276	ng	0.00
7) Phenol-d6	6.963	99	1382393	99.111	ng	0.00
23) Nitrobenzene-d5	8.946	82	428167	63.067	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	482860	102.513	ng	-0.01
45) 2-Fluorobiphenyl	13.045	172	1289768	62.761	ng	0.00
79) Terphenyl-d14	19.745	244	2427879	65.572	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	151	Below Cal	#	1
36) 4-Chloro-3-methylphenol	11.887	107	44	2.324 ng	#	57
41) Hexachlorocyclopentadiene	12.598	237	48	6.067 ng		74
66) n-Nitrosodiphenylamine	15.916	169	10731	Below Cal	#	45
68) Hexachlorobenzene	16.469	284	33	Below Cal	#	1
69) Atrazine	16.563	200	977	Below Cal	#	41
88) Benzo(b)fluoranthene	22.904	252	2947	Below Cal	#	1
89) Benzo(k)fluoranthene	22.998	252	112	Below Cal	#	1

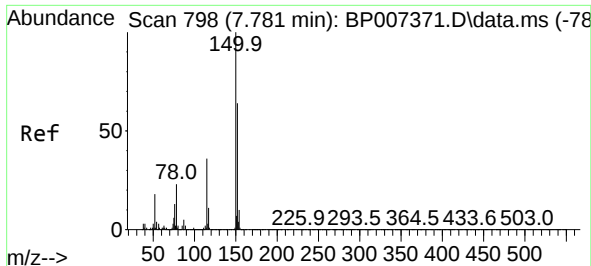
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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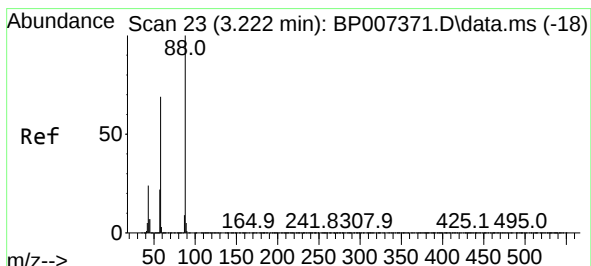
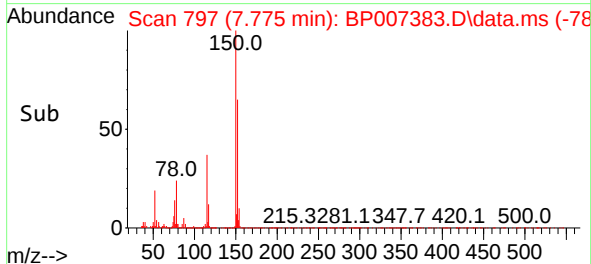
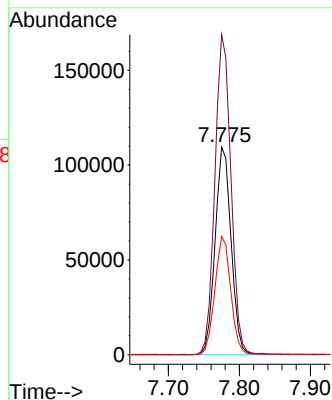
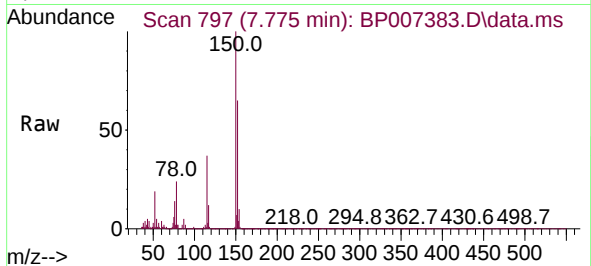




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

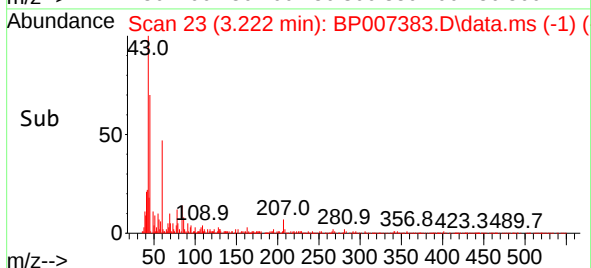
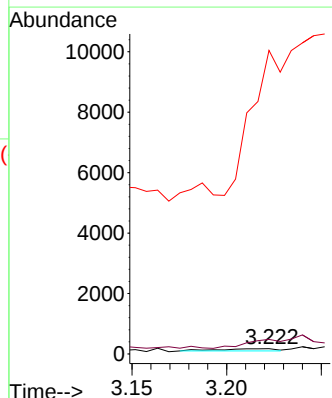
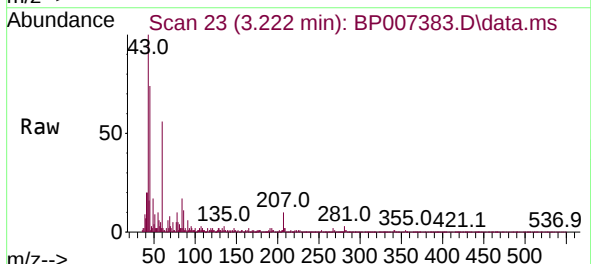
Instrument :
BNA_P
ClientSampleId :
26982

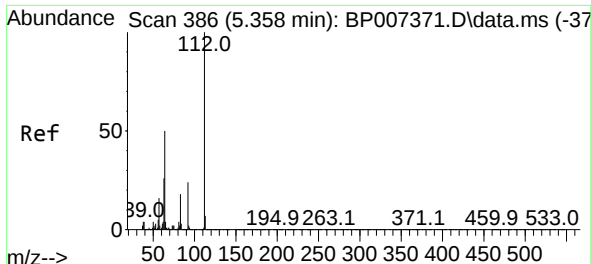
Tgt Ion:152 Resp: 171188
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.9 48.5 72.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.222 min Scan# 23
Delta R.T. 0.000 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
58 529.1 46.7 70.1#
43 0.0 20.3 30.5#

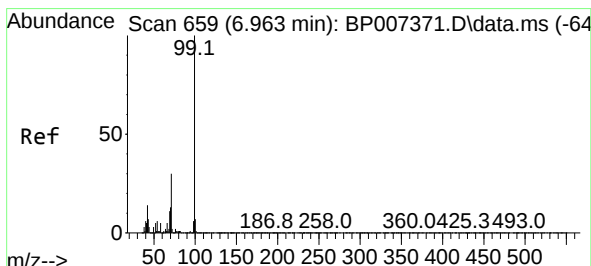
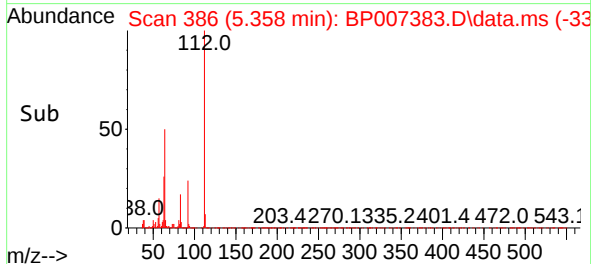
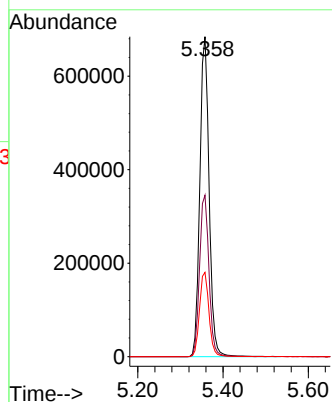
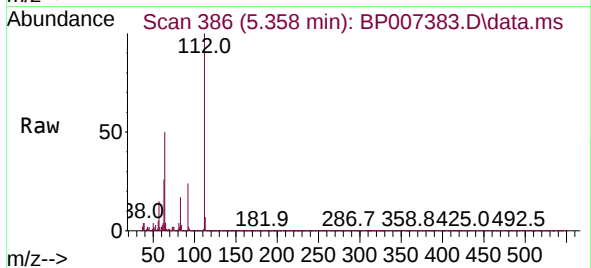




#5
2-Fluorophenol
Concen: 99.276 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

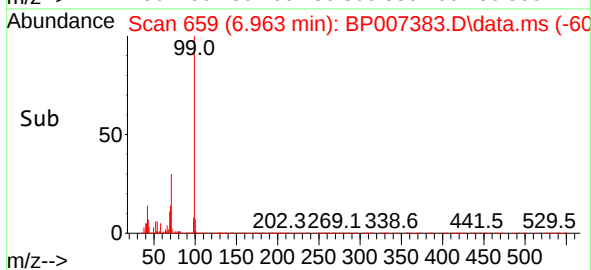
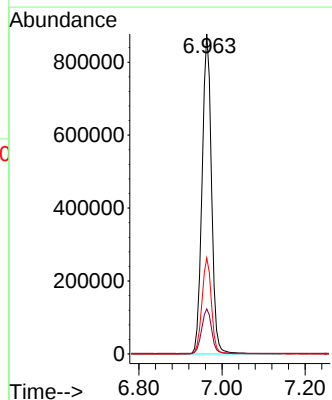
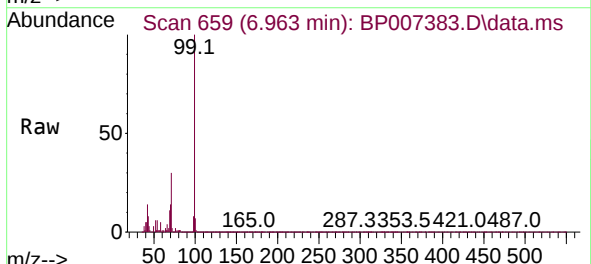
Instrument :
BNA_P
ClientSampleId :
26982

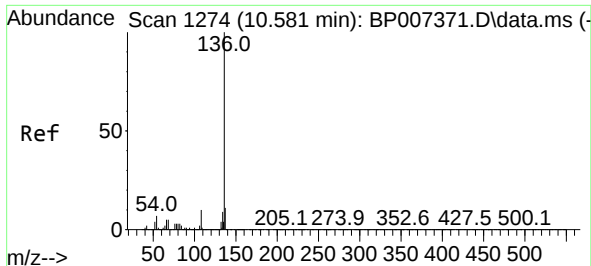
Tgt Ion:112 Resp: 1031402
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.4 23.8 35.8



#7
Phenol-d6
Concen: 99.111 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion: 99 Resp: 1382393
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 30.0 30.6 46.0#

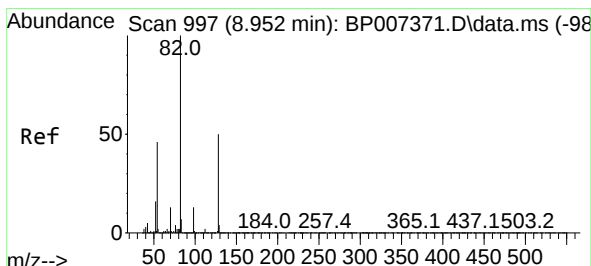
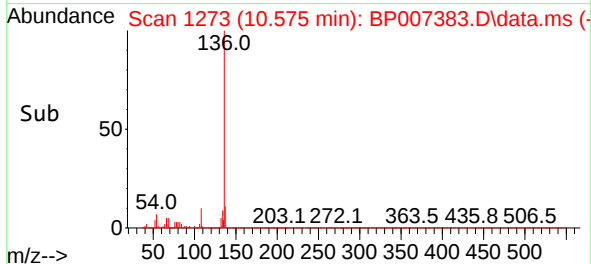
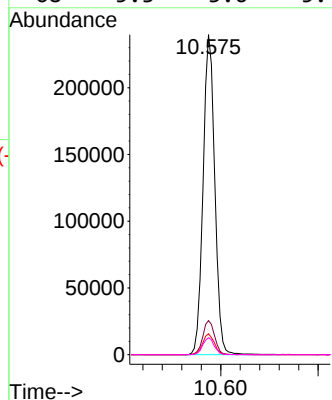
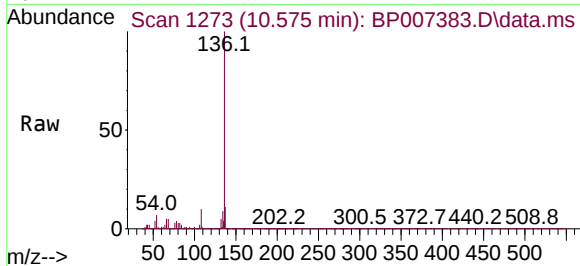




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

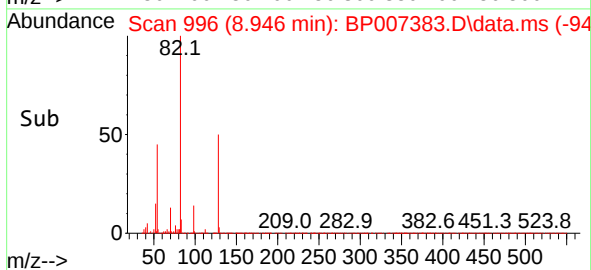
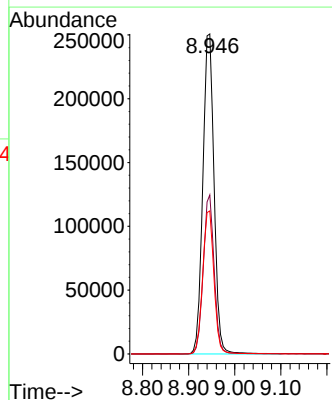
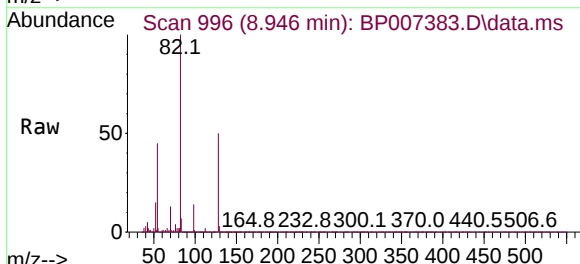
Instrument :
BNA_P
ClientSampleId :
26982

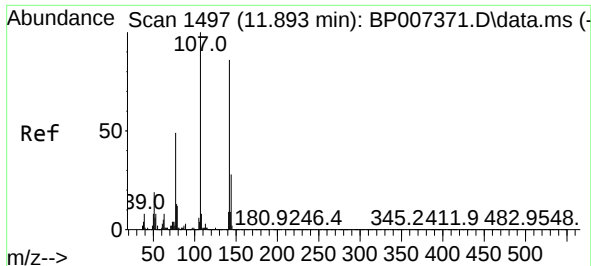
Tgt Ion:	136	Resp:	399848
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.6	4.6	6.8
68	5.3	3.6	5.4



#23
Nitrobenzene-d5
Concen: 63.067 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:	82	Resp:	428167
Ion	Ratio	Lower	Upper
82	100		
128	49.7	35.7	53.5
54	44.7	35.0	52.4

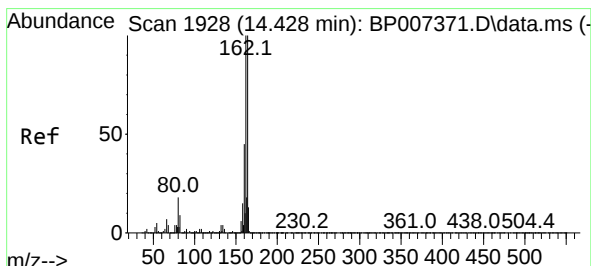
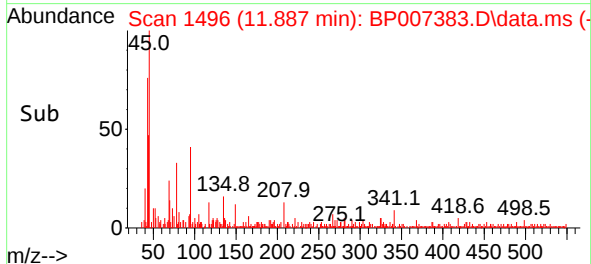
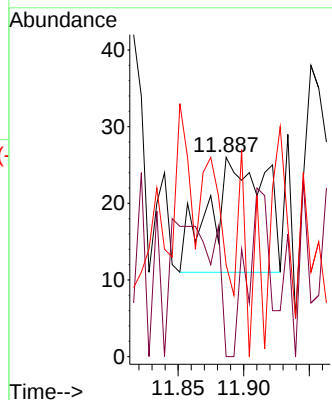
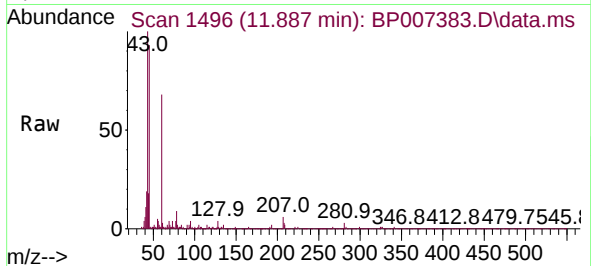




#36
4-Chloro-3-methylphenol
Concen: 2.324 ng
RT: 11.887 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

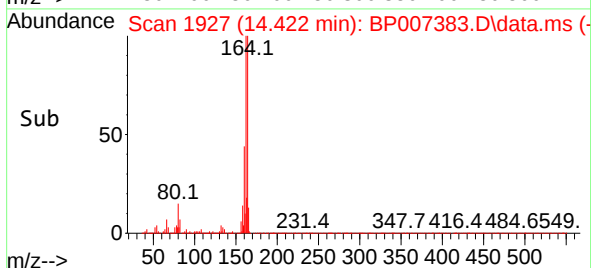
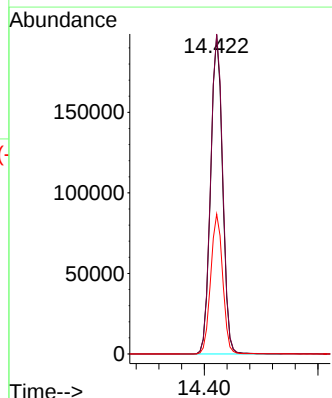
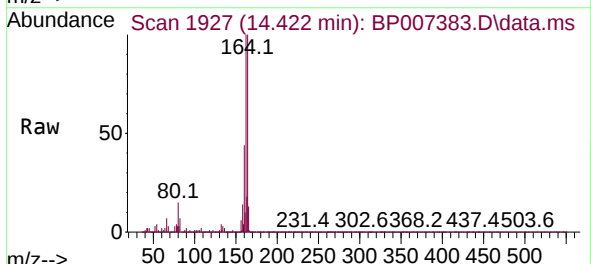
Instrument :
BNA_P
ClientSampleId :
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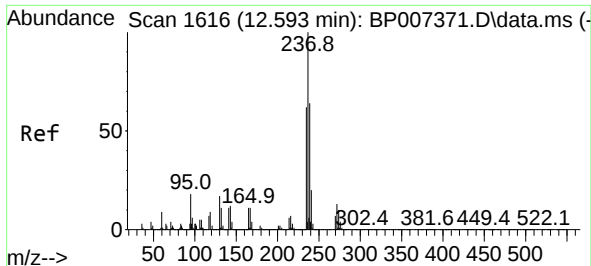
Tgt Ion:107 Resp: 44
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 46.2 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:164 Resp: 287152
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 43.9 34.5 51.7

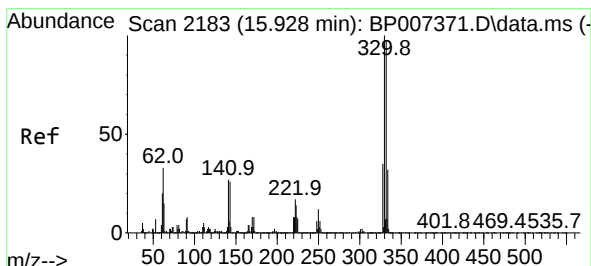
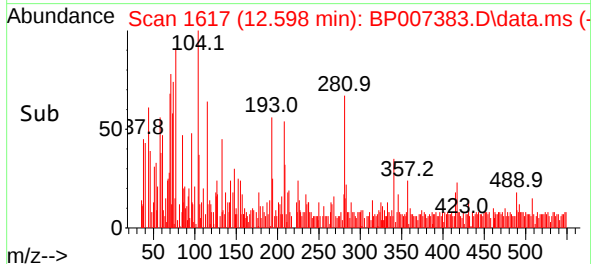
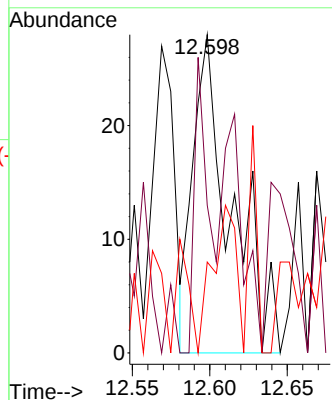
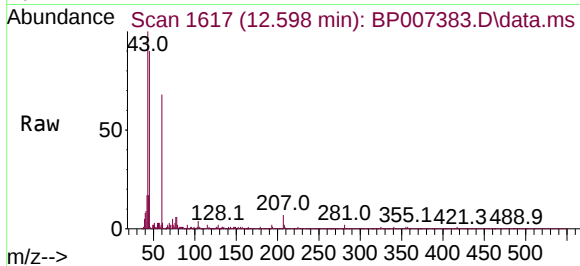




#41
Hexachlorocyclopentadiene
Concen: 6.067 ng
RT: 12.598 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

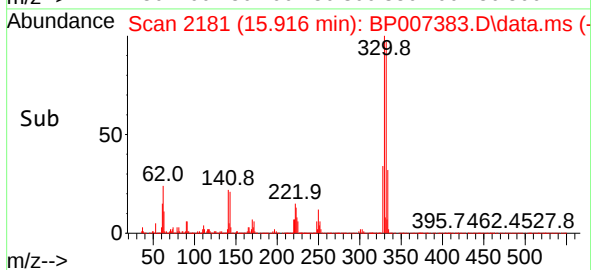
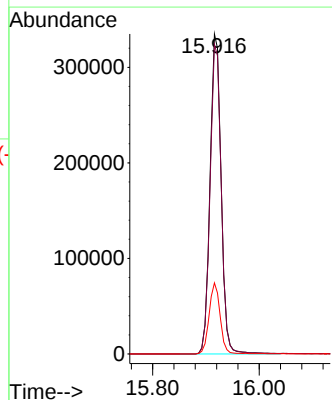
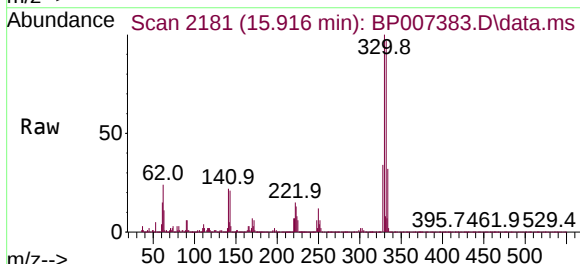
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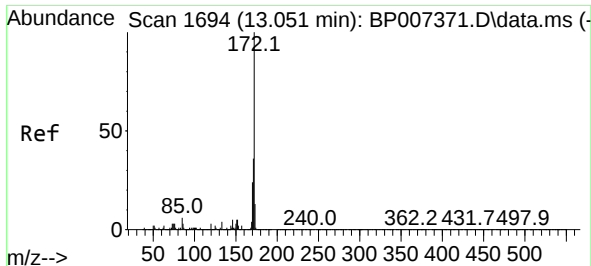
Tgt Ion:237	Resp:	48
Ion Ratio	Lower	Upper
237	100	
235	46.4	44.5 84.5
272	28.6	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 102.513 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:330	Resp:	482860
Ion Ratio	Lower	Upper
330	100	
332	97.4	77.8 116.8
141	22.1	25.4 38.2#

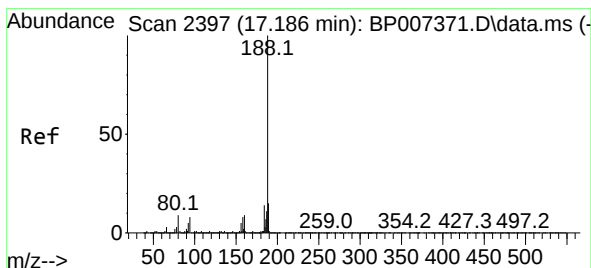
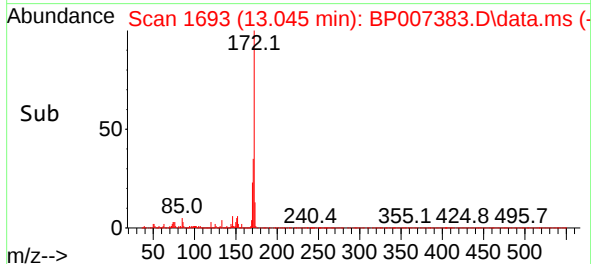
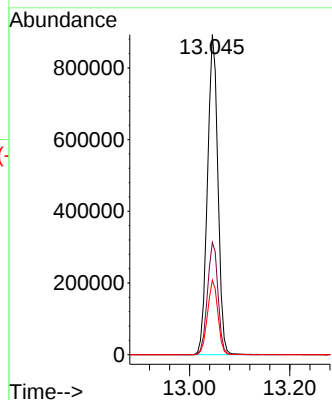
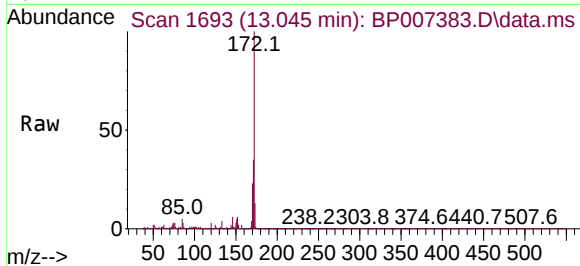




#45
2-Fluorobiphenyl
Concen: 62.761 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

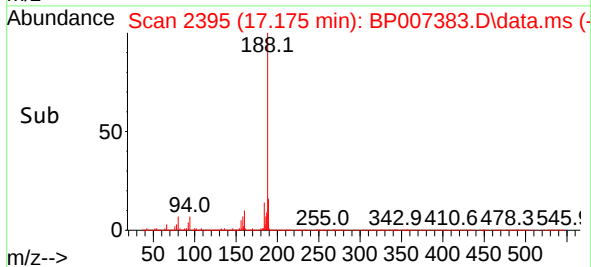
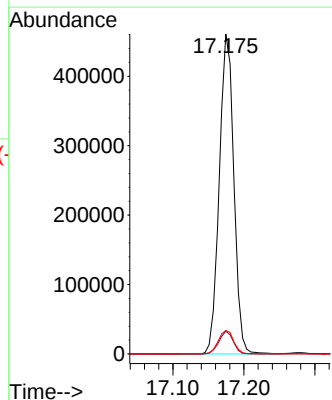
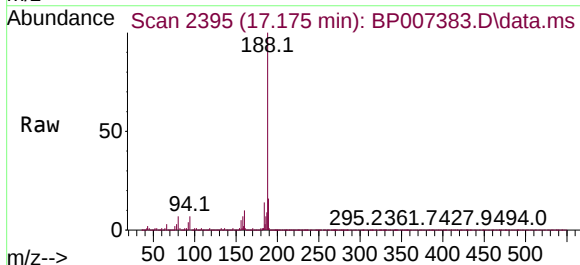
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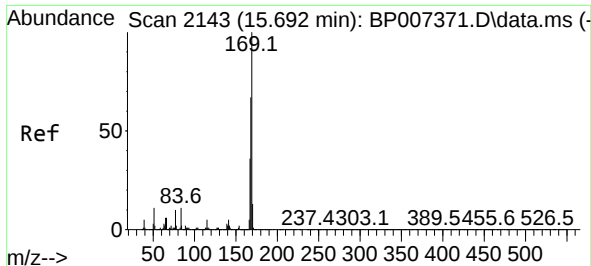
Tgt Ion:172 Resp: 1289768
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:188 Resp: 652769
Ion Ratio Lower Upper
188 100
94 7.1 5.6 8.4
80 7.4 6.3 9.5

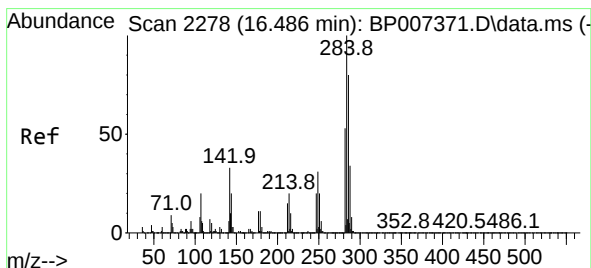
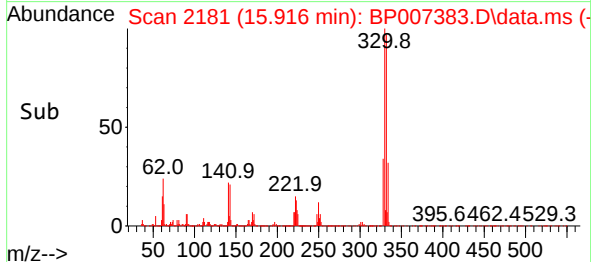
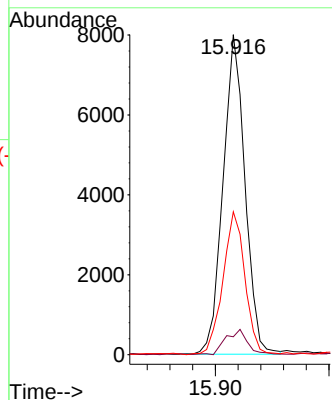
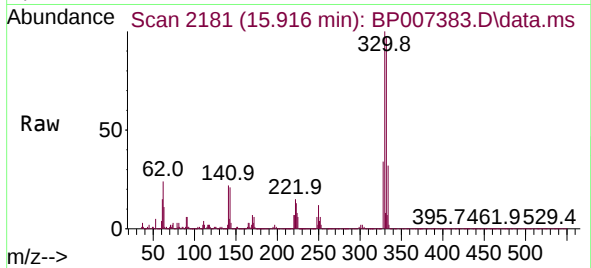




#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

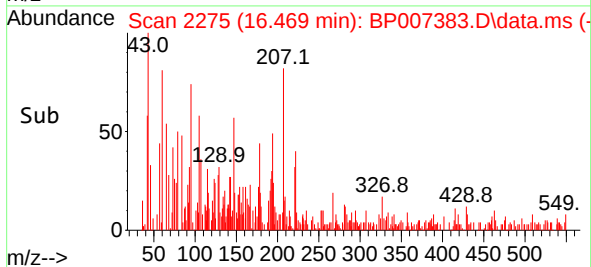
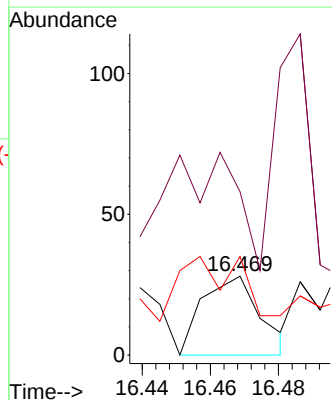
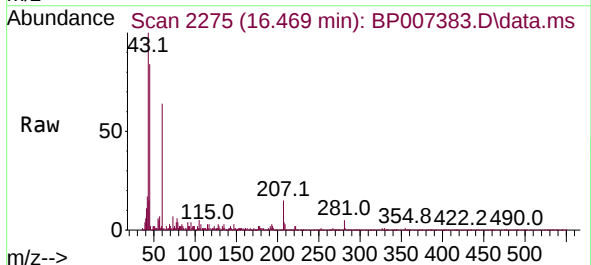
Instrument :
BNA_P
ClientSampled :
26982

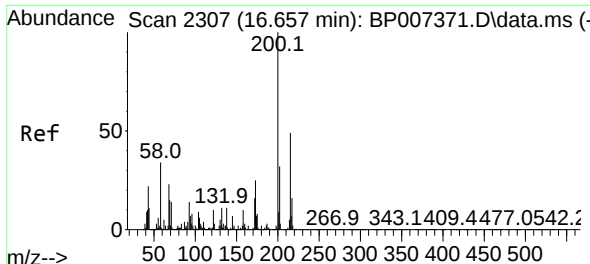
Tgt Ion:169 Resp: 10731
Ion Ratio Lower Upper
169 100
168 5.6 54.4 81.6#
167 44.6 29.0 43.6#



#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.469 min Scan# 2275
Delta R.T. -0.017 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:284 Resp: 33
Ion Ratio Lower Upper
284 100
142 207.1 26.9 40.3#
249 125.0 24.5 36.7#

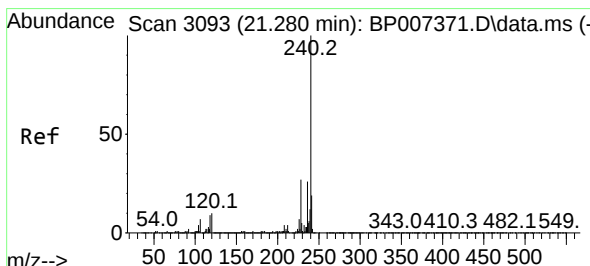
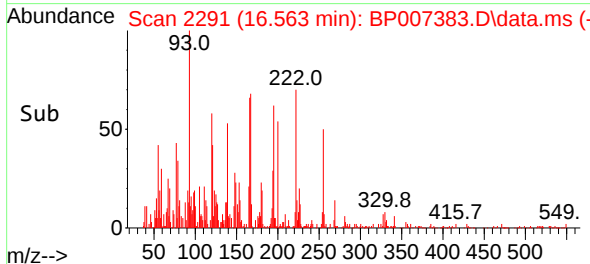
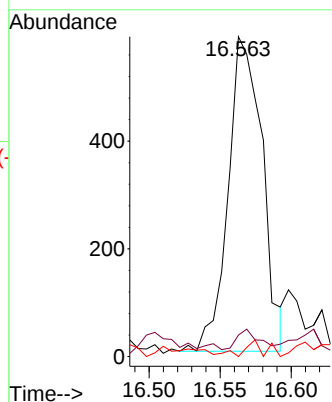
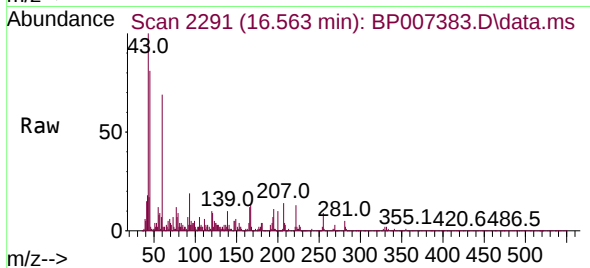




#69
Atrazine
Concen: Below Cal
RT: 16.563 min Scan# 2291
Delta R.T. -0.094 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

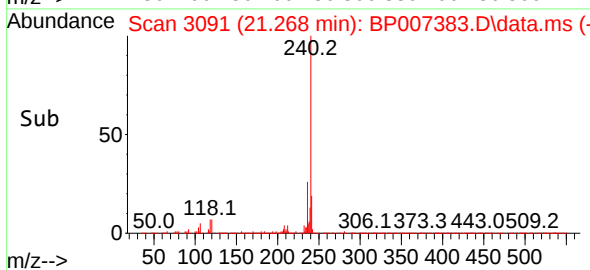
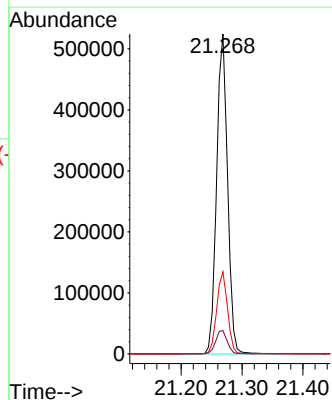
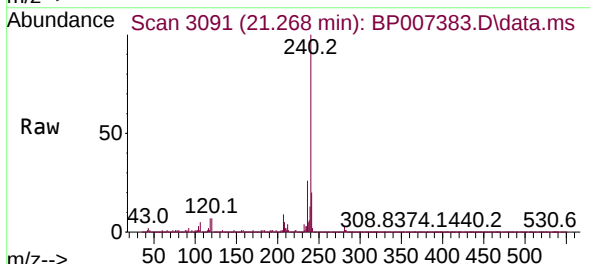
Instrument :
BNA_P
ClientSampled :
26982

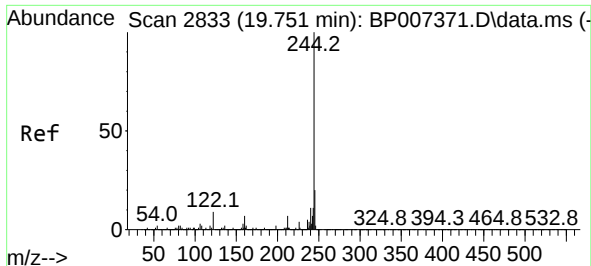
Tgt Ion:200 Resp: 977
Ion Ratio Lower Upper
200 100
173 6.7 4.1 44.1
215 0.0 27.7 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:240 Resp: 653052
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.7 20.6 31.0

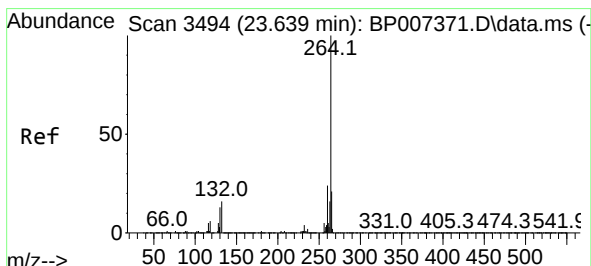
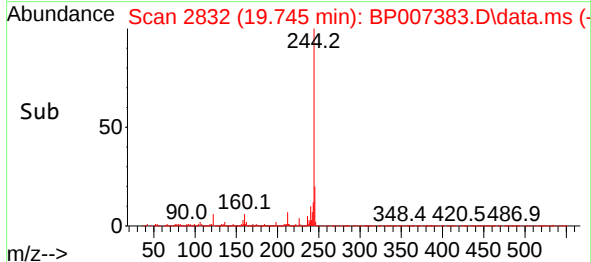
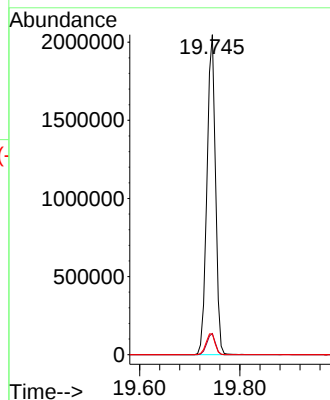
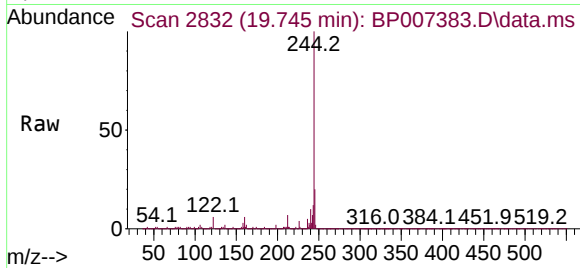




#79
 Terphenyl-d14
 Concen: 65.572 ng
 RT: 19.745 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BP007383.D
 Acq: 08 Oct 2021 20:25

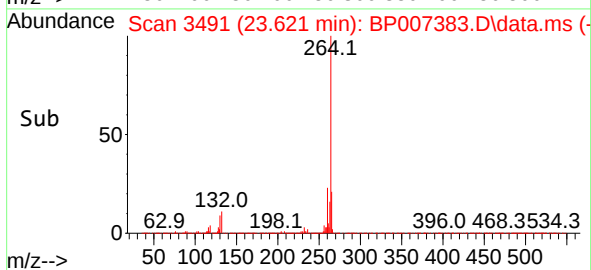
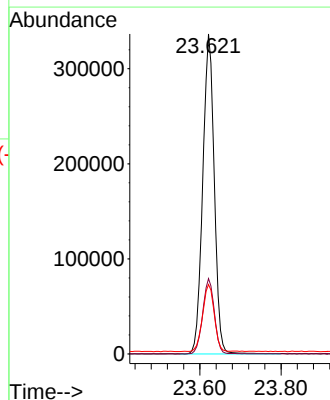
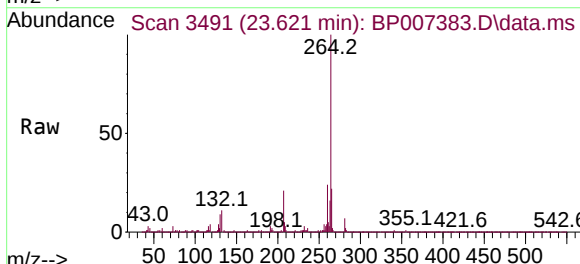
Instrument :
 BNA_P
 ClientSampleId :
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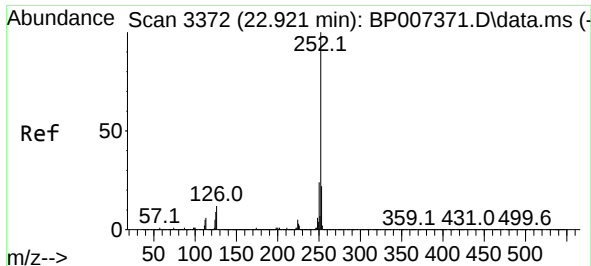
Tgt Ion:244 Resp: 2427879
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.5 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3491
 Delta R.T. -0.018 min
 Lab File: BP007383.D
 Acq: 08 Oct 2021 20:25

Tgt Ion:264 Resp: 663666
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.7 17.6 26.4

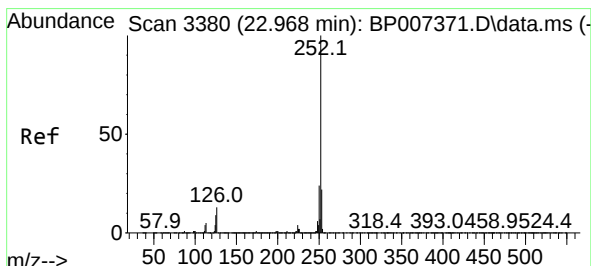
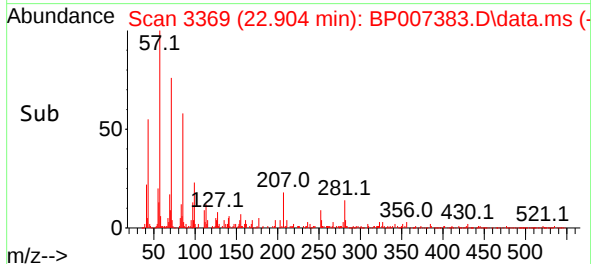
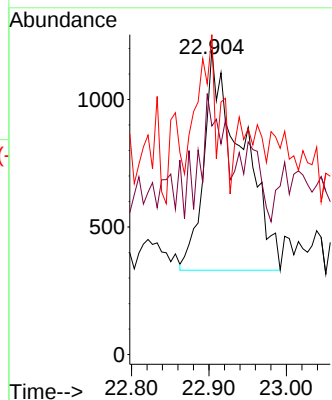
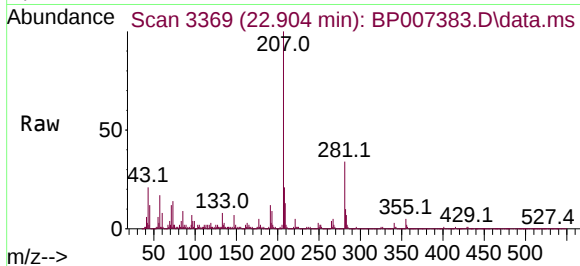




#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Instrument :
BNA_P
ClientSampled :
26982

Tgt Ion:252 Resp: 2947
Ion Ratio Lower Upper
252 100
253 74.9 17.5 26.3#
125 104.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.998 min Scan# 3385
Delta R.T. 0.030 min
Lab File: BP007383.D
Acq: 08 Oct 2021 20:25

Tgt Ion:252 Resp: 112
Ion Ratio Lower Upper
252 100
253 162.5 17.6 26.4#
125 188.6 6.0 9.0#

