

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007860.D
 Acq On : 04 Nov 2021 21:59
 Operator : CG/JU
 Sample : M4475-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB03

Quant Time: Nov 07 11:19:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

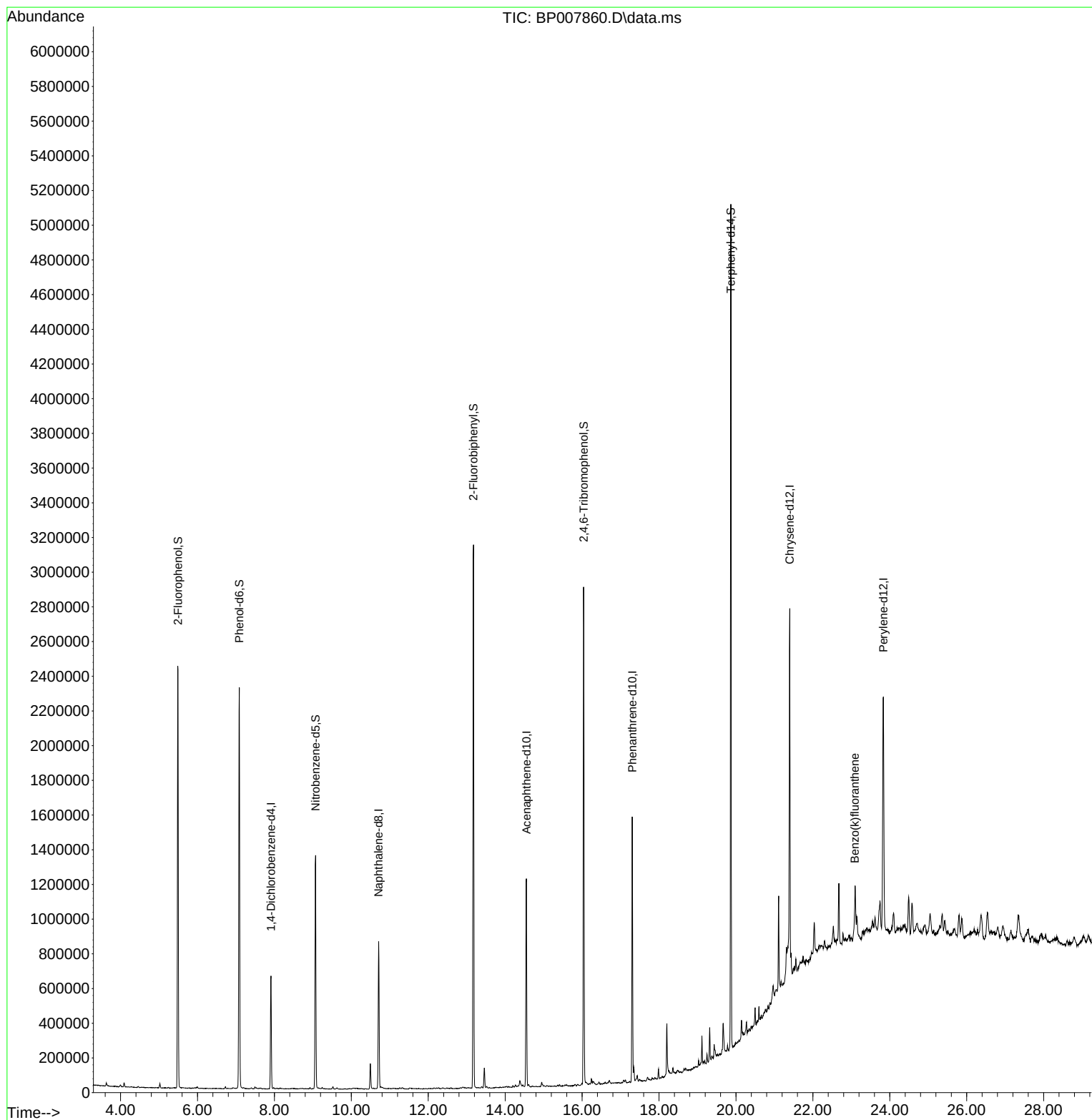
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	178888	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	683875	20.000	ng	-0.02
39) Acenaphthene-d10	14.551	164	432782	20.000	ng	-0.01
64) Phenanthrene-d10	17.304	188	909632	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	957436	20.000	ng	-0.02
86) Perylene-d12	23.833	264	1061514	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1083010	102.674	ng	0.00
7) Phenol-d6	7.087	99	1324122	86.730	ng	0.00
23) Nitrobenzene-d5	9.069	82	776915	61.025	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	548541	88.812	ng	-0.02
45) 2-Fluorobiphenyl	13.175	172	1644795	55.346	ng	-0.02
79) Terphenyl-d14	19.869	244	2203958	46.874	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.393	88	291	Below Cal	#	1
89) Benzo(k)fluoranthene	23.086	252	124821	2.010	ng	# 82

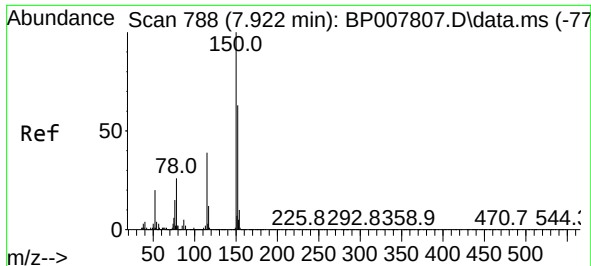
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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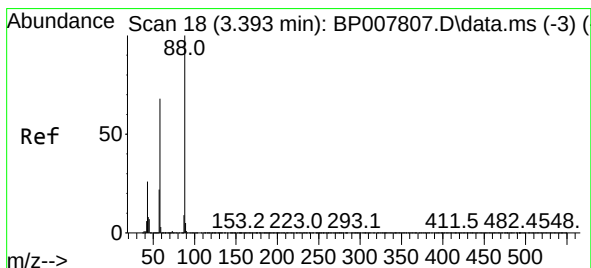
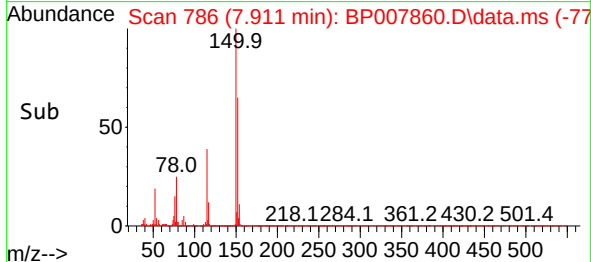
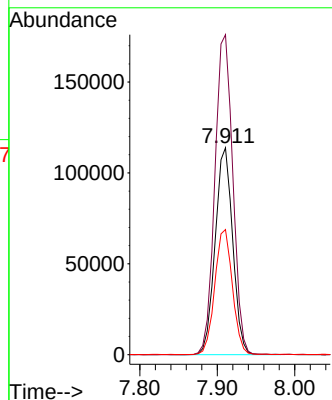
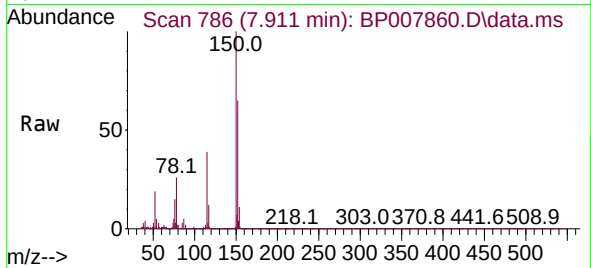




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.911 min Scan# 7
 Delta R.T. -0.011 min
 Lab File: BP007860.D
 Acq: 04 Nov 2021 21:59

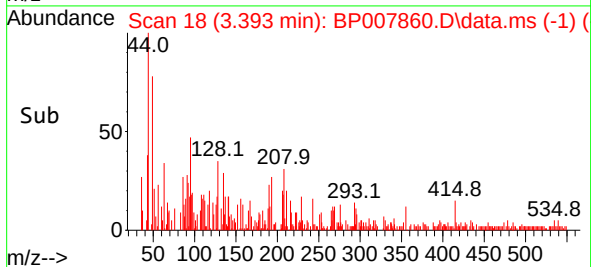
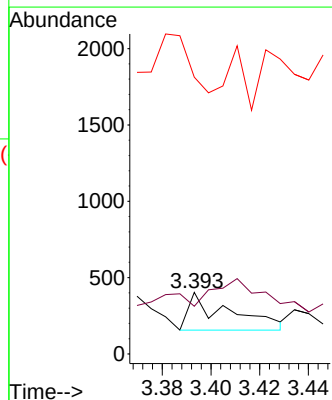
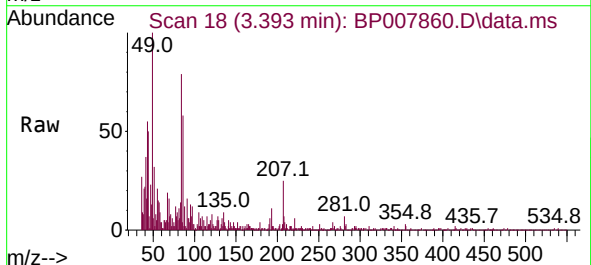
Instrument :
 BNA_P
 ClientSampleId :
 SB03

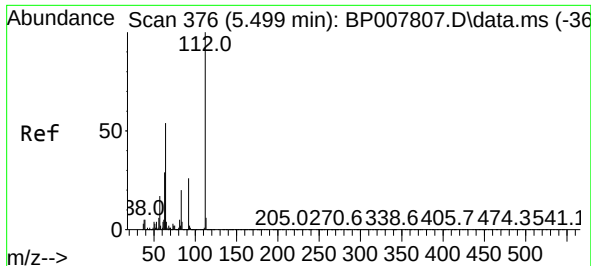
Tgt Ion:152 Resp: 178888
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.1 186.1
 115 60.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.393 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BP007860.D
 Acq: 04 Nov 2021 21:59

Tgt Ion: 88 Resp: 291
 Ion Ratio Lower Upper
 88 100
 58 19.2 58.1 87.1#
 43 152.6 22.2 33.4#

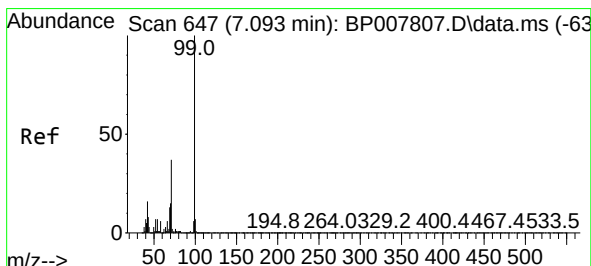
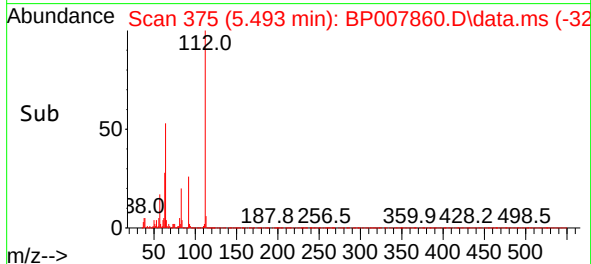
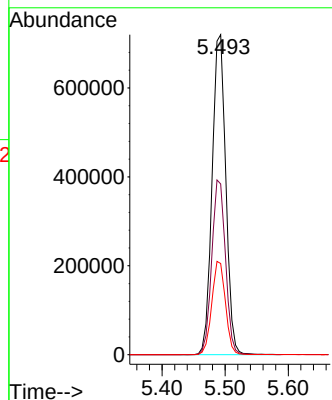
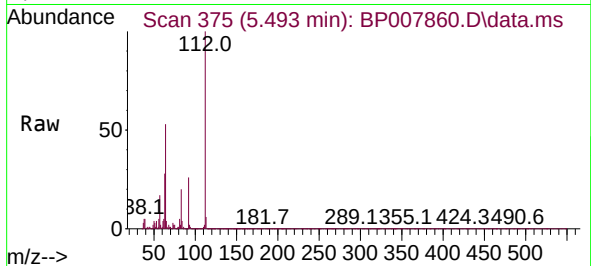




#5
2-Fluorophenol
Concen: 102.674 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

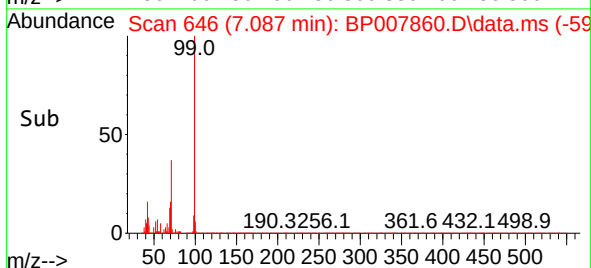
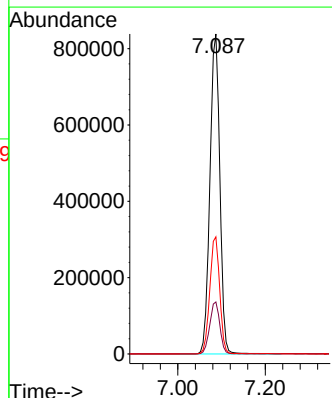
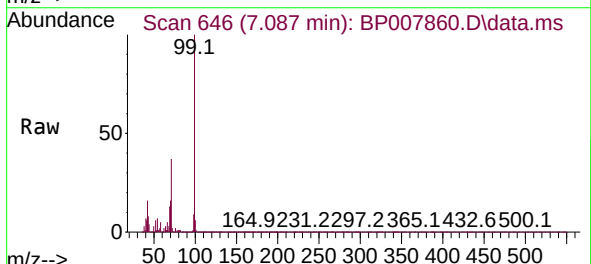
Instrument :
BNA_P
ClientSampleId :
SB03

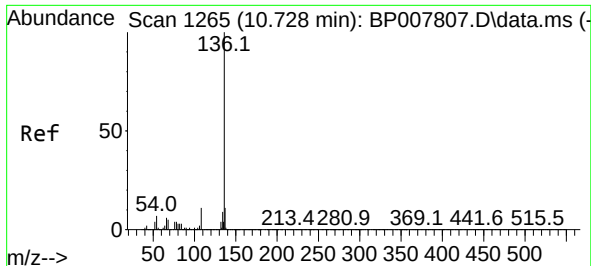
Tgt Ion:112 Resp: 1083010
Ion Ratio Lower Upper
112 100
64 53.3 46.6 70.0
63 28.5 25.0 37.6



#7
Phenol-d6
Concen: 86.730 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

Tgt Ion: 99 Resp: 1324122
Ion Ratio Lower Upper
99 100
42 16.3 14.9 22.3
71 36.6 29.2 43.8

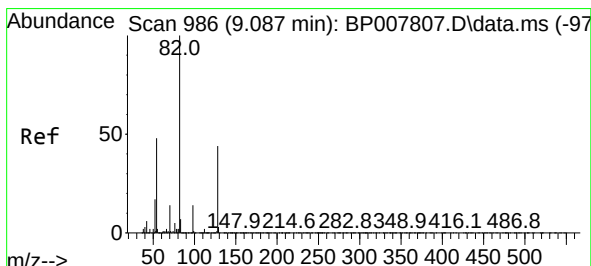
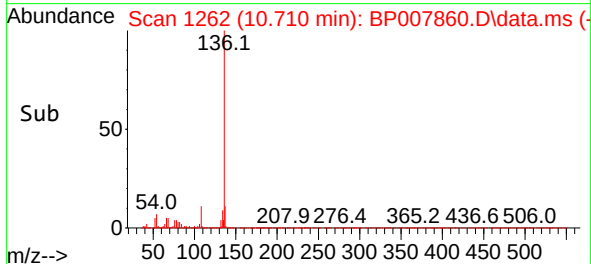
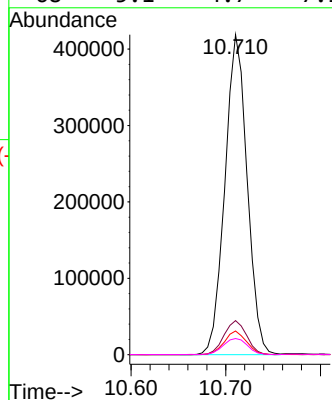
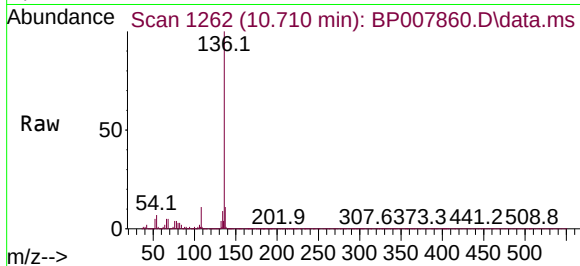




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

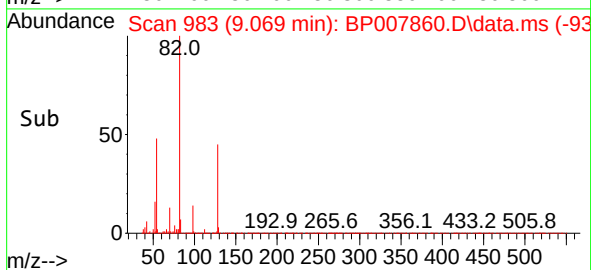
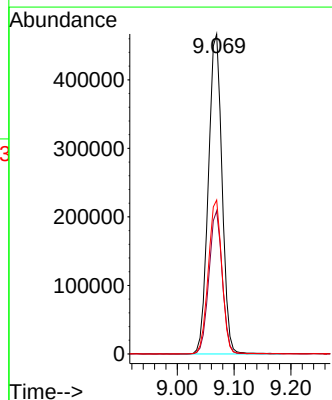
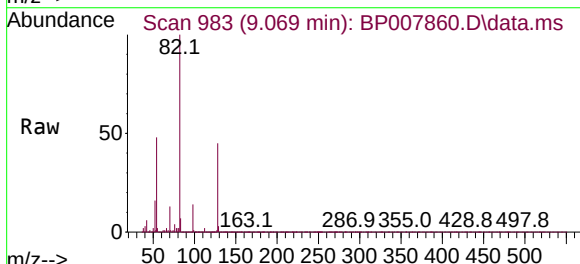
Instrument :
BNA_P
ClientSampleId :
SB03

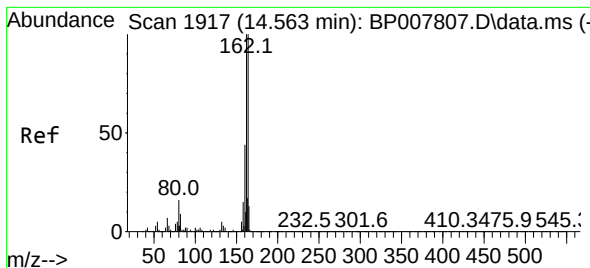
Tgt Ion:	136	Resp:	683875
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.4	6.2	9.4
68	5.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 61.025 ng
RT: 9.069 min Scan# 983
Delta R.T. -0.018 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

Tgt Ion:	82	Resp:	776915
Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	48.1	40.4	60.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BP007860.D

Acq: 04 Nov 2021 21:59

Instrument :

BNA_P

ClientSampleId :

SB03

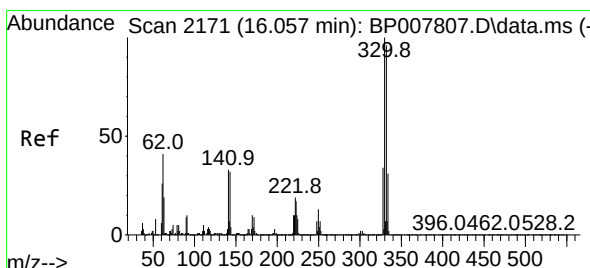
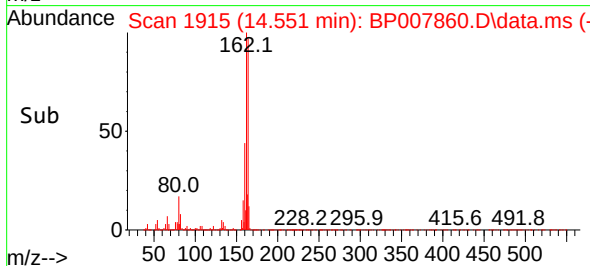
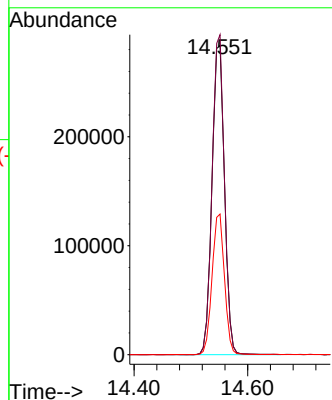
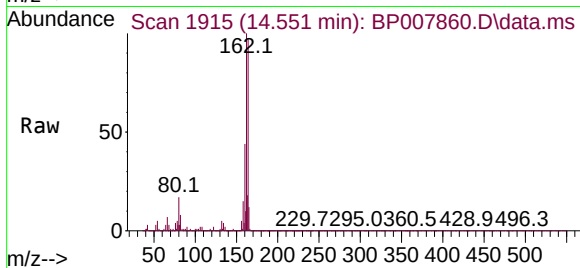
Tgt Ion:164 Resp: 432782

Ion Ratio Lower Upper

164 100

162 103.5 81.1 121.7

160 45.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 88.812 ng

RT: 16.040 min Scan# 2168

Delta R.T. -0.018 min

Lab File: BP007860.D

Acq: 04 Nov 2021 21:59

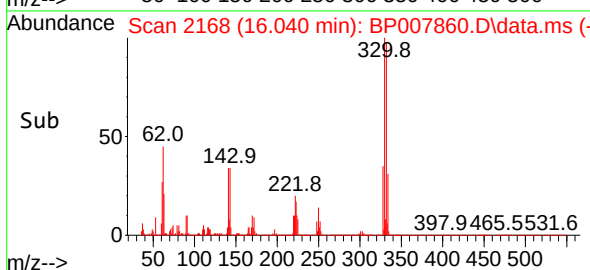
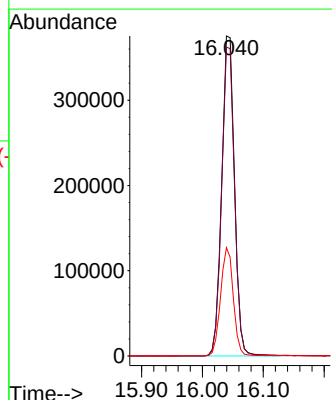
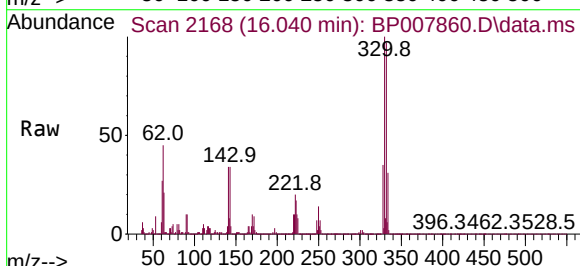
Tgt Ion:330 Resp: 548541

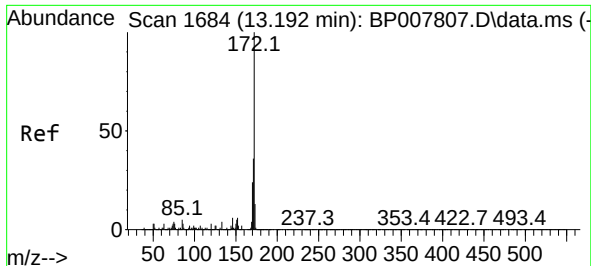
Ion Ratio Lower Upper

330 100

332 96.9 78.9 118.3

141 33.6 30.7 46.1

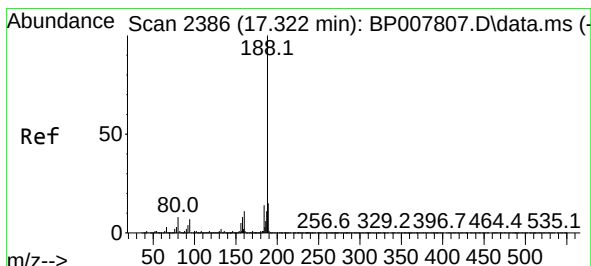
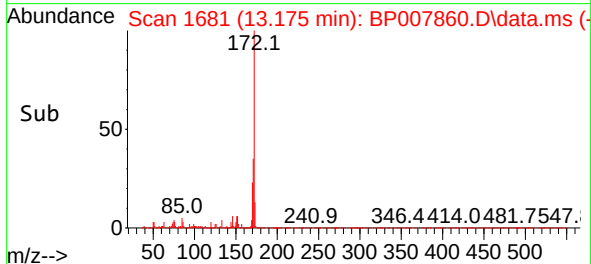
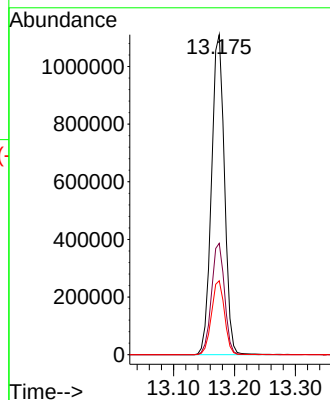
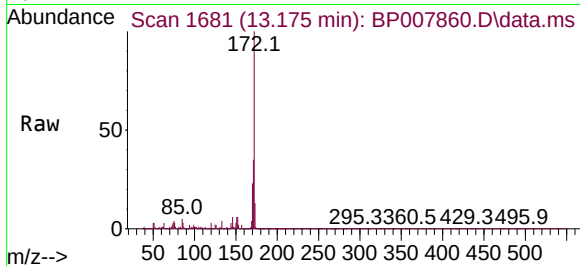




#45
2-Fluorobiphenyl
Concen: 55.346 ng
RT: 13.175 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

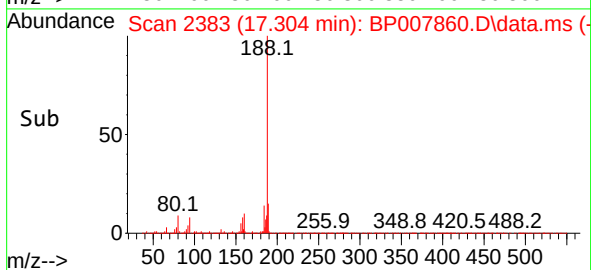
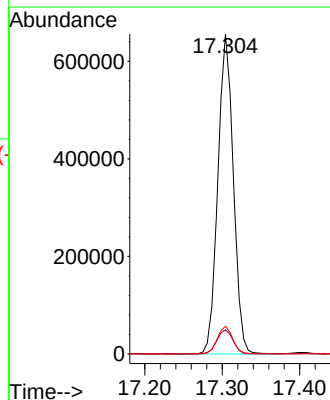
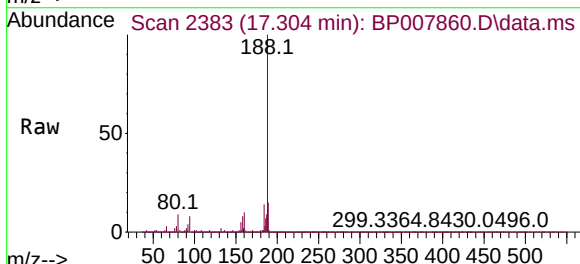
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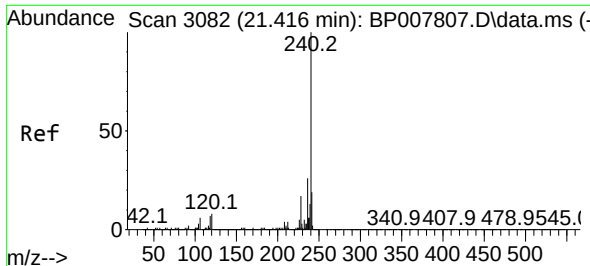
Tgt Ion:172 Resp: 1644795
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2383
Delta R.T. -0.018 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

Tgt Ion:188 Resp: 909632
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.6 7.8 11.6

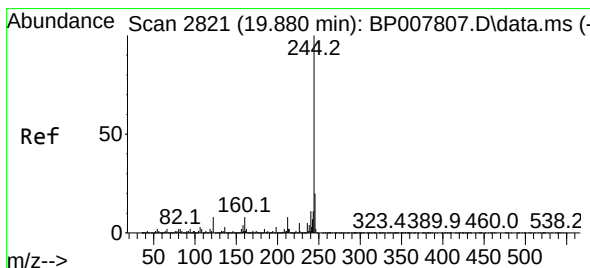
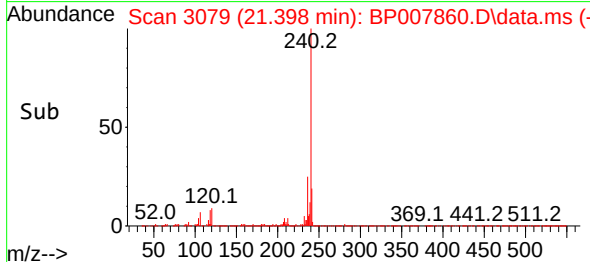
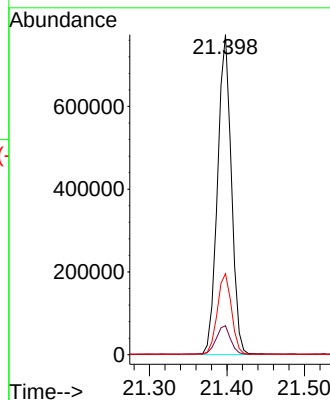
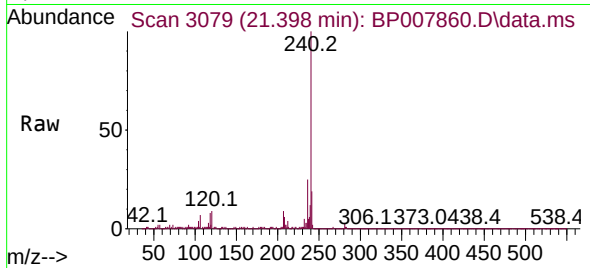




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

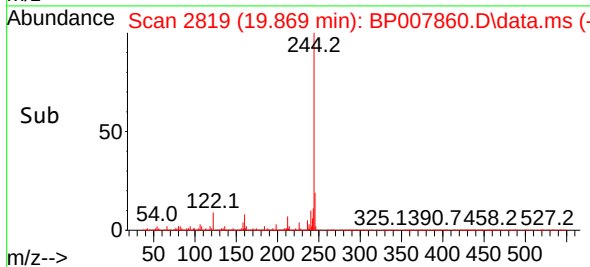
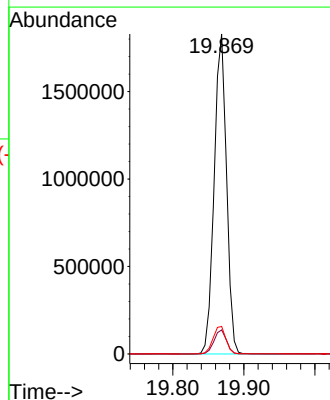
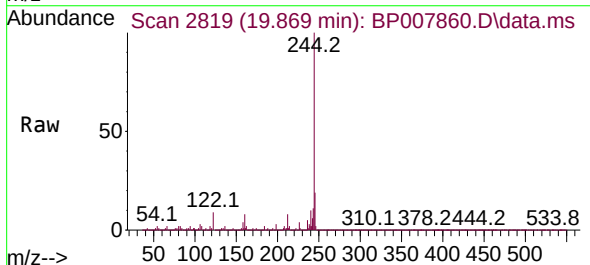
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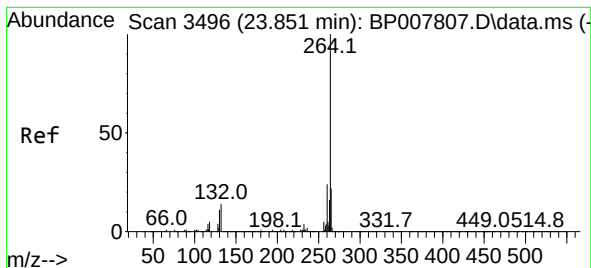
Tgt Ion:240 Resp: 957436
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.8
236 25.3 20.6 30.8



#79
Terphenyl-d14
Concen: 46.874 ng
RT: 19.869 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP007860.D
Acq: 04 Nov 2021 21:59

Tgt Ion:244 Resp: 2203958
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.6 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3496

Delta R.T. -0.018 min

Lab File: BP007860.D

Acq: 04 Nov 2021 21:59

Instrument :

BNA_P

ClientSampleId :

SB03

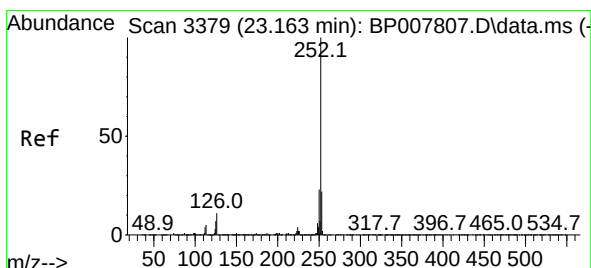
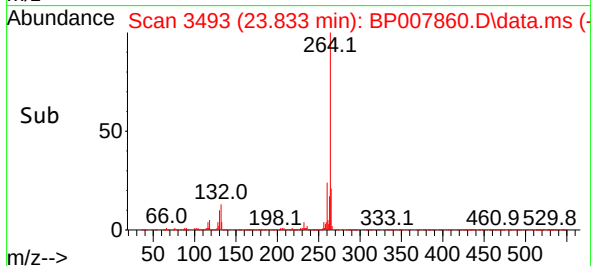
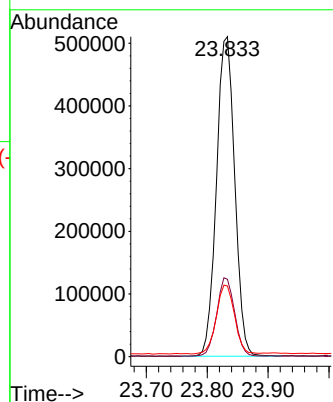
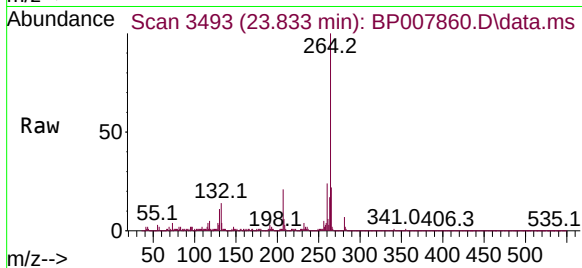
Tgt Ion:264 Resp: 1061514

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.1 16.7 25.1



#89

Benzo(k)fluoranthene

Concen: 2.010 ng

RT: 23.086 min Scan# 3366

Delta R.T. -0.076 min

Lab File: BP007860.D

Acq: 04 Nov 2021 21:59

Tgt Ion:252 Resp: 124821

Ion Ratio Lower Upper

252 100

253 30.1 17.6 26.4#

125 16.3 7.4 11.0#

