

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007364.D
 Acq On : 06 Oct 2021 20:51
 Operator : CG/JU
 Sample : M4075-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-100521

Quant Time: Oct 07 01:48:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

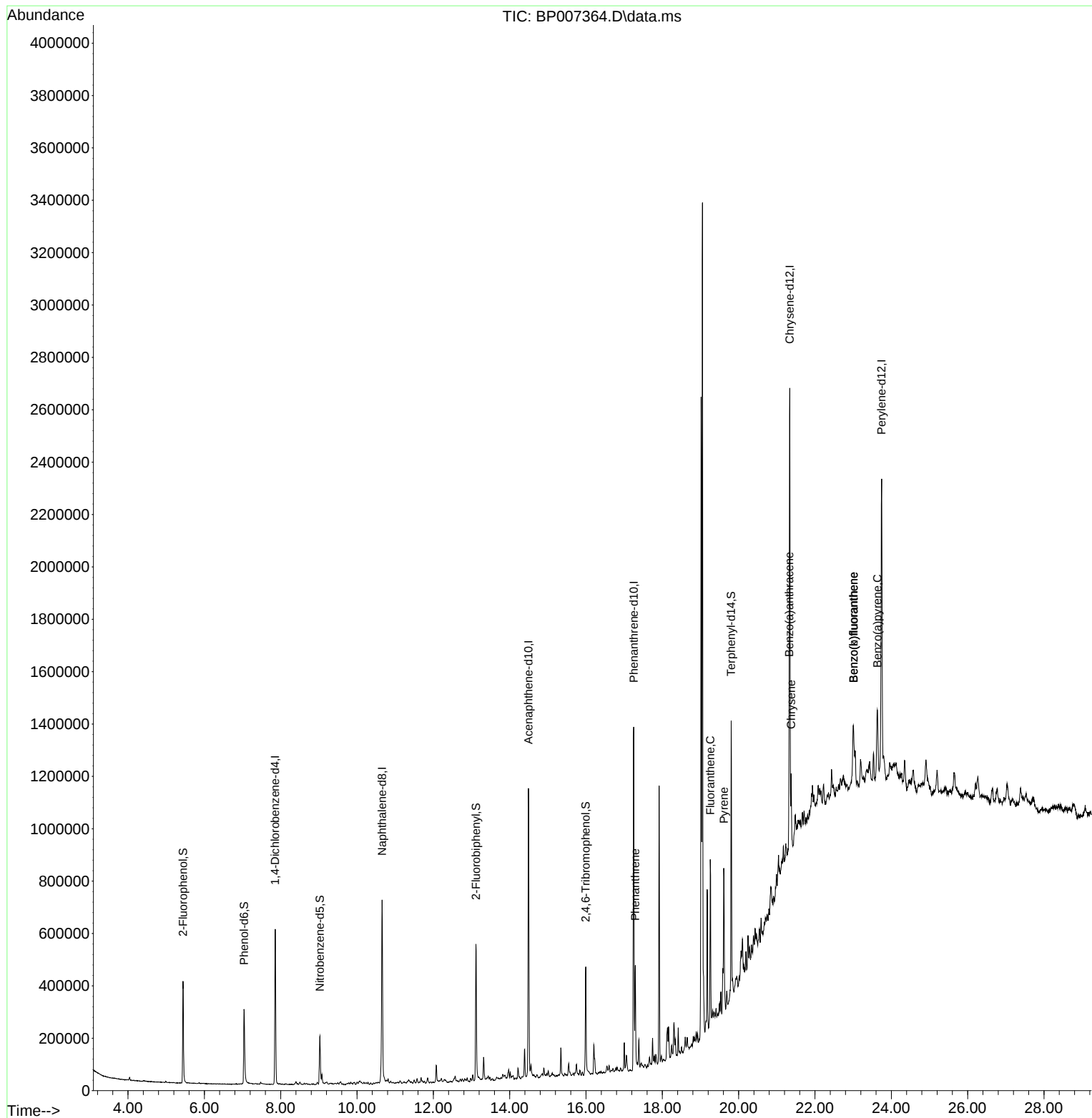
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	166081	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	640255	20.000	ng	# 0.00
39) Acenaphthene-d10	14.493	164	403940	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	837519	20.000	ng	0.00
76) Chrysene-d12	21.339	240	806275	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	864358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	189608	19.111	ng	-0.01
7) Phenol-d6	7.040	99	216678	15.979	ng	-0.01
23) Nitrobenzene-d5	9.028	82	128393	11.678	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	85150	16.260	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	323172	11.462	ng	-0.01
79) Terphenyl-d14	19.804	244	474159	11.269	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.292	178	231973	5.166	ng	99
75) Fluoranthene	19.257	202	328680	6.353	ng	97
78) Pyrene	19.610	202	335854	6.349	ng	98
81) Benzo(a)anthracene	21.322	228	168690	3.223	ng	95
83) Chrysene	21.375	228	155892	3.117	ng	# 93
88) Benzo(b)fluoranthene	23.010	252	176649	3.420	ng	# 85
89) Benzo(k)fluoranthene	23.010	252	176649	3.378	ng	# 85
90) Benzo(a)pyrene	23.639	252	144561	3.294	ng	# 87

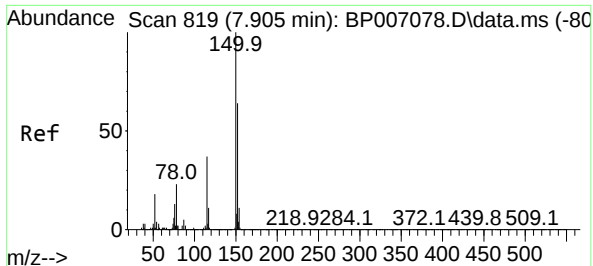
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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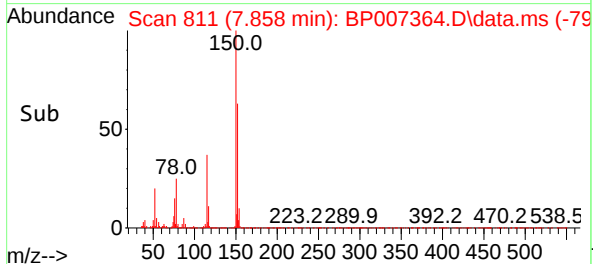
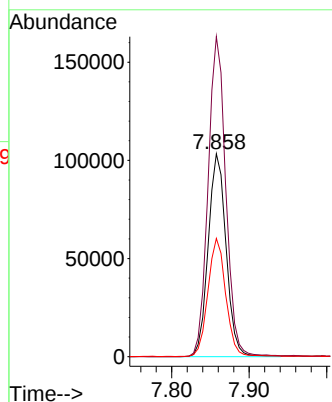
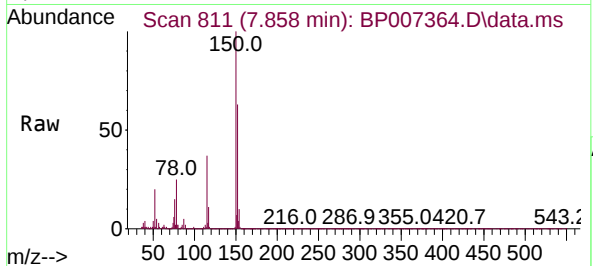




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

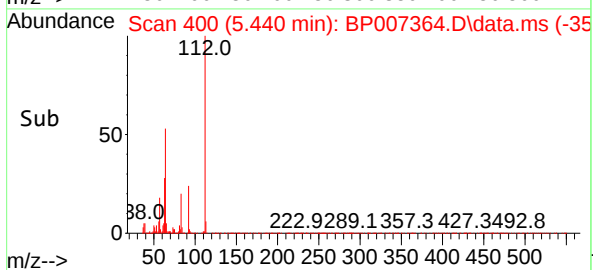
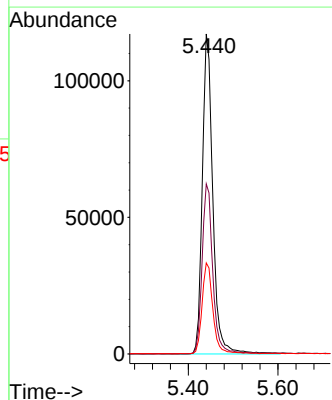
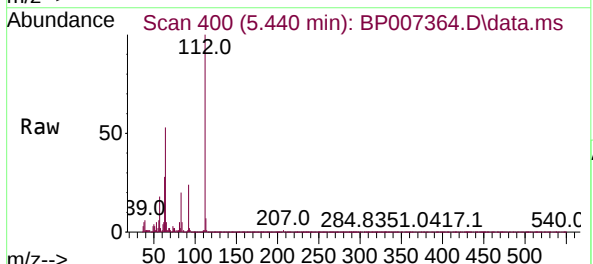
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

Tgt Ion:152 Resp: 166081
Ion Ratio Lower Upper
152 100
150 157.8 125.6 188.4
115 58.3 48.5 72.7



#5
2-Fluorophenol
Concen: 19.111 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:112 Resp: 189608
Ion Ratio Lower Upper
112 100
64 53.2 41.4 62.2
63 28.5 23.8 35.8

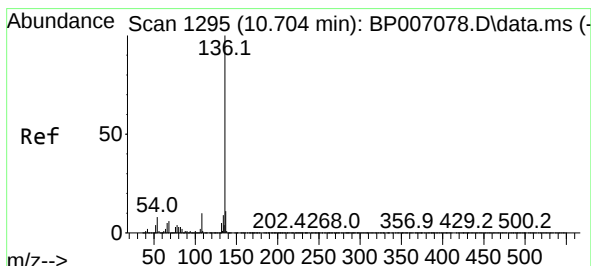
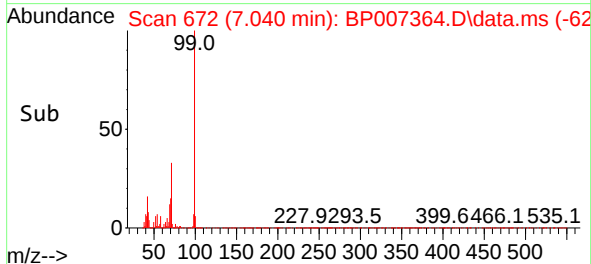
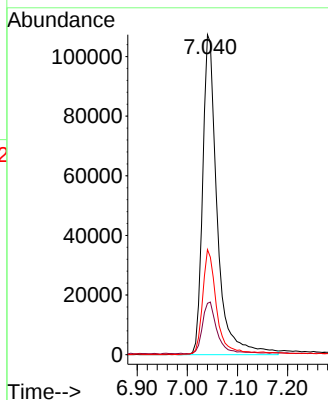
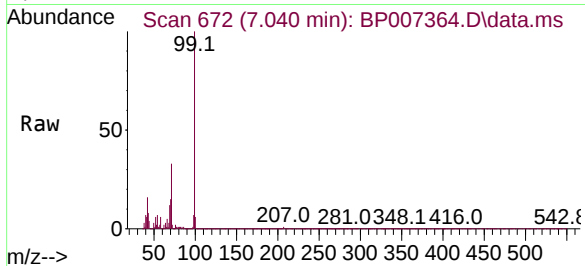




#7
Phenol-d6
Concen: 15.979 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

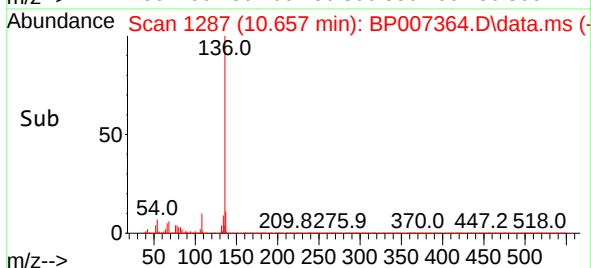
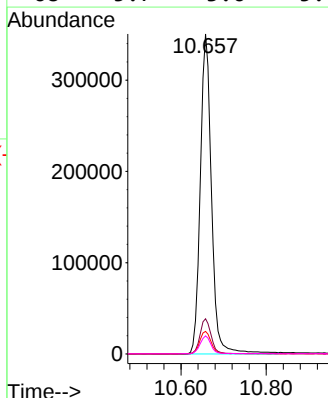
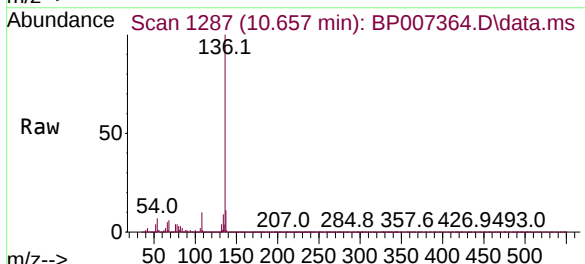
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

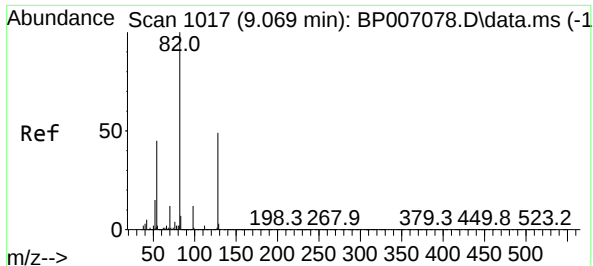
Tgt Ion:	99	Resp:	216678
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.0
71	32.9	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:	136	Resp:	640255
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.1	4.6	6.8#
68	5.7	3.6	5.4#

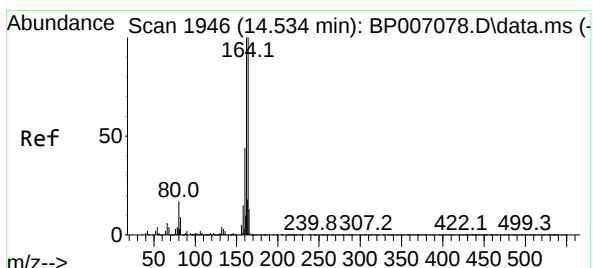
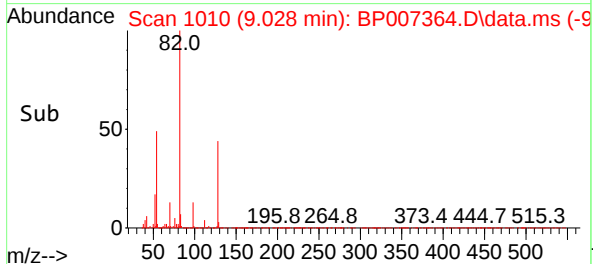
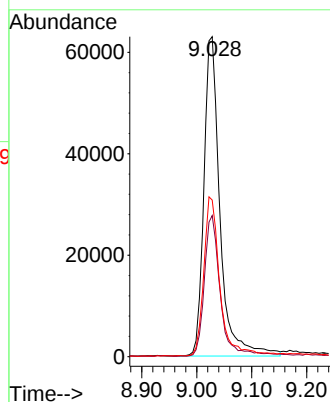
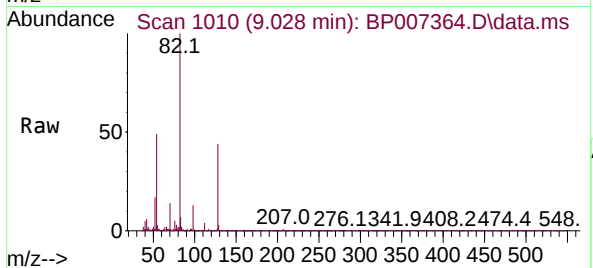




#23
Nitrobenzene-d5
Concen: 11.678 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

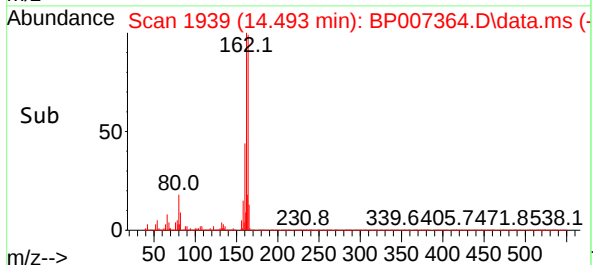
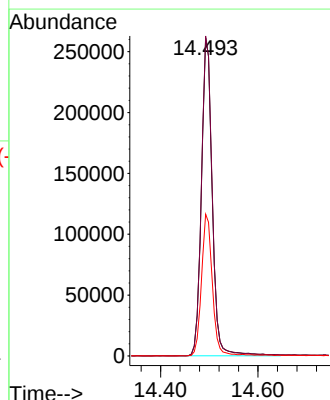
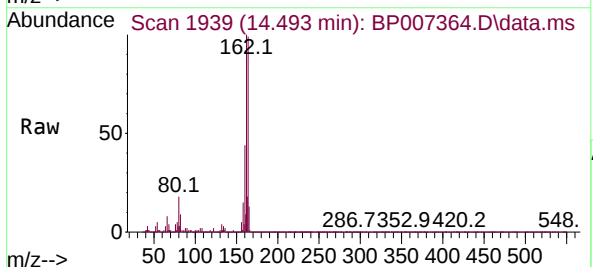
Instrument :
BNA_P
ClientSampleId :
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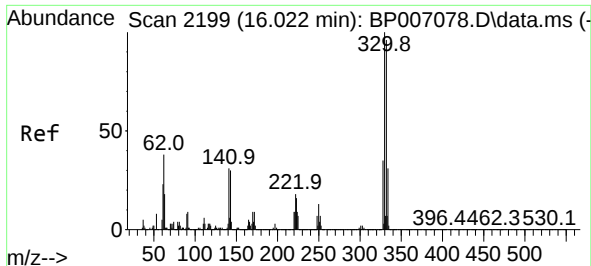
Tgt Ion: 82 Resp: 128393
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 48.9 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion: 164 Resp: 403940
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.6 34.5 51.7

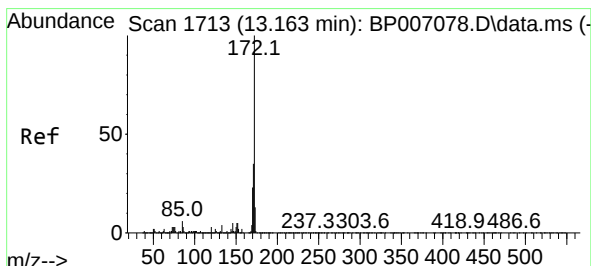
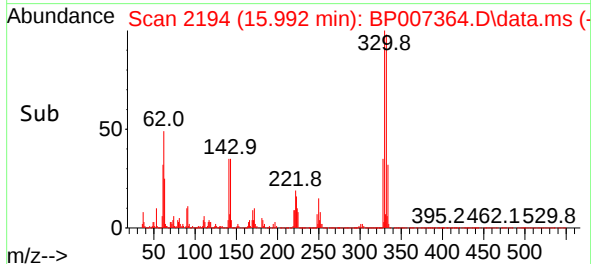
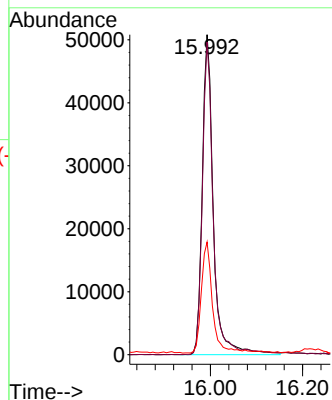
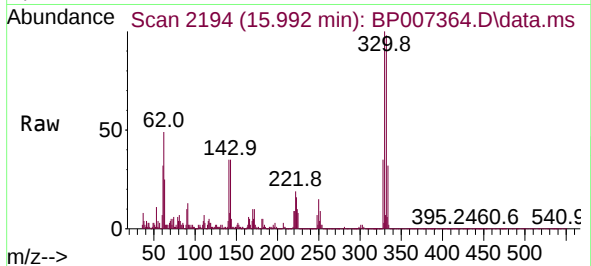




#42
2,4,6-Tribromophenol
Concen: 16.260 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

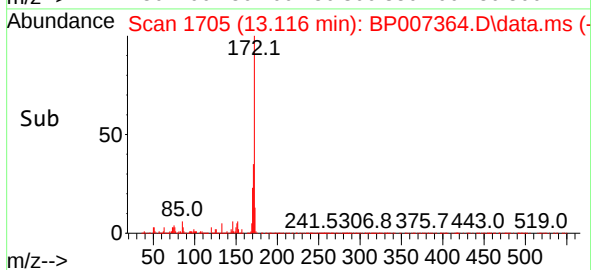
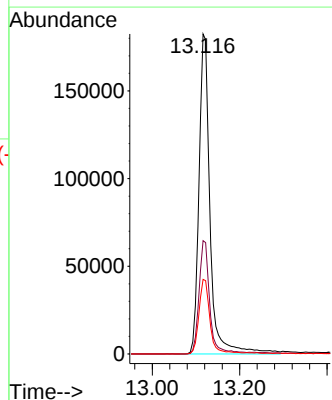
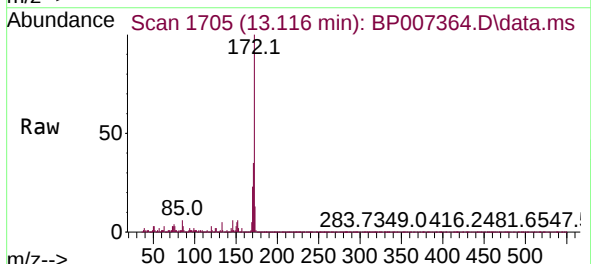
Instrument :
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ClientSampleId :
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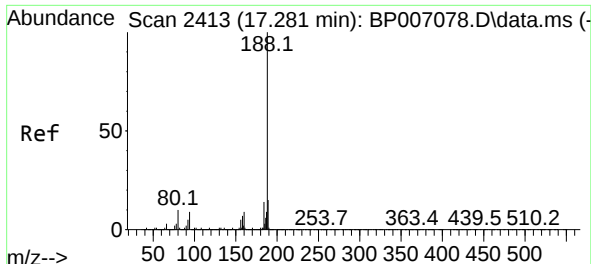
Tgt Ion:330 Resp: 85150
Ion Ratio Lower Upper
330 100
332 93.9 77.8 116.8
141 35.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 11.462 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:172 Resp: 323172
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

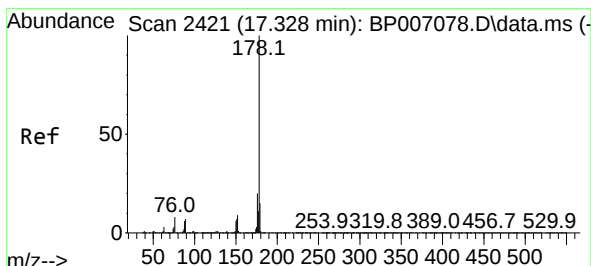
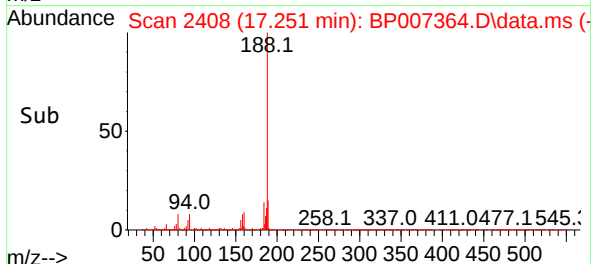
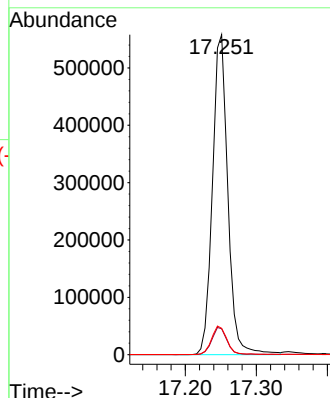
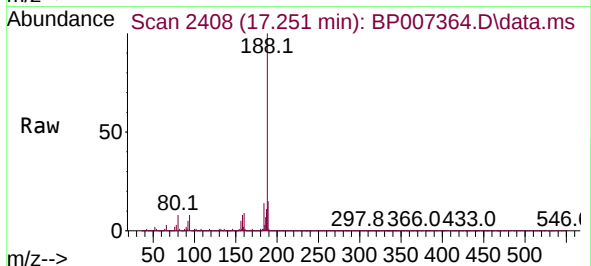




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

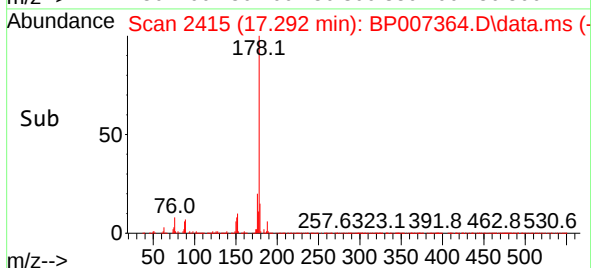
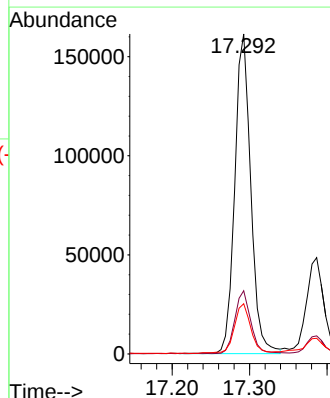
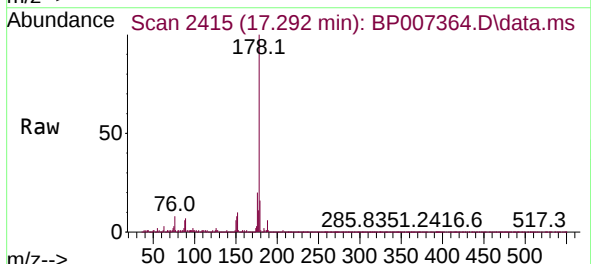
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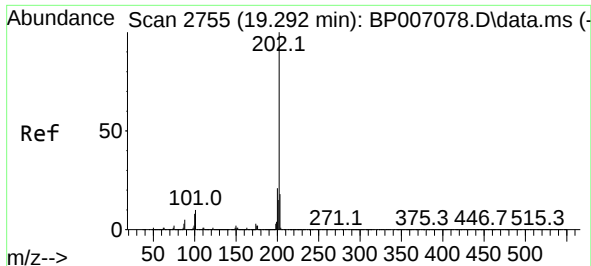
Tgt Ion:188 Resp: 837519
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.2 6.3 9.5



#71
Phenanthrene
Concen: 5.166 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:178 Resp: 231973
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.7 12.4 18.6

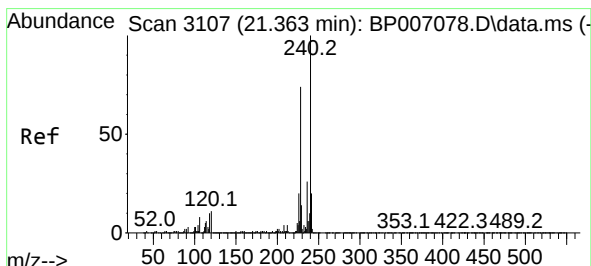
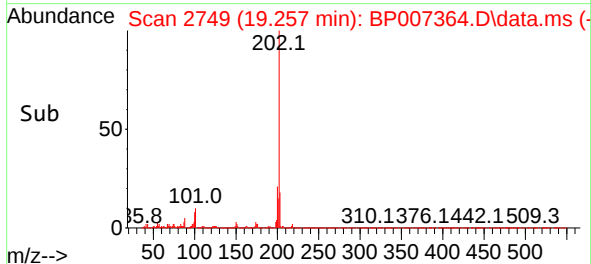
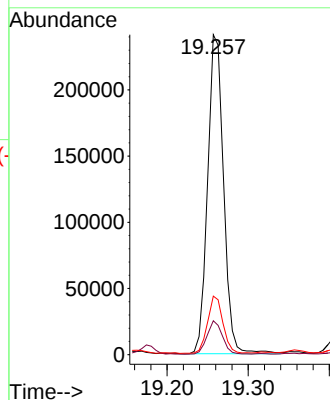
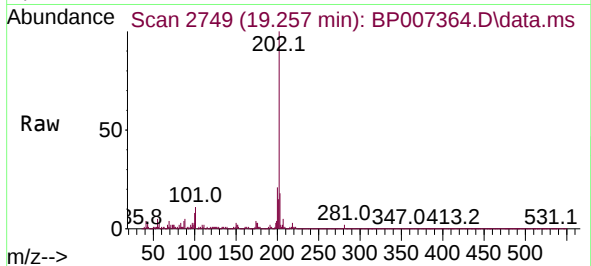




#75
Fluoranthene
Concen: 6.353 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

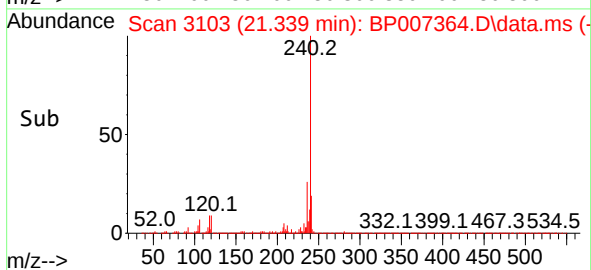
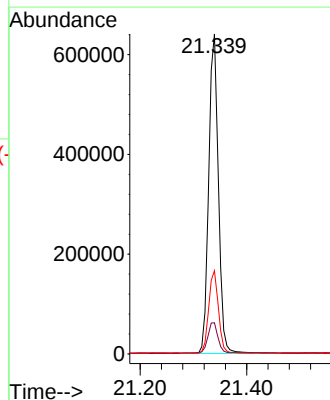
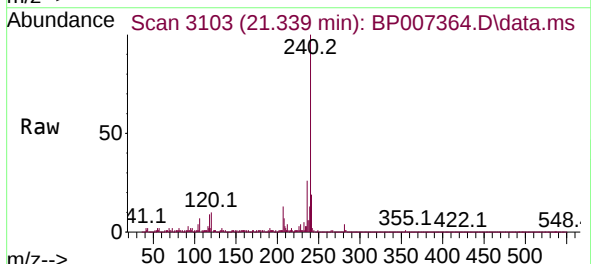
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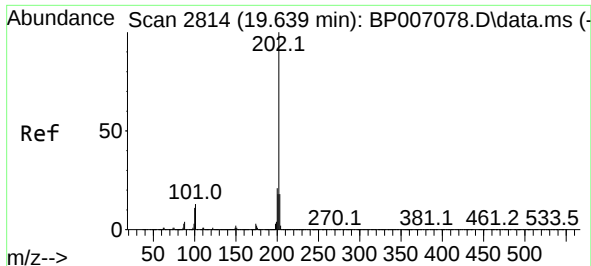
Tgt Ion:	202	Resp:	328680
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	27.6
203	18.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:	240	Resp:	806275
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.5	9.7#
236	26.0	20.6	31.0

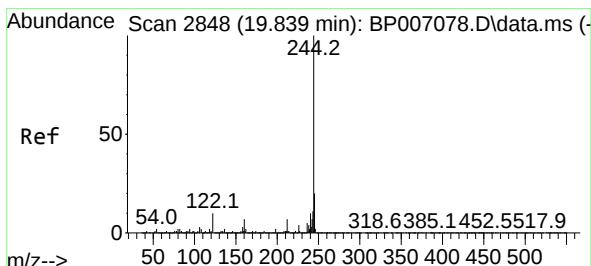
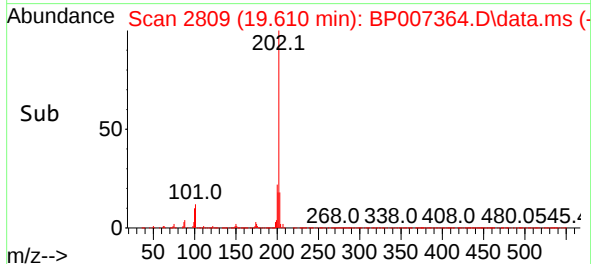
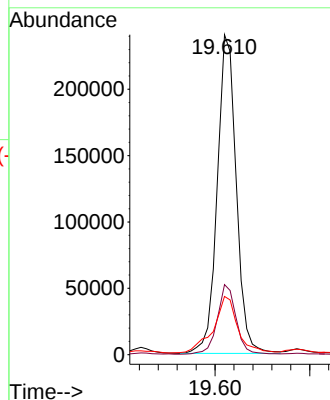
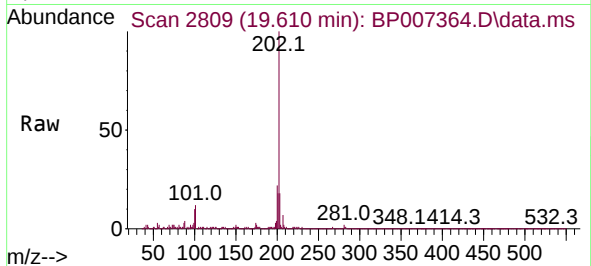




#78
 Pyrene
 Concen: 6.349 ng
 RT: 19.610 min Scan# 2809
 Delta R.T. -0.006 min
 Lab File: BP007364.D
 Acq: 06 Oct 2021 20:51

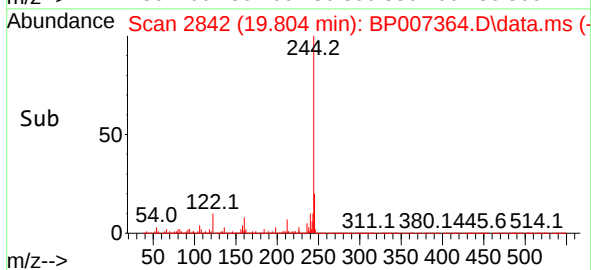
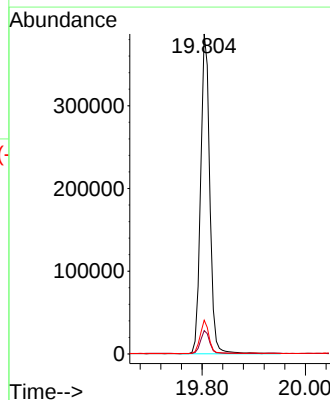
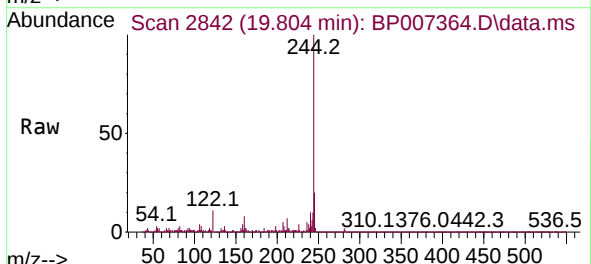
Instrument :
 BNA_P
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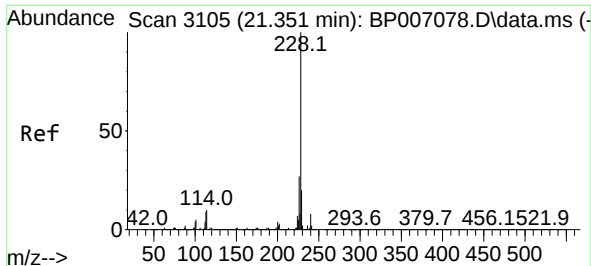
Tgt Ion:202	Resp:	335854
Ion Ratio	Lower	Upper
202	100	
200	21.9	16.3 24.5
203	18.2	14.2 21.2



#79
 Terphenyl-d14
 Concen: 11.269 ng
 RT: 19.804 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BP007364.D
 Acq: 06 Oct 2021 20:51

Tgt Ion:244	Resp:	474159
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.0 9.0
122	10.5	7.1 10.7

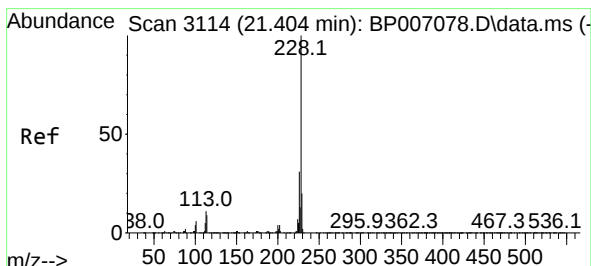
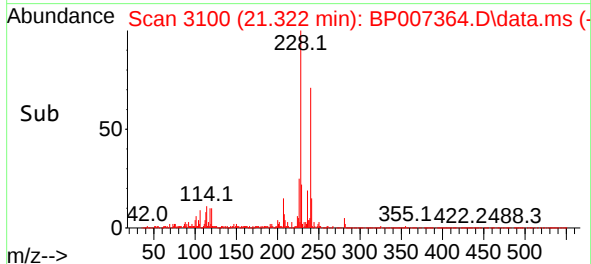
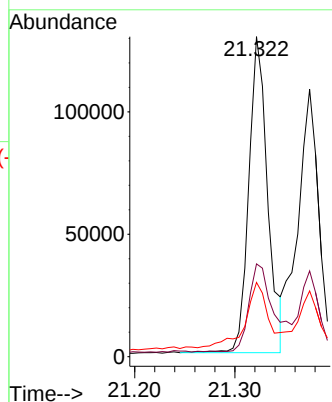
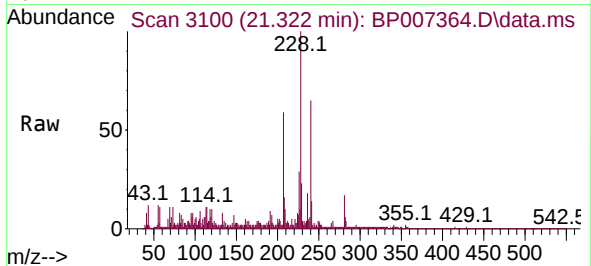




#81
Benzo(a)anthracene
Concen: 3.223 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

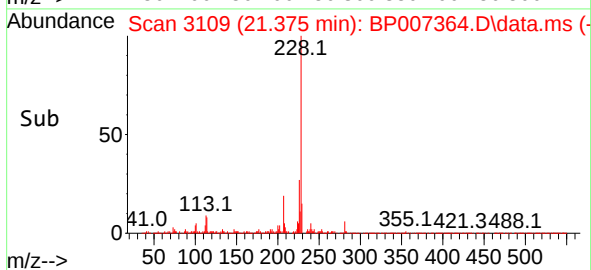
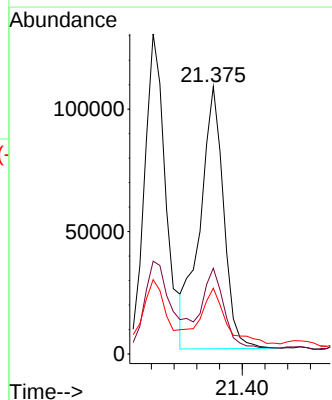
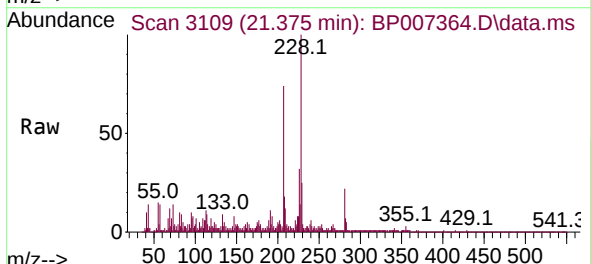
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

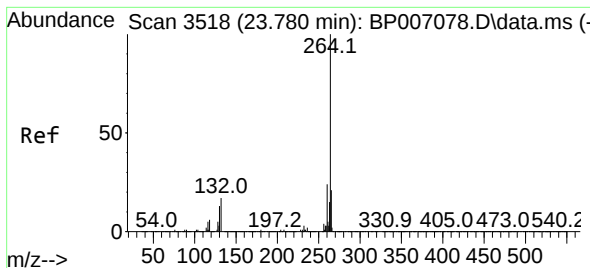
Tgt Ion:228 Resp: 168690
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 23.2 15.8 23.6



#83
Chrysene
Concen: 3.117 ng
RT: 21.375 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:228 Resp: 155892
Ion Ratio Lower Upper
228 100
226 32.1 23.8 35.6
229 24.6 15.4 23.2#

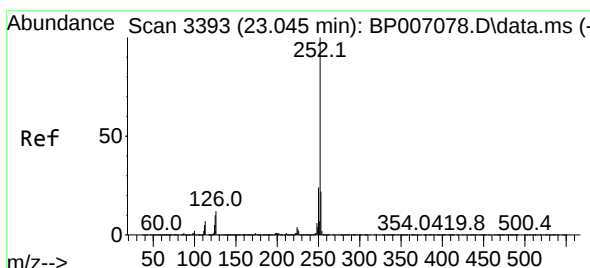
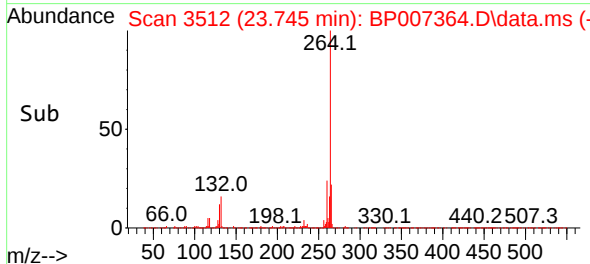
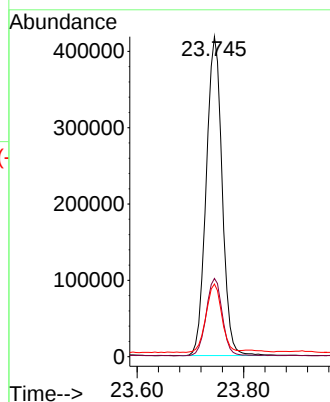
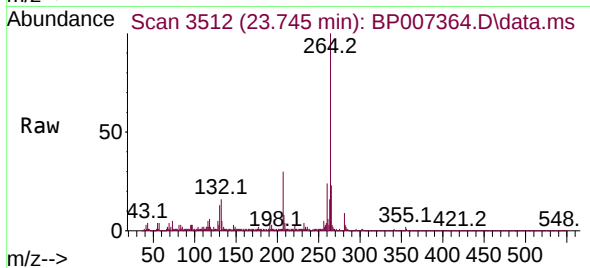




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

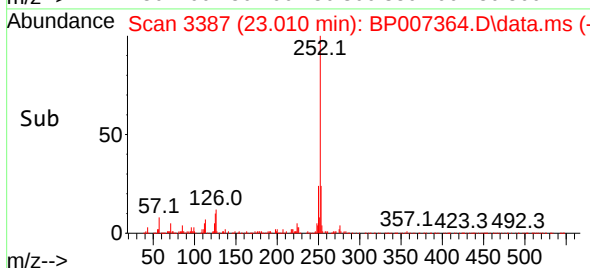
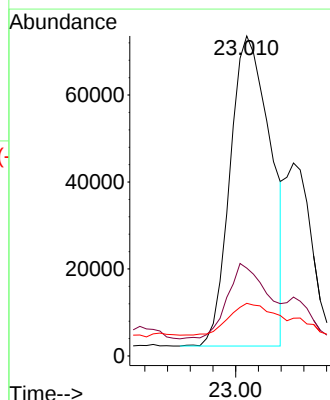
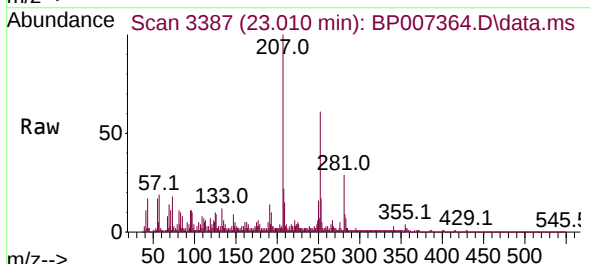
Instrument :
BNA_P
ClientSampleId :
OR-02-100521

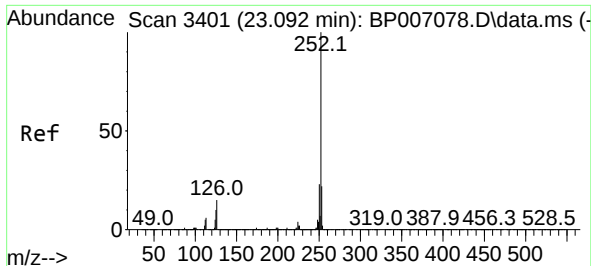
Tgt Ion:	264	Resp:	864358
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.6	28.0
265	22.7	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 3.420 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:	252	Resp:	176649
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.5	26.3#
125	16.5	6.2	9.4#

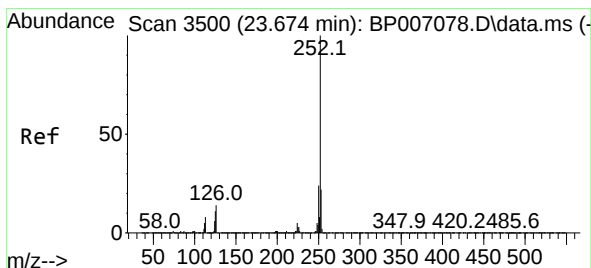
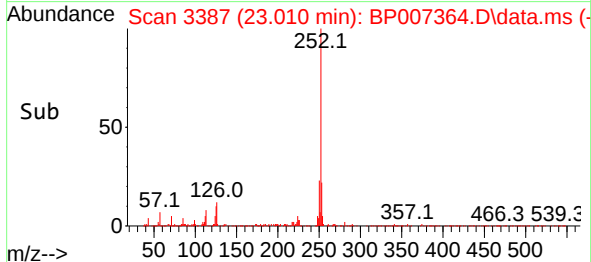
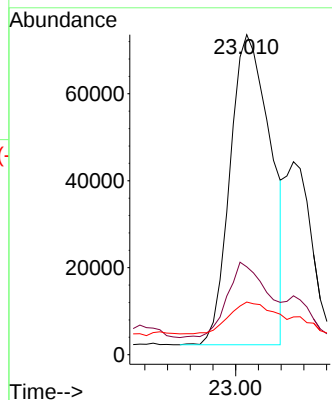
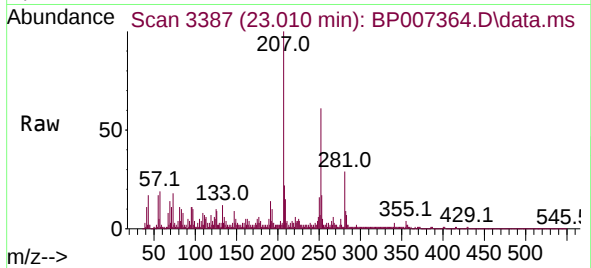




#89
Benzo(k)fluoranthene
Concen: 3.378 ng
RT: 23.010 min Scan# 3387
Delta R.T. -0.047 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Instrument :
BNA_P
ClientSampleId :
OR-02-100521

Tgt Ion:252 Resp: 176649
Ion Ratio Lower Upper
252 100
253 27.5 17.6 26.4#
125 16.5 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 3.294 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007364.D
Acq: 06 Oct 2021 20:51

Tgt Ion:252 Resp: 144561
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 16.9 6.5 9.7#

