

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007132.D
 Acq On : 23 Sep 2021 19:20
 Operator : CG/JU
 Sample : M3797-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VB16193

Quant Time: Sep 24 01:01:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

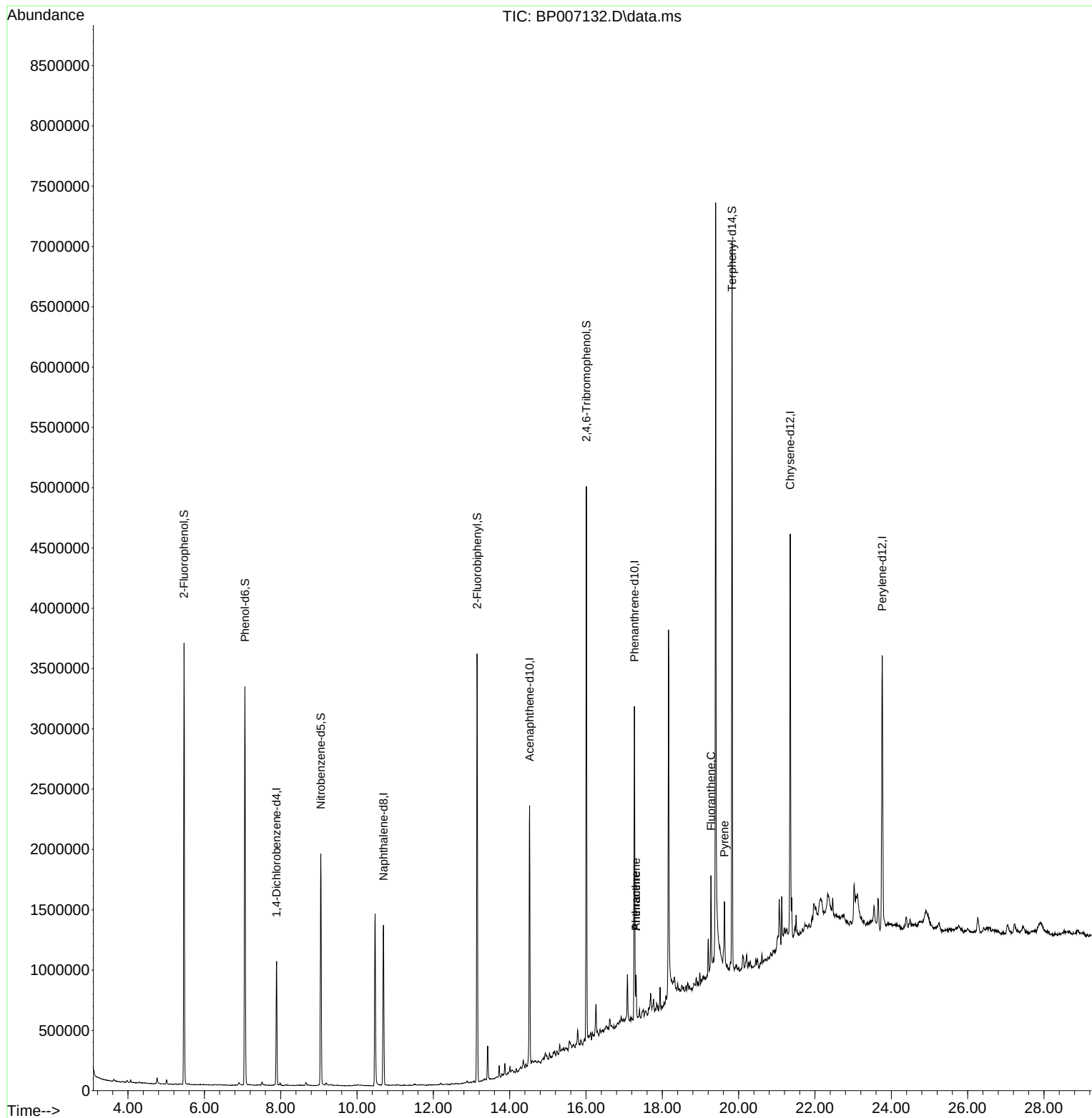
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	298212	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1164030	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	752661	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1543232	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1585719	20.000	ng	# 0.00
86) Perylene-d12	23.762	264	1745167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1683628	94.507	ng	0.00
7) Phenol-d6	7.063	99	2040782	83.815	ng	0.00
23) Nitrobenzene-d5	9.051	82	1142522	57.160	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	974306	99.848	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	1902395	36.210	ng	0.00
79) Terphenyl-d14	19.827	244	2853199	34.479	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.310	178	223207	2.697	ng	98
72) Anthracene	17.310	178	223207	2.757	ng	97
75) Fluoranthene	19.274	202	400414	4.200	ng	95
78) Pyrene	19.627	202	339212	3.260	ng	98

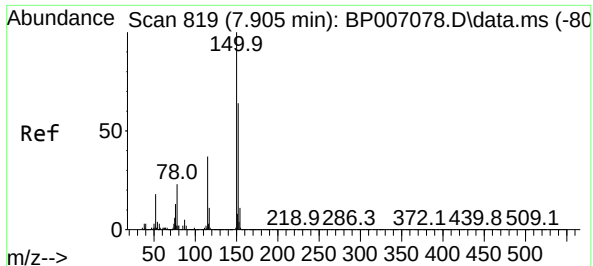
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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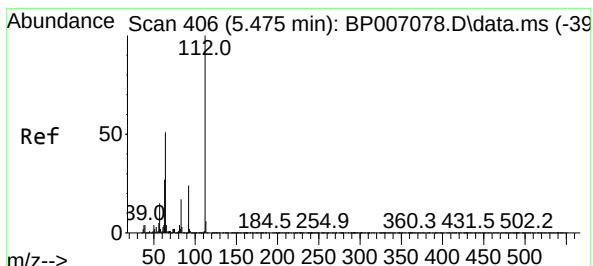
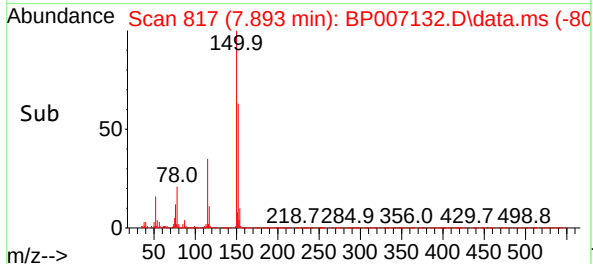
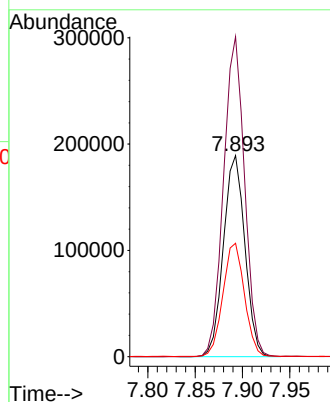
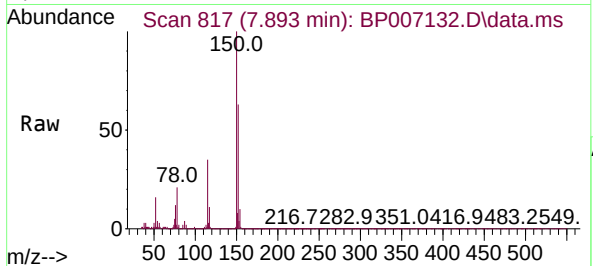




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

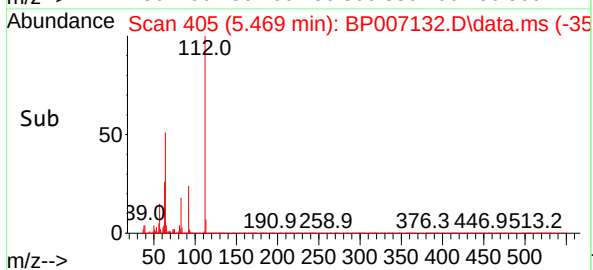
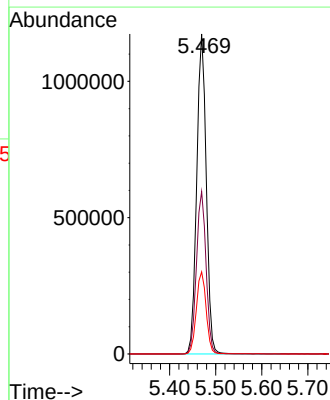
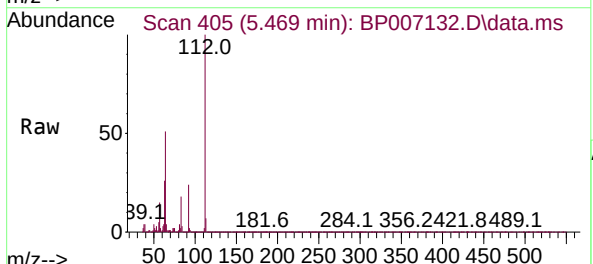
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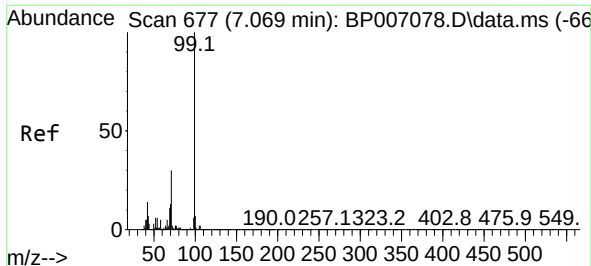
Tgt Ion:152 Resp: 298212
Ion Ratio Lower Upper
152 100
150 159.1 125.6 188.4
115 56.4 48.5 72.7



#5
2-Fluorophenol
Concen: 94.507 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion:112 Resp: 1683628
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.7 23.8 35.8

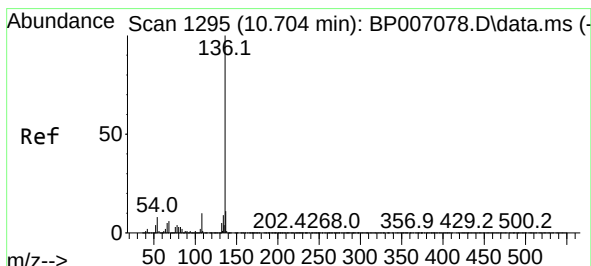
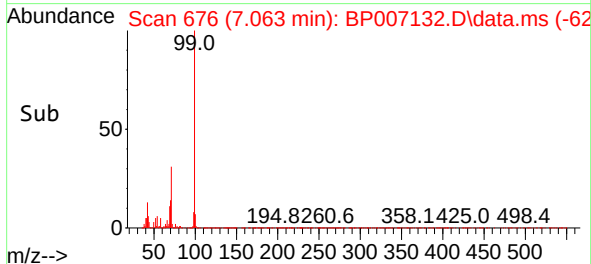
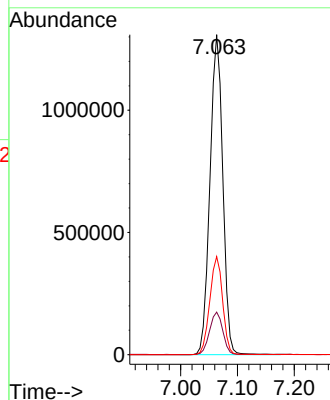
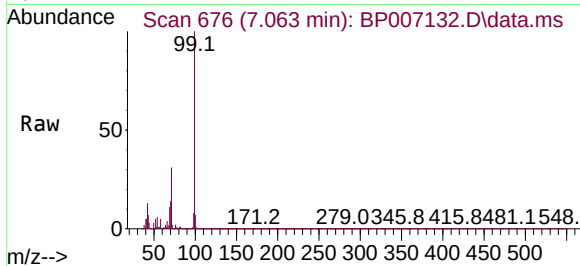




#7
Phenol-d6
Concen: 83.815 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

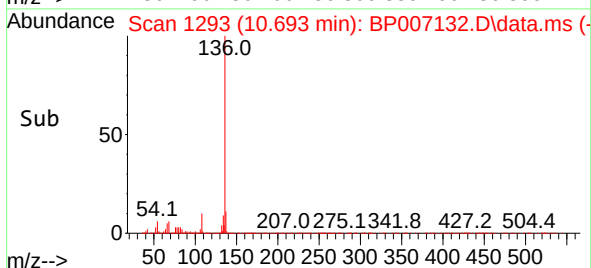
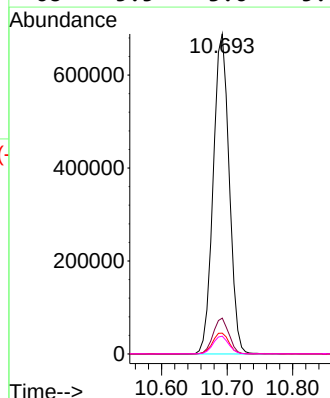
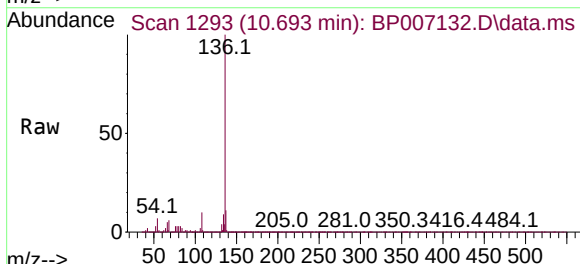
Instrument :
BNA_P
ClientSampleId :
VB16193

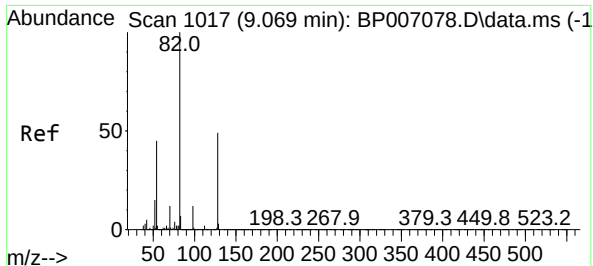
Tgt Ion: 99 Resp: 2040782
Ion Ratio Lower Upper
99 100
42 13.3 13.4 20.0#
71 30.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 136 Resp: 1164030
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.5 4.6 6.8
68 5.5 3.6 5.4#



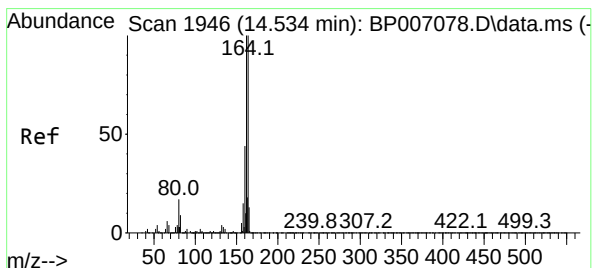
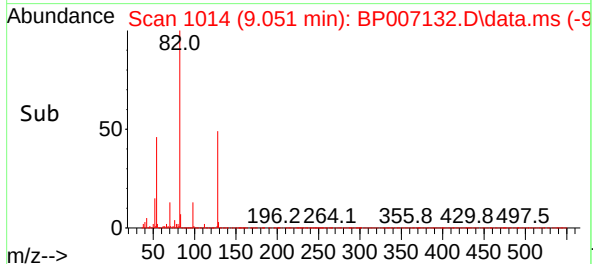
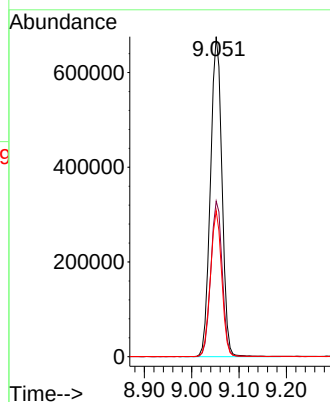
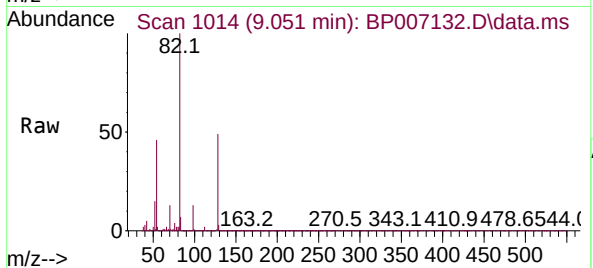


#23
Nitrobenzene-d5
Concen: 57.160 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Instrument :
BNA_P
ClientSampleId :
VB16193

Tgt Ion: 82 Resp: 1142522

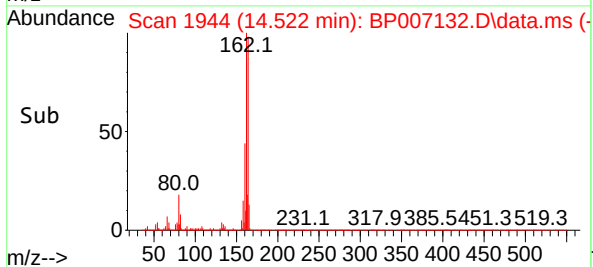
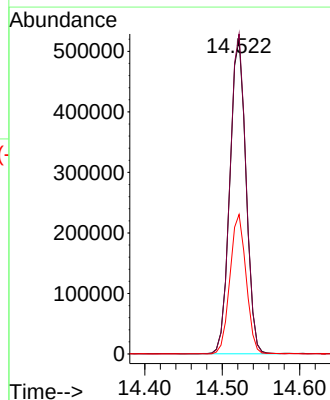
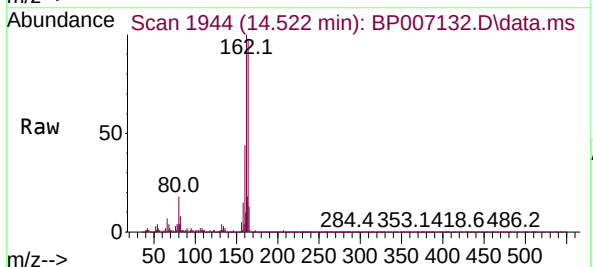
Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.7	53.5
54	45.6	35.0	52.4

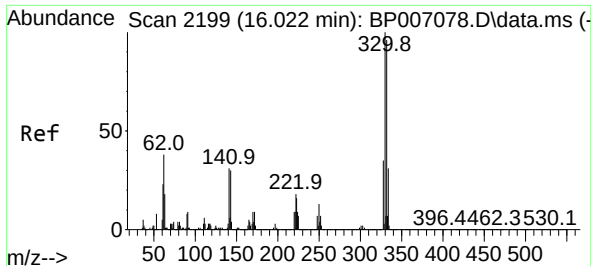


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 164 Resp: 752661

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.3	34.5	51.7

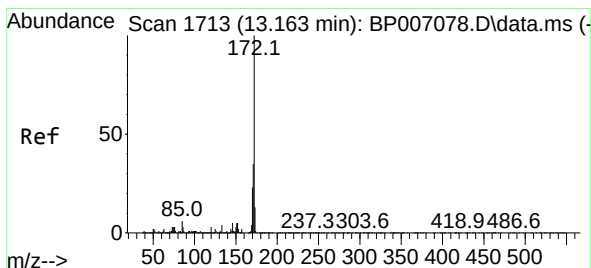
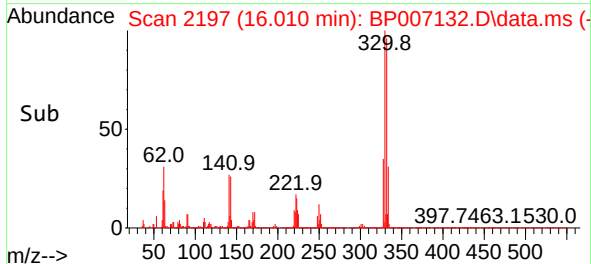
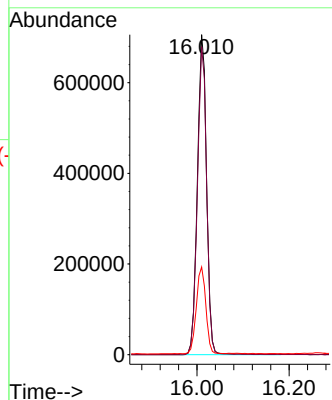
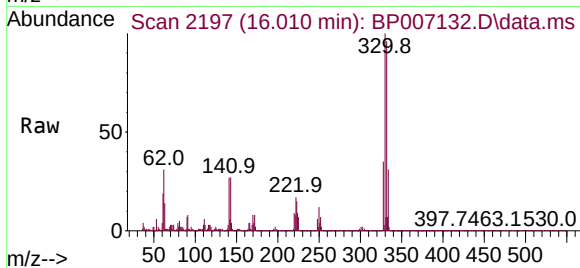




#42
2,4,6-Tribromophenol
Concen: 99.848 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

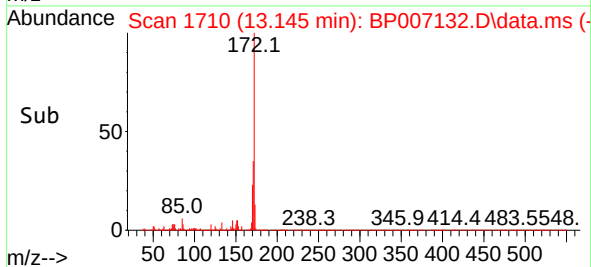
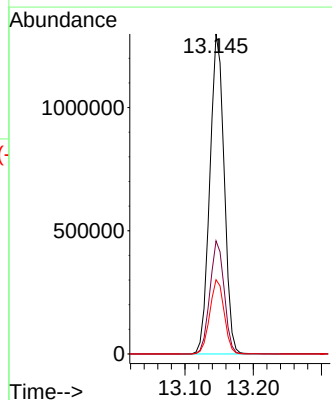
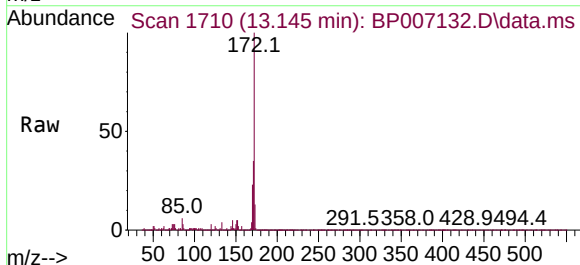
Instrument :
BNA_P
ClientSampleId :
VB16193

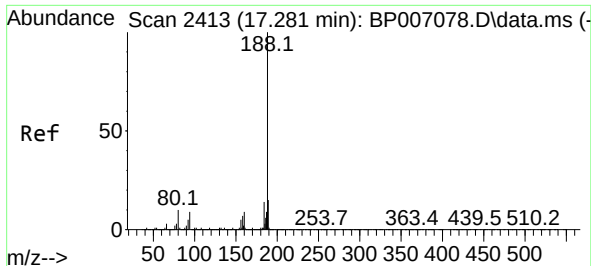
Tgt Ion:330 Resp: 974306
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 27.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 36.210 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion:172 Resp: 1902395
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.2 18.6 27.8

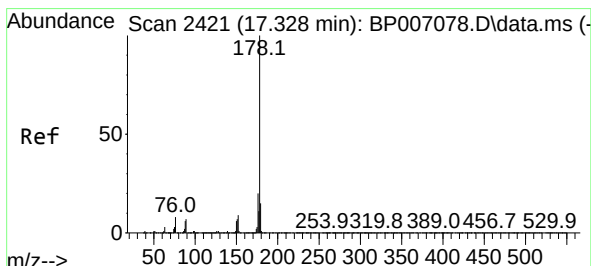
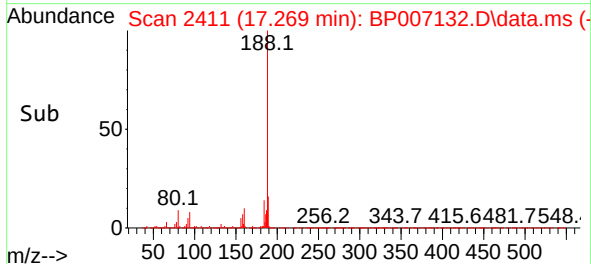
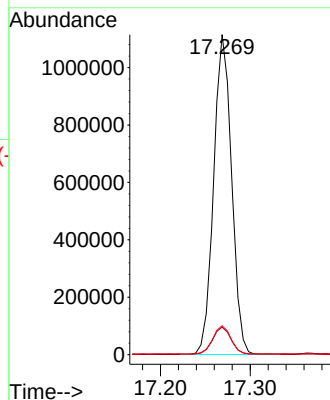
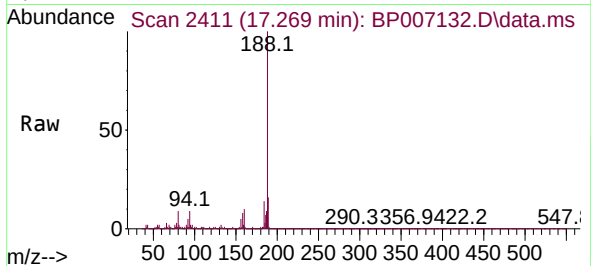




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

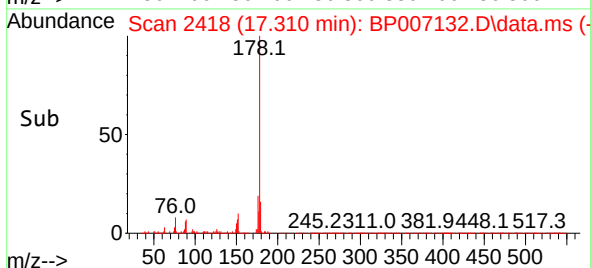
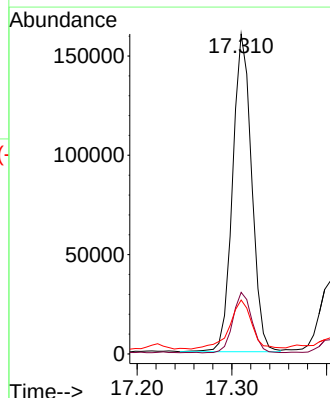
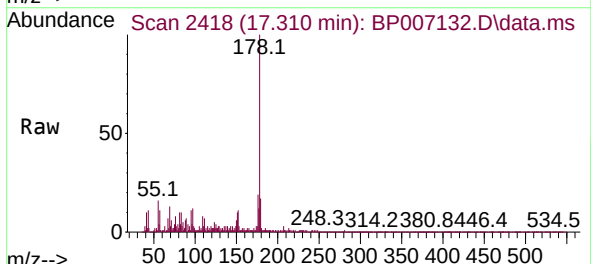
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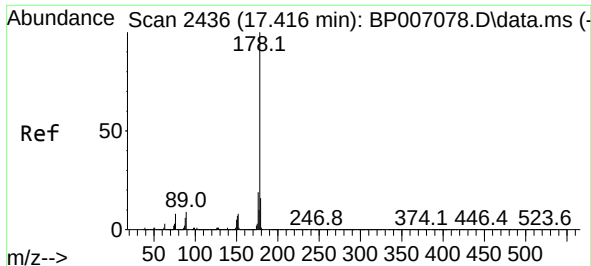
Tgt Ion:188 Resp: 1543232
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.1 6.3 9.5



#71
Phenanthrene
Concen: 2.697 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion:178 Resp: 223207
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.9 12.4 18.6

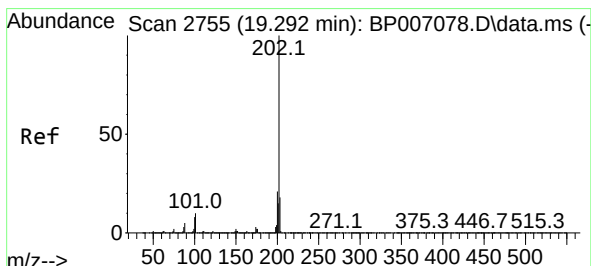
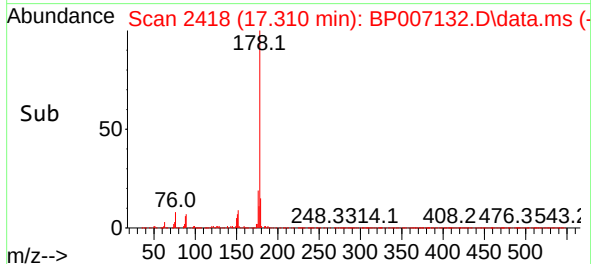
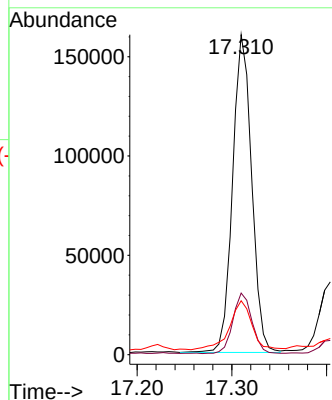
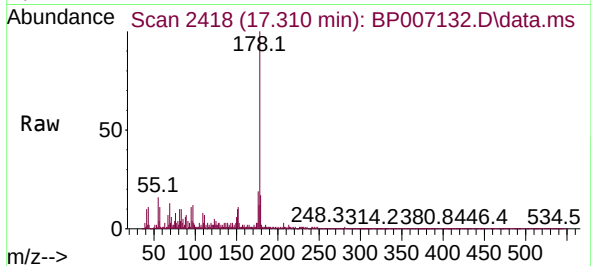




#72
 Anthracene
 Concen: 2.757 ng
 RT: 17.310 min Scan# 2418
 Delta R.T. -0.100 min
 Lab File: BP007132.D
 Acq: 23 Sep 2021 19:20

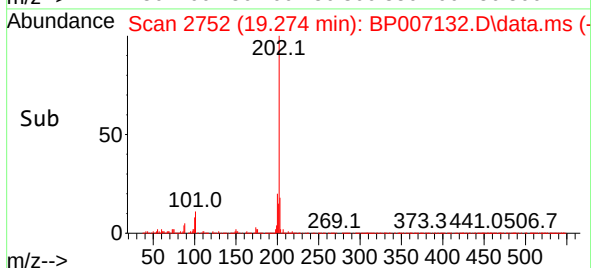
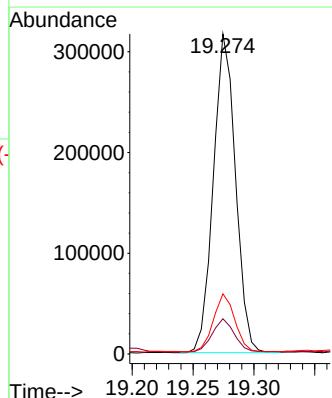
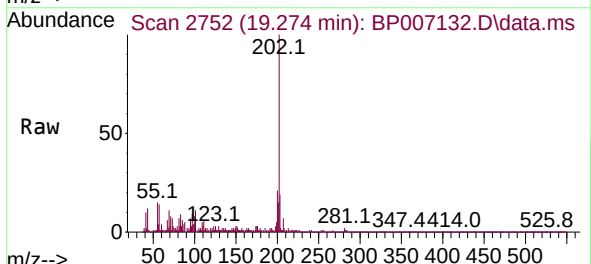
Instrument :
 BNA_P
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 VB16193

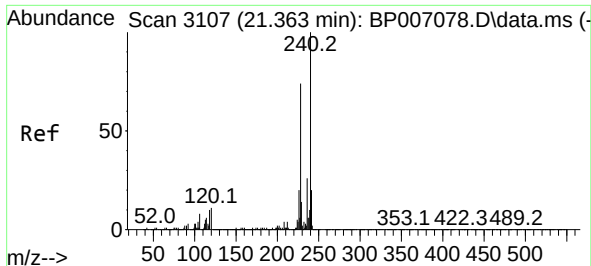
Tgt Ion:178 Resp: 223207
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.9 22.3
 179 16.9 12.2 18.2



#75
 Fluoranthene
 Concen: 4.200 ng
 RT: 19.274 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP007132.D
 Acq: 23 Sep 2021 19:20

Tgt Ion:202 Resp: 400414
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 27.6
 203 18.8 0.0 37.8

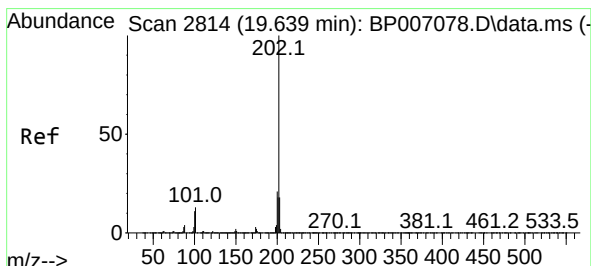
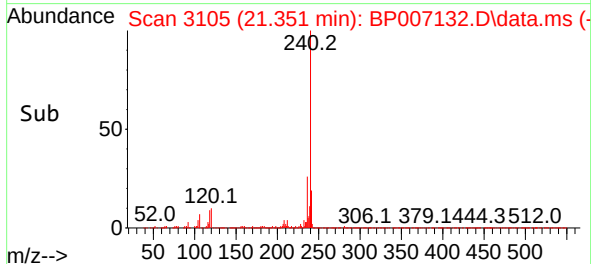
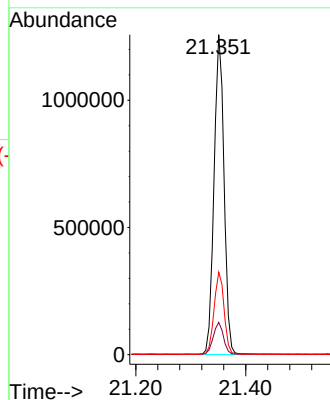
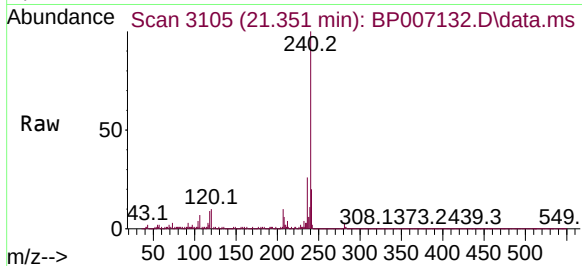




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

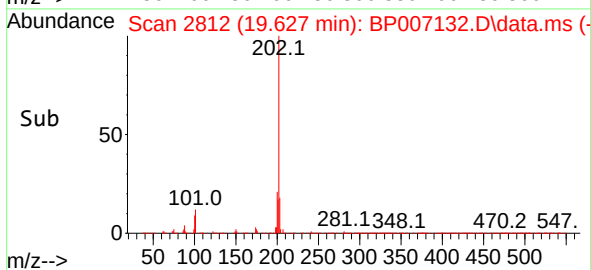
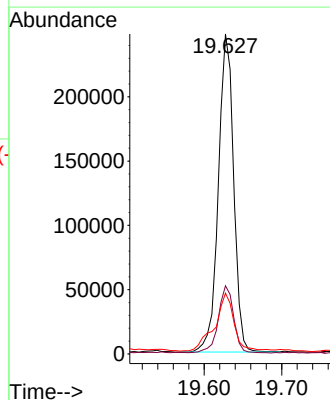
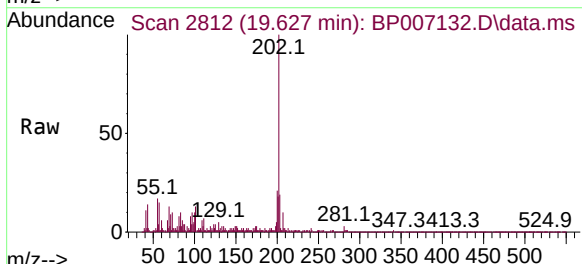
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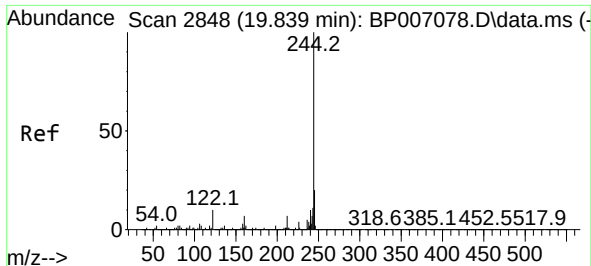
Tgt Ion:240 Resp: 1585719
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.260 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007132.D
Acq: 23 Sep 2021 19:20

Tgt Ion:202 Resp: 339212
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 19.0 14.2 21.2

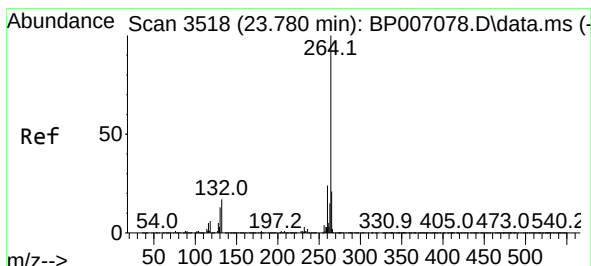
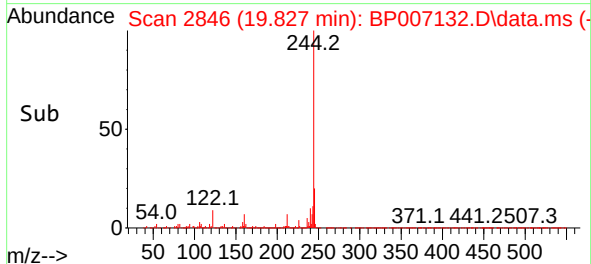
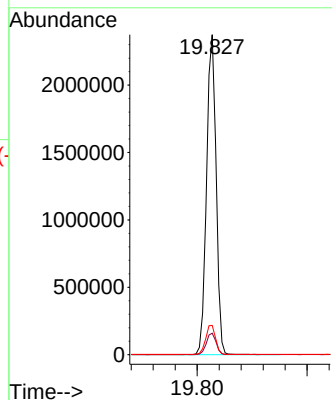
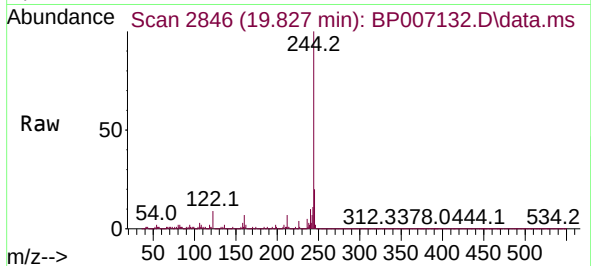




#79
 Terphenyl-d14
 Concen: 34.479 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP007132.D
 Acq: 23 Sep 2021 19:20

Instrument :
 BNA_P
 ClientSampleId :
 VB16193

Tgt Ion:244 Resp: 2853199
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.762 min Scan# 3515
 Delta R.T. -0.006 min
 Lab File: BP007132.D
 Acq: 23 Sep 2021 19:20

Tgt Ion:264 Resp: 1745167
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.0 17.6 26.4

