

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006232.D
 Acq On : 14 Jul 2021 22:59
 Operator : CG/JU
 Sample : M3023-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-071321

Quant Time: Jul 15 03:12:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

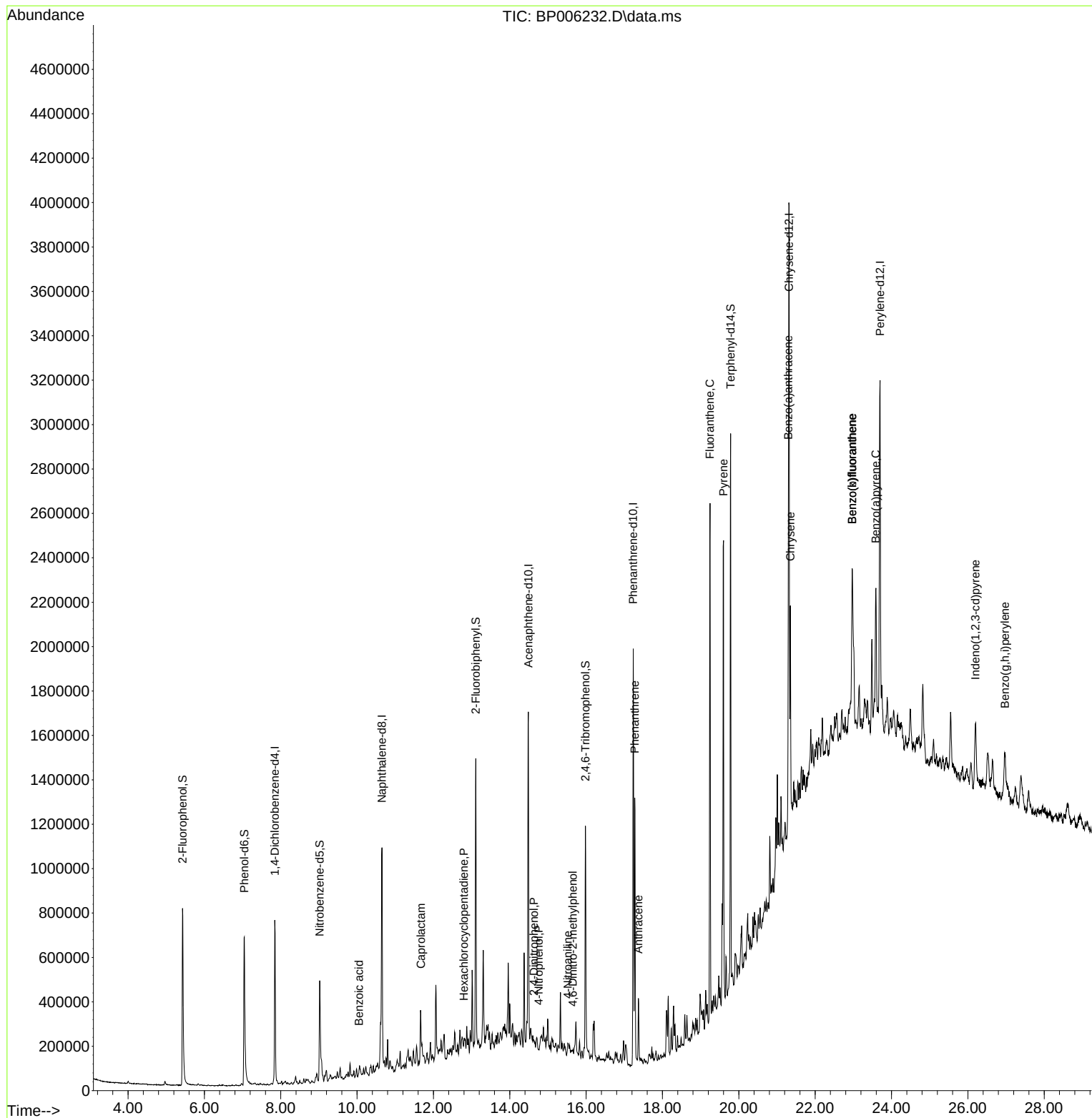
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	230722	20.00	ng	-0.02
21) Naphthalene-d8	10.652	136	919490	20.00	ng	-0.01
39) Acenaphthene-d10	14.487	164	516216	20.00	ng	-0.01
64) Phenanthrene-d10	17.234	188	1038144	20.00	ng	#-0.02
76) Chrysene-d12	21.316	240	1103840	20.00	ng	#-0.01
86) Perylene-d12	23.698	264	1113532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	486069	36.25	ng	-0.01
7) Phenol-d6	7.046	99	587354	33.12	ng	0.00
23) Nitrobenzene-d5	9.022	82	317530	21.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	208359	33.90	ng	-0.02
45) 2-Fluorobiphenyl	13.110	172	704611	20.18	ng	-0.01
79) Terphenyl-d14	19.786	244	1058602	18.91	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.052	122	162	6.92	ng	# 1
35) Caprolactam	11.669	113	10397	2.48	ng	# 1
41) Hexachlorocyclopentadiene	12.793	237	12	8.70	ng	80
54) 2,4-Dinitrophenol	14.634	184	49	8.89	ng	# 1
56) 4-Nitrophenol	14.757	139	472	7.19	ng	# 1
62) 4-Nitroaniline	15.522	138	546	3.02	ng	91
65) 4,6-Dinitro-2-methylph...	15.651	198	145	4.44	ng	# 1
71) Phenanthrene	17.275	178	723781	12.35	ng	100
72) Anthracene	17.369	178	199375	3.47	ng	99
75) Fluoranthene	19.245	202	1315178	20.47	ng	96
78) Pyrene	19.598	202	1204760	16.15	ng	99
81) Benzo(a)anthracene	21.298	228	599388	8.59	ng	99
83) Chrysene	21.351	228	506928	7.35	ng	97
87) Indeno(1,2,3-cd)pyrene	26.198	276	270588	3.30	ng	# 93
88) Benzo(b)fluoranthene	22.969	252	630982	9.34	ng	# 90
89) Benzo(k)fluoranthene	22.969	252	630982	9.56	ng	# 90
90) Benzo(a)pyrene	23.592	252	437929	6.91	ng	# 90
92) Benzo(g,h,i)perylene	26.974	276	263504	3.79	ng	# 87

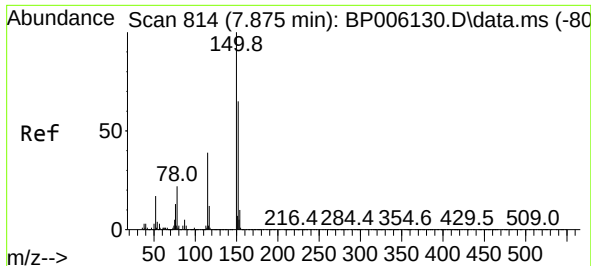
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006232.D
Acq On : 14 Jul 2021 22:59
Operator : CG/JU
Sample : M3023-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071321

Quant Time: Jul 15 03:12:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

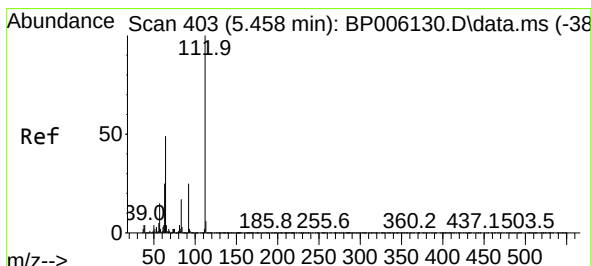
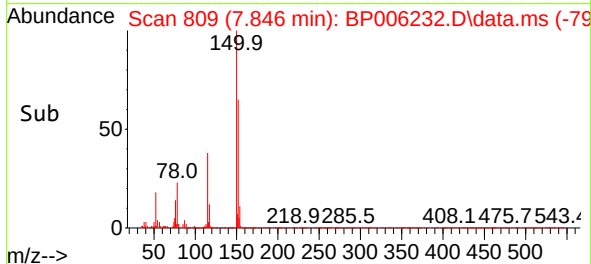
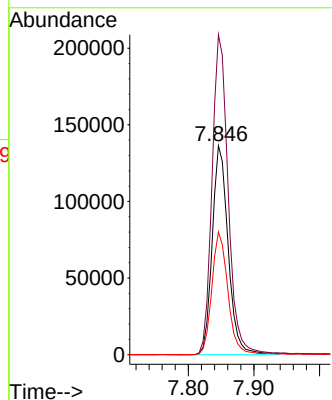
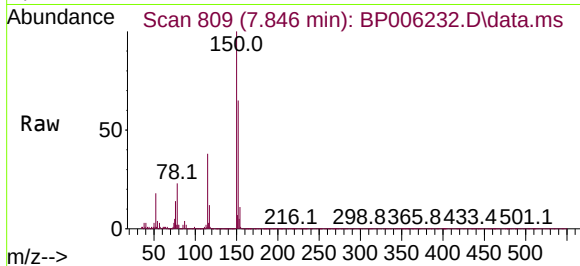




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

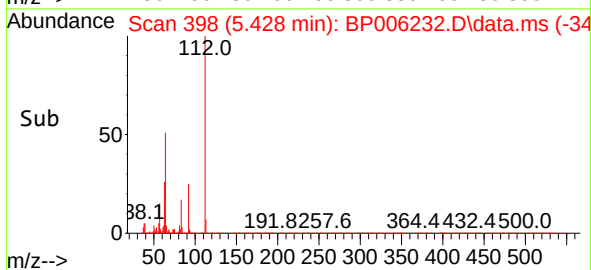
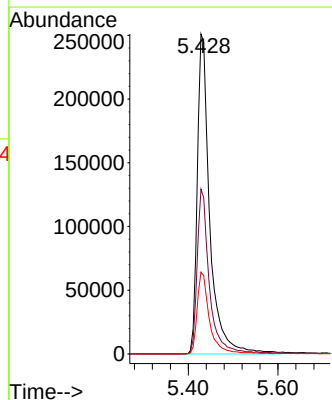
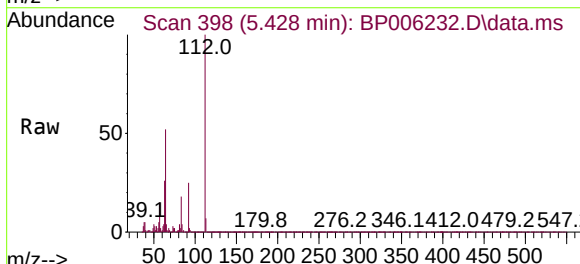
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

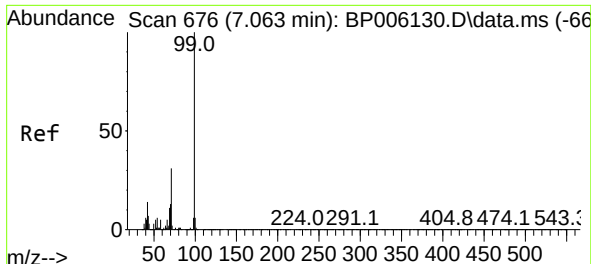
Tgt Ion:152 Resp: 230722
Ion Ratio Lower Upper
152 100
150 153.2 125.6 188.4
115 58.7 48.5 72.7



#5
2-Fluorophenol
Concen: 36.25 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:112 Resp: 486069
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 25.6 23.8 35.8

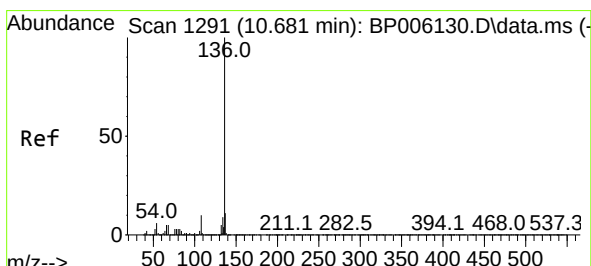
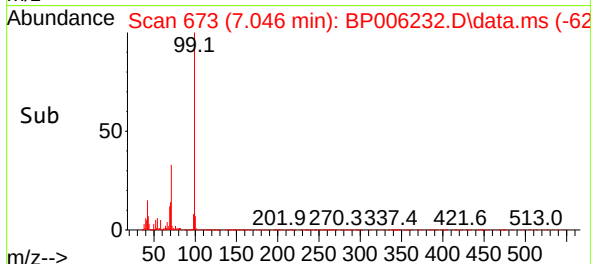
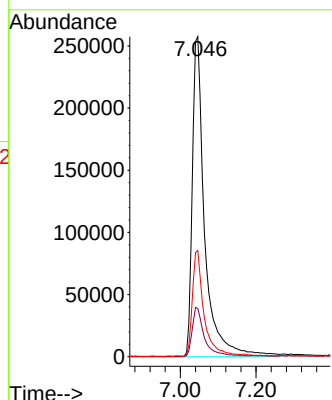
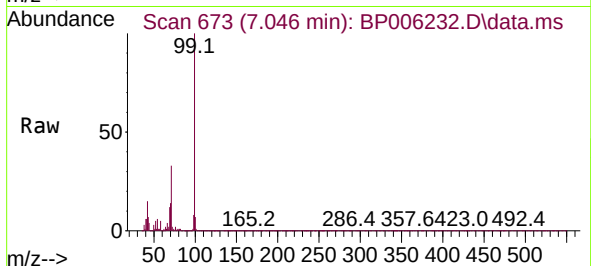




#7
Phenol-d6
Concen: 33.12 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

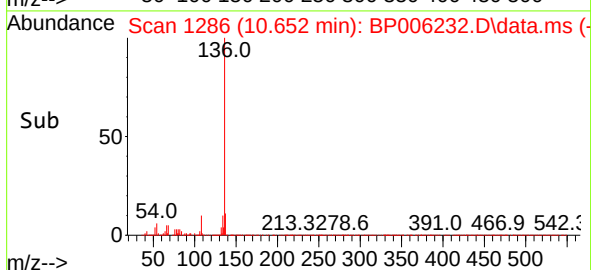
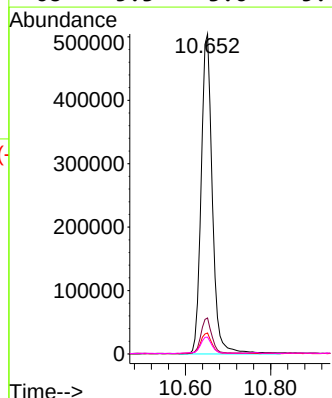
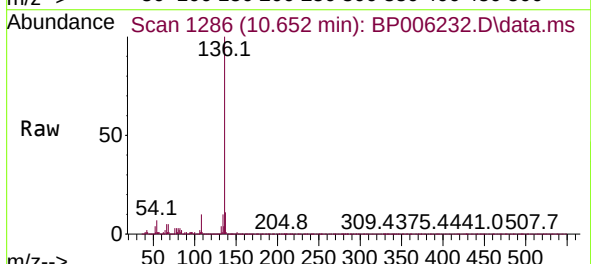
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

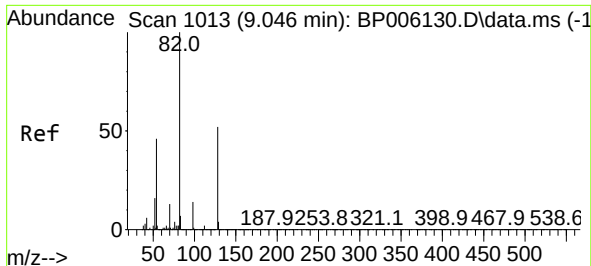
Tgt Ion:	99	Resp:	587354
Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.4	20.0
71	33.2	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:	136	Resp:	919490
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.5	4.6	6.8
68	5.3	3.6	5.4

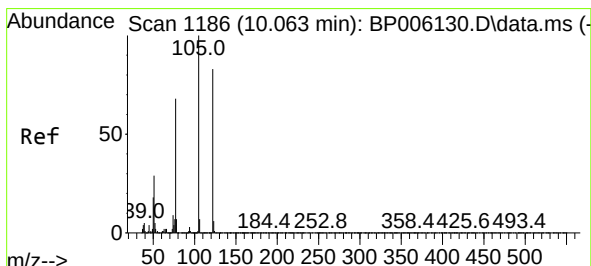
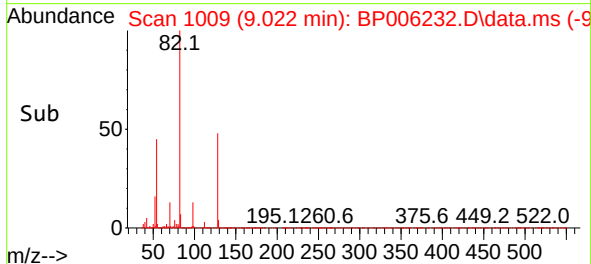
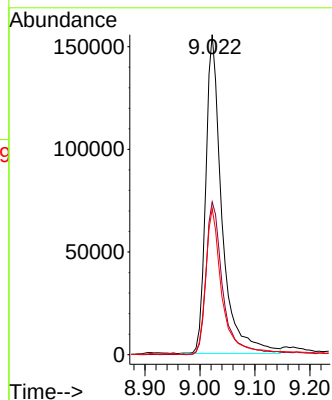
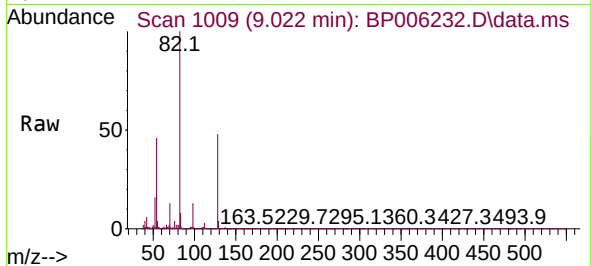




#23
Nitrobenzene-d5
Concen: 21.81 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

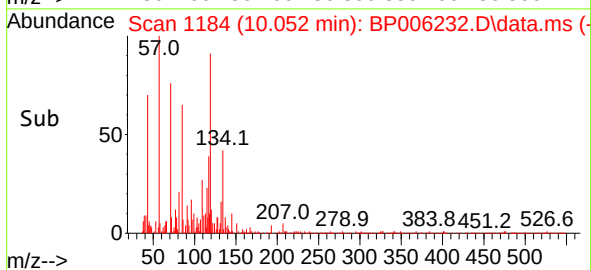
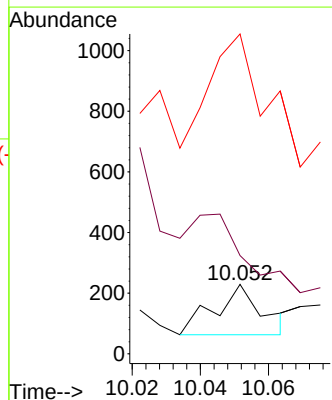
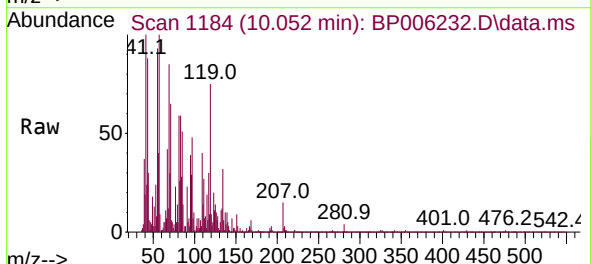
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

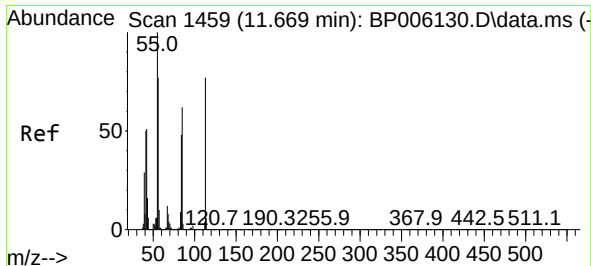
Tgt Ion: 82 Resp: 317530
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 45.6 35.0 52.4



#32
Benzoic acid
Concen: 6.92 ng
RT: 10.052 min Scan# 1184
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 141.5 103.2 143.2
77 460.7 76.2 116.2#

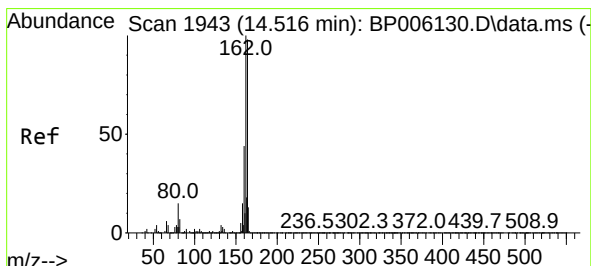
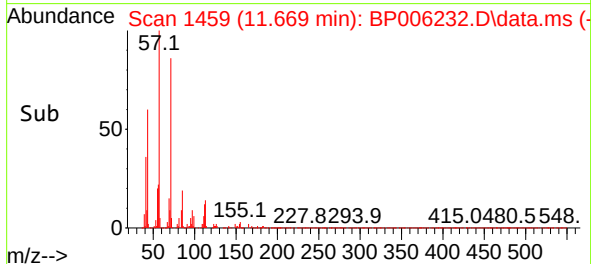
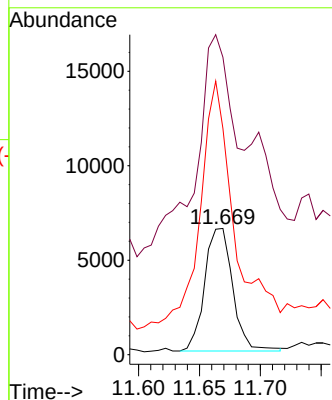
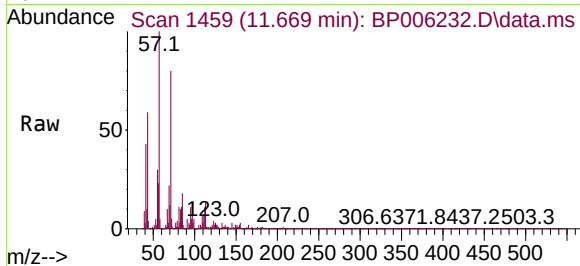




#35
Caprolactam
Concen: 2.48 ng
RT: 11.669 min Scan# 1459
Delta R.T. 0.012 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

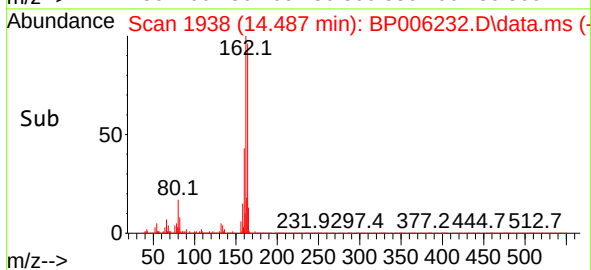
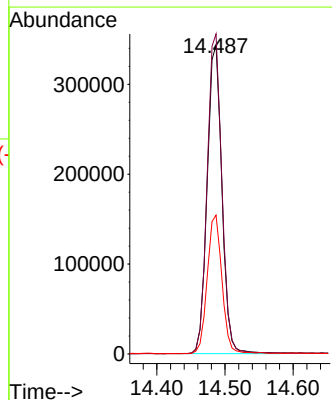
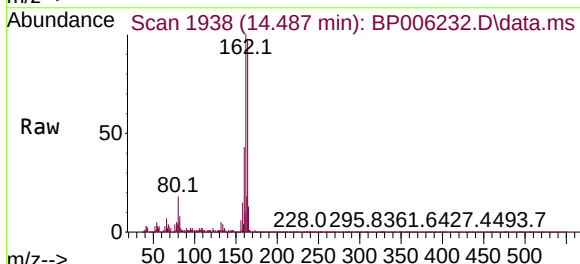
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

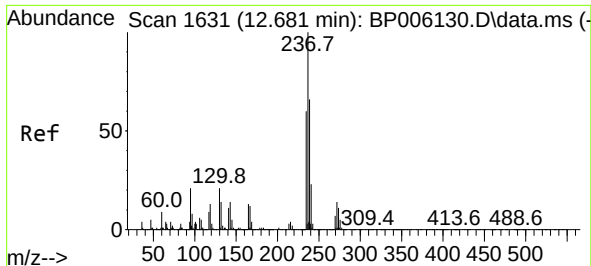
Tgt Ion:113 Resp: 10397
Ion Ratio Lower Upper
113 100
55 235.7 98.9 138.9#
56 179.2 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:164 Resp: 516216
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 44.9 34.5 51.7

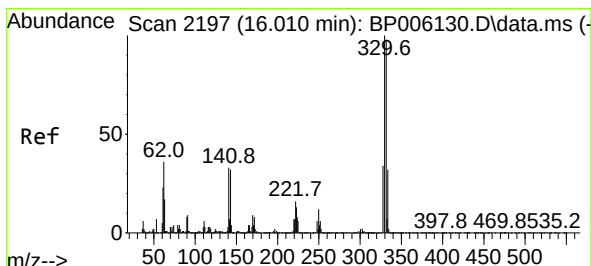
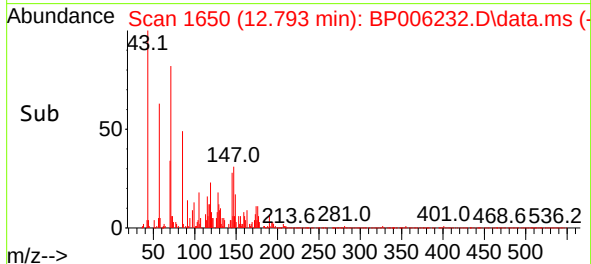
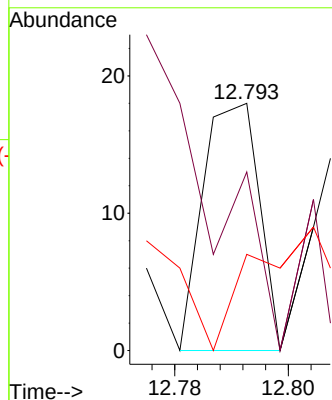
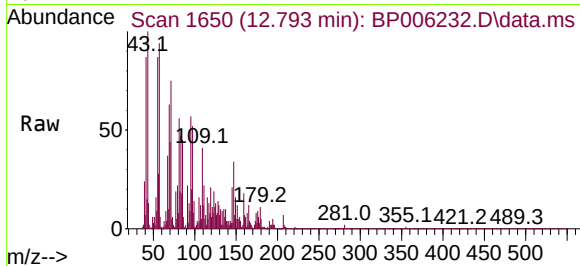




#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.793 min Scan# 1650
Delta R.T. 0.124 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

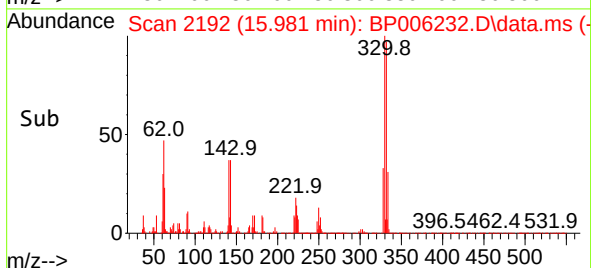
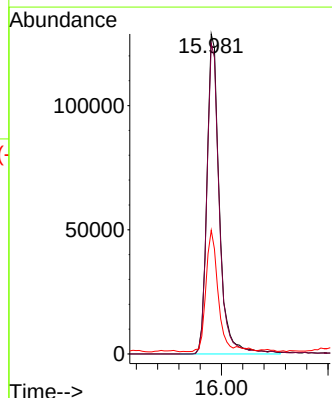
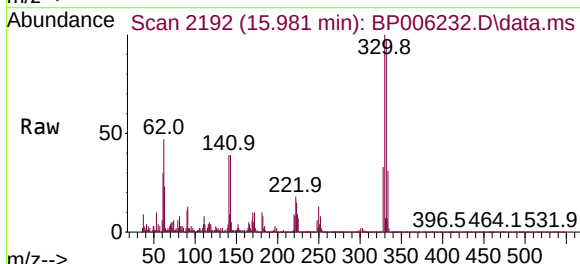
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

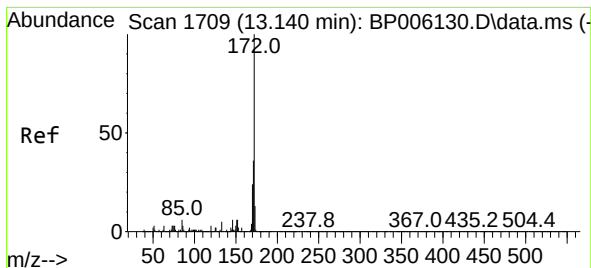
Tgt Ion:237	Resp:	12
Ion Ratio	Lower	Upper
237	100	
235	52.0	44.5 84.5
272	28.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 33.90 ng
RT: 15.981 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:330	Resp:	208359
Ion Ratio	Lower	Upper
330	100	
332	96.4	77.8 116.8
141	37.3	25.4 38.2

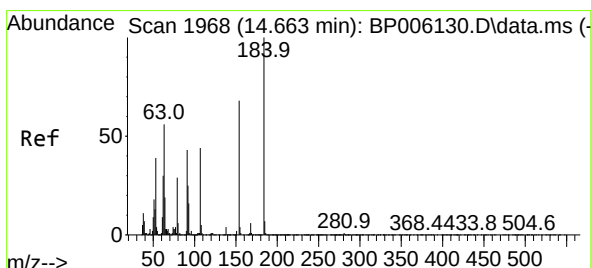
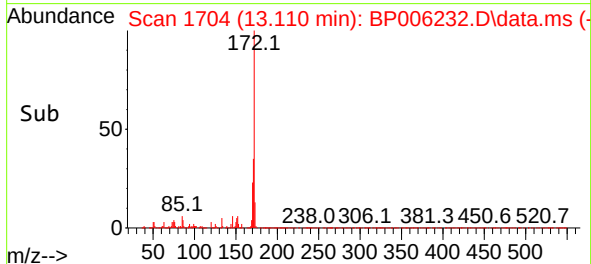
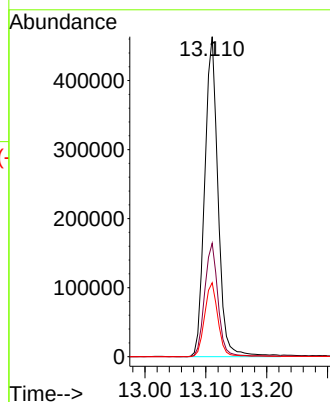
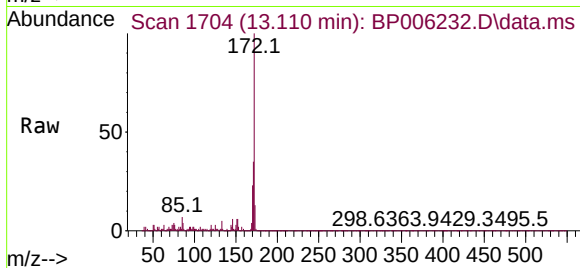




#45
2-Fluorobiphenyl
Concen: 20.18 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

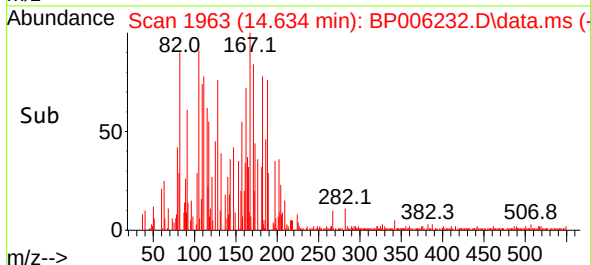
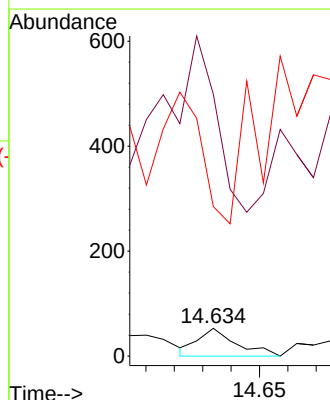
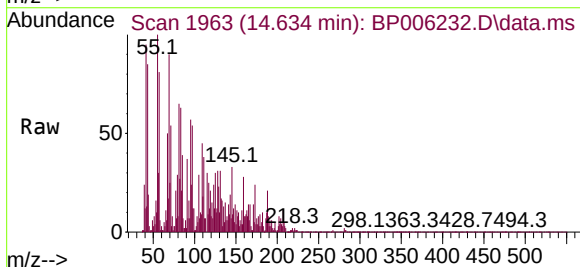
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

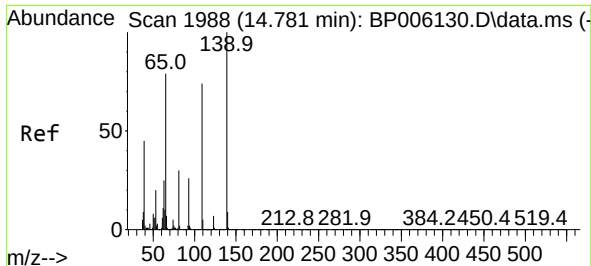
Tgt Ion:	172	Resp:	704611
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.9	41.9
170	23.1	18.6	27.8



#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.634 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:	184	Resp:	49
Ion Ratio	Lower	Upper	
184	100		
63	941.5	47.0	70.6#
154	537.7	52.3	78.5#

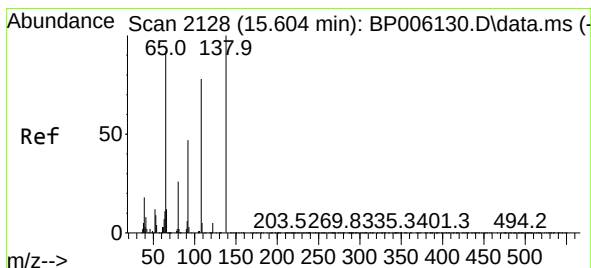
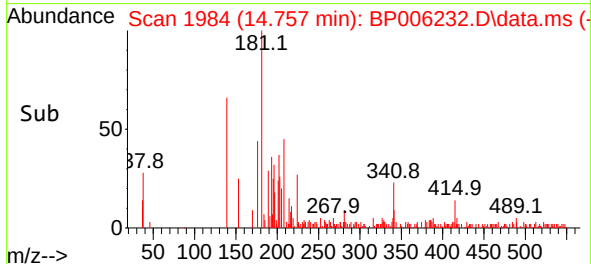
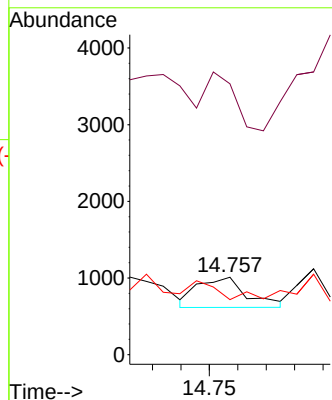
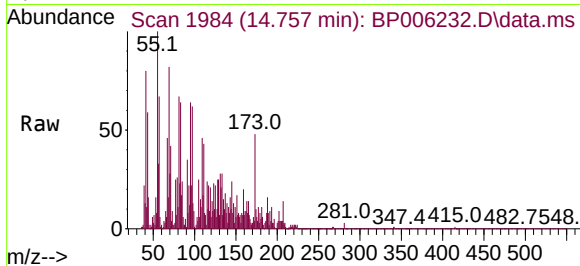




#56
4-Nitrophenol
Concen: 7.19 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

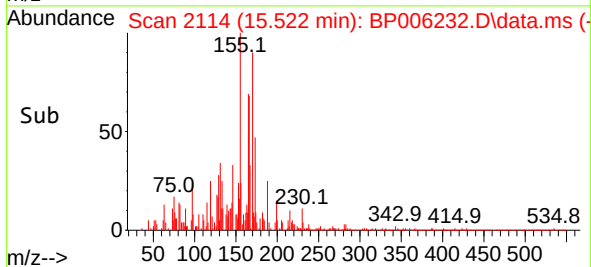
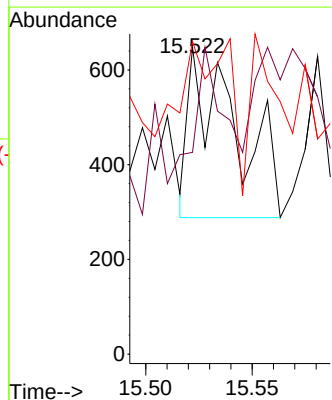
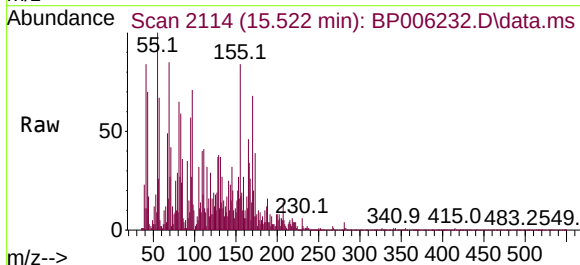
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

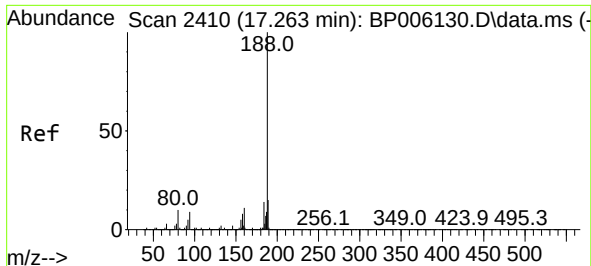
Tgt Ion	Ratio	Lower	Upper
139	100		
109	349.9	72.3	112.3#
65	71.2	72.5	112.5#



#62
4-Nitroaniline
Concen: 3.02 ng
RT: 15.522 min Scan# 2114
Delta R.T. -0.070 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.7	31.2	71.2
108	101.9	78.6	118.6

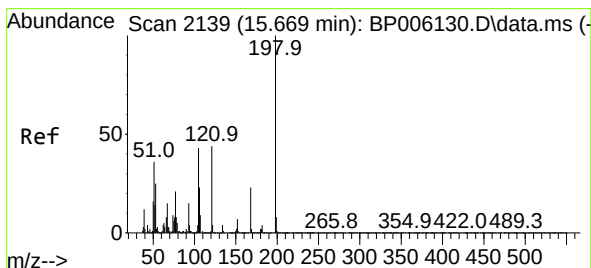
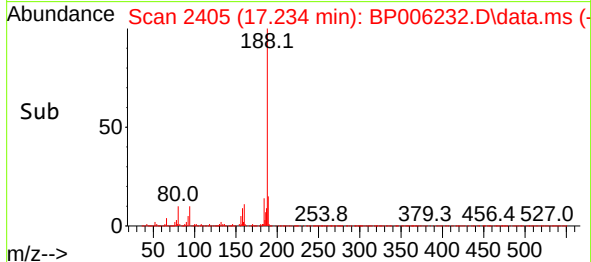
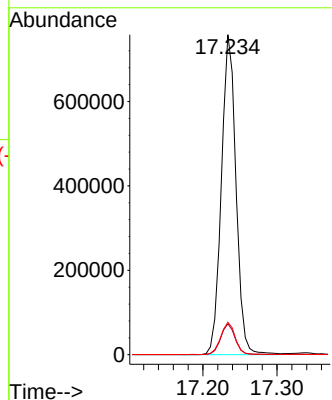
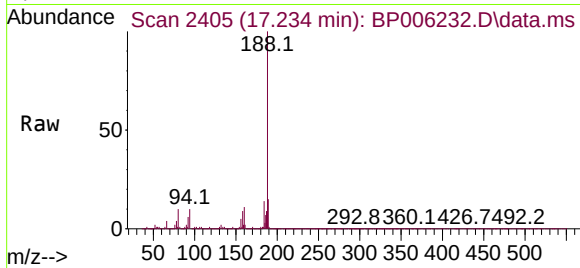




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

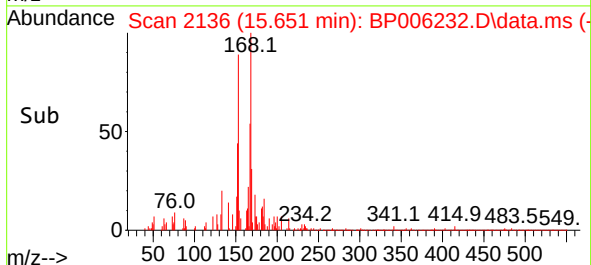
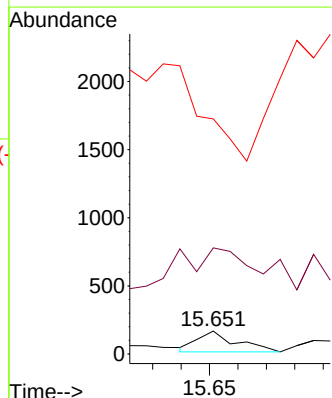
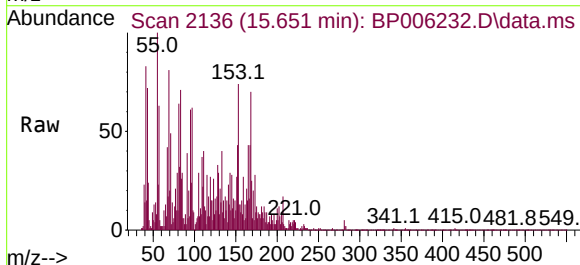
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

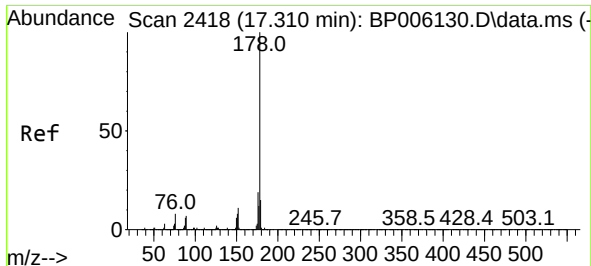
Tgt Ion:188 Resp: 1038144
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.1 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.44 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 463.7 14.0 54.0#
105 1027.4 19.5 59.5#

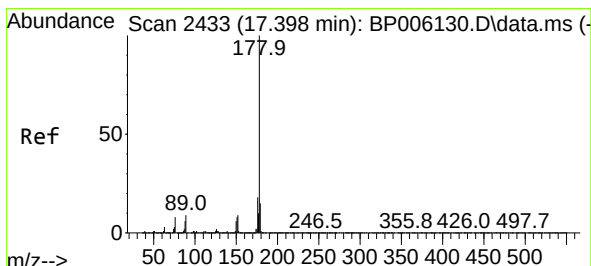
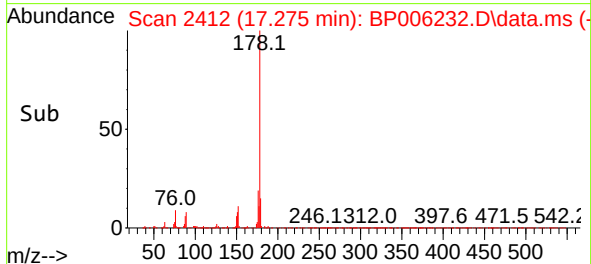
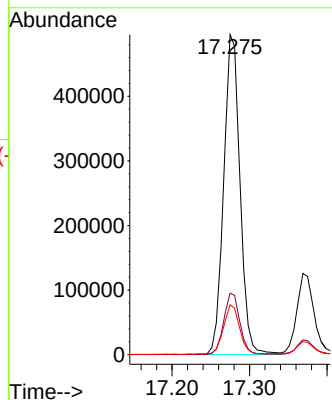
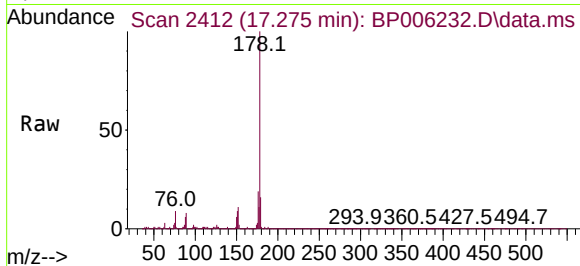




#71
Phenanthrene
Concen: 12.35 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

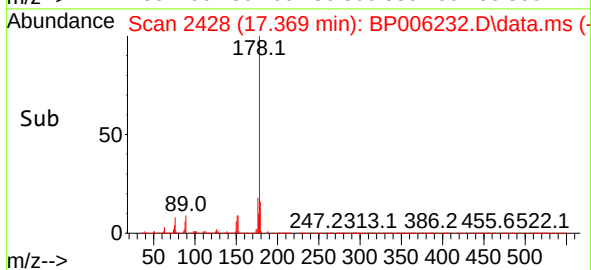
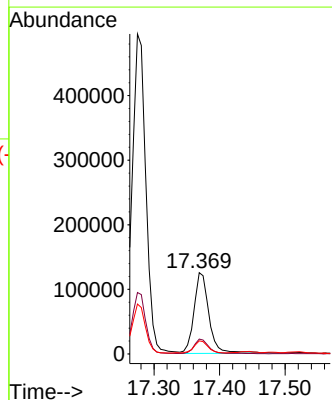
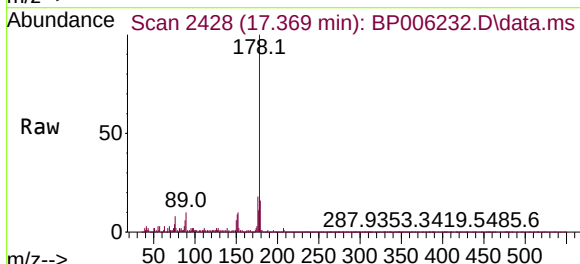
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

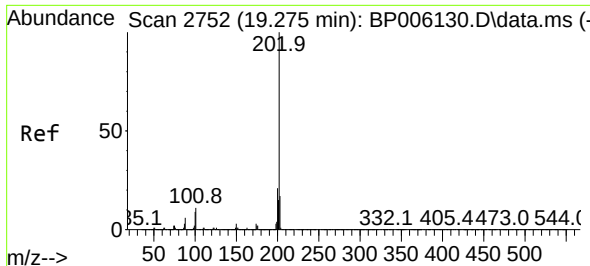
Tgt Ion:178 Resp: 723781
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 12.4 18.6



#72
Anthracene
Concen: 3.47 ng
RT: 17.369 min Scan# 2428
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:178 Resp: 199375
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 16.1 12.2 18.2

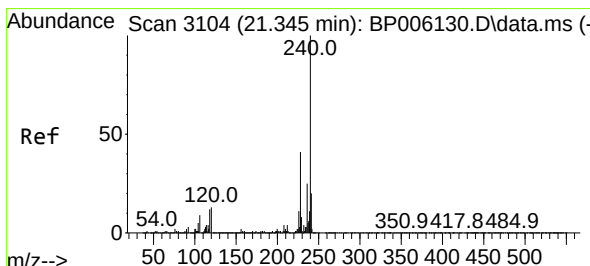
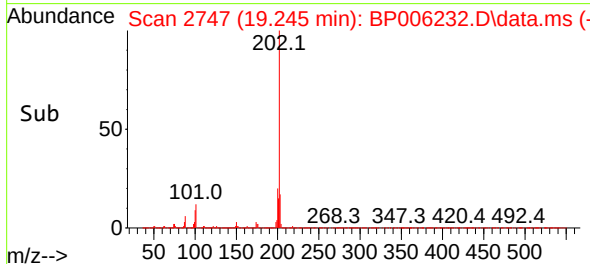
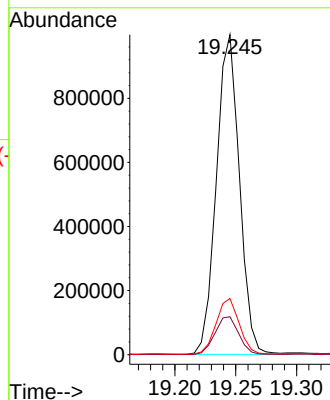
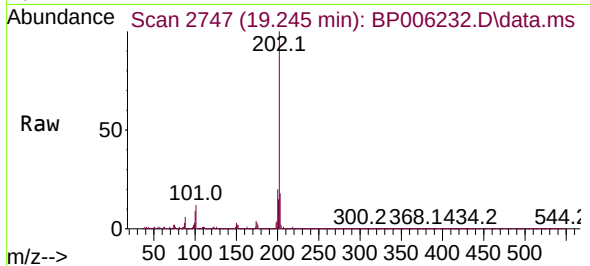




#75
Fluoranthene
Concen: 20.47 ng
RT: 19.245 min Scan# 2747
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

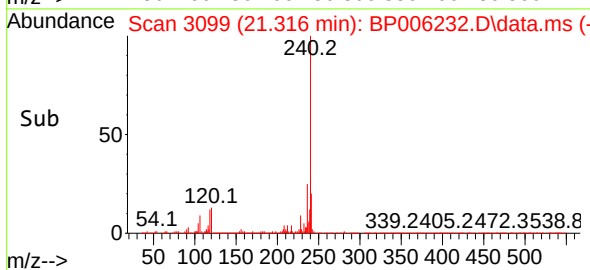
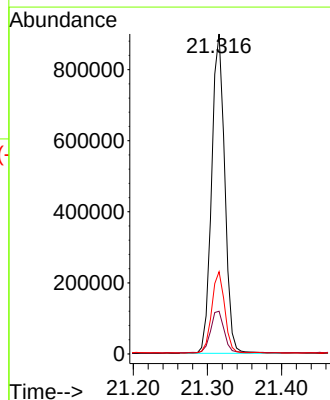
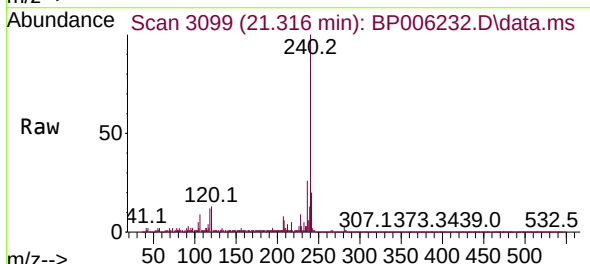
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

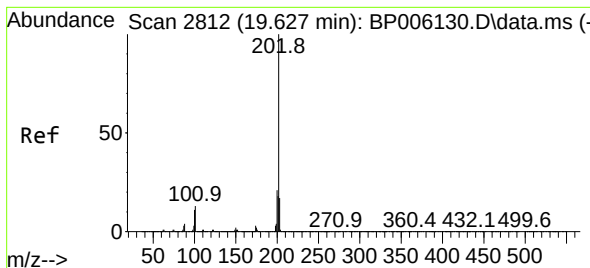
Tgt Ion:202 Resp: 1315178
Ion Ratio Lower Upper
202 100
101 11.9 0.0 27.6
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:240 Resp: 1103840
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 25.7 20.6 31.0





#78

Pyrene

Concen: 16.15 ng

RT: 19.598 min Scan# 2807

Delta R.T. -0.011 min

Lab File: BP006232.D

Acq: 14 Jul 2021 22:59

Instrument :

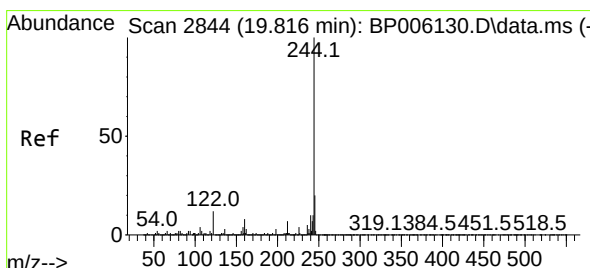
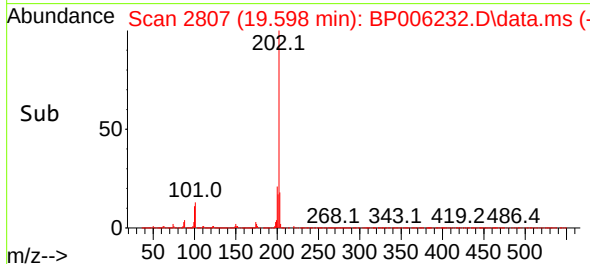
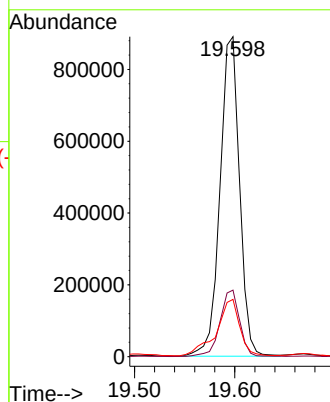
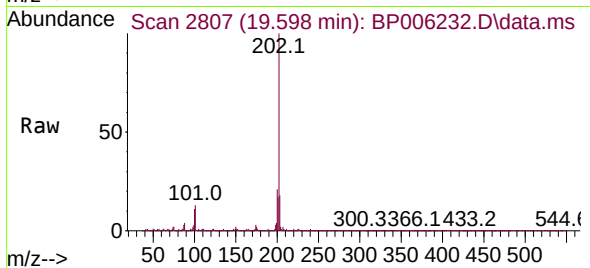
BNA_P

ClientSampleId :

OR-02-071321

Tgt Ion:202 Resp: 1204760

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.9	14.2	21.2



#79

Terphenyl-d14

Concen: 18.91 ng

RT: 19.786 min Scan# 2839

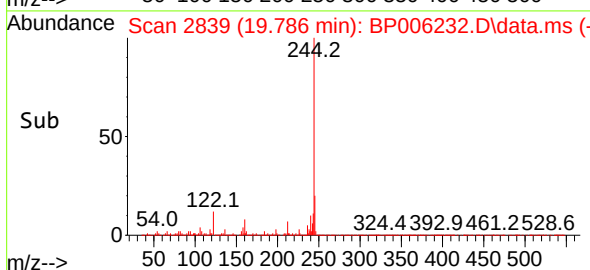
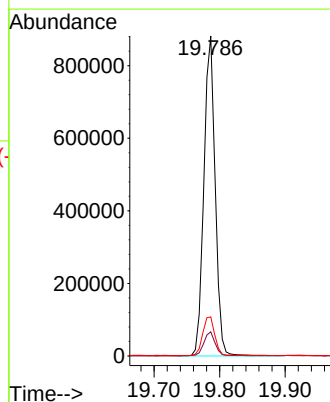
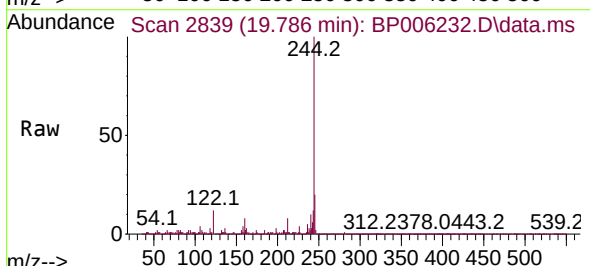
Delta R.T. -0.017 min

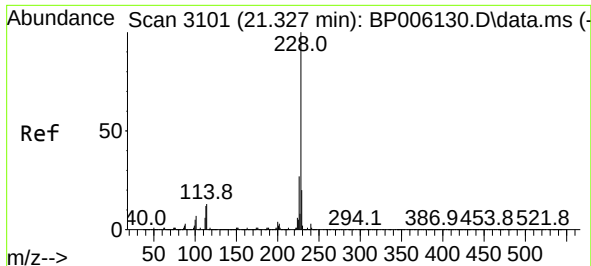
Lab File: BP006232.D

Acq: 14 Jul 2021 22:59

Tgt Ion:244 Resp: 1058602

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.2	7.1	10.7

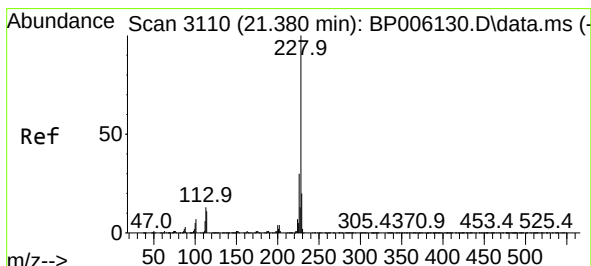
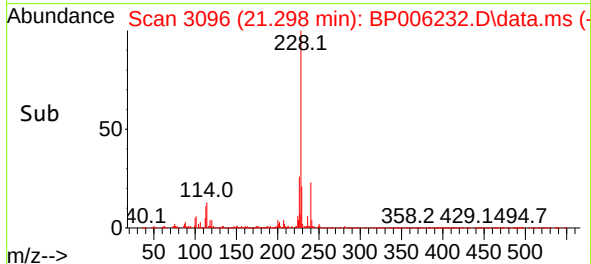
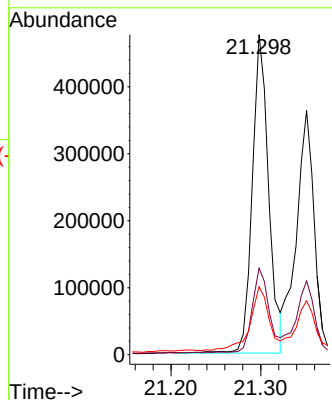
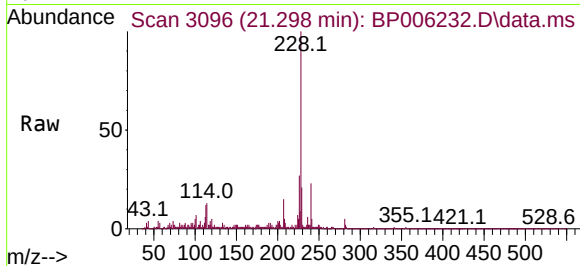




#81
Benzo(a)anthracene
Concen: 8.59 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

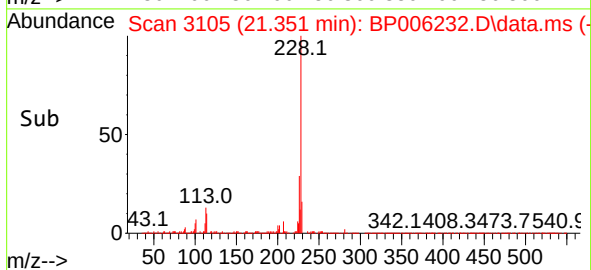
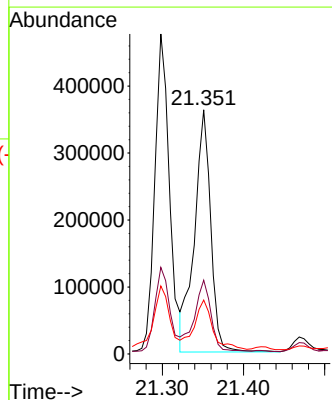
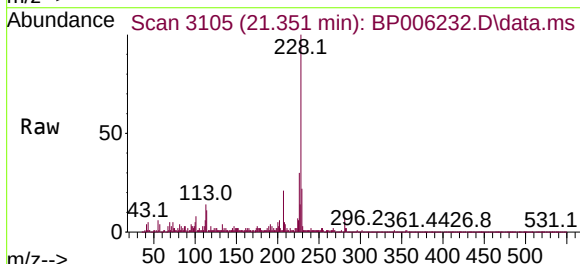
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

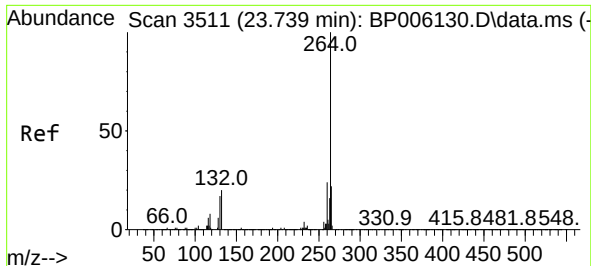
Tgt Ion:228 Resp: 599388
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 21.3 15.8 23.6



#83
Chrysene
Concen: 7.35 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:228 Resp: 506928
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 22.1 15.4 23.2

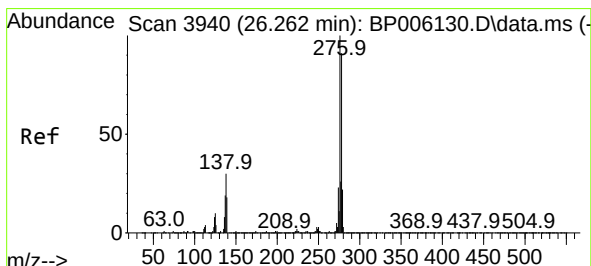
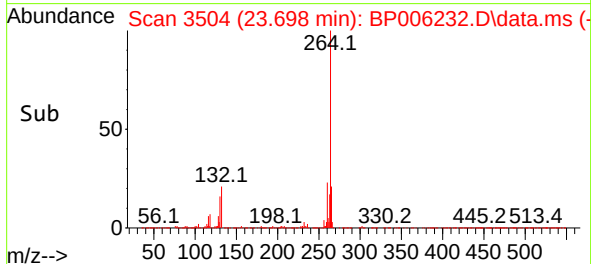
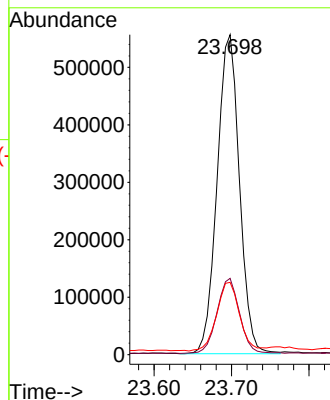
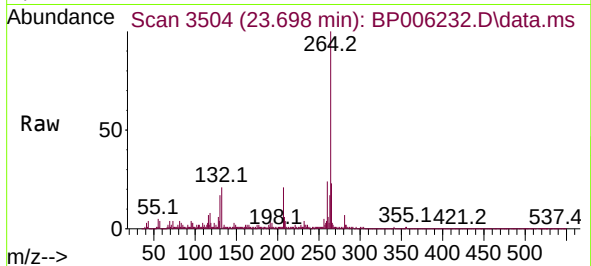




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

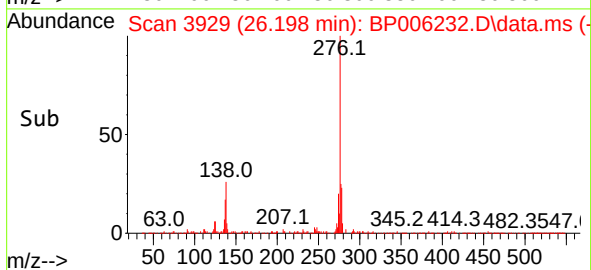
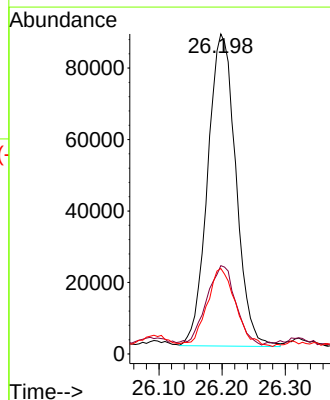
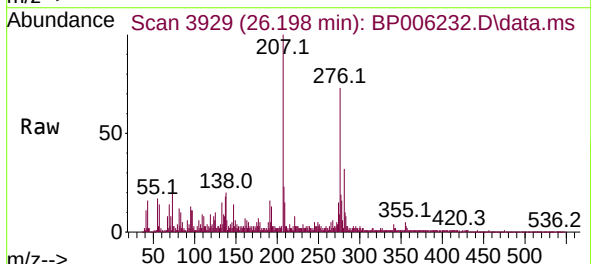
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

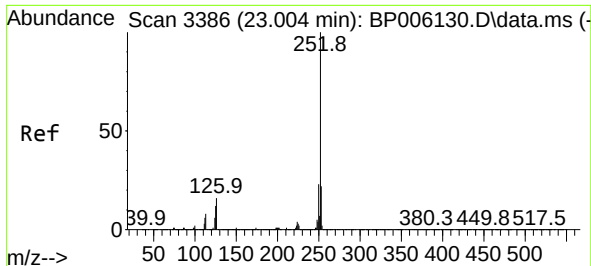
Tgt Ion:264 Resp: 1113532
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.6 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.30 ng
RT: 26.198 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:276 Resp: 270588
Ion Ratio Lower Upper
276 100
138 26.3 15.3 22.9#
277 25.5 20.4 30.6

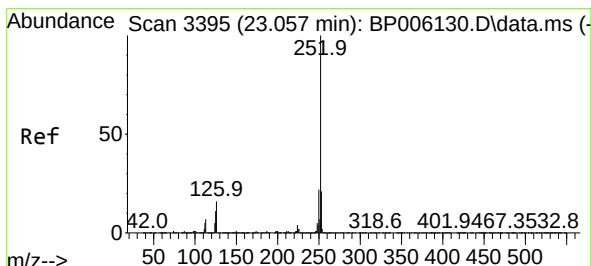
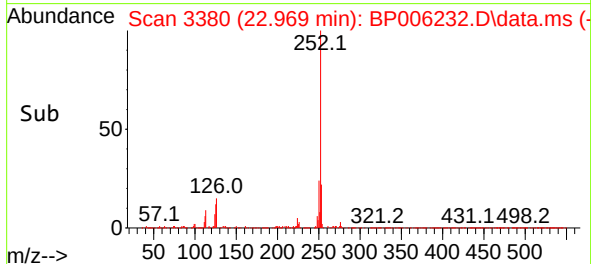
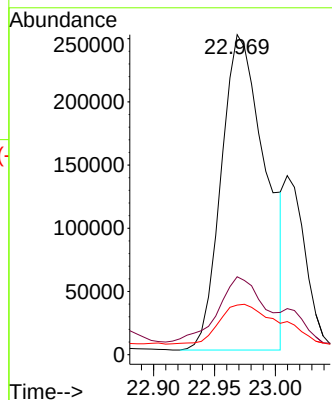
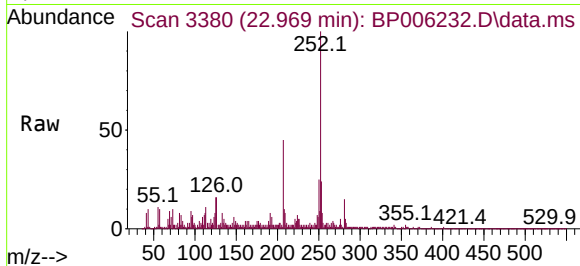




#88
Benzo(b)fluoranthene
Concen: 9.34 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

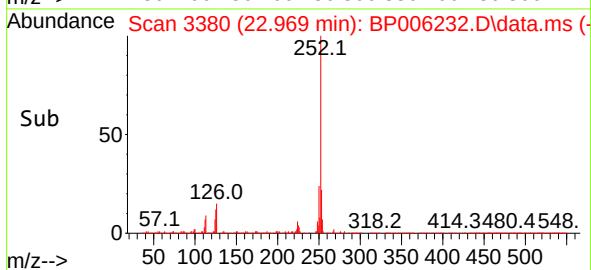
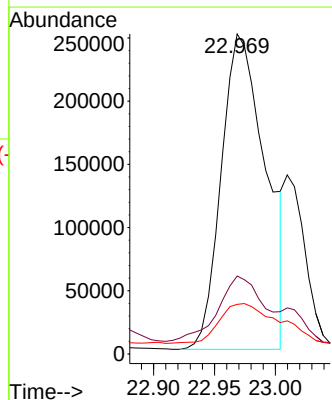
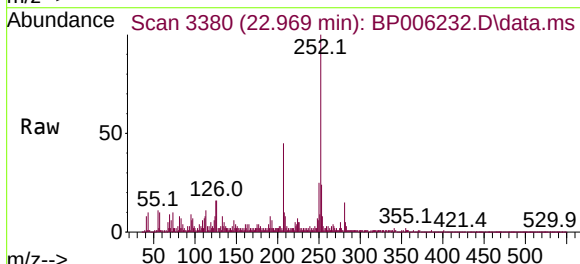
Instrument :
BNA_P
ClientSampleId :
OR-02-071321

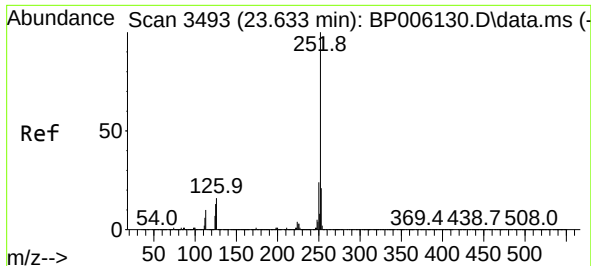
Tgt Ion:252 Resp: 630982
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 15.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 9.56 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.064 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:252 Resp: 630982
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 15.5 6.0 9.0#

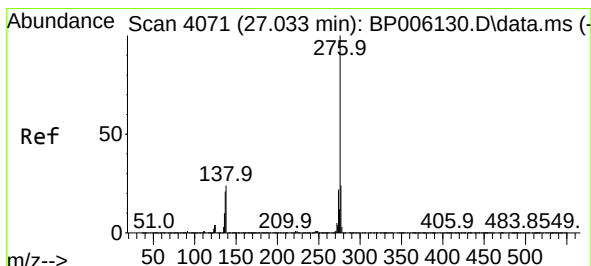
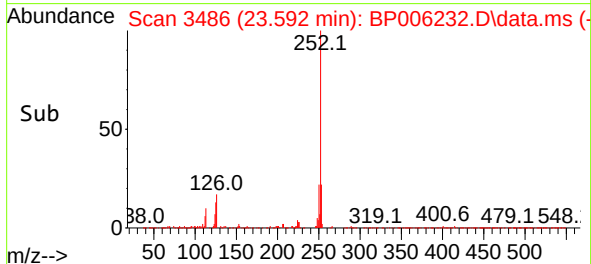
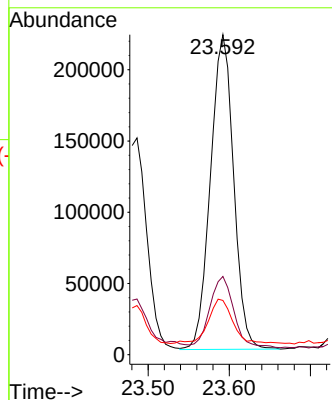
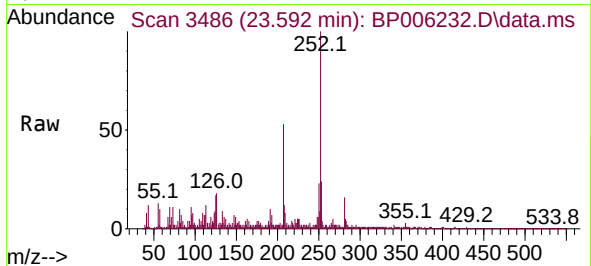




#90
Benzo(a)pyrene
Concen: 6.91 ng
RT: 23.592 min Scan# 3486
Delta R.T. -0.017 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Instrument :
BNA_P
ClientSampleId :
OR-02-071321

Tgt Ion:252 Resp: 437929
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 17.0 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 3.79 ng
RT: 26.974 min Scan# 4061
Delta R.T. -0.029 min
Lab File: BP006232.D
Acq: 14 Jul 2021 22:59

Tgt Ion:276 Resp: 263504
Ion Ratio Lower Upper
276 100
277 25.5 18.9 28.3
138 27.0 12.6 18.8#

