

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007099.D
 Acq On : 22 Sep 2021 15:45
 Operator : CG/JU
 Sample : M3804-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-091721

Quant Time: Sep 22 16:14:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

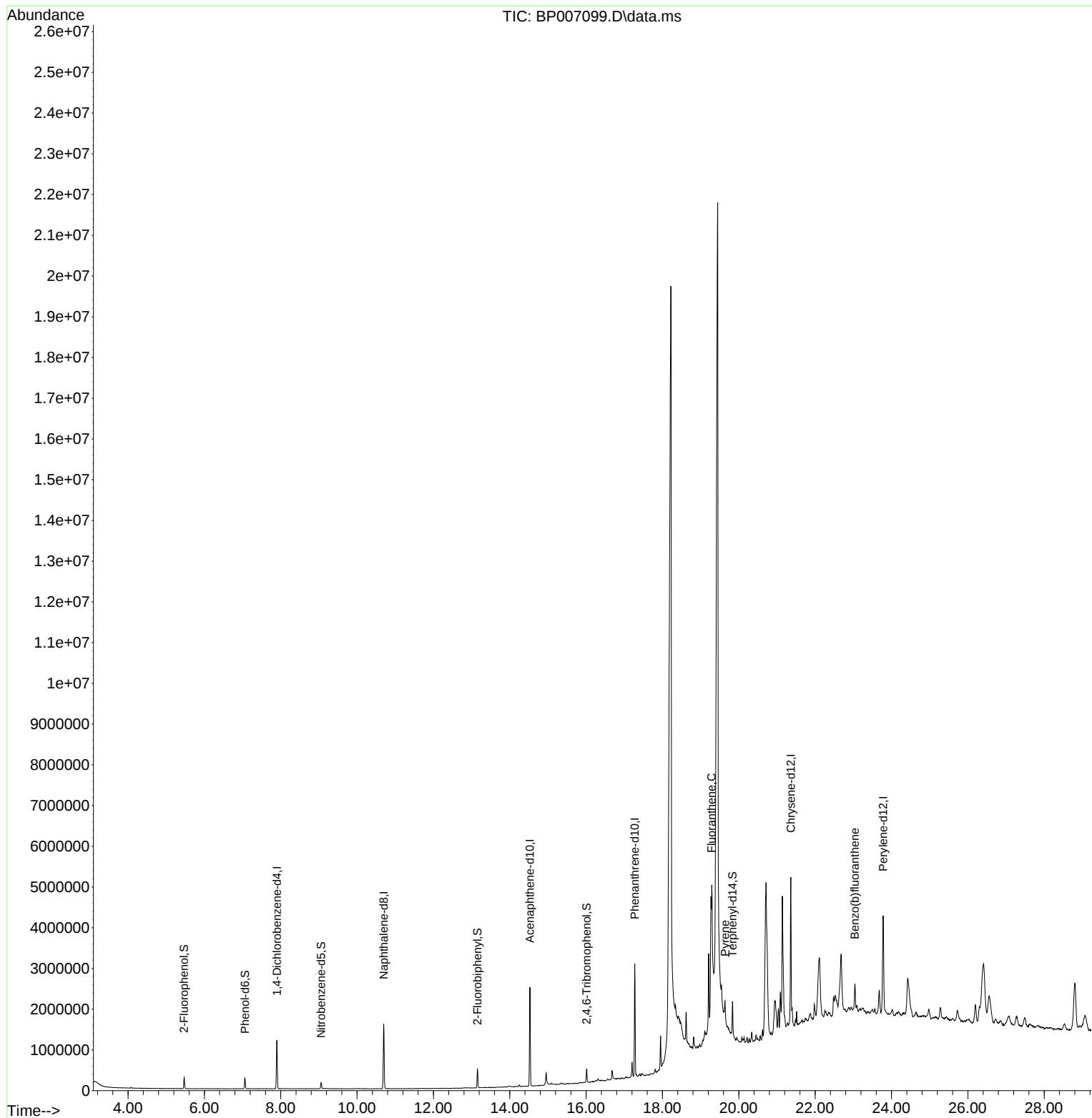
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	341044	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1350817	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	835895	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1681475	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1632937	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1771064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	130496	6.405	ng	0.00
7) Phenol-d6	7.064	99	162890	5.850	ng	0.00
23) Nitrobenzene-d5	9.058	82	88390	3.811	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	65194	6.016	ng	0.00
45) 2-Fluorobiphenyl	13.152	172	245121	4.201	ng	-0.01
79) Terphenyl-d14	19.834	244	359867	4.223	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.287	202	276750	2.664	ng	89
78) Pyrene	19.639	202	307184	2.867	ng	98
88) Benzo(b)fluoranthene	23.039	252	235151	2.222	ng	# 72

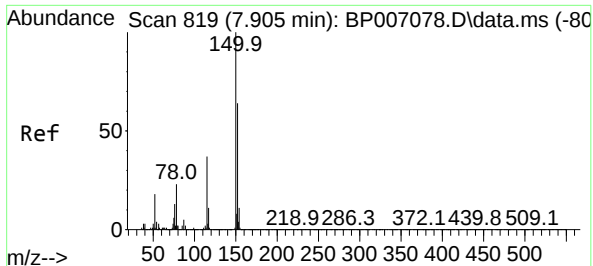
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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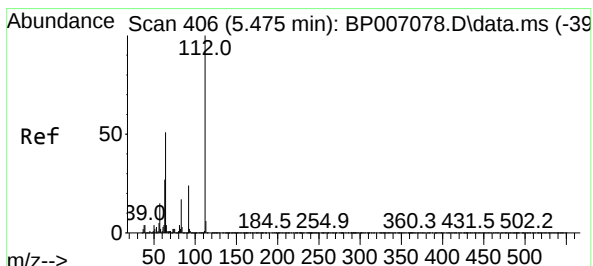
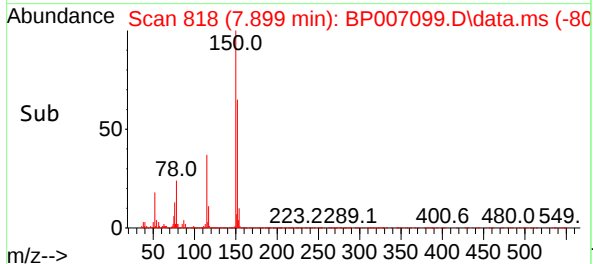
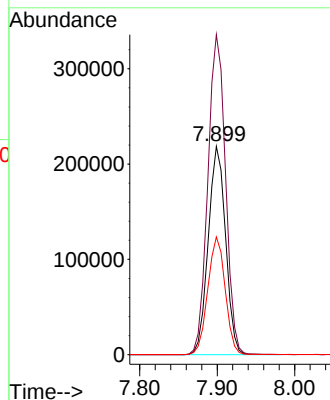
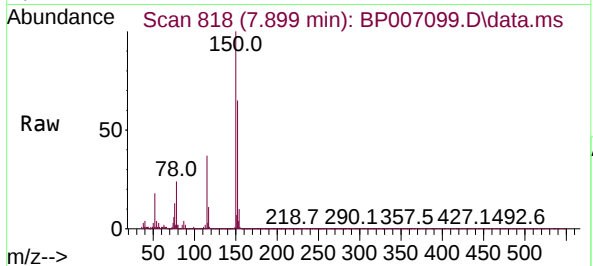




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

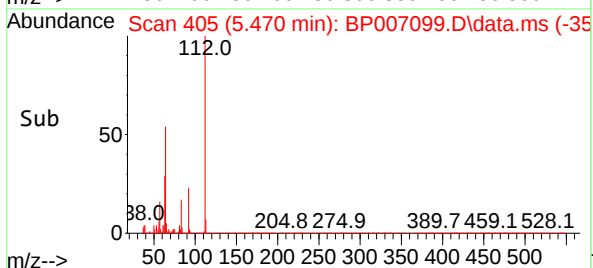
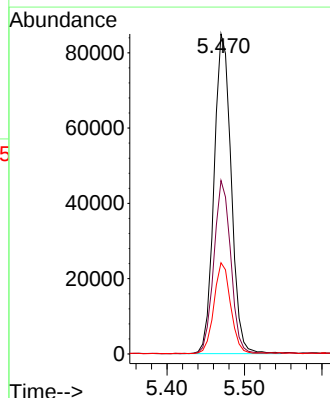
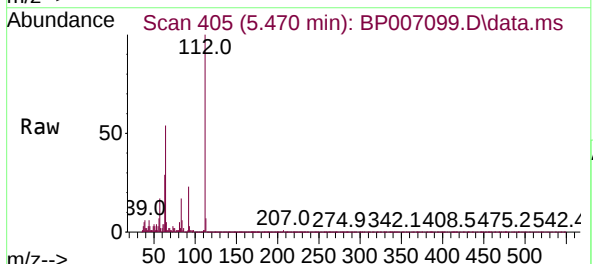
Instrument :
BNA_P
ClientSampleId :
CL-01-091721

Tgt Ion:152 Resp: 341044
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 56.5 48.5 72.7



#5
2-Fluorophenol
Concen: 6.405 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.005 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:112 Resp: 130496
Ion Ratio Lower Upper
112 100
64 54.2 41.4 62.2
63 28.5 23.8 35.8

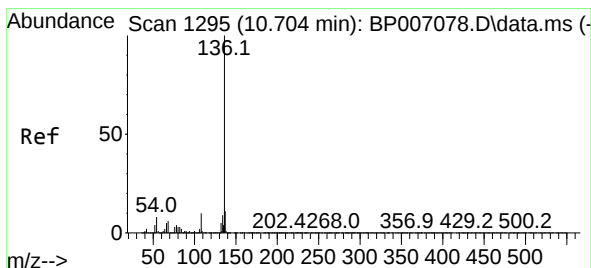
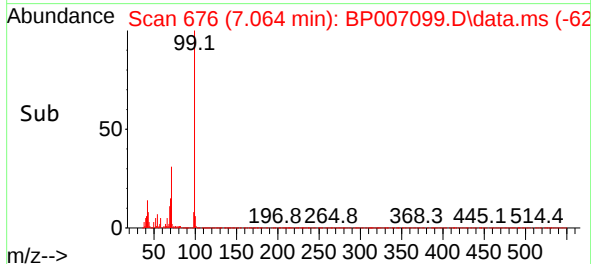
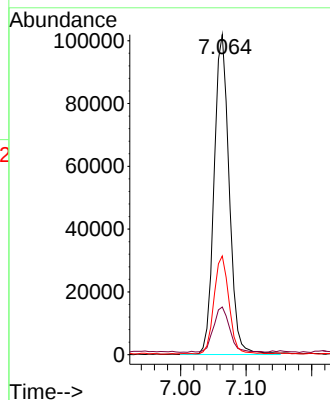
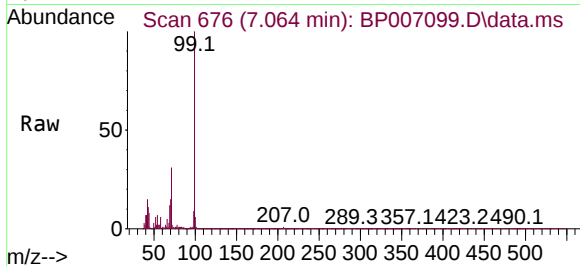




#7
Phenol-d6
Concen: 5.850 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.005 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

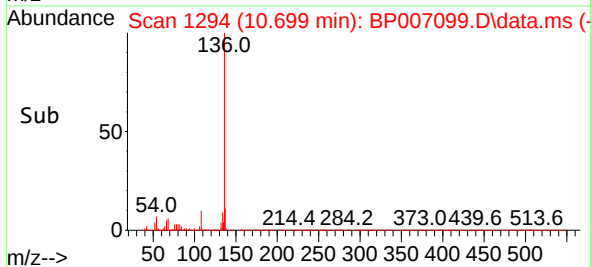
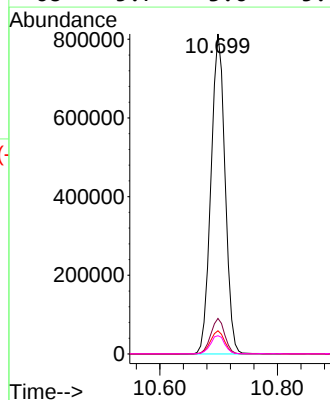
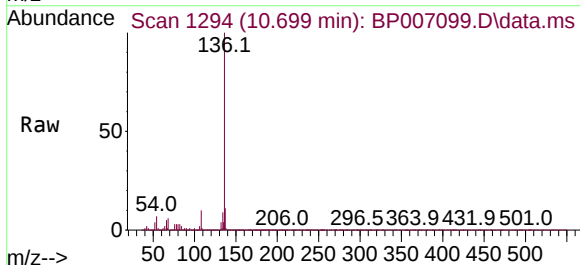
Instrument :
BNA_P
ClientSampleId :
CL-01-091721

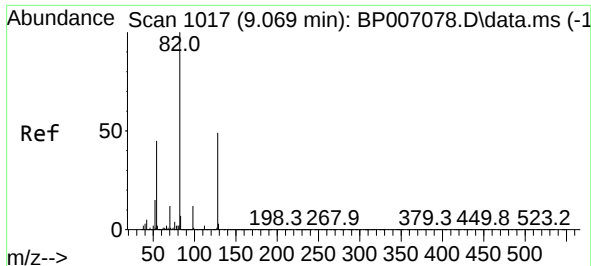
Tgt Ion:	99	Resp:	162890
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	30.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:	136	Resp:	1350817
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.3	4.6	6.8#
68	5.7	3.6	5.4#

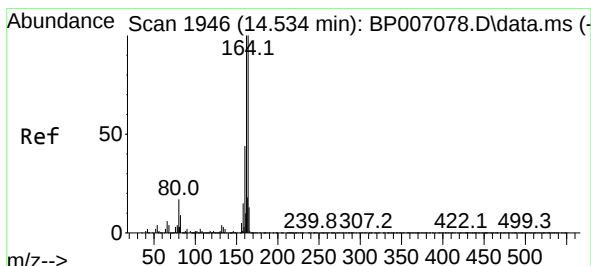
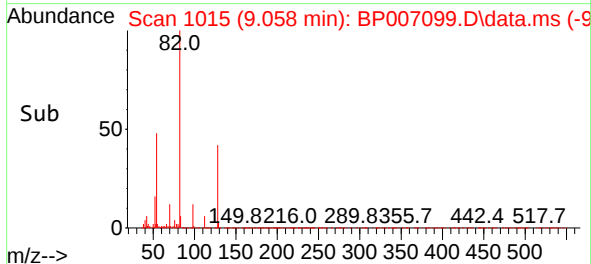
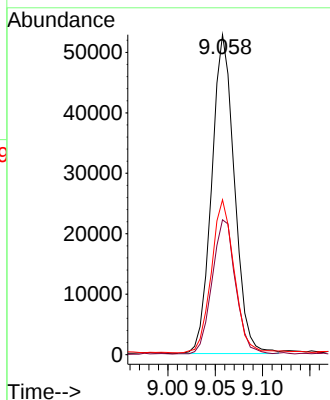
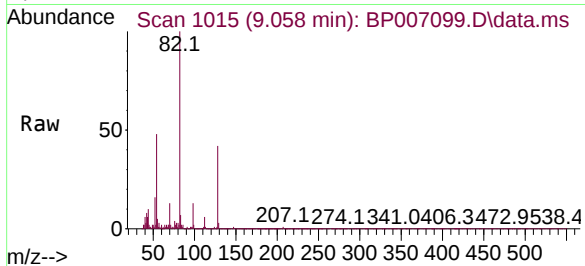




#23
Nitrobenzene-d5
Concen: 3.811 ng
RT: 9.058 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

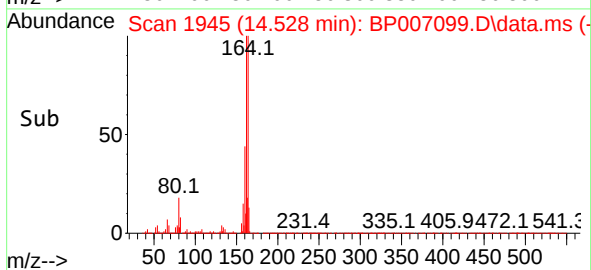
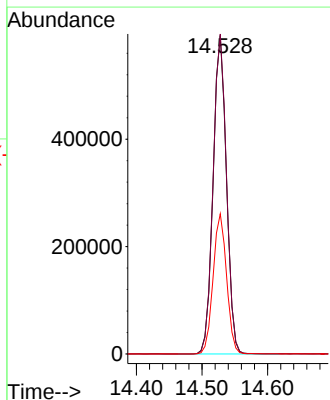
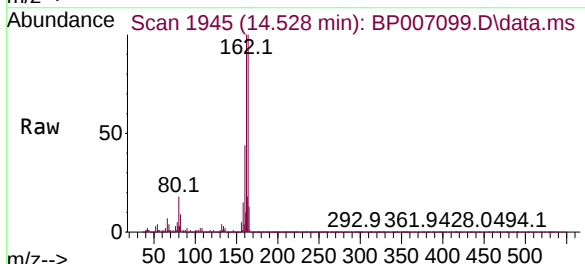
Instrument :
BNA_P
ClientSampleId :
CL-01-091721

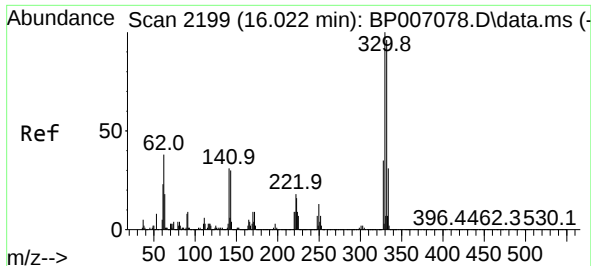
Tgt Ion: 82 Resp: 88390
Ion Ratio Lower Upper
82 100
128 42.2 35.7 53.5
54 48.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:164 Resp: 835895
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 44.0 34.5 51.7

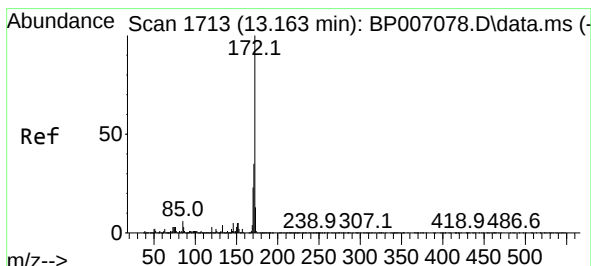
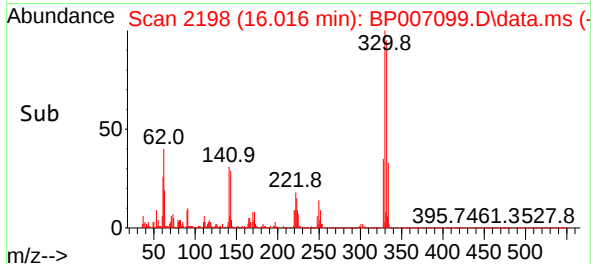
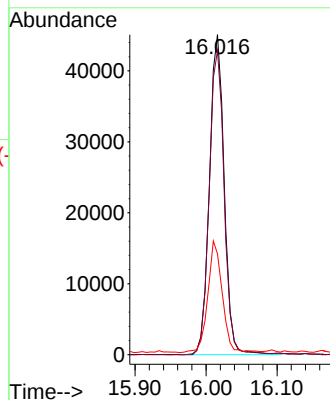
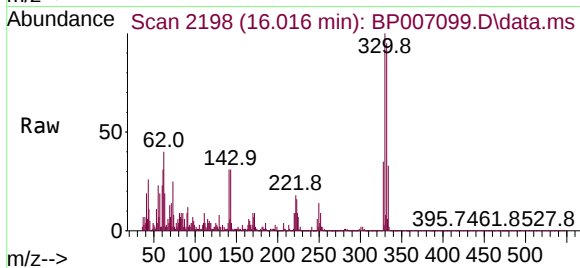




#42
2,4,6-Tribromophenol
Concen: 6.016 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

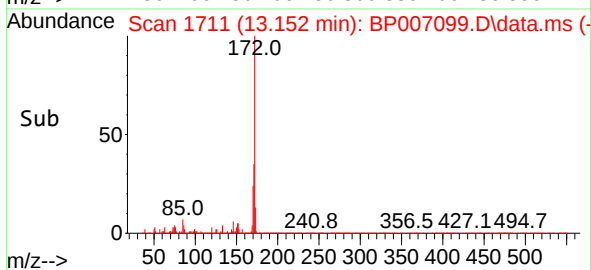
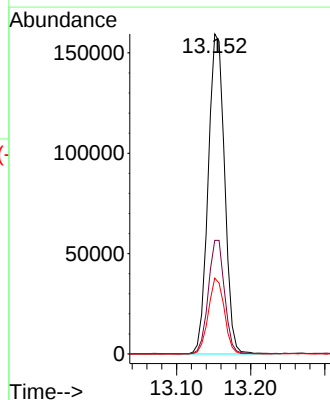
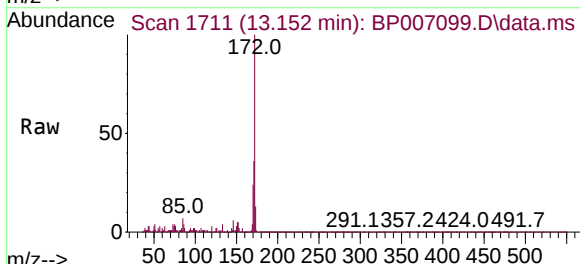
Instrument :
BNA_P
ClientSampleId :
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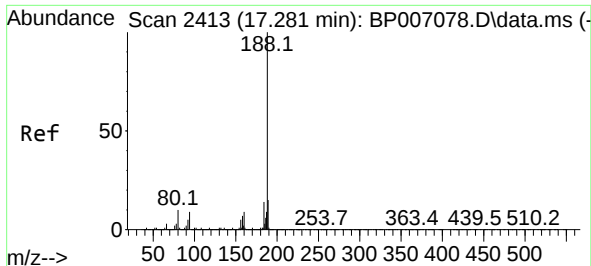
Tgt Ion:330 Resp: 65194
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 34.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 4.201 ng
RT: 13.152 min Scan# 1711
Delta R.T. -0.011 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:172 Resp: 245121
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.7 18.6 27.8

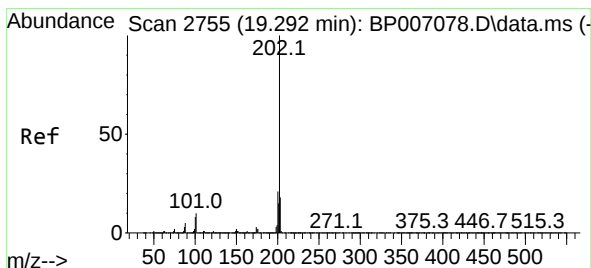
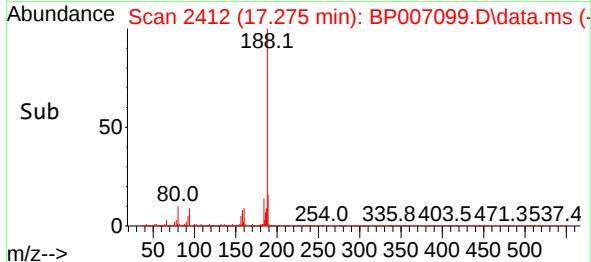
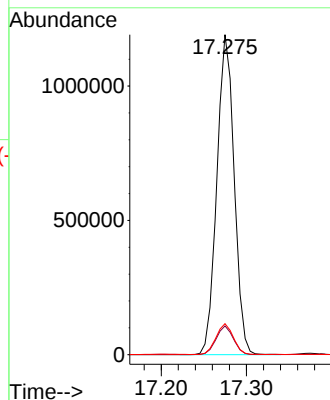
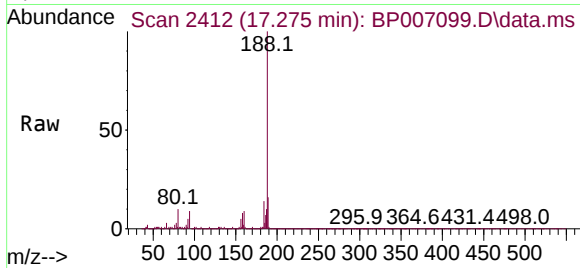




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

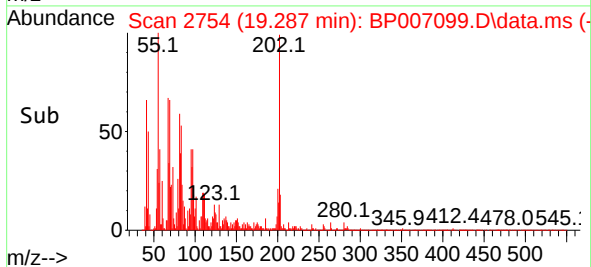
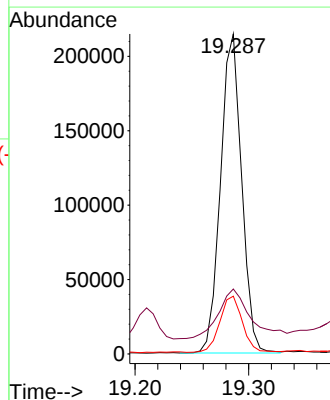
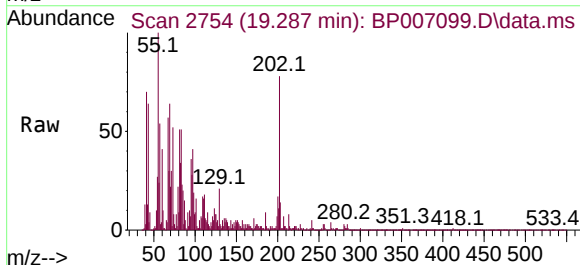
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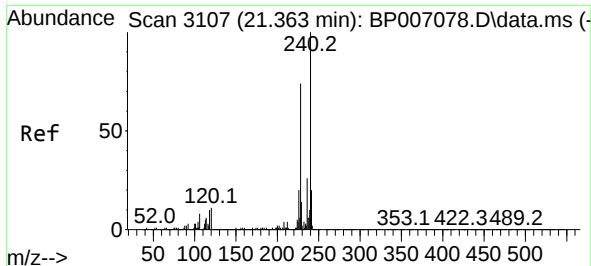
Tgt Ion:188 Resp: 1681475
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.7 6.3 9.5#



#75
Fluoranthene
Concen: 2.664 ng
RT: 19.287 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:202 Resp: 276750
Ion Ratio Lower Upper
202 100
101 20.3 0.0 27.6
203 18.0 0.0 37.8

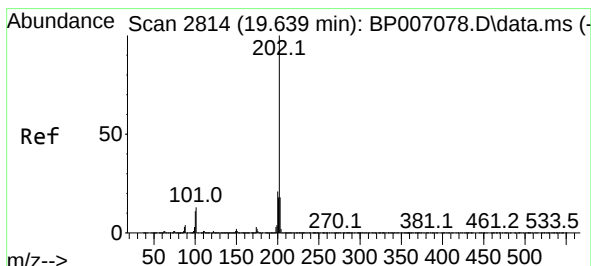
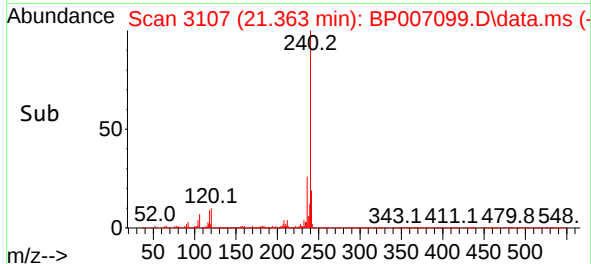
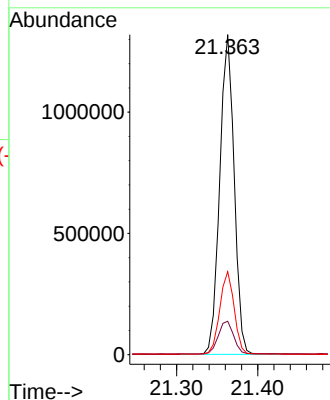
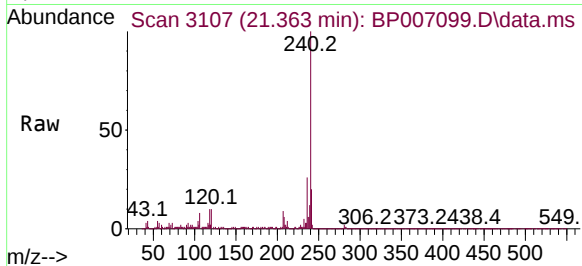




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

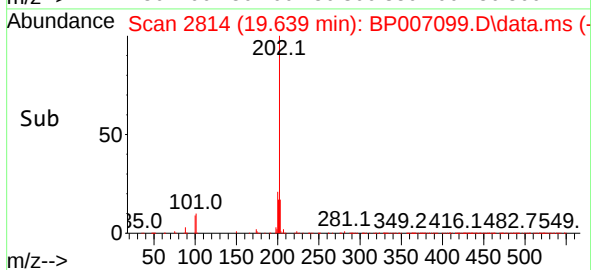
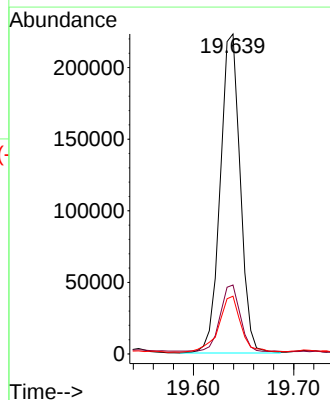
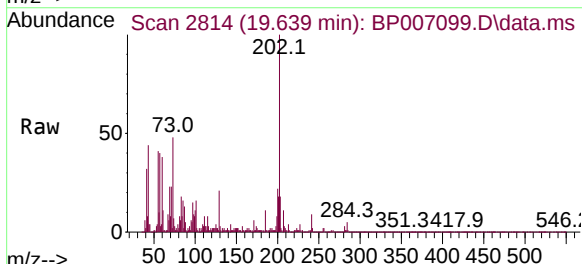
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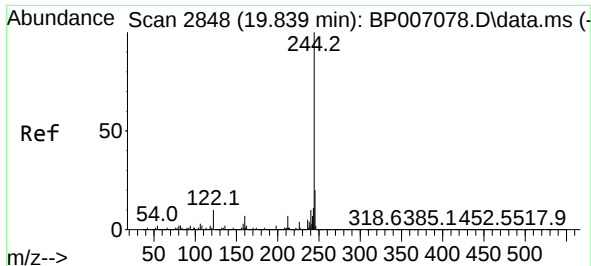
Tgt Ion:240 Resp: 1632937
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.0 20.6 31.0



#78
Pyrene
Concen: 2.867 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Tgt Ion:202 Resp: 307184
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 18.1 14.2 21.2

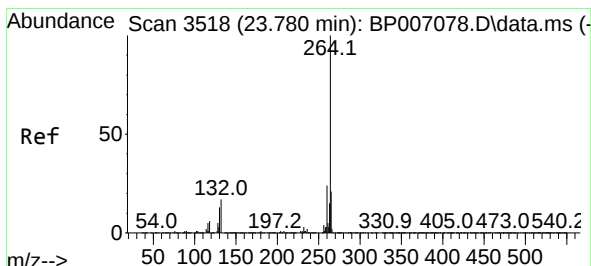
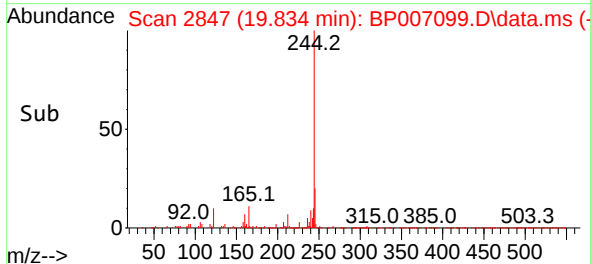
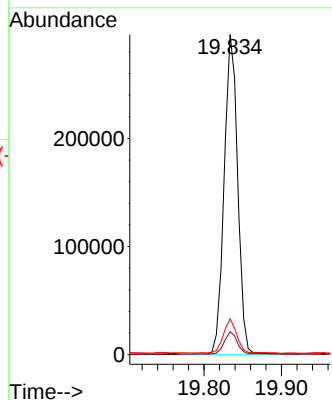
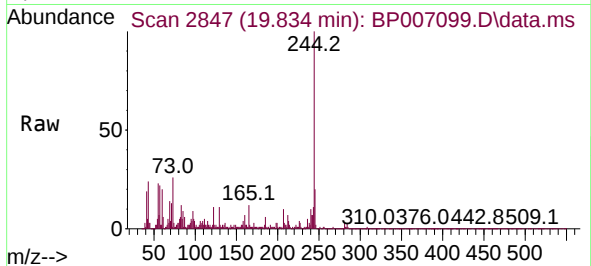




#79
 Terphenyl-d14
 Concen: 4.223 ng
 RT: 19.834 min Scan# 2847
 Delta R.T. -0.005 min
 Lab File: BP007099.D
 Acq: 22 Sep 2021 15:45

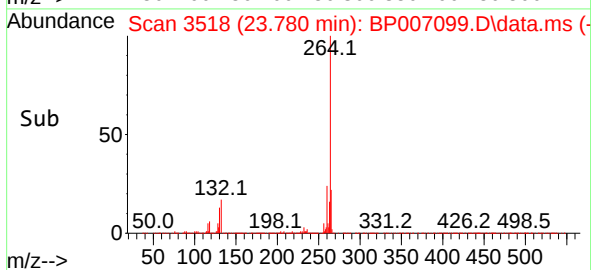
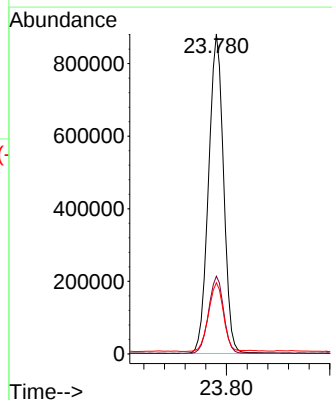
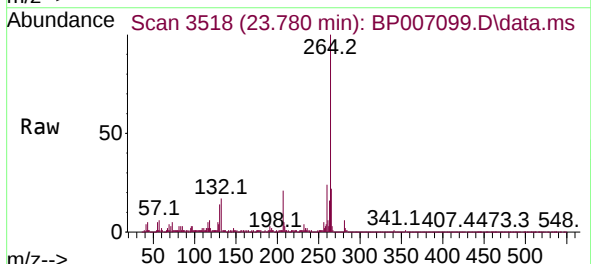
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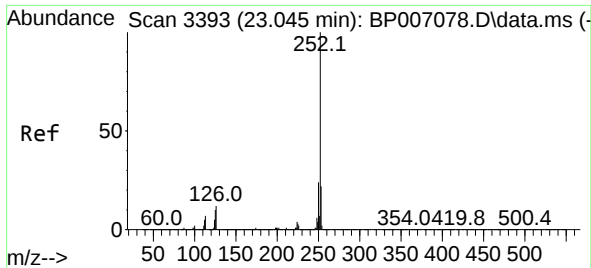
Tgt Ion:244 Resp: 359867
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.2 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3518
 Delta R.T. 0.000 min
 Lab File: BP007099.D
 Acq: 22 Sep 2021 15:45

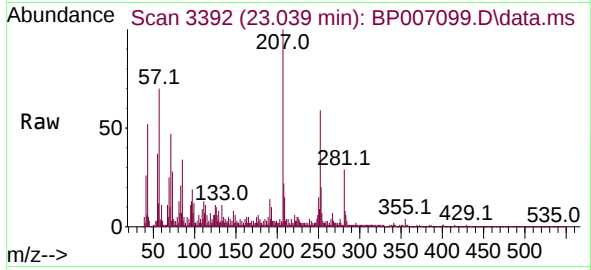
Tgt Ion:264 Resp: 1771064
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.3 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 2.222 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BP007099.D
Acq: 22 Sep 2021 15:45

Instrument :
BNA_P
ClientSampleId :
CL-01-091721



Tgt Ion:252 Resp: 235151
Ion Ratio Lower Upper
252 100
253 34.2 17.5 26.3#
125 19.3 6.2 9.4#

