

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007897.D
 Acq On : 09 Nov 2021 19:13
 Operator : CG/JU
 Sample : M4485-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-3

Quant Time: Nov 10 11:03:50 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 09 10:45:24 2021
 Response via : Initial Calibration

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

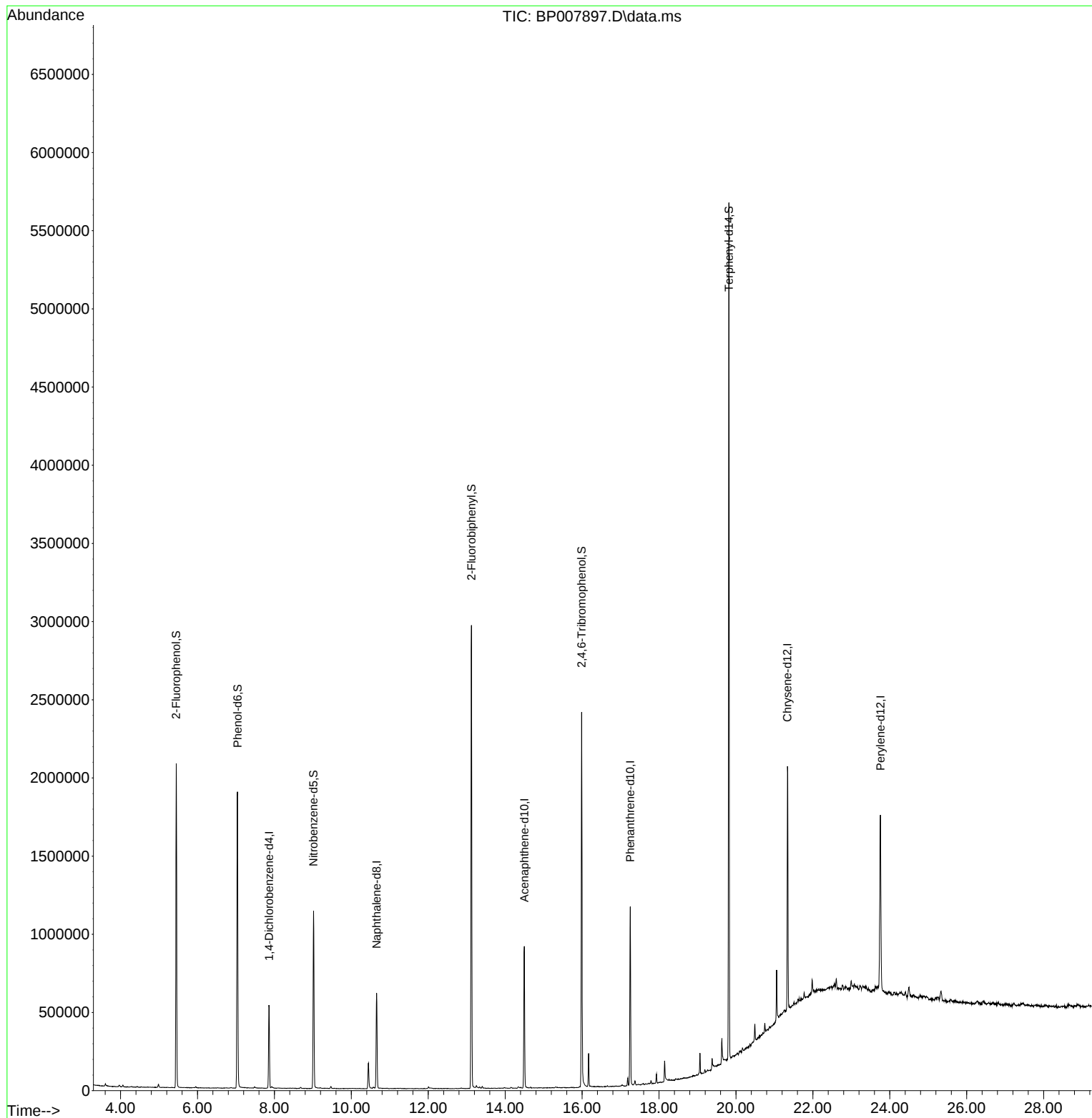
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	150364	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	506936	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	326410	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	693482	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	801673	20.000	ng	-0.01
86) Perylene-d12	23.757	264	877024	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	895415	100.993	ng	0.00
7) Phenol-d6	7.040	99	1098257	85.582	ng	0.00
23) Nitrobenzene-d5	9.016	82	634766	67.263	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	485950	104.318	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1494150	66.661	ng	0.00
79) Terphenyl-d14	19.816	244	2492533	63.311	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.364	88	187	Below Cal	#	53

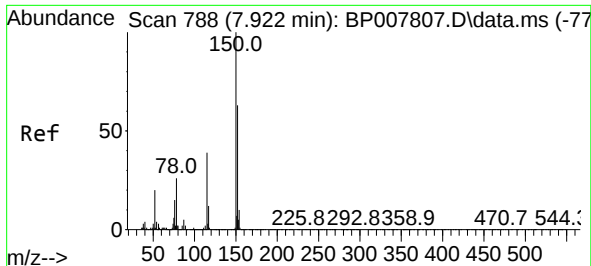
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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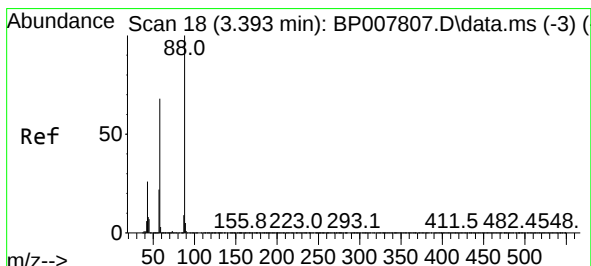
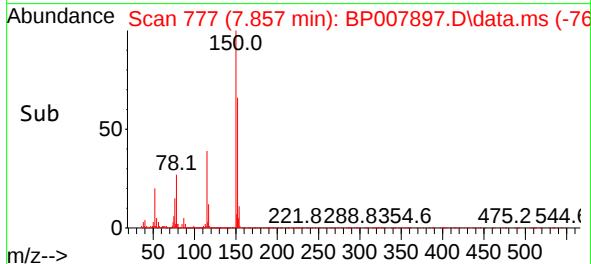
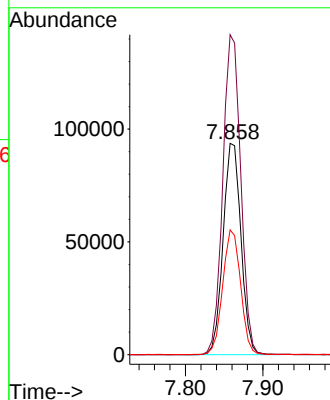
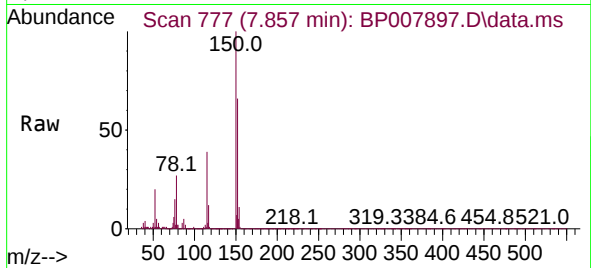




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP007897.D
 Acq: 09 Nov 2021 19:13

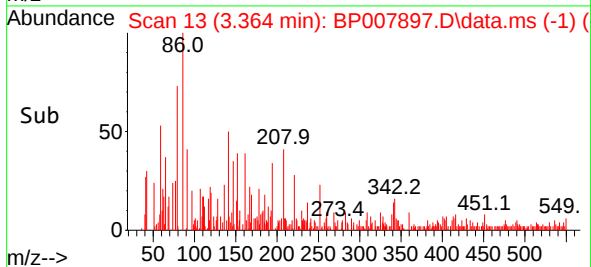
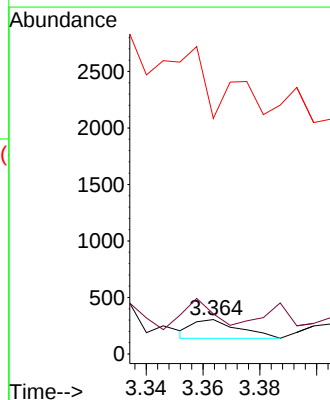
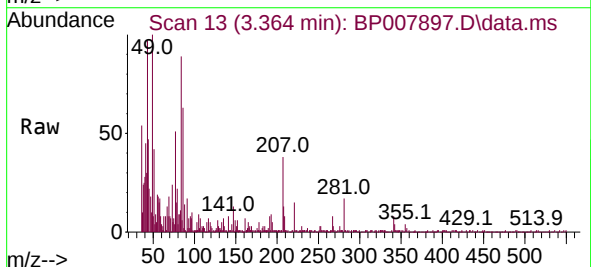
Instrument :
 BNA_F
 ClientSampleId :
 AG-3

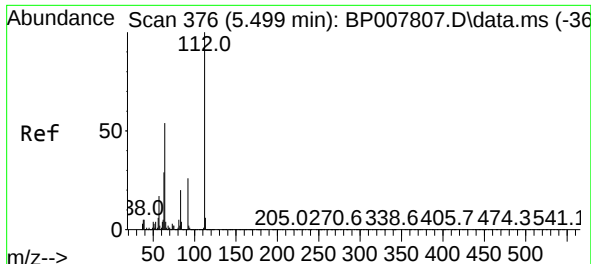
Tgt Ion:152 Resp: 150364
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.1 186.1
 115 59.0 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.364 min Scan# 13
 Delta R.T. 0.012 min
 Lab File: BP007897.D
 Acq: 09 Nov 2021 19:13

Tgt Ion: 88 Resp: 187
 Ion Ratio Lower Upper
 88 100
 58 110.2 58.1 87.1#
 43 0.0 22.2 33.4#

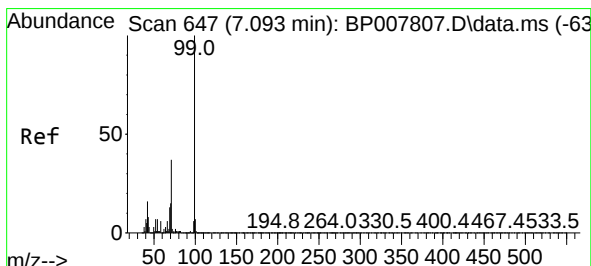
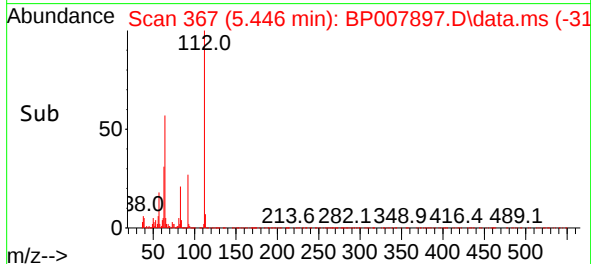
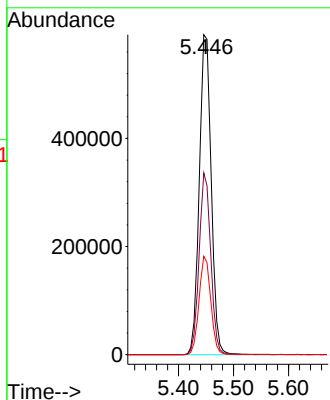
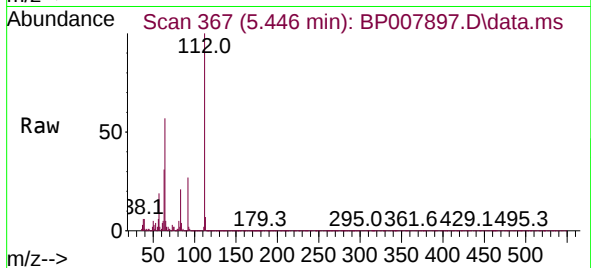




#5
2-Fluorophenol
Concen: 100.993 ng
RT: 5.446 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

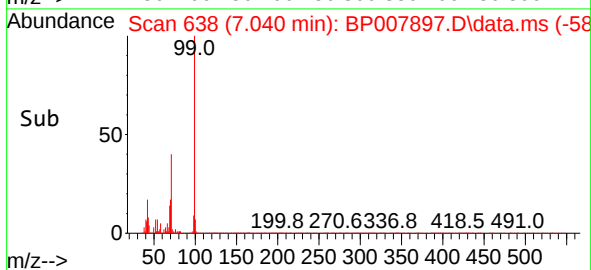
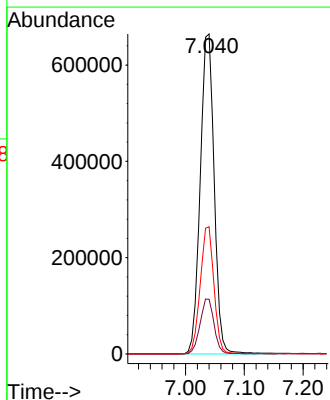
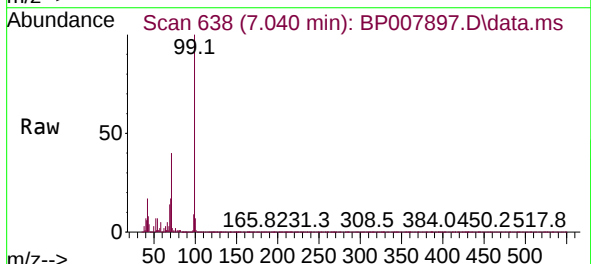
Instrument :
BNA_F
ClientSampleId :
AG-3

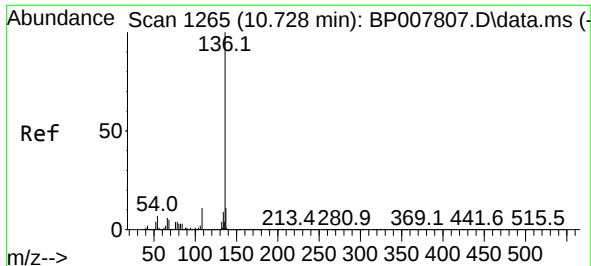
Tgt Ion:112 Resp: 895415
Ion Ratio Lower Upper
112 100
64 56.8 46.6 70.0
63 30.7 25.0 37.6



#7
Phenol-d6
Concen: 85.582 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.000 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

Tgt Ion: 99 Resp: 1098257
Ion Ratio Lower Upper
99 100
42 17.1 14.9 22.3
71 39.8 29.2 43.8

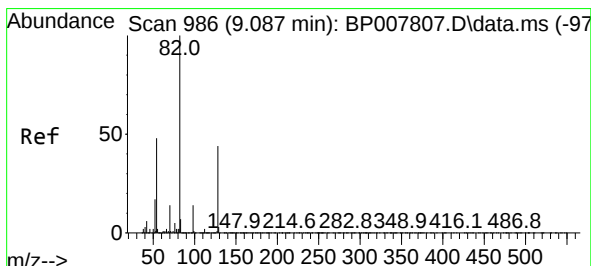
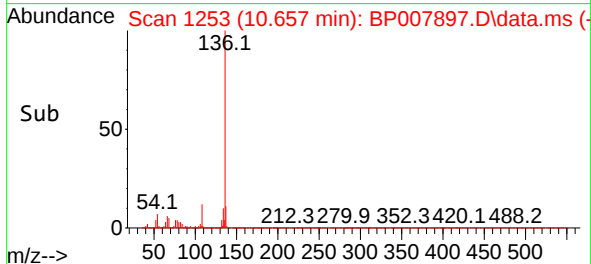
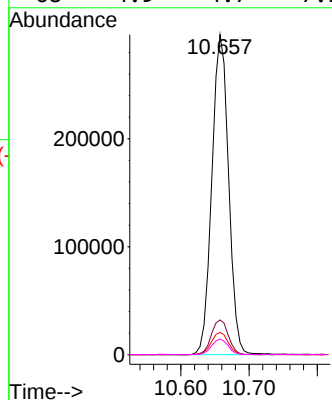
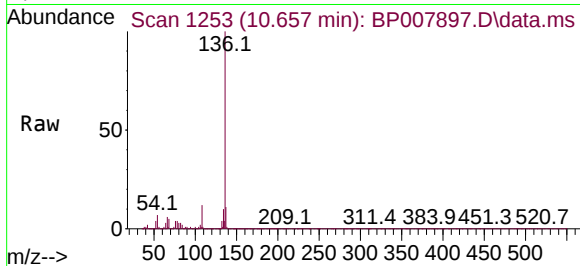




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

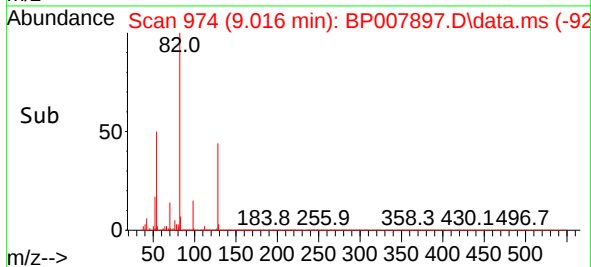
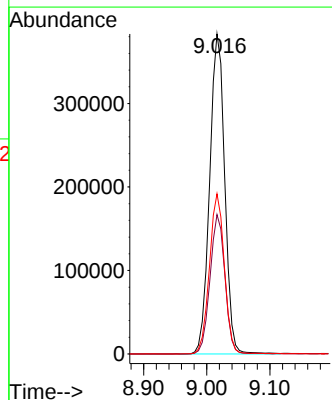
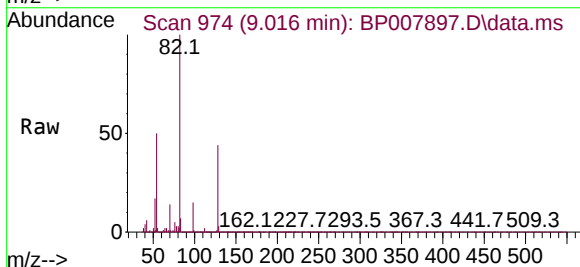
Instrument :
BNA_F
ClientSampleId :
AG-3

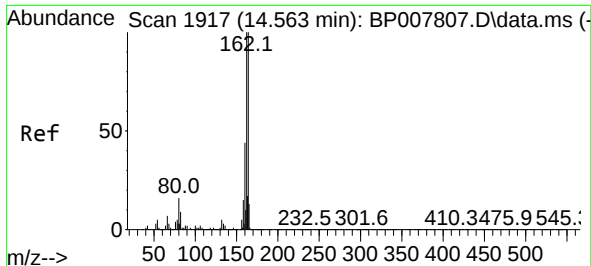
Tgt Ion:	136	Resp:	506936
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	6.2	9.4
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 67.263 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

Tgt Ion:	82	Resp:	634766
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.6	48.8
54	50.1	40.4	60.6

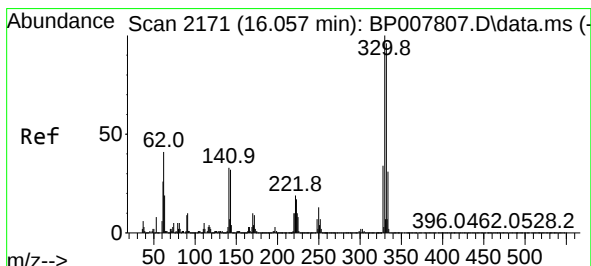
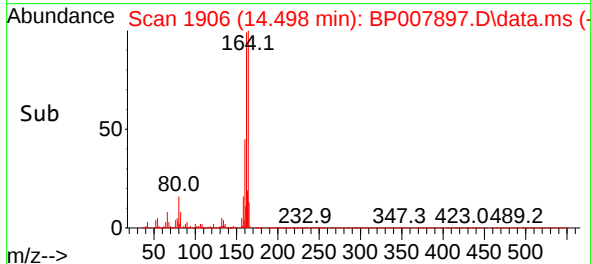
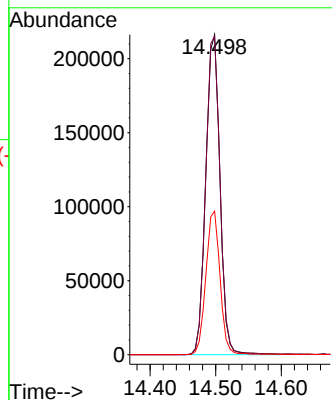
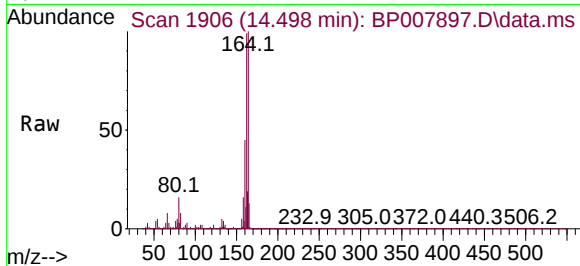




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

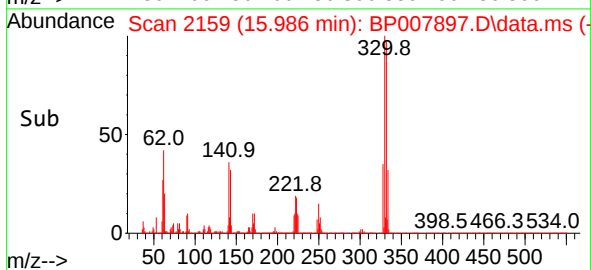
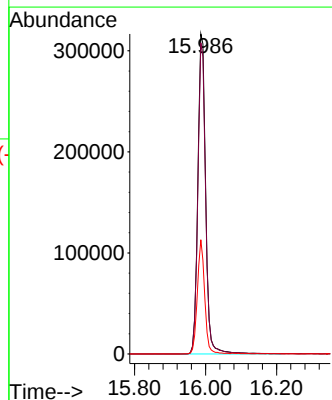
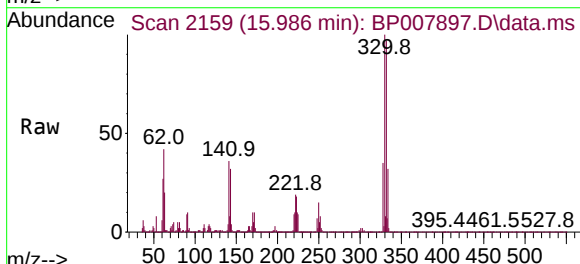
Instrument :
BNA_F
ClientSampleId :
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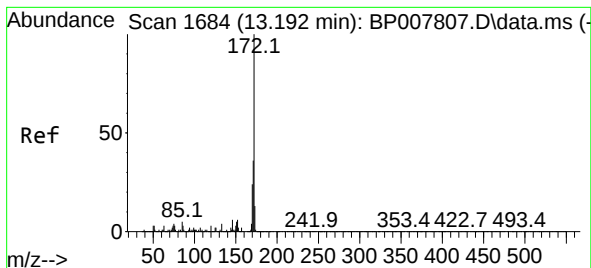
Tgt Ion:164 Resp: 326410
Ion Ratio Lower Upper
164 100
162 99.5 81.1 121.7
160 44.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 104.318 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

Tgt Ion:330 Resp: 485950
Ion Ratio Lower Upper
330 100
332 96.2 78.9 118.3
141 33.4 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 66.661 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP007897.D

Acq: 09 Nov 2021 19:13

Instrument :

BNA_F

ClientSampleId :

AG-3

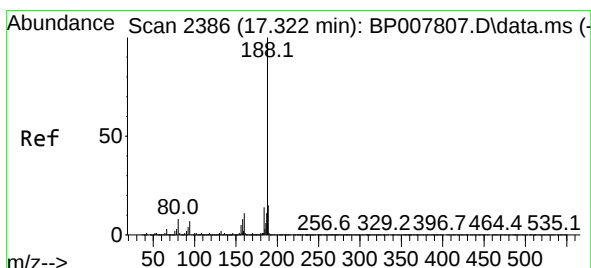
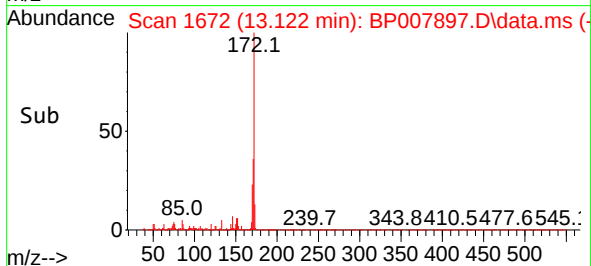
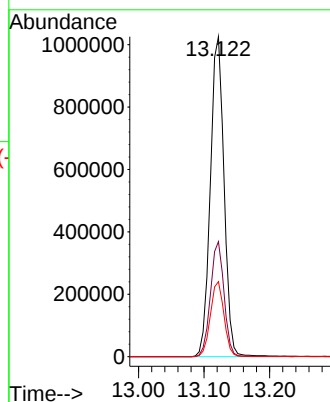
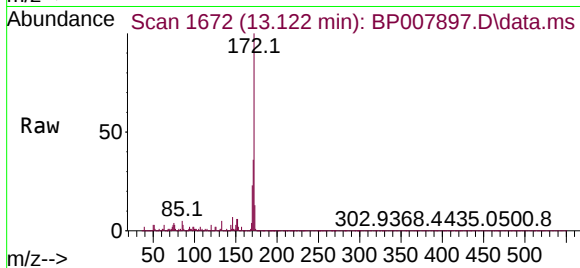
Tgt Ion:172 Resp: 1494150

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.5 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BP007897.D

Acq: 09 Nov 2021 19:13

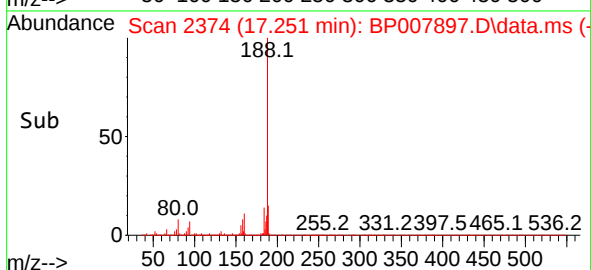
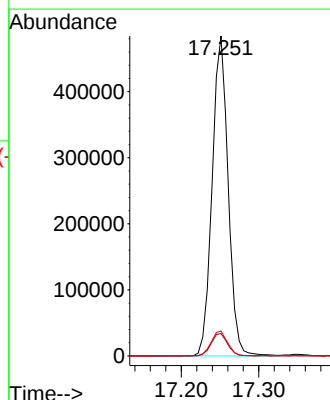
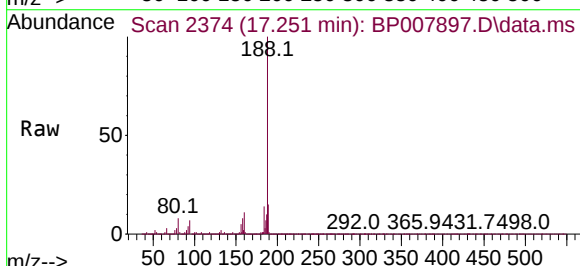
Tgt Ion:188 Resp: 693482

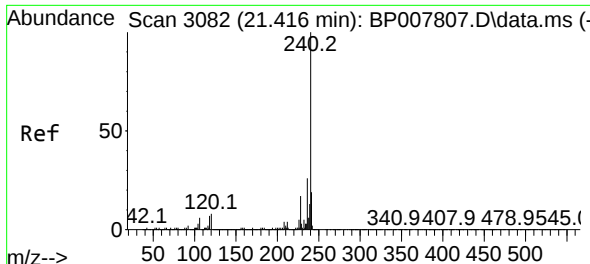
Ion Ratio Lower Upper

188 100

94 7.0 7.1 10.7#

80 7.8 7.8 11.6

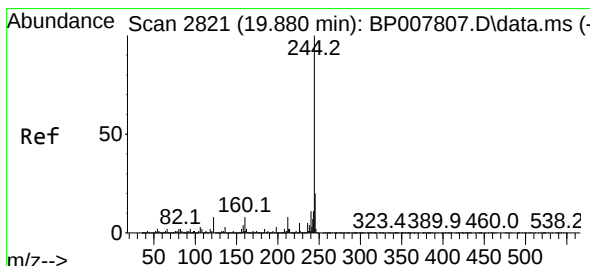
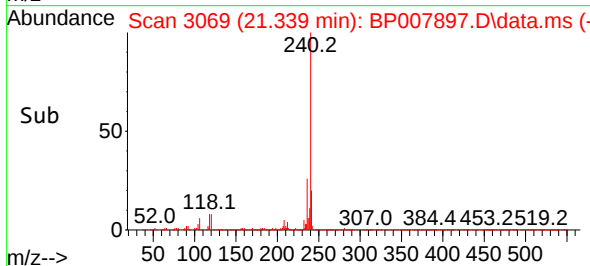
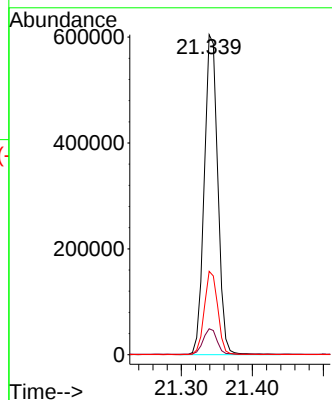
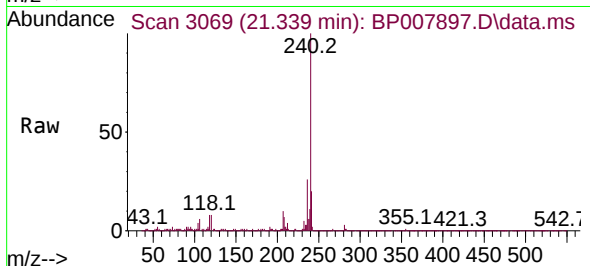




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

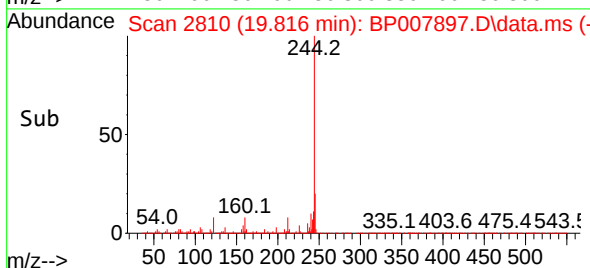
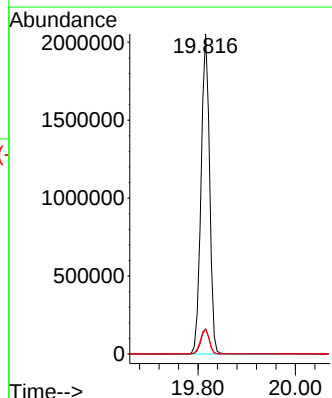
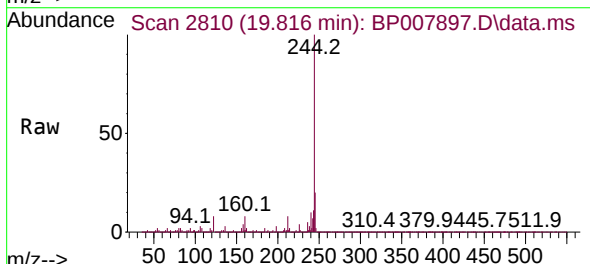
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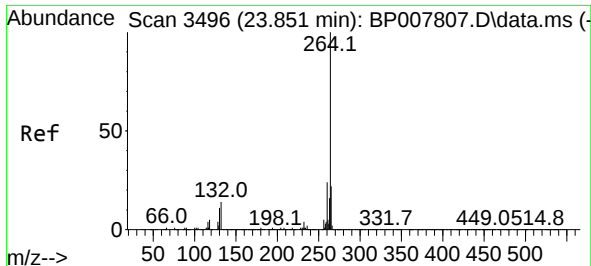
Tgt Ion:240 Resp: 801673
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.8
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 63.311 ng
RT: 19.816 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

Tgt Ion:244 Resp: 2492533
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 7.8 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP007897.D
Acq: 09 Nov 2021 19:13

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 877024

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.6	16.7	25.1

