

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004834.D
 Acq On : 19 Feb 2021 22:03
 Operator : CG/JU
 Sample : M1435-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-021721

Quant Time: Feb 19 23:55:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

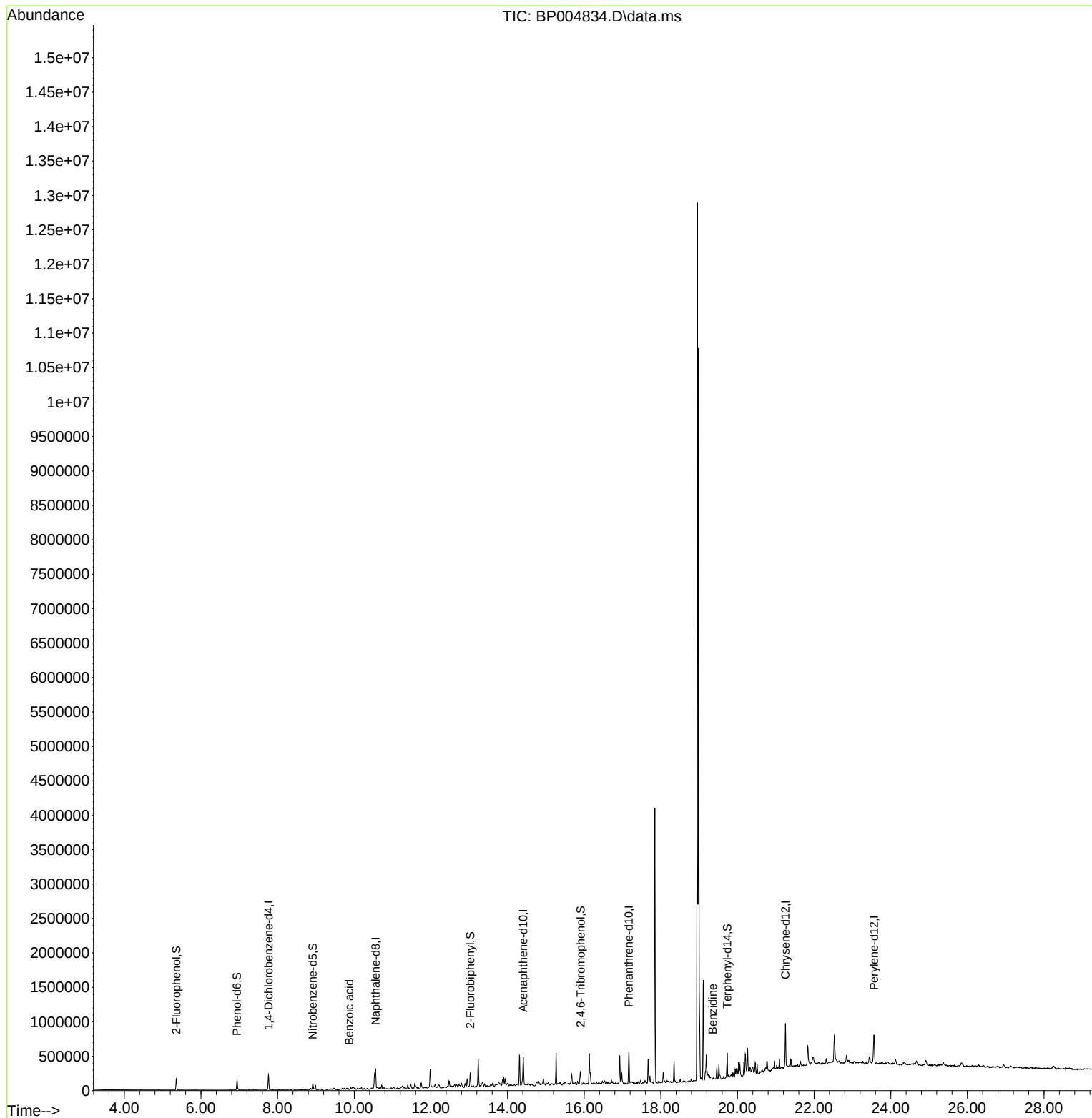
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	58921	20.00	ng	0.00
21) Naphthalene-d8	10.557	136	222443	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	126866	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	271547	20.00	ng	0.00
76) Chrysene-d12	21.251	240	279597	20.00	ng	0.00
86) Perylene-d12	23.563	264	294553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	67570	17.71	ng	0.00
7) Phenol-d6	6.940	99	80479	15.34	ng	0.00
23) Nitrobenzene-d5	8.916	82	51522	10.09	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	30070	17.84	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	106324	10.24	ng	0.00
79) Terphenyl-d14	19.733	244	149649	8.99	ng	0.00
Target Compounds						
32) Benzoic acid	9.869	122	42	6.86	ng	# 1
77) Benzidine	19.357	184	123	2.16	ng	# 1

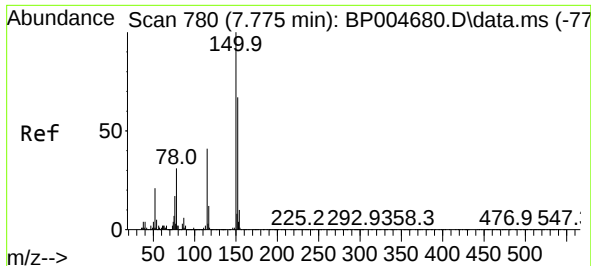
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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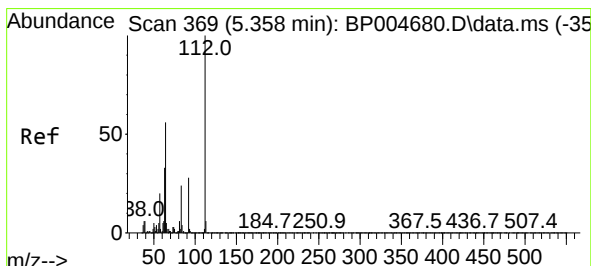
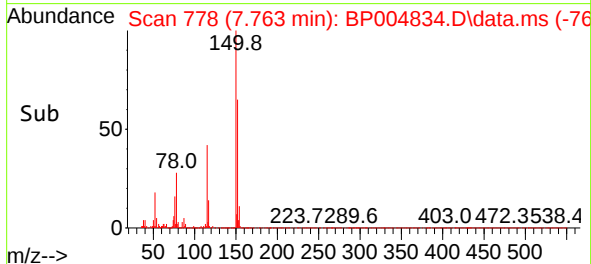
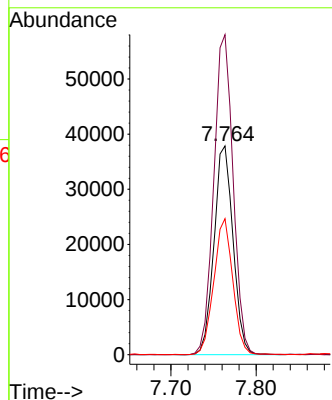
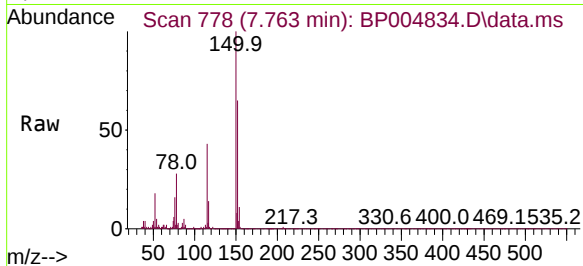




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

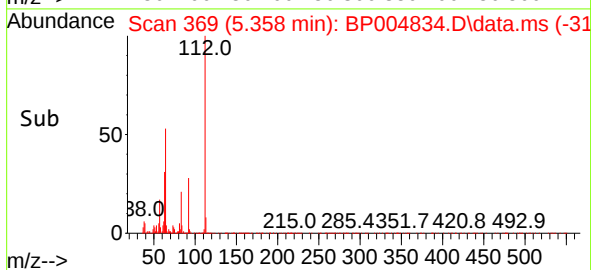
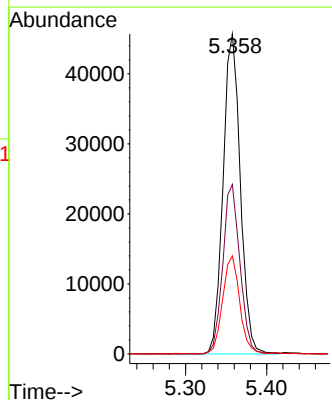
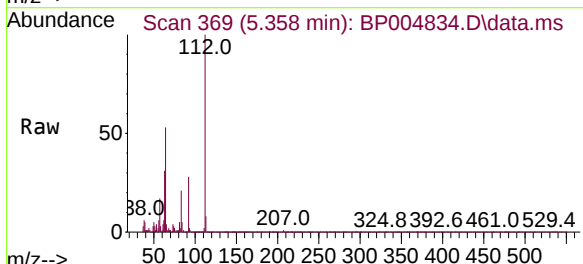
Instrument :
BNA_P
ClientSampleId :
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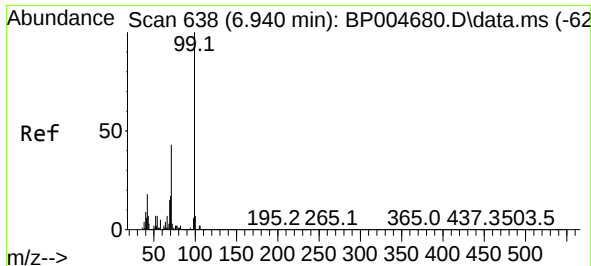
Tgt Ion:152 Resp: 58921
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 65.1 43.8 65.6



#5
2-Fluorophenol
Concen: 17.71 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion:112 Resp: 67570
Ion Ratio Lower Upper
112 100
64 53.0 32.8 49.2#
63 30.6 17.0 25.4#

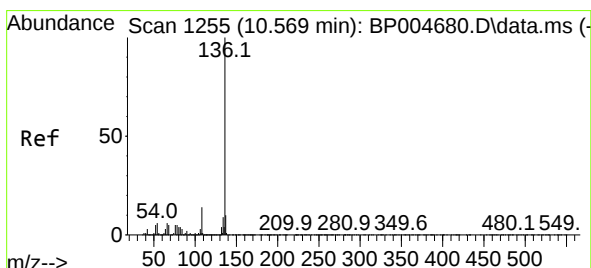
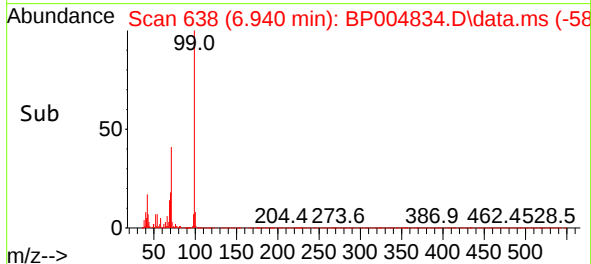
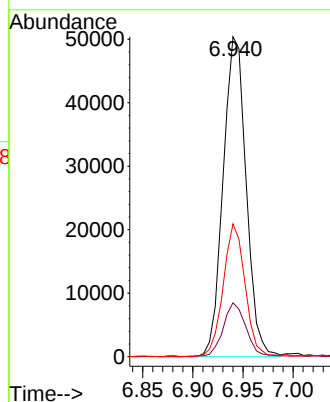
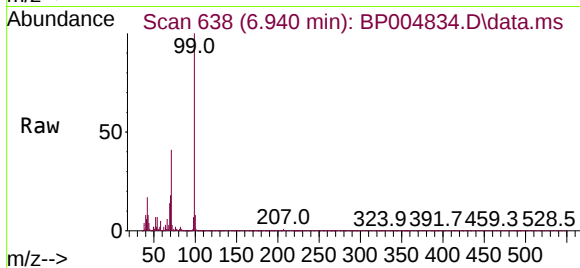




#7
Phenol-d6
Concen: 15.34 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.005 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

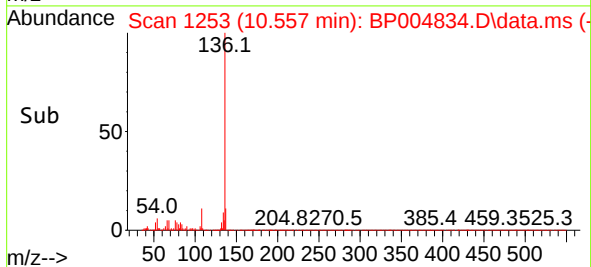
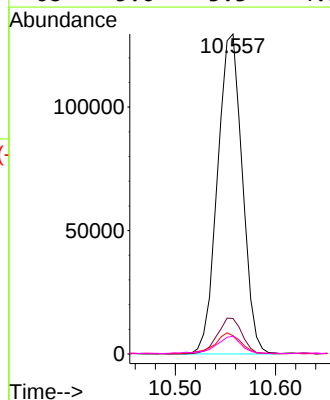
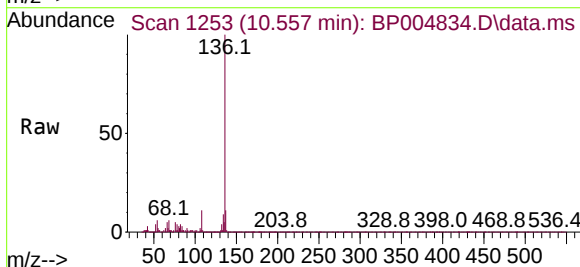
Instrument :
BNA_P
ClientSampleId :
SU-04-021721

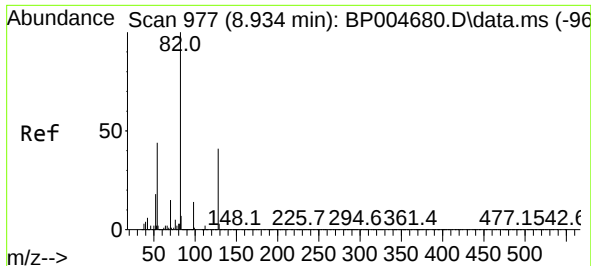
Tgt Ion:	99	Resp:	80479
Ion	Ratio	Lower	Upper
99	100		
42	16.9	8.6	13.0#
71	41.5	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion:	136	Resp:	222443
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	3.6	5.4#
68	5.6	3.3	4.9#

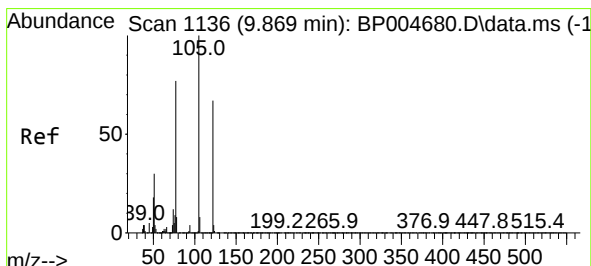
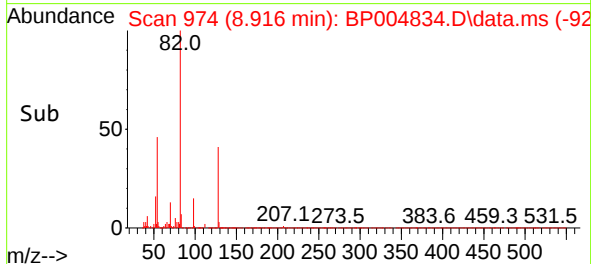
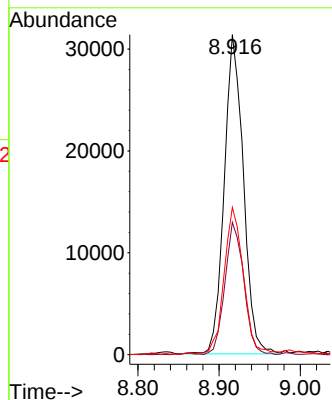
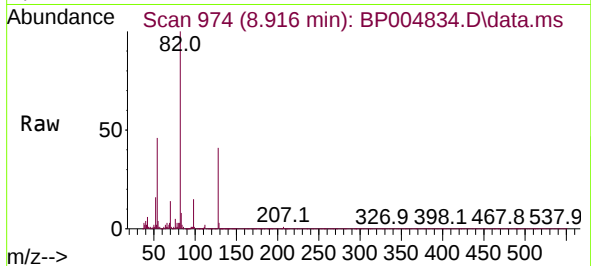




#23
Nitrobenzene-d5
Concen: 10.09 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.005 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

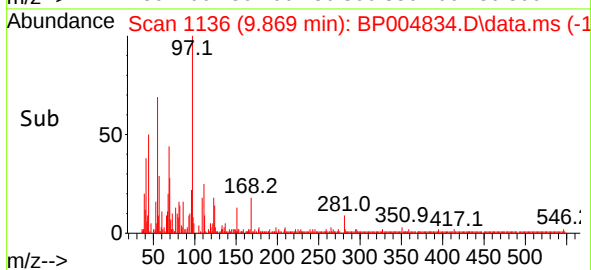
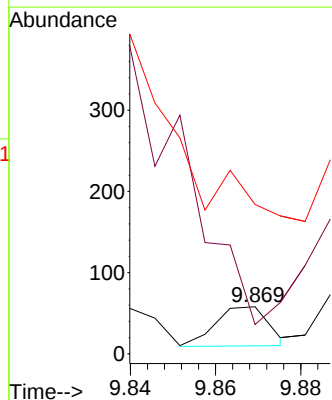
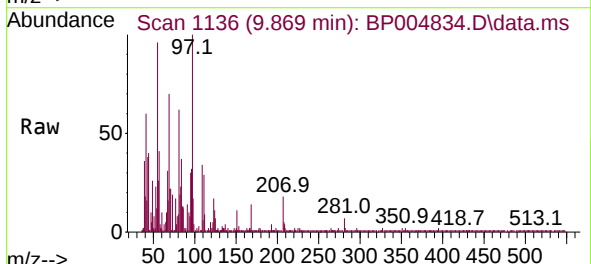
Instrument :
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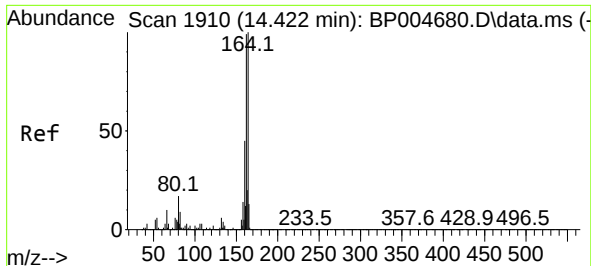
Tgt Ion: 82 Resp: 51522
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 46.0 30.1 45.1#



#32
Benzoic acid
Concen: 6.86 ng
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 62.1 94.1 134.1#
77 317.2 50.1 90.1#

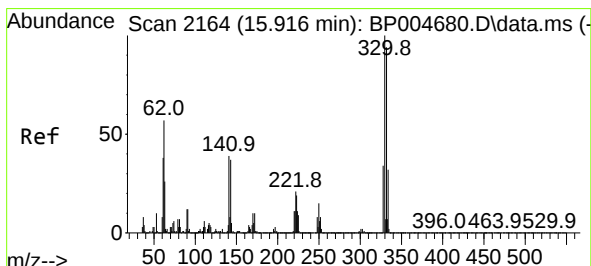
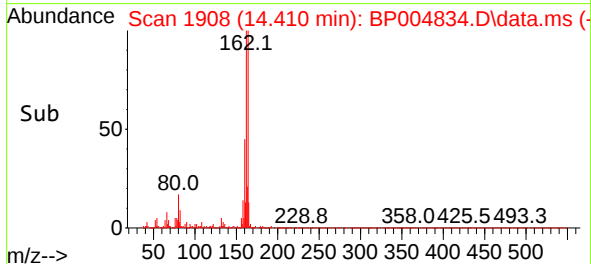
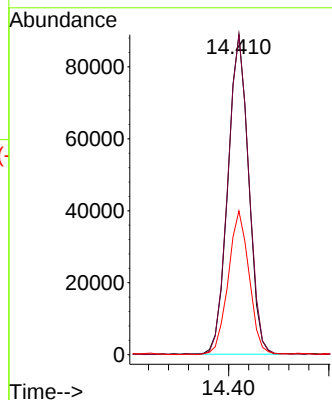
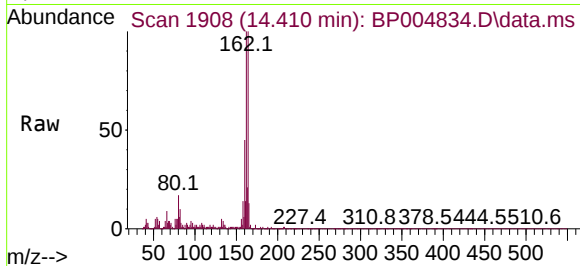




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

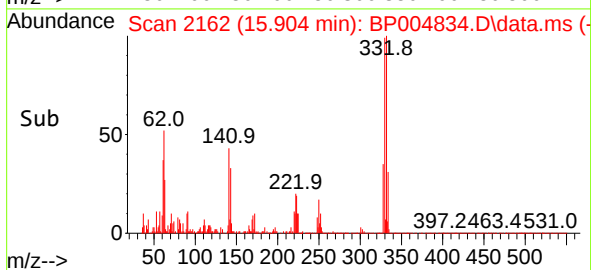
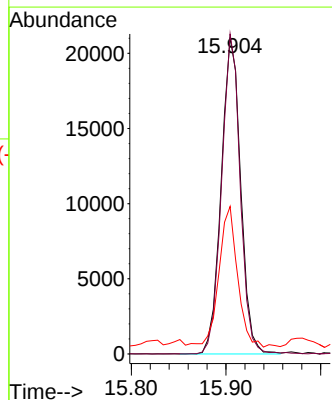
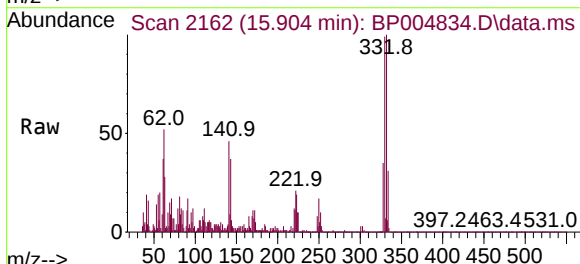
Instrument :
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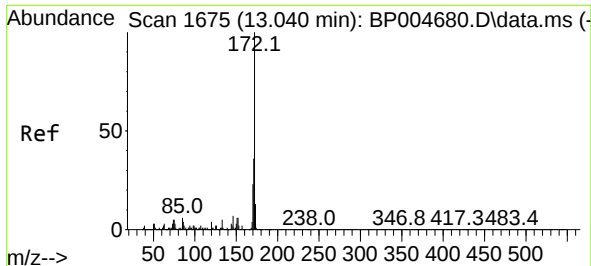
Tgt Ion:164 Resp: 126866
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 44.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 17.84 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion:330 Resp: 30070
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 41.8 23.4 35.2#

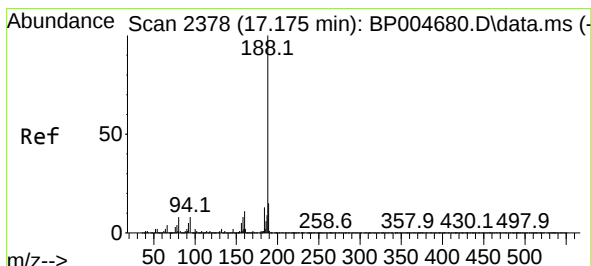
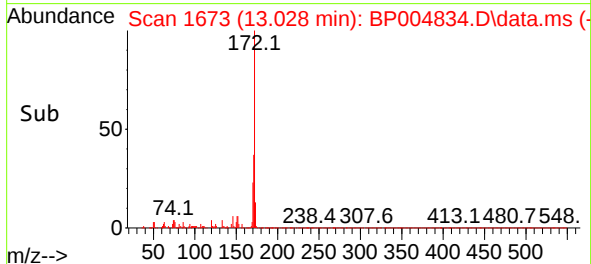
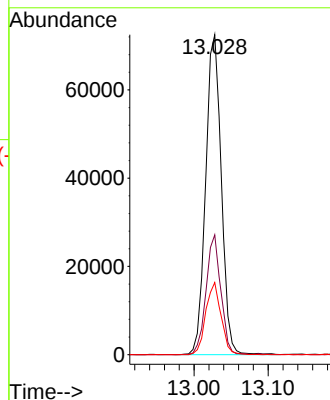
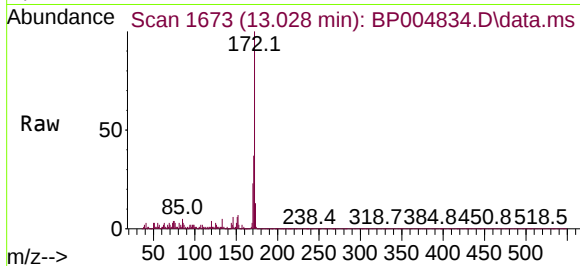




#45
2-Fluorobiphenyl
Concen: 10.24 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

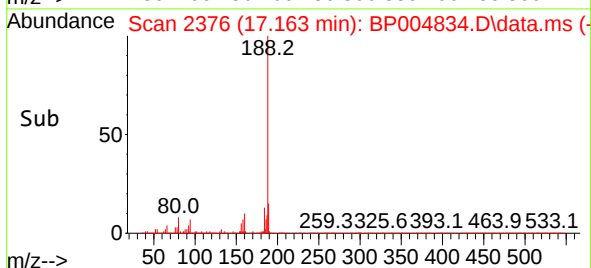
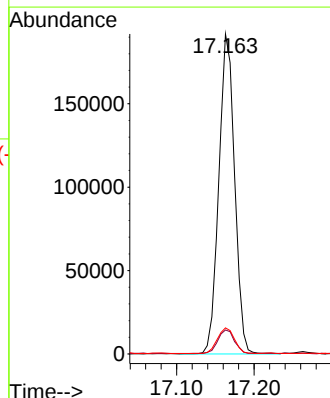
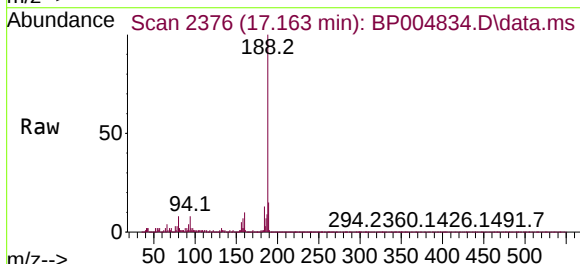
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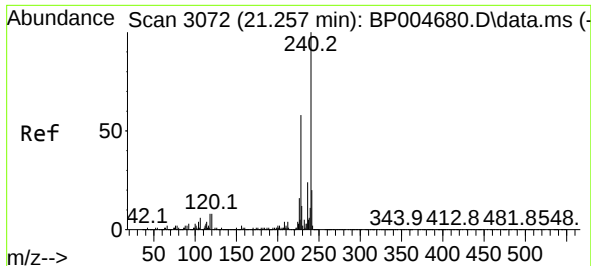
Tgt Ion:172	Resp: 106324
Ion Ratio	Lower Upper
172	100
171	37.5 28.5 42.7
170	22.5 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion:188	Resp: 271547
Ion Ratio	Lower Upper
188	100
94	7.5 6.2 9.2
80	8.1 6.2 9.2

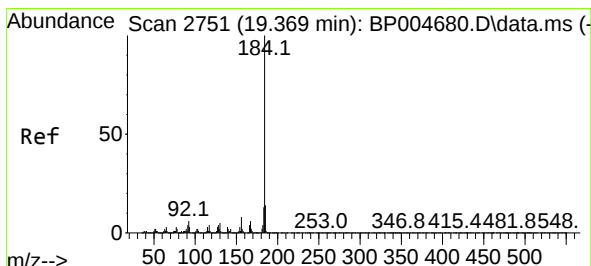
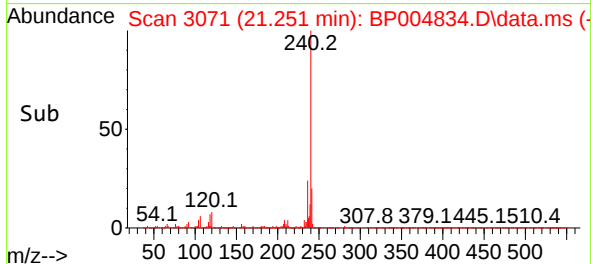
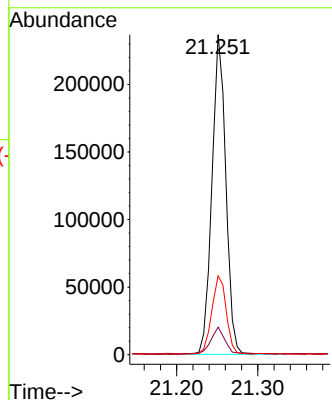
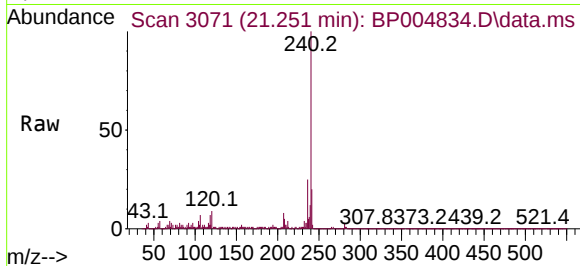




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

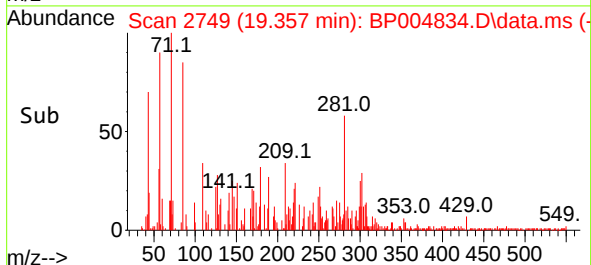
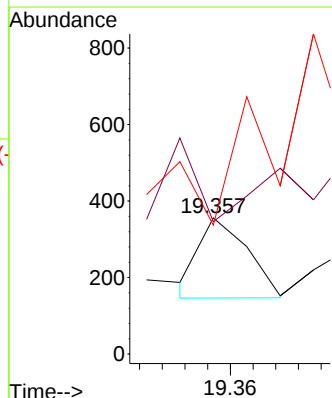
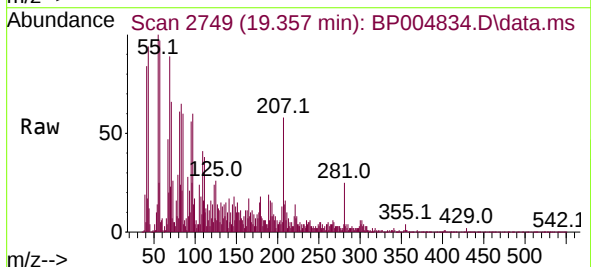
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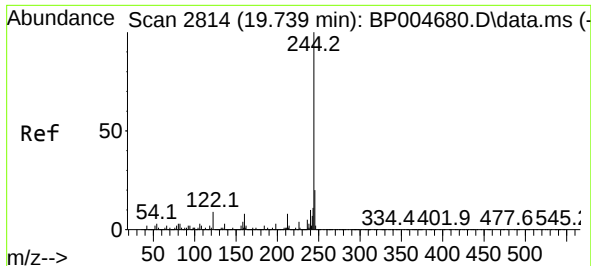
Tgt Ion:240 Resp: 279597
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 24.7 20.8 31.2



#77
Benzidine
Concen: 2.16 ng
RT: 19.357 min Scan# 2749
Delta R.T. -0.005 min
Lab File: BP004834.D
Acq: 19 Feb 2021 22:03

Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
185 97.2 11.5 17.3#
183 94.7 9.6 14.4#

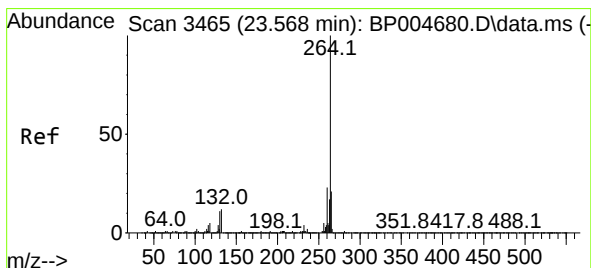
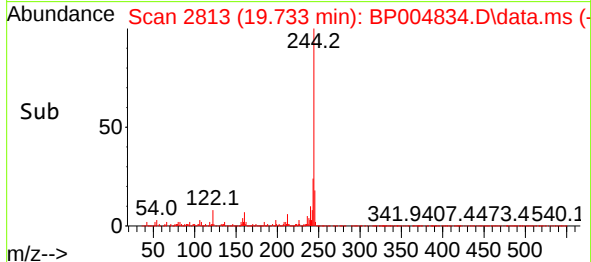
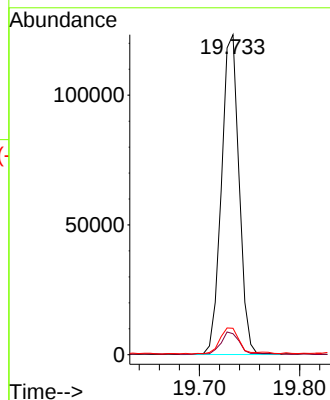
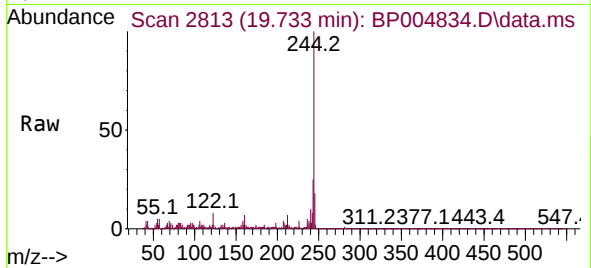




#79
 Terphenyl-d14
 Concen: 8.99 ng
 RT: 19.733 min Scan# 2813
 Delta R.T. 0.000 min
 Lab File: BP004834.D
 Acq: 19 Feb 2021 22:03

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Tgt Ion:	244	Resp:	149649
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	8.2	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.563 min Scan# 3464
 Delta R.T. 0.006 min
 Lab File: BP004834.D
 Acq: 19 Feb 2021 22:03

Tgt Ion:	264	Resp:	294553
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.8	28.2
265	22.3	17.4	26.2

