

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007898.D
 Acq On : 09 Nov 2021 19:47
 Operator : CG/JU
 Sample : M4485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-4

Quant Time: Nov 10 11:04:12 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)

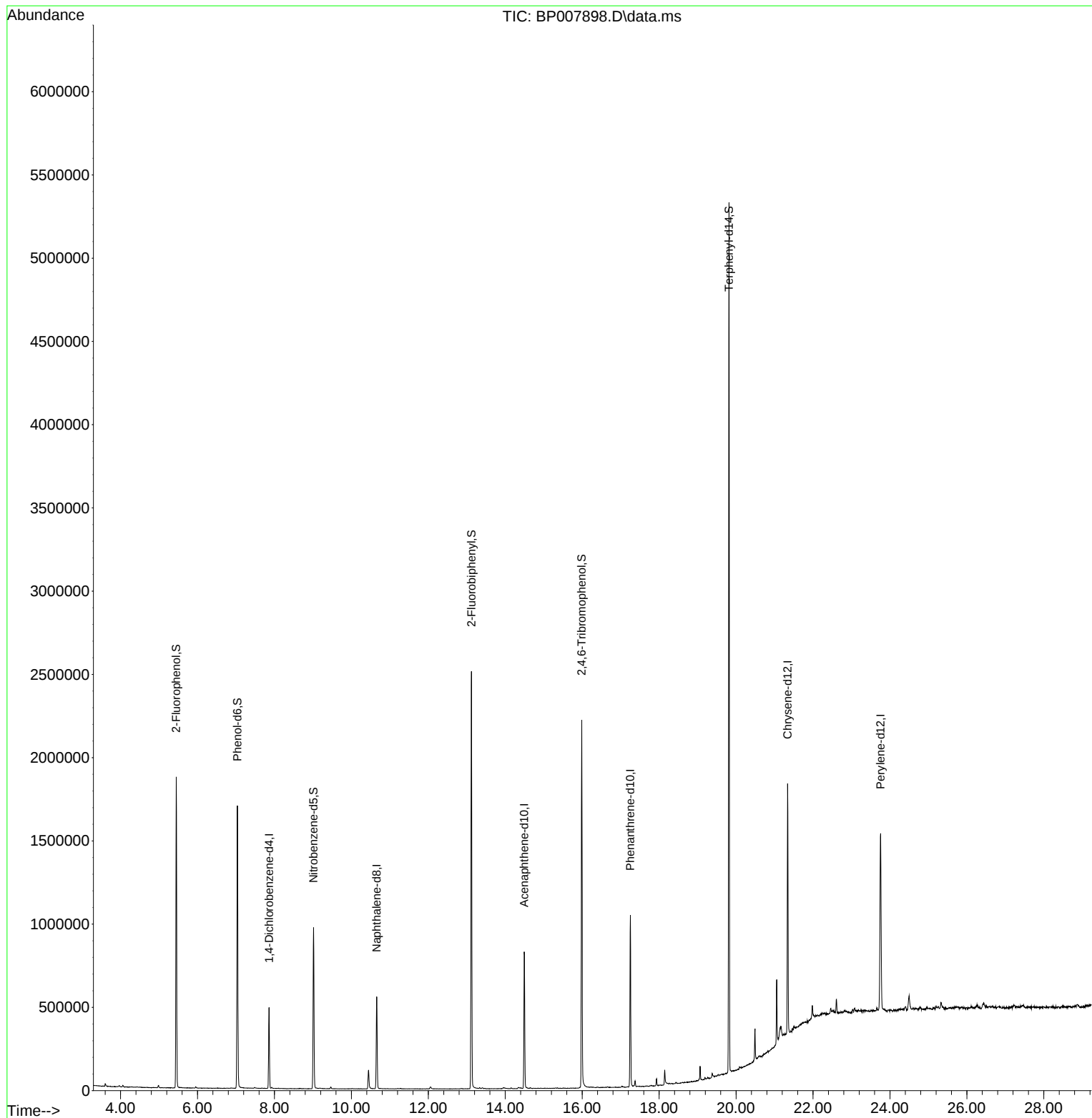
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	129877	20.000	ng	0.00
21) Naphthalene-d8	10.658	136	450424	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	289051	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	639912	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	755603	20.000	ng	-0.01
86) Perylene-d12	23.757	264	837899	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	785593	102.583	ng	0.00
7) Phenol-d6	7.034	99	959763	86.587	ng	0.00
23) Nitrobenzene-d5	9.016	82	540683	64.482	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	437799	106.129	ng	-0.01
45) 2-Fluorobiphenyl	13.122	172	1317082	66.356	ng	0.00
79) Terphenyl-d14	19.816	244	2377334	64.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.358	88	258	Below Cal	#	Qvalue 1

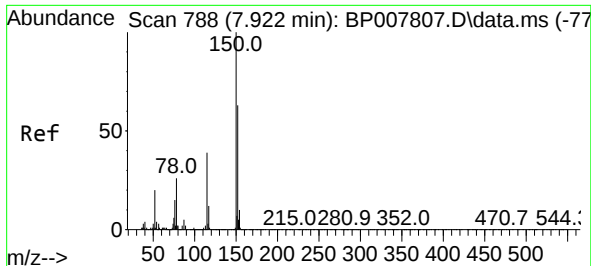
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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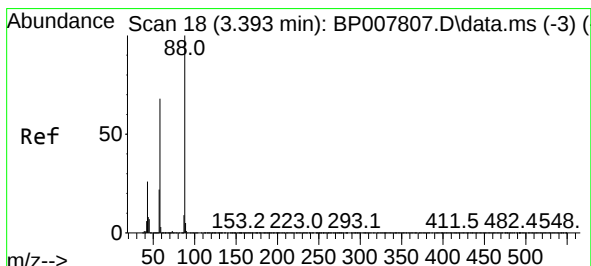
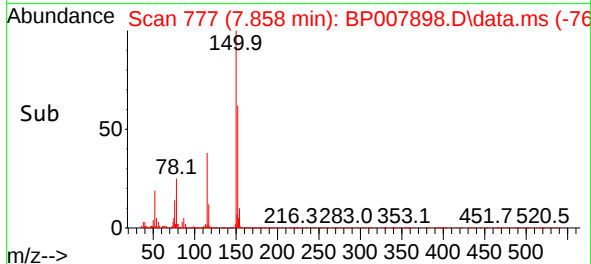
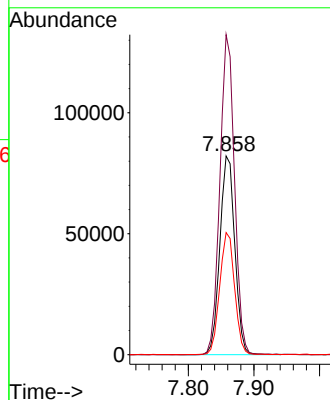
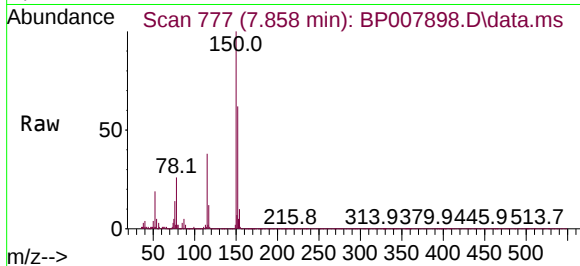




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

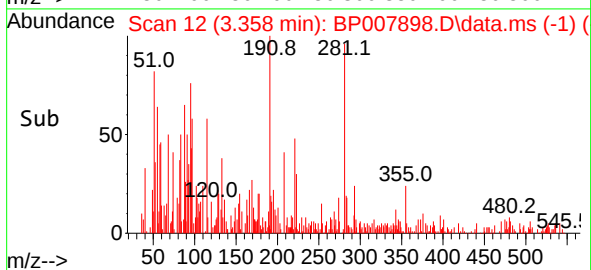
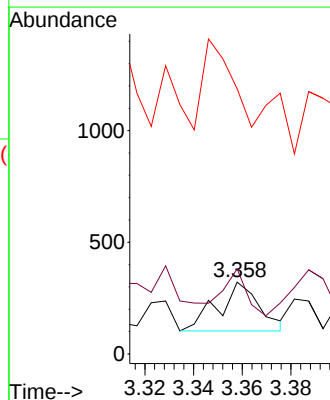
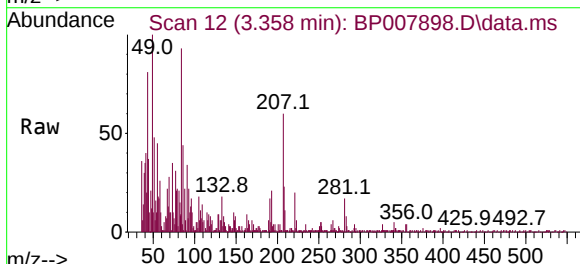
Instrument :
BNA_F
ClientSampleId :
AG-4

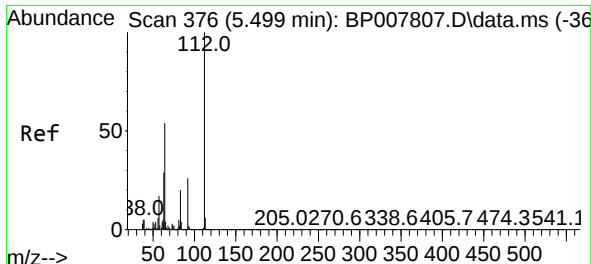
Tgt Ion:152 Resp: 129877
Ion Ratio Lower Upper
152 100
150 161.0 124.1 186.1
115 61.4 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.358 min Scan# 12
Delta R.T. 0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
58 51.2 58.1 87.1#
43 251.6 22.2 33.4#

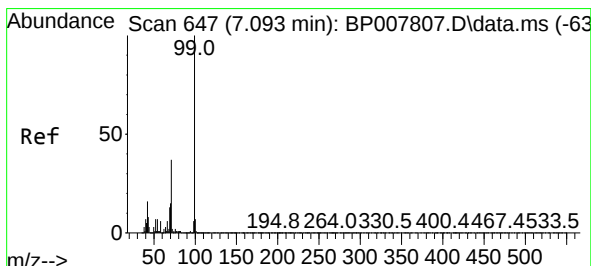
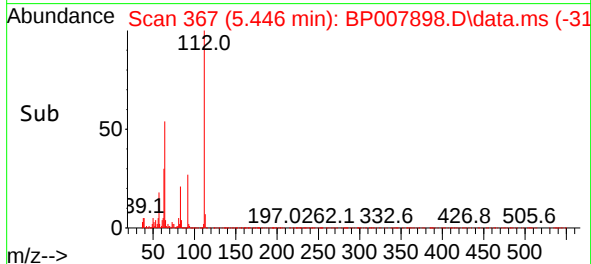
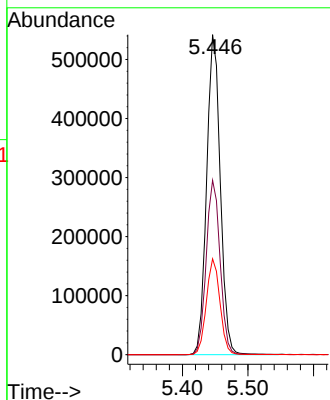
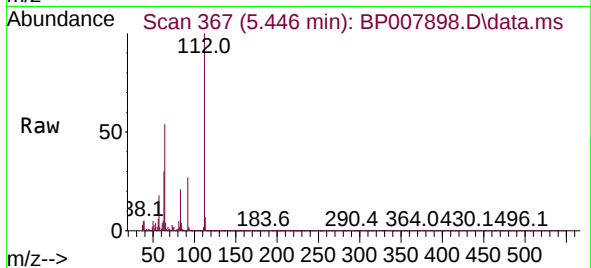




#5
2-Fluorophenol
Concen: 102.583 ng
RT: 5.446 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

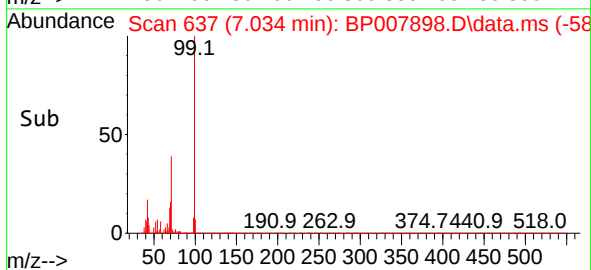
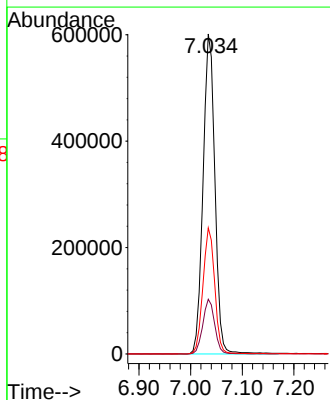
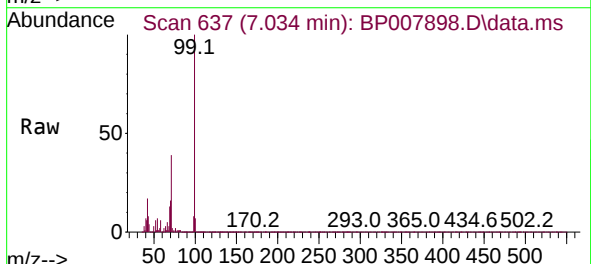
Instrument :
BNA_F
ClientSampleId :
AG-4

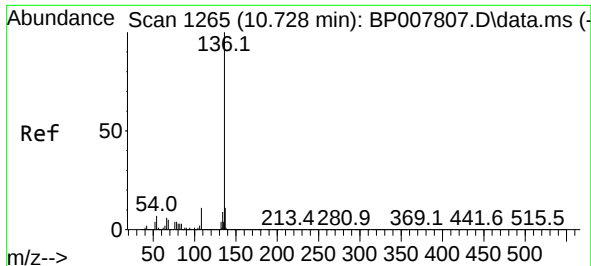
Tgt Ion:112 Resp: 785593
Ion Ratio Lower Upper
112 100
64 54.5 46.6 70.0
63 29.9 25.0 37.6



#7
Phenol-d6
Concen: 86.587 ng
RT: 7.034 min Scan# 637
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion: 99 Resp: 959763
Ion Ratio Lower Upper
99 100
42 17.1 14.9 22.3
71 39.4 29.2 43.8

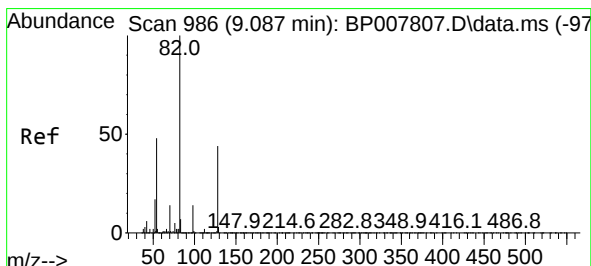
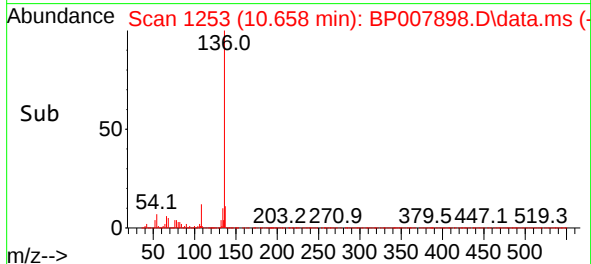
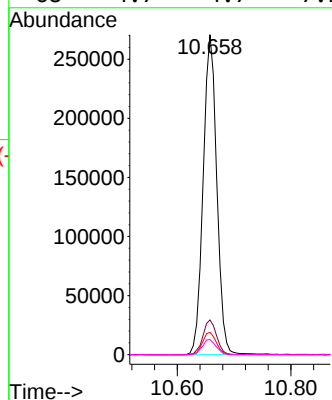
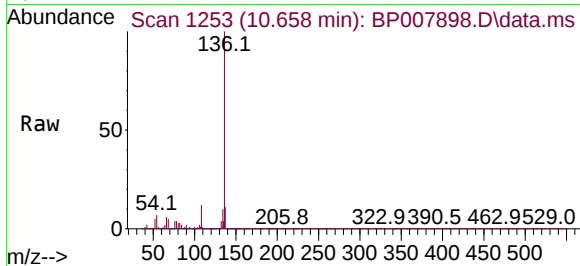




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.658 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

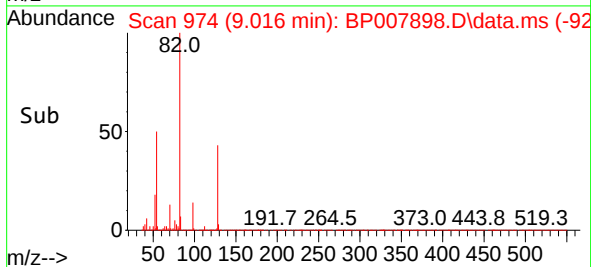
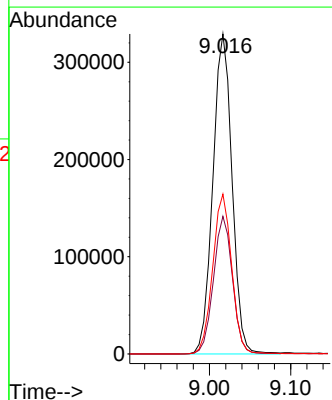
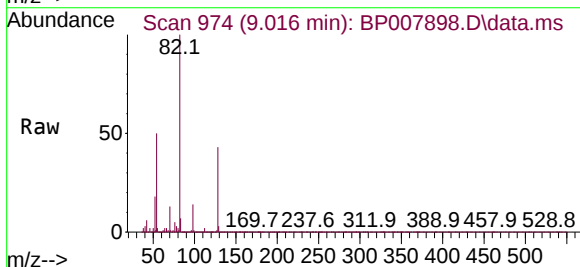
Instrument :
BNA_F
ClientSampleId :
AG-4

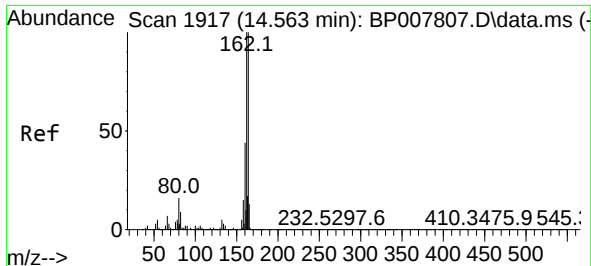
Tgt Ion:	136	Resp:	450424
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	6.2	9.4
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 64.482 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.012 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion:	82	Resp:	540683
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	48.8
54	49.9	40.4	60.6

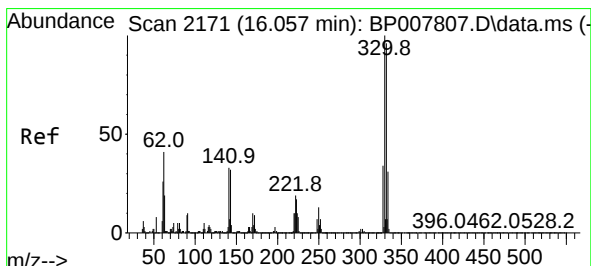
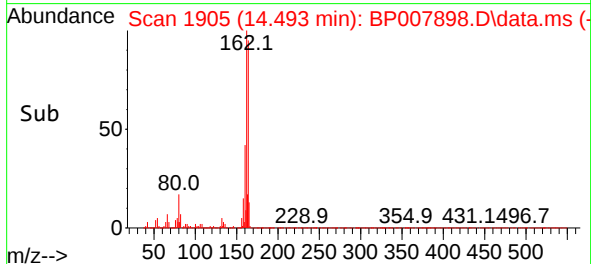
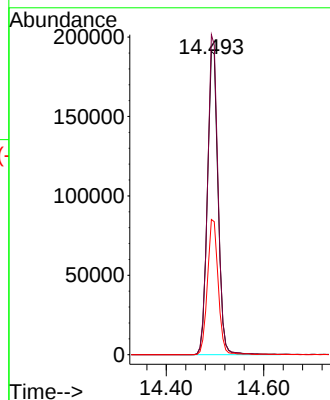
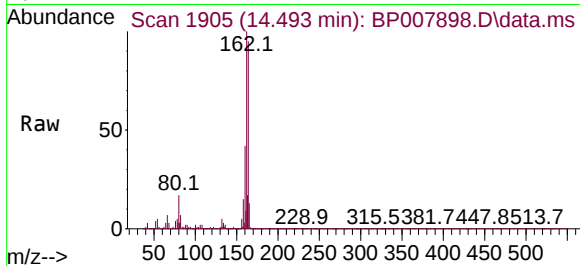




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

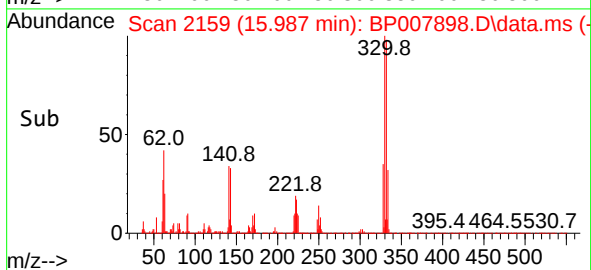
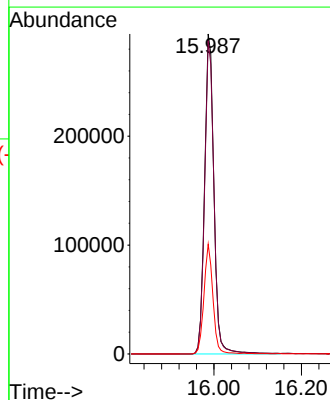
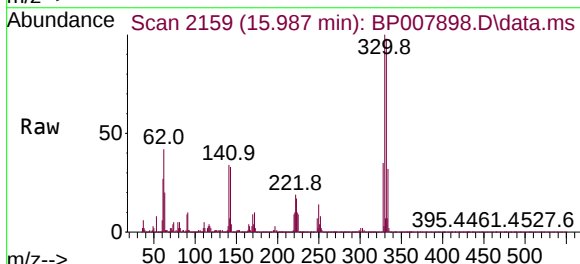
Instrument :
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ClientSampleId :
AG-4

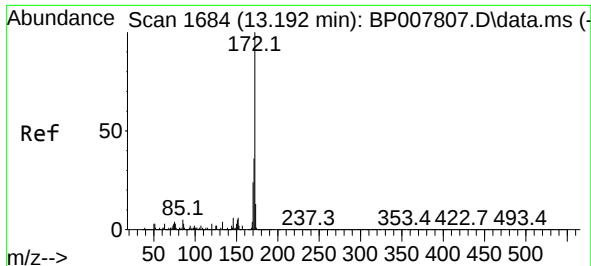
Tgt Ion:164 Resp: 289051
Ion Ratio Lower Upper
164 100
162 105.5 81.1 121.7
160 44.6 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 106.129 ng
RT: 15.987 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion:330 Resp: 437799
Ion Ratio Lower Upper
330 100
332 97.7 78.9 118.3
141 32.9 30.7 46.1

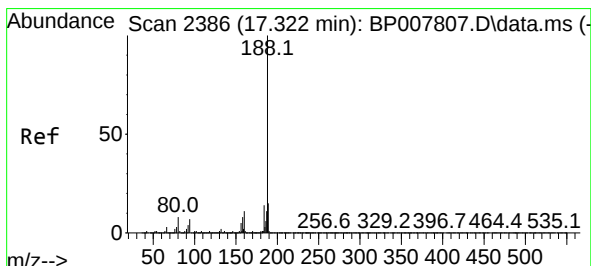
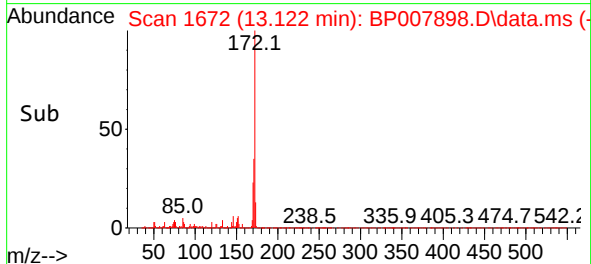
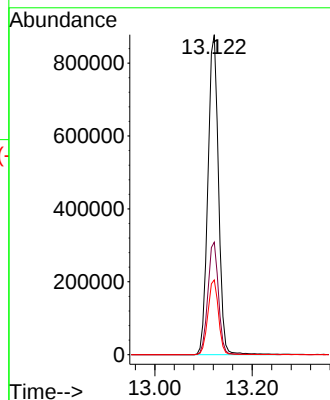
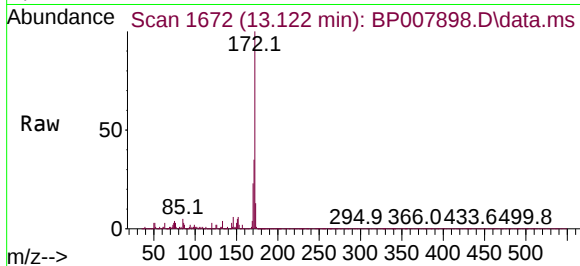




#45
2-Fluorobiphenyl
Concen: 66.356 ng
RT: 13.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

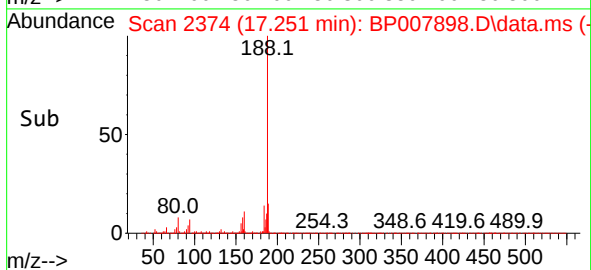
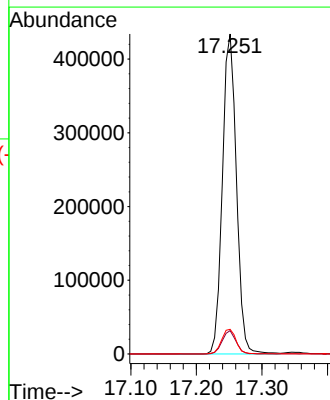
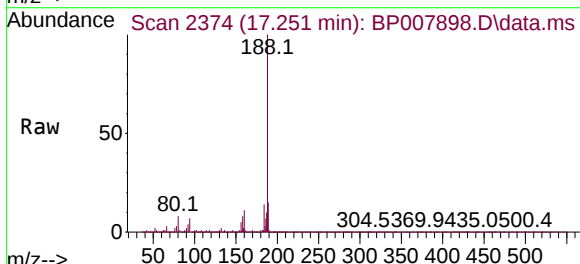
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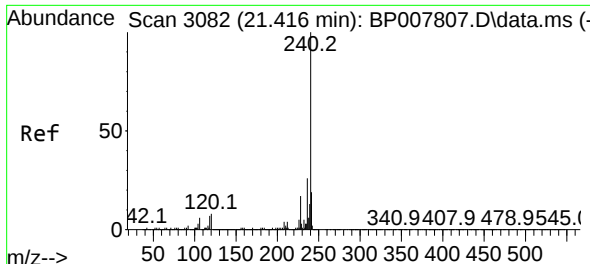
Tgt Ion:172 Resp: 1317082
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion:188 Resp: 639912
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.7 7.8 11.6#

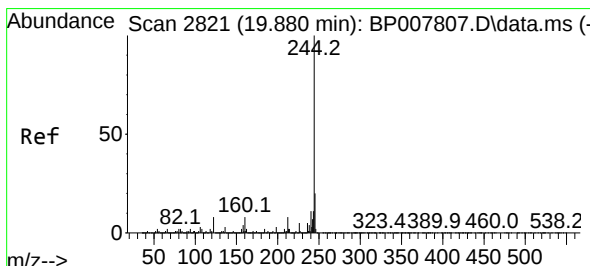
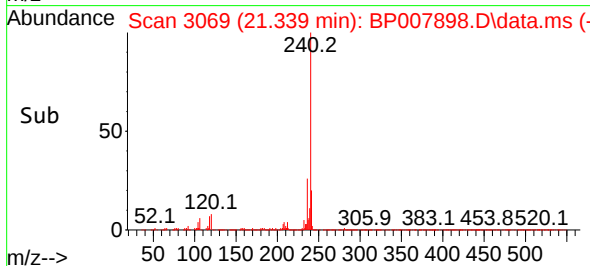
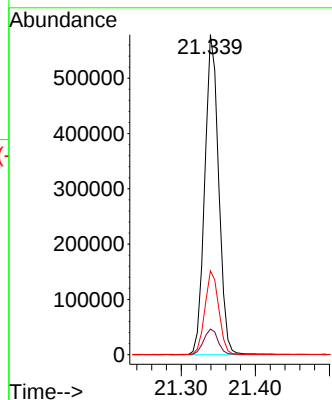
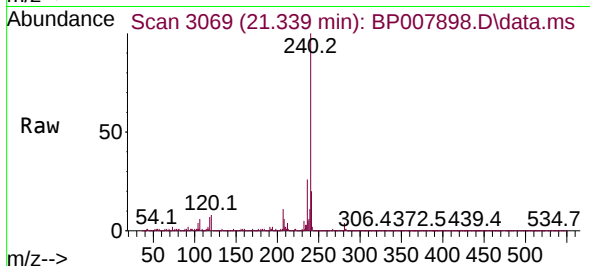




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

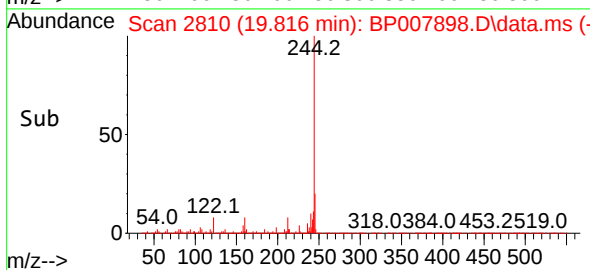
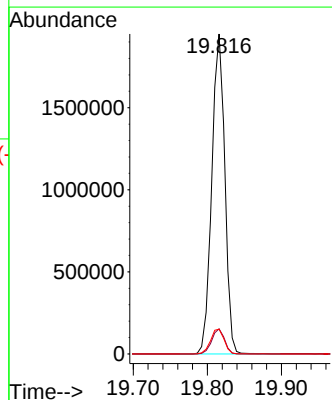
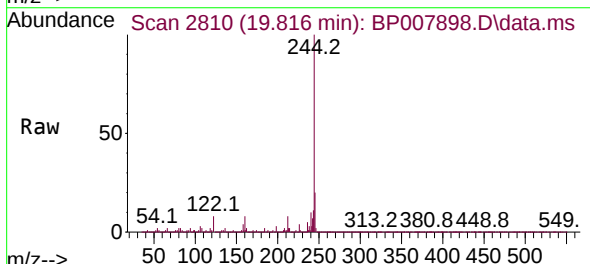
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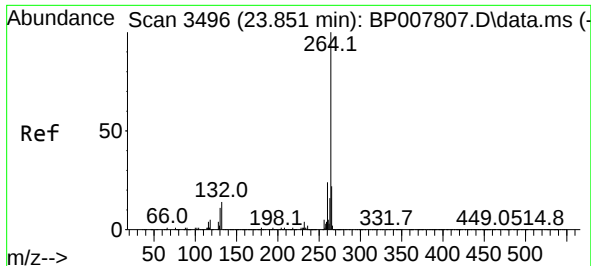
Tgt Ion:240 Resp: 755603
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.8
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 64.067 ng
RT: 19.816 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP007898.D
Acq: 09 Nov 2021 19:47

Tgt Ion:244 Resp: 2377334
Ion Ratio Lower Upper
244 100
212 7.9 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: BP007898.D

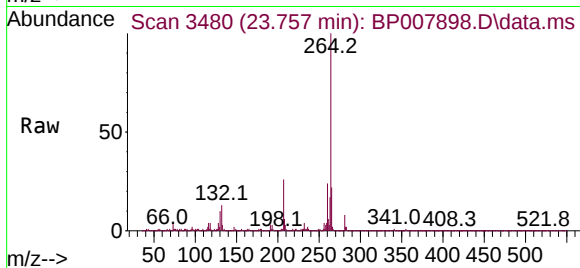
Acq: 09 Nov 2021 19:47

Instrument :

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Tgt Ion:264 Resp: 837899

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.0 16.7 25.1

